

# Annual Budget Report

October 1, 2023 – September 30, 2024



BROWNSVILLE  
PUBLIC UTILITIES BOARD

# **Brownsville Public Utilities Board**

A Component Unit of the City of Brownsville, Texas

## **ANNUAL BUDGET REPORT**

October 1, 2023 - September 30, 2024

Prepared by  
Finance Department

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# ***OVERVIEW***





## **BOARD OF DIRECTORS**

As of October 1, 2023

Arthur "Art" Rendon.....	Chair
Joseph L. Hollmann, Ph.D. ....	Vice-Chair
Daisy Zamora, Ph.D. ....	Secretary/Treasurer
Patricio Sampayo .....	Member
Alejandro "Alex" Najera.....	Member
Gerardo Martinez .....	Member
Mayor John F. Cowen, Jr. ....	Ex-Officio Member

### **BOARD ADMINISTRATION**

Marilyn D. Gilbert .....	General Manager and Chief Executive Officer
Mark Dombroski .....	Assistant General Manager and Chief Operating Officer
Miguel A. Perez .....	Chief Financial Officer
Constanza Miner .....	Chief Administrative Officer

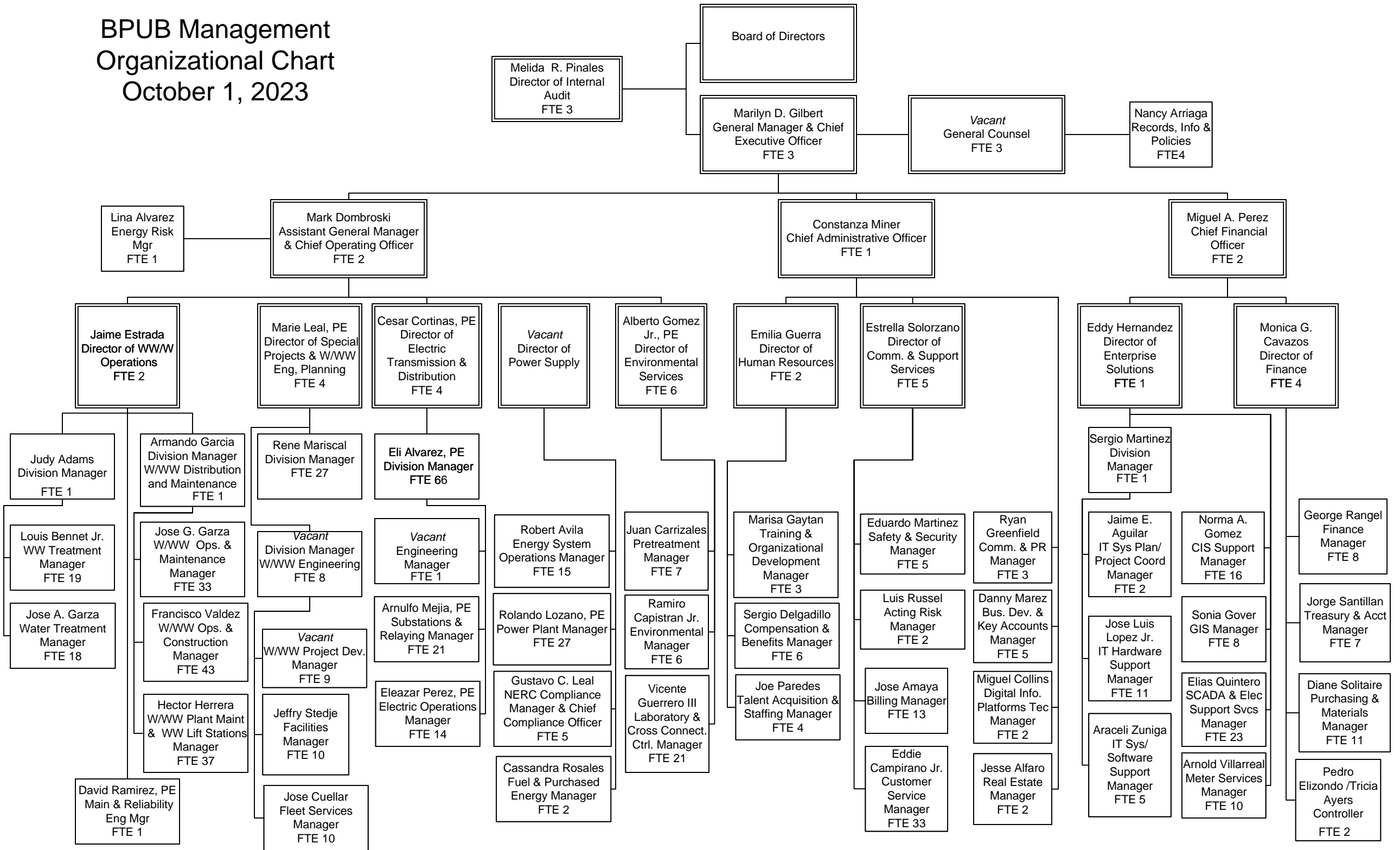
## **CITY OF BROWNSVILLE, TEXAS**

**City Hall/Market Square  
P.O. Box 911  
Brownsville, Texas 78520  
Telephone: 956-548-6000**

### **CITY COMMISSION**

John F. Cowen, Jr. ....	Mayor
Tino Villarreal, Jr. ....	Commissioner, At-Large "A"
Rose M.Z. Gowen, M.D. ....	Commissioner, At-Large "B"
Bryan L. Martinez .....	Commissioner, District 1
Linda C. Macias .....	Commissioner, District 2
Roy De los Santos .....	Commissioner, District 3
Pedro Cardenas .....	Commissioner, District 4

BPUB Management  
Organizational Chart  
October 1, 2023



## General Manager & Chief Executive Officer

**Marilyn D. Gilbert**

**Assistant General Manager  
& Chief Operating Officer**

Mark Dombroski

**Chief Financial Officer**

Miguel A. Perez

**Chief Administrative Officer**

Constanza Miner

**Internal Audit**

Melida Pinales

*Director*

**General Counsel**

Vacant

### Final Approved Positions

Department	Department Name	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Change from FY 2023 to FY 2024
1110	General Manager	3	3	3	3	3	0
1115	Legal Services	0	0	0	0	3	3
1120	Internal Audit	3	3	3	3	3	0
1165	Records Management	3	3	3	4	4	0
	TOTAL	9	9	9	10	13	3

**Note:**

The Board of Directors approved 2 full-time employees for the Legal Services department during FY 2023.

# Assistant General Manager & Chief Operating Officer

**Mark Dombroski**

## Special Projects & W/WW

### W/WW Operations

Jaime Estrada

*Director*

### Engineering-Planning

Marie Leal

*Director*

### Transmission & Distribution

Cesar Cortinas, PE

*Director*

### Power Supply

Vacant

### Environmental Services

Albert Gomez, PE

*Director*

### Energy Risk

Lina Alvarez

*Manager*

## **Final Approved Positions**

Department	Department Name	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Change from FY 2023 to FY 2024
1145	Electrical Systems	3	4	3	4	4	0
1410	Environmental Services	6	6	6	6	6	0
1420	Environmental Compliance	6	5	6	6	6	0
1422	Analytical Lab	16	16	16	16	16	0
1430	Pre-treatment	7	8	7	7	7	0
1435	Cross Connection Control	3	3	3	3	5	2
2120	Substations & Relaying	23	23	23	13	14	1
2130	Elec. T&D Construction & Maintenance	50	50	49	58	67	9
2150	Energy Control Center Operations	15	15	15	15	15	0
2215	Power Supply	0	0	0	0	0	0
2220	Power Production	27	27	28	27	27	0
2310	Electric Meter Shop	8	8	8	8	7	-1
2410	Electric Engineering	13	12	14	14	14	0
3110	W/WW Eng, Planning & Operations	3	3	2	2	4	2
3120	Water Plant I	10	9	10	10	10	0
3130	Water Plant II	8	8	7	8	8	0
3135	Resaca Maintenance	9	9	9	15	23	8
3140	Raw Water Supply	4	4	4	4	4	0
3145	W/WW Plant Maintenance	12	12	12	12	12	0
3150	W/WW Operations & Construction	70	45	45	44	43	-1
3155	W/WW Operations & Maintenance	0	34	34	34	33	-1
3160	Potable Water Transport Services	0	3	2	2	2	0
3210	South WW Treatment Plant	9	8	9	8	8	0
3220	Robindale WW Treatment Plant	10	11	10	11	11	0
3225	W/WW Sludge Management	8	8	9	9	3	-6
3230	Wastewater Lift Stations	32	20	20	20	20	0
3310	W/WW Engineering	17	17	18	20	8	-12
3315	W/WW Project Development	0	0	0	0	9	9
4105	Operations	3	3	3	5	2	-3
4110	Energy Risk Management	1	1	1	1	1	0
4115	Asset Management	0	0	0	0	1	1
4210	NERC Compliance	5	5	5	5	5	0
4220	Fuel & Purchased Energy Supply	2	2	2	1	2	1
4230	Natural Gas Utility Management	0	0	0	0	0	0
4310	Operational Support Services	4	5	4	3	4	1
7150	Fleet Management	10	10	10	10	10	0
7160	Facility Maintenance	4	4	4	5	5	0
7175	Facility Maint-FM 511 Service Yard	4	4	4	4	4	0
7180	Facility Maintenance-Annex	0	0	1	1	1	0
<b>TOTAL</b>		<b>402</b>	<b>402</b>	<b>403</b>	<b>411</b>	<b>421</b>	<b>10</b>

### Note:

Changes in personnel counts from FY 2023 to FY 2024 are due to interdepartmental transfers.



## Chief Financial Officer

**Miguel A. Perez**

### **Finance**

Monica Garza Cavazos

*Director*

Pedro Elizondo

*Controller*

Tricia Ayers

*Controller*

### **Enterprise Solutions**

Eddy Hernandez

*Director*

Sergio Martinez

*Division Manager*

### **Financial Services**

George Rangel

*Manager*

### **Purchasing/Warehouse**

Diane Solitaire

*Manager*

### **CIS Support**

Norma Gomez

*Manager*

### **Treasury and Accounting**

Jorge Santillan

*Manager*

## **Final Approved Positions**

Department	Department Name	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Change from FY 2023 to FY 2024
2210	SCADA & Elec. Support Services	22	23	23	23	23	23	0
5105	Finance Office	0	0	0	0	0	2	2
5110	Finance	8	9	9	10	10	6	-4
5115	Financial Services	0	0	0	0	0	8	8
5120	Accounting & Treasury	18	17	17	15	13	7	-6
5130	Purchasing	7	7	7	7	7	6	-1
6130	Meter Services	9	9	9	9	9	10	1
6135	CIS Support	3	3	3	3	4	4	0
6150	Meter Reading	14	14	14	14	14	12	-2
7130	Information Technology	17	17	17	17	18	2	-16
7131	IT Hardware, Cyber, & Network Mgmt	0	0	0	0	0	11	11
7132	IT Solutions and Project Management	0	0	0	0	0	2	2
7133	IT Applications Support	0	0	0	0	0	5	5
7135	Geographic Information Systems	10	10	10	10	8	8	0
7170	Warehouse	6	5	5	5	5	5	0
9110	Company-wide Expenses	1	0	0	0	0	0	0
	<b>TOTAL</b>	<b>115</b>	<b>114</b>	<b>114</b>	<b>113</b>	<b>111</b>	<b>111</b>	<b>0</b>

**Note:**

Changes in personnel counts from FY 2023 to FY 2024 are due to interdepartmental transfers.

# Chief Administrative Officer

## Constanza Miner

### Human Resources

Emilia Guerra  
*Director*

### Customer Services

Estrella Solorzano  
*Director*

### Real Estate

Jesse Alfaro  
*Manager*

### Digital Info Platforms

Miguel Collis  
*Manager*

### Comm & Public Relations

Ryan Greenfeld  
*Manager*

### Business Dev. & Key Accounts

Danny Mares  
*Manager*

## Final Approved Positions

Department	Department Name	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Change from FY 2023 to FY 2024
1125	Key Account Marketing	4	4	4	4	3	4	1
1130	Communications & Admin Svc	2	2	2	1	1	2	1
1135	Communications & Public Relations	4	4	3	3	4	3	-1
1140	Training and Organizational Develop	3	3	2	3	3	3	0
1170	Digital Information Platforms	0	0	1	2	2	2	0
1440	Health & Safety	6	4	4	4	4	5	1
5140	Revenue Recovery	3	3	3	3	3	3	0
6105	Customer & Information Services	3	3	3	3	3	0	-3
6110	Customer Service	14	14	14	14	12	13	1
6115	Collections	4	4	4	4	4	4	0
6120	Billing	9	9	9	9	9	9	0
6125	Call Center	12	12	12	12	12	12	0
6145	Energy Efficiency & Conservation	1	1	1	1	1	1	0
6160	Cashiers	8	8	8	8	8	8	0
7110	Administrative Services	0	0	0	0	0	1	1
7120	Risk/Insurance Management	2	3	3	3	2	2	0
7125	Real Estate	0	0	0	0	2	2	0
7140	Human Resources	2	3	3	3	1	2	1
7145	Talent Acquisition and Staffing	4	3	3	3	4	4	0
7155	Compensation & Benefits	4	4	5	4	6	6	0
7165	Security Operations	0	2	2	2	1	0	-1
	<b>TOTAL</b>	<b>85</b>	<b>86</b>	<b>86</b>	<b>86</b>	<b>85</b>	<b>86</b>	<b>1</b>

### Note:

Changes in personnel counts from FY 2023 to FY 202 are due to interdepartmental transfers.



December 11, 2023

We are pleased to present the Fiscal Year 2024 Budget of the Public Utilities Board of the City of Brownsville, Texas (Brownsville PUB). This budget funds the Brownsville PUB's three essential utility services: Electric, Water, and Wastewater. This document is the final step in a process that begins in May and extends until the budget is finally adopted in September. It is the culmination of many weeks and months of discussion and preparation by department heads, various staff members within those departments, the Executive Team and the Board of Directors. This Budget is submitted in accordance with Brownsville PUB Bond Ordinance Requirements and is comprised of the Revenue Budget, Operations & Maintenance Expense (O&M) Budget, Debt Service and Capital Budget. As required, the document presents a balanced budget (i.e., expenses and transfers do not exceed revenues) of \$259.51 million. The budget has been prepared using the accrual basis of accounting. Revenues and expenses are subject to appropriation of the Brownsville PUB's enterprise fund. This budget supports our mission to reliably provide essential services and community support through our valued and dedicated workforce.

The Brownsville PUB's FY 2024 Budget supports the Board's strategic goals to be the foundation for our community's future through customer and community engagement, work force development and continuity, organizational preparedness and resiliency, process improvement, reliable infrastructure, and technology and innovation. All three utilities provide 24-hours-per-day/7 days-per-week/365 days-per-year operations and essential service delivery to meet our customers' electric, water and wastewater service needs. Without reducing services, we have prioritized funding to ensure system reliability, regulatory compliance, resource sustainability, health and safety, community benefits and jobs, as well as environmental stewardship.

The Budget is more than a projection of revenues and expenses for the upcoming year. The Budget is the financial guide for the operation of the Brownsville PUB during the upcoming fiscal year. The adoption of this document is one of the most significant actions taken by the Board annually. The Budget establishes the financial limits used to provide utility services to the Brownsville PUB customers. It serves as the ultimate guide for the General Manager & CEO and staff when planning, organizing and implementing the policies and practices needed to provide safe, reliable service at the most economical rates possible.

The Revenue, O&M, Debt Service and Capital Budgets were presented and approved by the Board on September 11, 2023.

The proposed O&M, Personnel and Capital Budgets have been thoroughly reviewed by Executive Management, Directors, Managers and Finance Staff. This group of personnel scrutinized each budget in detail with each Department Head and recommended changes in requested vs recommended amounts in order to balance the needs of all departments to the available funding levels.

The approved budget has a number of key decisions the Board considered as the budget was reviewed.

- In May 2022, the Brownsville City Commission approved rate adjustments. The water and wastewater rates will increase by 6% and 9%, respectively on January 1, 2024. Along with the rate adjustments, the Brownsville City Commission also approved a new Resaca Fee for all water customers which went into effect on June 1, 2022. This rate is currently set at \$6.25 for fiscal years 2023 and 2024. These rate adjustments and fees were included when developing the revenue projections for the FY 2024 budget.
- Pay As You Go (PAYGO) – CIP Funding: The approved budget includes \$15.0 million to fund Capital Improvement Projects with cash.
- Pay As You Go (PAYGO) – Resaca CIP Funding: The approved budget includes \$1.07 million to fund Resaca Capital Improvement Projects with cash collected from the Resaca Fee.
- Internal market study salary adjustments throughout the organization averaging 9%.

The budget preparation process and budget preparation calendar are presented in additional detail on pages 36 through 39.

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## **FY 2024 BUDGET**

The Budget for FY 2024 is divided into six major sections:

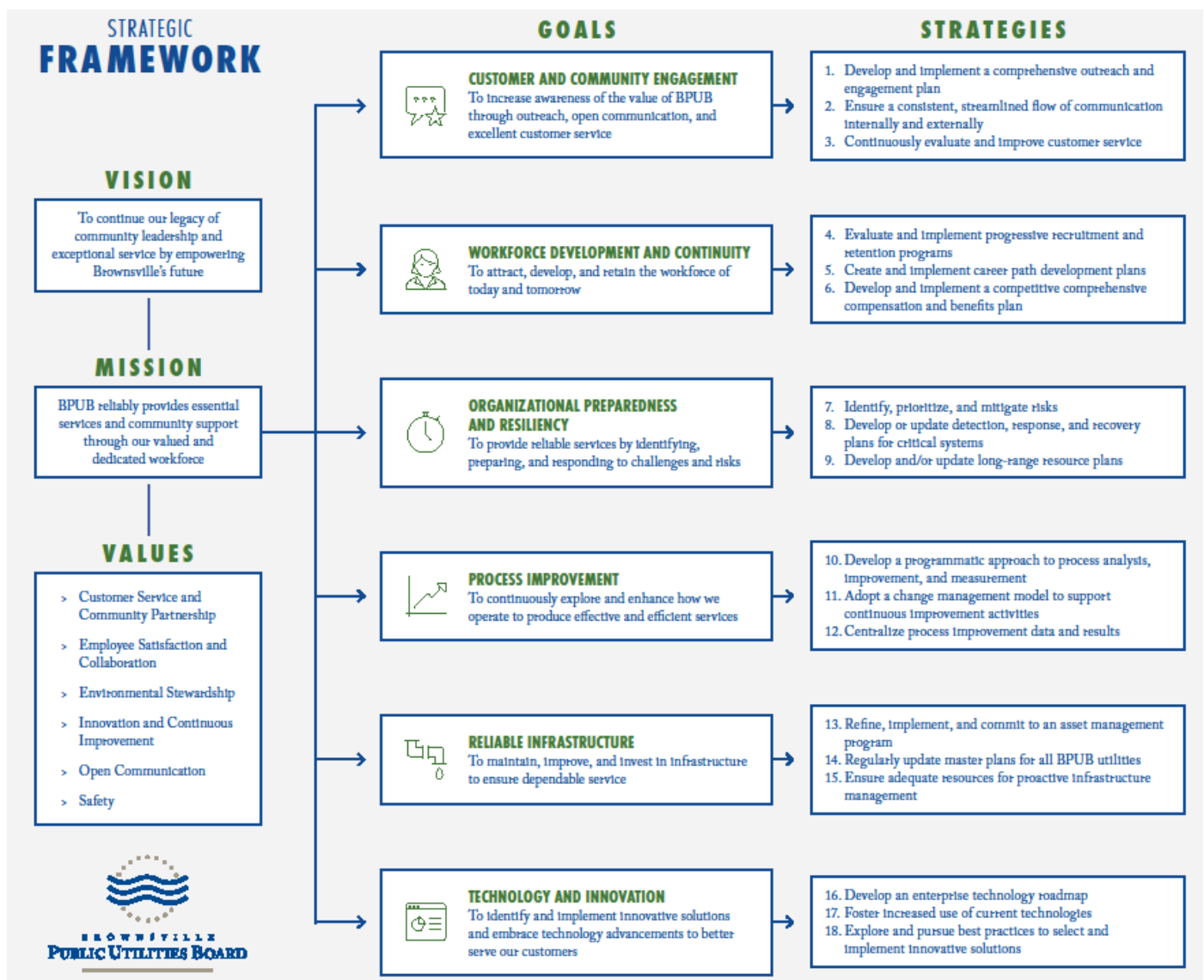
1. **OVERVIEW** – This section includes the following information:
  - a. Organizational Chart
  - b. Summary Letter
  - c. GFOA Distinguished Budget Presentation Award for FY Beginning 10/1/22
  - d. Budget Program
  - e. Budget Preparation Process & Procedures
  - f. Budget Preparation Calendar
  - g. Significant Financial Program Components
  - h. Total Combined Utility Requirements Chart
  - i. FY 2024 Uses of Funds Chart
  - j. FY 2024 Requirements as a Percent of Total Budget Chart
  - k. Budget Recap FY 2024 Revenues
  - l. FY 2024 Revenues - Utility Percent by Revenue Type Chart
  - m. O&M Expenses Recap by Type FY 2014 – FY 2024
  - n. O&M Expenses Recap by Account FY 2019 – FY 2024
  - o. O&M Expenses Recap by Department & Type – FY 2024
  - p. O&M Expenses Recap by Department FY 2019 – FY 2024
  - q. O&M Expenses Recap by Department FY 2024 Budget
  - r. FY 2024 Approved Budgeted Number of Positions by Division/Organization
  - s. Net Position Computation of Change in Net Position and Funds Available for Capital and Reserve Funds
  - t. Unit Sales Statistics
  - u. Outstanding Debt
  - v. Outstanding Principal Debt through Maturity - Graph
  - w. Debt Service
  - x. Debt Service Requirements by Fiscal Year
2. **REVENUES** – Contains the historical and forecasted revenues for each utility system, and discussion about revenue sources and trends.
3. **O&M EXPENSE BUDGET** – Contains the Operations & Maintenance Expenses summarized by Department, and by Account. Also included is a description of each department's major functions, accomplishments and performance measures.
4. **CAPITAL BUDGET** – Contains details of the funding sources and expenditures needed for facilities extensions, plant expansions and improvements, machinery, and vehicles.
5. **GRANTS** – Contains details of grants, funding agencies, grant amounts, and grant period.
6. **APPENDICES** – Contains a description of Brownsville PUB's Operations Expense Analysis by Account, maps of the Utility's service territory, a glossary and statistical section.

## STRATEGIC PLAN

During 2019, with the assistance of a consultant, Brownsville PUB developed its 2019-2024 Strategic Plan to identify the key issues that would influence the utility's efforts over the next five years. The 2019-2024 Strategic Plan supports Brownsville PUB's legacy of community leadership and exceptional service.

Brownsville PUB's Strategic Plan promotes strategies regarding our customers and community, the workforce, processes improvement and reliable infrastructure in support of Brownsville PUB's Mission Statement to reliably provide essential services and community support through our valued and dedicated workforce.

The following table summarizes each of Brownsville PUB's six priority goals and the strategies to accomplish these goals as identified in the Strategic Plan for implementation.



## **UNIT SALES**

Projected unit sales and revenues are based on three-year averages of historical data.

Projected unit sales are as follows:

	Budget FY 2023	UNAUDITED Year End FY 2023	Percent Difference	Approved FY 2024	Percent Difference FY 2024 vs UNAUDITED Year End FY 2023
Electric (kWh)	1,349,033,813	1,385,200,396	2.68%	1,385,641,722	0.03%
Water (1,000 gallons)	6,887,098	6,790,305	-1.41%	6,509,096	-4.14%
Wastewater (1,000 gallons)	4,791,021	4,791,090	0.00%	4,788,424	-0.06%

## **REVENUES**

The schedule below summarizes sales revenues, excluding electric off-system sales revenues, by utility system:

	Amended Budget FY 2023	UNAUDITED Year End FY 2023	Percent Difference	Approved FY 2024	Percent Difference FY 2024 vs UNAUDITED Year End FY 2023
Electric	\$ 158,849,413	\$ 175,869,227	10.71%	\$ 156,949,448	-10.76%
Water	34,256,484	35,127,372	2.54%	35,789,650	1.89%
Wastewater	25,069,539	28,295,143	12.87%	30,308,488	7.12%
Total Sales Revenues	<u>\$ 218,175,436</u>	<u>\$ 239,291,742</u>	9.68%	<u>\$ 223,047,586</u>	-6.79%

The schedule below summarizes total revenues by general category:

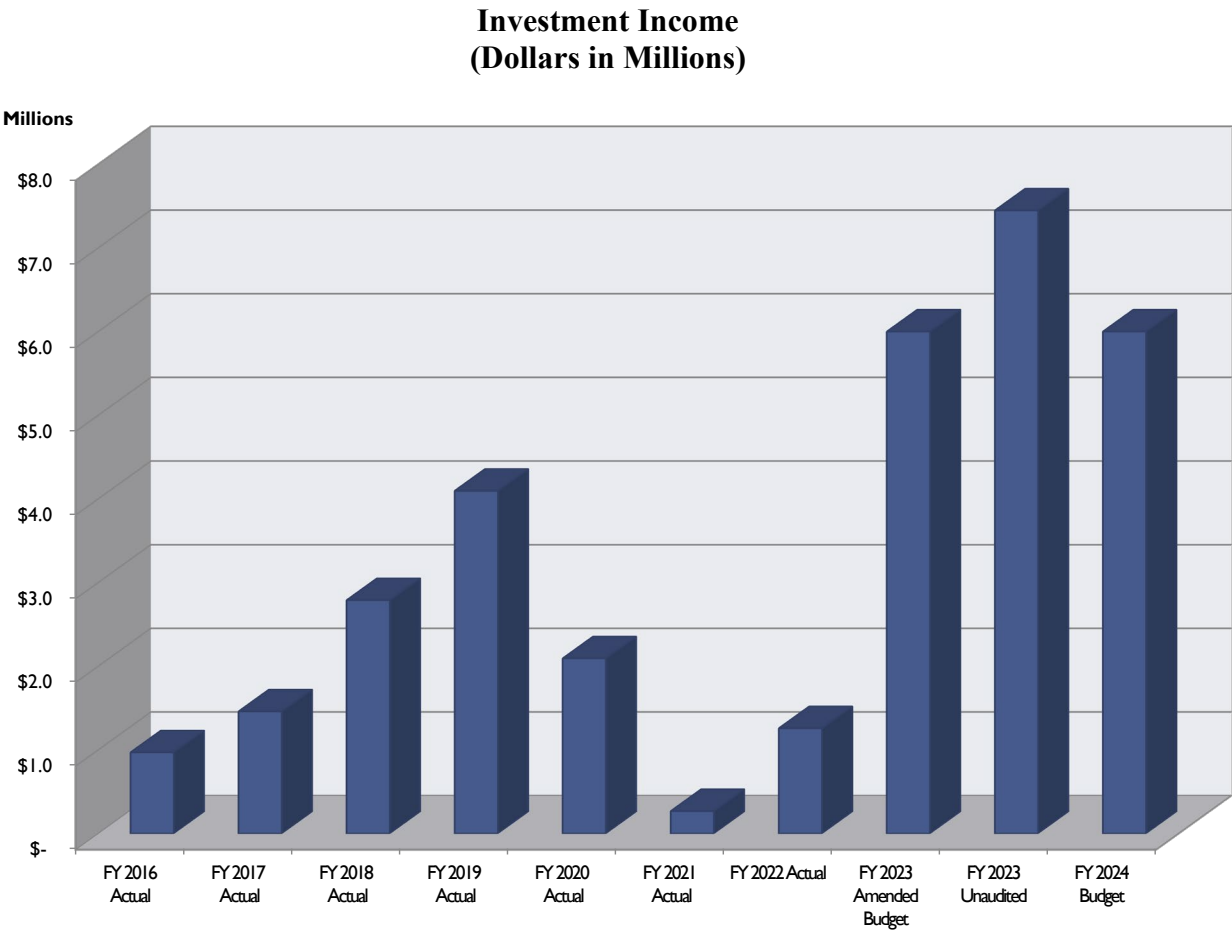
	Approved Budget FY 2024	Percent of Total	Amended Budget FY 2023	Percent of Total
Sales & Service To Customers	\$ 223,047,586	85.95%	\$ 218,175,436	86.12%
Off-System Sales Revenue	15,000,000	5.78%	15,000,000	5.92%
Interest From Investments	6,000,000	2.31%	6,000,000	2.37%
Other Operating & Non-Operating Revenues	15,462,519	5.96%	14,155,448	5.59%
Total Revenues	<u>\$ 259,510,105</u>	<u>100.00%</u>	<u>\$ 253,330,884</u>	<u>100.00%</u>

Projected electric unit sales in kilowatt hours are expected to increase in FY 2024 over FY 2023 unaudited Year-end by 0.03%. Comparing the approved FY 2024 vs amended FY 2023 sales revenue budget, electric base and fuel revenues are expected to decrease by 1.20%.

FY 2023 unaudited year-end water revenues were 2.54% higher than FY 2023 amended budget projections. Compared to budgeted water revenues for FY 2023, water revenues for FY 2024 are expected to increase by 4.48%. Wastewater revenues will increase by 20.90% for FY 2024 approved budget compared to FY 2023 amended budget. The increase is largely attributed to an approved rate increase of 9% for the wastewater utility.

Investment Income

The following chart illustrates actual and budgeted utility investment earnings over the past several fiscal years. Investment income which is conservatively projected based on projected investment balances is expected to remain consistent in FY 2024 vs actual unaudited FY 2023 and budgeted FY 2023.



Revenues are discussed in additional detail on pages 75 through 85.

**RATES**

In May of 2022, the Brownsville City Commission approved rate adjustments. For fiscal year 2024 (effective January 1, 2024) the water and wastewater utilities will increase their base rates by 6% and 9% respectively. While affordability is always a concern, the rate adjustments implemented this year will allow the Brownsville PUB to continue investing in core service areas including energy reliability, water quality and wastewater treatment services.

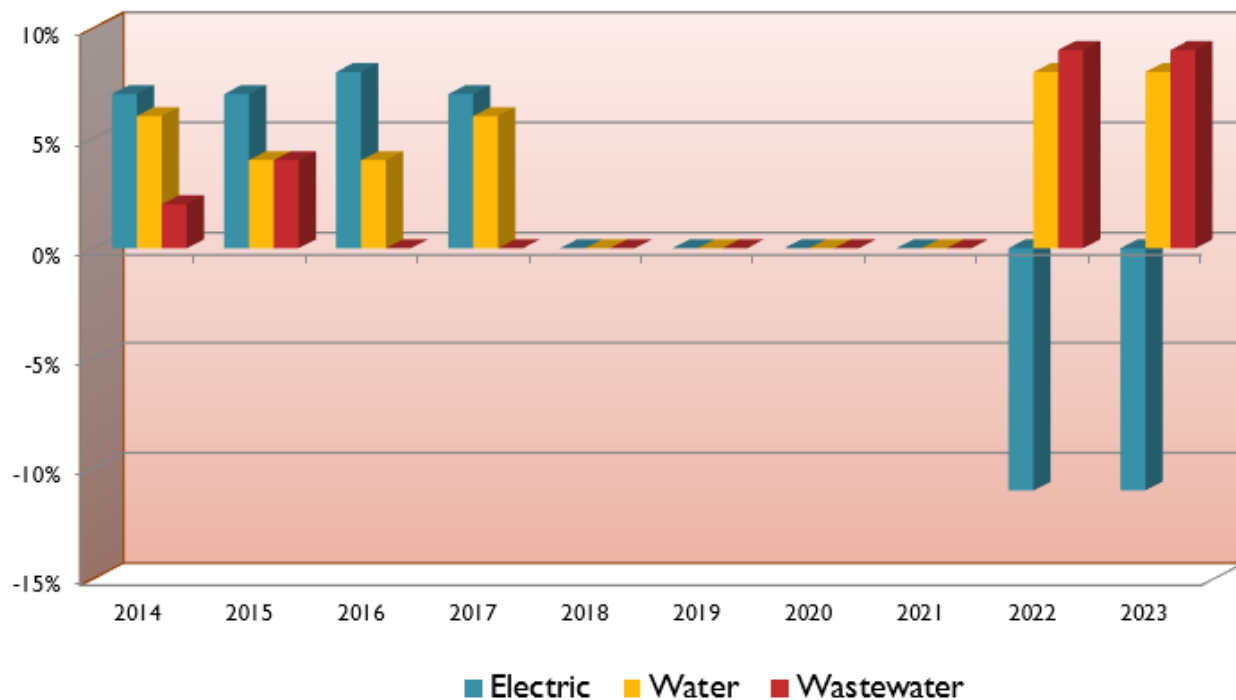
We will compare revenues to spending on a continual basis to ensure that adequate operating requirements and reserves are maintained and improved.



## Historical Rate Increases

The following charts illustrate utility rate increases over the last ten (10) years.

**Historical Rate Increases Over 10 Years**



**BASE RATE ADJUSTMENTS  
SYSTEM RATE INCREASES - LAST TEN (10) YEARS**

FY	Electric	Water	Wastewater
2023 <sup>6</sup>	-11.0%	8.0%	9.0%
2022 <sup>5</sup>	-11.0%	8.0%	9.0%
2021	-	-	-
2020	-	-	-
2019	-	-	-
2018	-	-	-
2017 <sup>4</sup>	7.0%	6.0%	-
2016 <sup>3</sup>	8.0%	4.0%	-
2015 <sup>2</sup>	7.0%	4.0%	4.0%
2014 <sup>1</sup>	7.0%	6.0%	2.0%

<sup>6</sup> Electric Rates Effective Dec. 1, 2022

<sup>6</sup> Water & Wastewater Rates Effective Jan. 1, 2023

<sup>5</sup> Effective June 1, 2022

<sup>4</sup> Effective October 1, 2016

<sup>3</sup> Effective October 1, 2015

<sup>2</sup> Effective October 1, 2014

<sup>1</sup> Effective October 1, 2013

## Residential Bill Averages

Utility Service	Average Consumption	September 2021	September 2022	September 2023
Electric	1,000 kWh	\$ 102.00	\$ 147.71	\$ 117.65
Water	10,000 gallons	\$ 33.84	\$ 41.08	\$ 45.69
Wastewater	8,000 gallons	\$ 35.25	\$ 38.43	\$ 41.91

## **OPERATIONS & MAINTENANCE EXPENSE BUDGET**

### **PERSONNEL**

The FY 2024 Personnel Budget includes sixty-three reclassified positions compared to the Original FY 2023 Budget. The reclassifications did not increase or decrease the total position count as approved in the FY 2023 Budget. However, during Fiscal Year 2023, fourteen new positions were approved by the Board of Directors. These positions are included as additions to the total positions approved for Fiscal Year 2024.

**The following is a summary of FY 2023 changes:**

**POSITIONS APPROVED FOR FY 2023 BUDGET 617**

#### **Board-Approved New Additions for Fiscal Year 2023**

<u>Department</u>	<u>Department No.</u>	
Legal Services	1115	2
Cross Connection Control	1435	2
Elec Trans and Dist Construction & Mai	2130	10

**FY 2023 AMENDED BUDGETED NUMBER OF POSITIONS 631**

#### **FY 2024 Departmental Transfers Out:**

<u>Department</u>	<u>Department No.</u>	
Communications & Administrative Svc	1130	-1
Communications & Public Relations	1135	-1
Elec Trans and Dist Construction & Mainte	2130	-1
Electric Meter Shop	2310	-1
W/WW Operations & Construction	3150	-1
W/WW Operations & Maintenance	3155	-1
W/WW Sludge Management	3225	-6
Water & Wastewater Engineering	3310	-10
Operations Office	4105	-3
Operational Support Services	4310	-3
Finance	5110	-4
Accounting & Treasury	5120	-6
Purchasing	5130	-1
Customer & Information Services	6105	-3
Meter Reading	6150	-2
Information Technology	7130	-18
Security Operations	7165	-1
	Subtotal	<u>-63</u>

**FY 2024 Departmental Transfers In:**

<b><u>Department</u></b>	<b><u>Department No.</u></b>	
Legal Services	1115	1
Key Account Marketing	1125	1
Customer Services	1130	2
Safety and Security Operations	1440	1
Substations and Relaying	2120	1
Special Projects/W/WW Eng-Planning	3110	1
Resaca Maintenance	3135	8
W/WW Project Development	3315	9
Asset Management	4115	1
Fuel & Purchased Energy Supply	4220	1
W/WW Operations	4310	3
Finance Office	5105	2
Financial Services	5115	8
Customer Service	6110	1
Meter Services	6130	1
Administrative Office	7110	1
Enterprise Solutions	7130	2
IT Hardware, Cyber, & Network Mgmnt	7131	11
IT Solutions and Project Management	7132	2
IT Applications Support	7133	5
Human Resources	7140	1
	Subtotal	<u>63</u>

<b>POSITIONS APPROVED FOR FY 2023 BUDGET</b>	<b>617</b>
<b>ADDITIONAL POSITIONS APPROVED</b>	<b><u>14</u></b>
<b>POSITIONS APPROVED FOR FY 2024 BUDGET</b>	<b><u>631</u></b>

The number of temporary full-time employees for FY 2024 is currently at 13 as illustrated on a separate schedule on page 26.

The amended Personnel Budget for FY 2023 totaled \$48,457,714, an increase of \$1,079,970 or 2.28%, as compared to the amended Personnel Budget for FY 2022. This variance was primarily due to higher than budgeted vacancies.

The approved Personnel Budget for FY 2024 totals \$55,485,455, an increase of \$7,027,741 or 14.50% from the amended FY 2023 Personnel Budget. This increase is due to the implementation of the salary market study.

## NUMBER OF FULL-TIME POSITIONS

DEPARTMENT	FINAL FY 2020	FINAL FY 2021	FINAL FY 2022	FINAL FY 2023	APPROVED FY 2024
1110 GENERAL MANAGER	3	3	3	3	3
1115 LEGAL SERVICES					3
1120 INTERNAL AUDIT	3	3	3	3	3
1125 KEY ACCOUNT MARKETING	4	4	4	3	4
1130 COMMUNICATIONS & ADMINISTRATIVE SVC	2	2	1	1	-
1135 COMMUNICATIONS & PUBLIC RELATIONS	4	3	3	4	3
1140 TRAINING AND ORGANIZATIONAL DEVELOP	3	2	3	3	3
1150 BOARD OF DIRECTORS	-	-	-	-	-
1165 RECORDS MANAGEMENT	3	3	3	4	4
1170 DIGITAL INFORMATION PLATFORMS	-	1	2	2	2
1410 ENVIRONMENTAL SERVICES	6	6	6	6	6
1440 HEALTH & SAFETY	4	4	4	4	5
4105 OPERATIONS	3	3	3	5	2
4115 ASSET MANAGEMENT	-	-	-	-	1
4310 OPERATIONAL SUPPORT SERVICES	3	4	3	3	-
5105 FINANCE OFFICE					2
5110 FINANCE	9	9	10	10	6
5115 FINANCIAL SERVICES					8
5120 ACCOUNTING	17	17	15	13	7
5130 PURCHASING	7	7	7	7	6
7110 ADMINISTRATIVE OFFICE					1
7120 RISK/INSURANCE MANAGEMENT	3	3	3	2	2
7125 RIGHT-OF-WAY	-	-	-	2	2
7130 INFORMATION TECHNOLOGY	17	17	17	18	2
7131 IT HARDWARE, CYBER, & NETWORK MGMNT					11
7132 IT SOLUTIONS AND PROJECT MANAGEMENT					2
7133 IT APPLICATIONS SUPPORT					5
7135 GIS	10	10	10	8	8
7140 HUMAN RESOURCES	3	3	3	1	2
7145 TALENT ACQUISITION AND STAFFING	3	3	3	4	4
7150 FLEET MANAGEMENT	10	10	10	10	10
7155 COMPENSATION & BENEFITS	4	5	4	6	6
7160 FACILITY MAINTENANCE	4	4	4	5	5
7165 SECURITY OPERATIONS	2	2	2	1	-
7170 WAREHOUSE	5	5	5	5	5
7175 FACILITY MAINTENANCE-FM511 SVC YARD	4	4	4	4	4
7180 FACILITY MAINTENANCE-ANNEX	-	-	1	1	1
9110 COMPANY-WIDE EXPENSES	-	-	-	-	-
<b>TOTAL ADMINISTRATIVE</b>	<b>136</b>	<b>137</b>	<b>136</b>	<b>138</b>	<b>138</b>
1130 CUSTOMER SERVICES	-	-	-	-	2
5140 REVENUE RECOVERY	3	3	3	3	3
6105 CUSTOMER & INFORMATION SERVICES	3	3	3	3	-
6110 CUSTOMER SERVICE	14	14	14	12	13
6115 COLLECTIONS	4	4	4	4	4
6120 BILLING	9	9	9	9	9
6125 CALL CENTER	12	12	12	12	12
6130 METER SERVICES	9	9	9	9	10
6135 CIS SUPPORT	3	3	3	4	4
6150 METER READING	14	14	14	14	12
6160 CASHIERS	8	8	8	8	8
<b>TOTAL CUSTOMER SERVICE</b>	<b>79</b>	<b>79</b>	<b>79</b>	<b>78</b>	<b>77</b>

## NUMBER OF FULL-TIME POSITIONS (Continued)

		FINAL	FINAL	FINAL	APPROVED	APPROVED
	DEPARTMENT	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
1145	ELECT TRANSMISSION AND DISTRIBUTION	3	4	3	4	4
1420	ENVIRONMENTAL COMPLIANCE	6	5	6	6	6
2120	SUBSTATIONS AND RELAYING	23	23	23	13	14
2130	ELEC TRANS & DIST CONSTRUCTION & MAINTENANCE	50	50	49	58	67
2140	ELEC TRANS & DIST MAINTENANCE	-	-	-	-	-
2150	ENERGY CONTROL CENTER OPERATIONS	15	15	15	15	15
2210	SCADA & ELECTRICAL SUPPORT SERVICES	23	23	23	23	23
2215	POWER SUPPLY					-
2220	POWER PRODUCTION	27	27	28	27	27
2310	ELECTRIC METER SHOP	8	8	8	8	7
2410	ELECTRIC ENGINEERING	13	12	14	14	14
4110	ENERGY RISK MANAGEMENT	1	1	1	1	1
4210	NERC COMPLIANCE	5	5	5	5	5
4220	FUEL & PURCHASED ENERGY SUPPLY	2	2	2	1	2
6145	ENERGY EFFICIENCY & CONSERVATION	1	1	1	1	1
<b>TOTAL ELECTRIC</b>		<b>177</b>	<b>176</b>	<b>178</b>	<b>176</b>	<b>186</b>
1422	ANALYTICAL LAB	16	16	16	16	16
1430	PRE-TREATMENT	7	8	7	7	7
1435	CROSS CONNECTION CONTROL	3	3	3	3	5
3110	W&WW ENG, PLANNING & OPERATIONS	3	3	2	2	4
3120	WATER PLANT I	10	9	10	10	10
3130	WATER PLANT II	8	8	7	8	8
3135	RESACA MAINTENANCE	9	9	9	15	23
3140	RAW WATER	4	4	4	4	4
3145	W/WW PLANT MAINTENANCE	12	12	12	12	12
3150	W/WW OPERATIONS & CONSTRUCTION	70	45	45	44	43
3155	W/WW OPERATIONS & MAINTENANCE	-	34	34	34	33
3160	POTABLE WATER TRANSPORT SERVICES	-	3	2	2	2
3210	SOUTH WASTEWATER TREAT PLANT	9	8	9	8	8
3220	ROBINDALE WASTEWATER TREAT PLANT	10	11	10	11	11
3225	W/WW SLUDGE MANAGEMENT	8	8	9	9	3
3230	WASTEWATER LIFT STATIONS	32	20	20	20	20
3310	WATER & WASTEWATER ENGINEERING	17	17	18	20	8
3315	W/WW PROJECT DEVELOPMENT					9
4310	OPERATIONAL SUPPORT SERVICES	1	1	1	-	4
9110	COMPANY-WIDE EXPENSES	-	-	-	-	-
<b>TOTAL WATER AND WASTEWATER</b>		<b>219</b>	<b>219</b>	<b>218</b>	<b>225</b>	<b>230</b>
<b>OVERALL TOTAL NO. OF POSITIONS</b>		<b>611</b>	<b>611</b>	<b>611</b>	<b>617</b>	<b>631</b>

## NUMBER OF TEMPORARY FULL-TIME POSITIONS

DEPARTMENT	FINAL FY 2020	FINAL FY 2021	FINAL FY 2022	FINAL FY 2023	APPROVED FY 2024
1120 INTERNAL AUDIT					1
1125 KEY ACCOUNT MARKING	-	-	-	1	-
1130 COMMUNICATIONS & ADMINISTRATIVE SVC	-	-	-	1	-
1165 RECORDS MANAGEMENT	1	-	-	-	-
1170 R					-
7125 RIGHT-OF-WAY	-	-	-	1	1
7130 INFORMATION TECHNOLOGY	2	1	1	3	-
7135 GIS	-	1	-	-	-
7155 COMPENSATION & BENEFITS	1	1	-	-	-
7160 FACILITY MAINTENANCE	1	-	-	-	-
7170 WAREHOUSE	1	-	-	-	-
<b>TOTAL ADMINISTRATIVE</b>	<b>7</b>	<b>3</b>	<b>1</b>	<b>6</b>	<b>3</b>
6105 CUSTOMER & INFORMATION SERVICES	-	-	-	1	-
6115 COLLECTIONS	-	1	-	-	-
6135 CIS SUPPORT	1	1	1	-	-
6150 METER READING	1	-	3	5	5
<b>TOTAL CUSTOMER SERVICE</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>5</b>
2120 SUBSTATIONS AND RELAYING	2	1	-	-	1
2130 ELEC TRANS & DIST CONSTRUCTION & MAINTENANCE	-	1	2	-	3
2210 SCADA & ELECTRICAL SUPPORT SERVICES	-	1	-	-	-
2410 ELECTRIC ENGINEERING	1	2	-	-	1
<b>TOTAL ELECTRIC</b>	<b>3</b>	<b>5</b>	<b>2</b>	<b>-</b>	<b>5</b>
1422 ANALYTICAL LAB	-	1	1	-	-
3135 RESACA MAINTENANCE	-	1	1	2	-
<b>TOTAL WATER AND WASTEWATER</b>	<b>-</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>-</b>
<b>OVERALL TOTAL NO. OF TEMPORARY POSITIONS</b>	<b>12</b>	<b>12</b>	<b>9</b>	<b>14</b>	<b>13</b>

Note: The final count listed is as of September 30 for the given fiscal year. Employees hired on a part-time basis are not retained for the entire fiscal year. The company is flexible in hiring several positions, based on available funding.

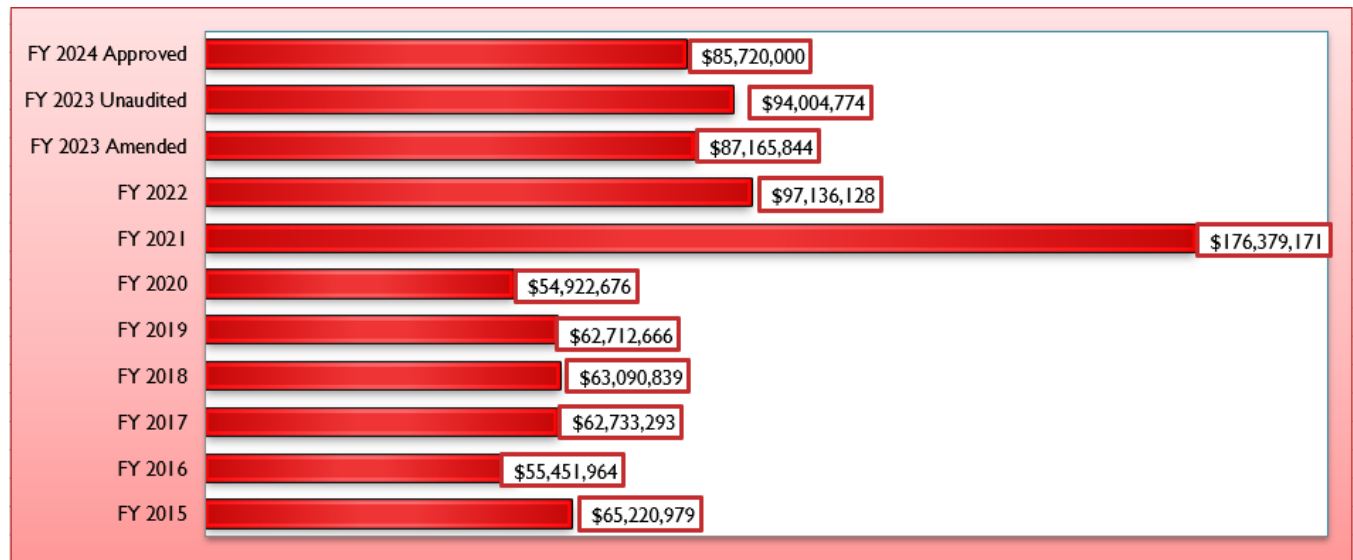
## OPERATIONS & MAINTENANCE EXPENSES

The total O&M Budget for FY 2024 is \$203,698,186, an increase of \$8,457,084 or 4.33% from the amended FY 2023 Budget.

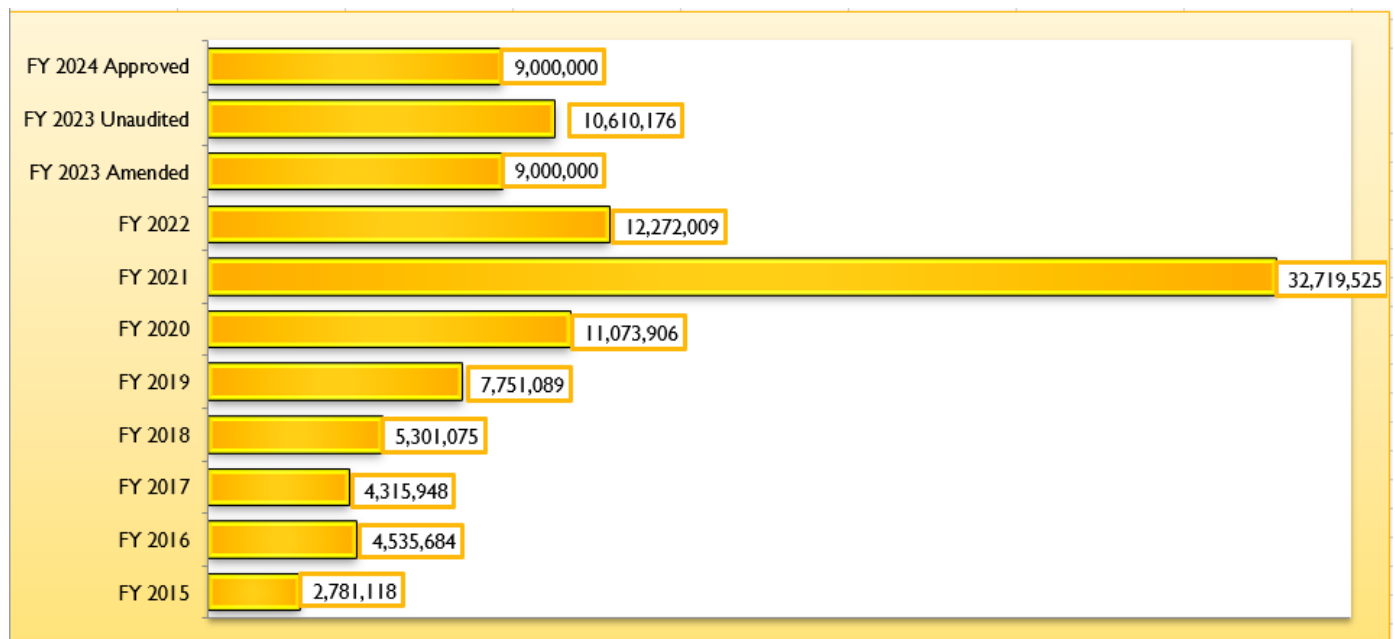
The following table summarizes O&M expenses by major classifications:

Expense Classification	Amended Budget FY 2023	Unaudited FY 2023	Percent Used: Unaudited '23 vs Approved Budget '23	Approved Budget FY 2024	Percent Budget Variance: Approved '24 vs Unaudited '23
Fuel & Energy Costs	\$ 87,165,844	\$ 94,004,774	107.85%	\$ 85,720,000	-8.81%
Off-system Sales Expenses	9,000,000	10,610,176	117.89%	9,000,000	-15.18%
SRWA Obligations	7,401,467	7,401,467	100.00%	7,257,738	-1.94%
Personnel Services	48,457,714	49,359,884	101.86%	55,485,455	12.41%
Non-personnel Expenses	43,216,076	40,551,474	93.83%	46,234,994	14.02%
Overall Total:	<u>\$ 195,241,102</u>	<u>\$ 201,927,775</u>	<u>103.42%</u>	<u>\$ 203,698,186</u>	<u>0.88%</u>

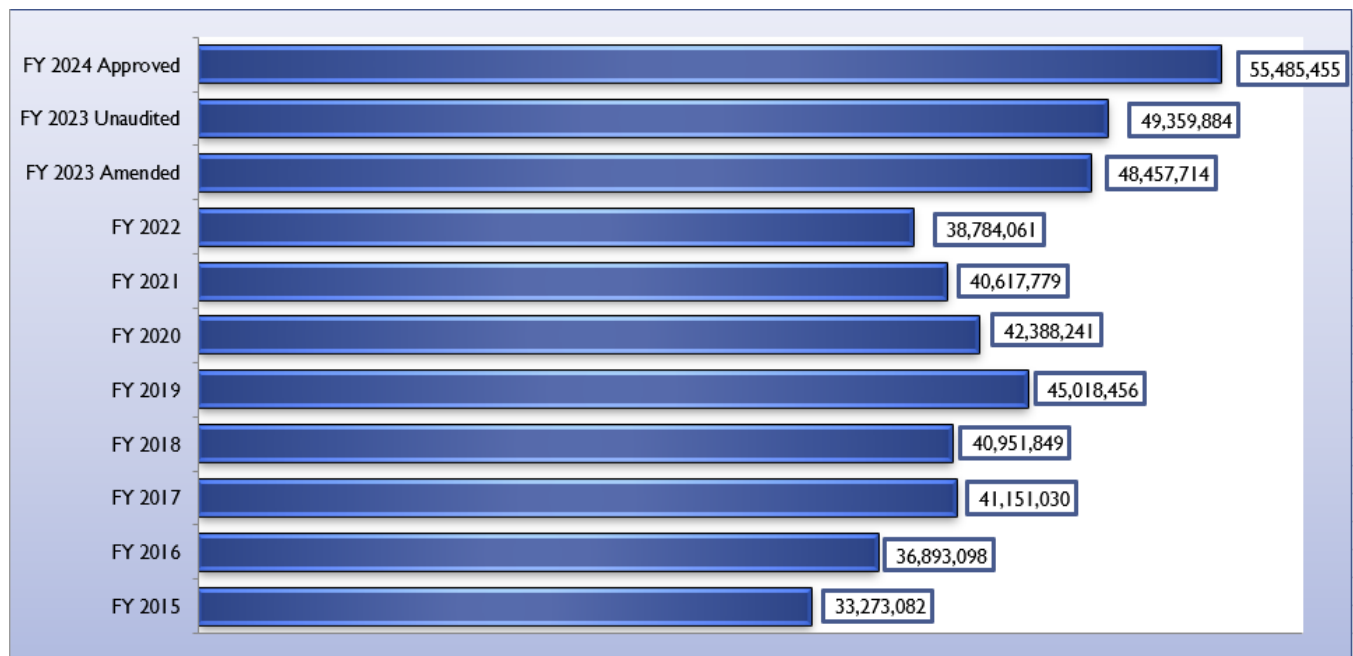
The following chart illustrates the cost of fuel and purchased energy to meet electric demand over the last several years. In FY 2015, Brownsville PUB had a total cost of \$65.22 million. The Approved FY 2024 Fuel & Energy Cost Budget is \$85.72 million. The 10-year history reflects an average increase of 3.14% per fiscal year. The unusually high costs in FY 2021 are a result of the Winter Storm Uri event in February 2021.



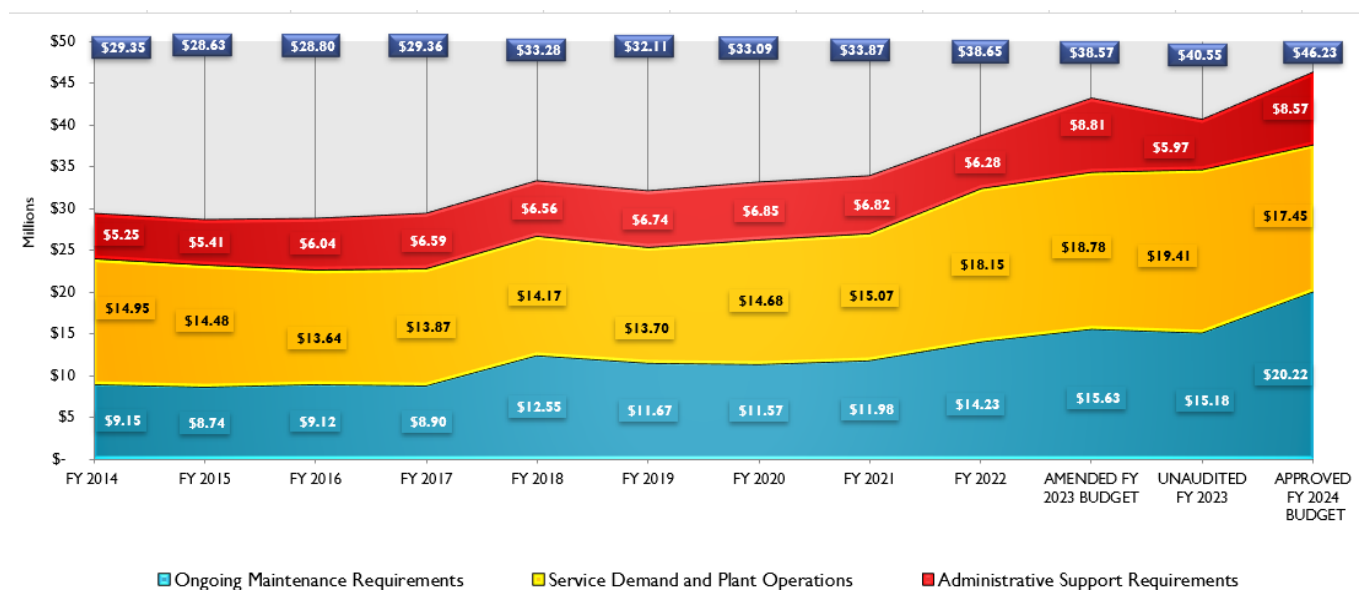
The following chart illustrates how the cost of off-system sales has fluctuated over the last ten years. In FY 2015, Brownsville PUB had a total cost of \$2.78 million. The Approved FY 2024 Off-System Sales Expenses Budget is \$9.00 million. The 10-year history represents an average increase of 22.36% per fiscal year. The unusually high costs in FY 2021 are a result of the Winter Storm Uri event in February 2021.



The following chart illustrates how the cost of personnel services has increased over the last several years. In FY 2015, Brownsville PUB had a total O&M personnel cost of \$33.27 million. The Approved FY 2024 O&M Personnel Budget is estimated at \$55.49 million. The \$1.96 million average yearly change is a result of added positions, market pay adjustments, promotions, health insurance, retirement, and other personnel benefit changes. This change averages 6.68% per fiscal year.



The O&M Non-personnel Services Budget includes all operating and maintenance expenses driven by ongoing plant and infrastructure maintenance requirements, service demand and plant operations, and administrative support requirements. The following chart provides historical expense trends for the Brownsville PUB.





## **DEBT SERVICE**

A summary of each system's cost of borrowed money is on page 72, Debt Service section of this Budget.

The Brownsville PUB continues to have insured bond ratings from the national rating agencies. Standard & Poor's Ratings Services, a division of The McGraw-Hill Companies, Inc., has assigned short term insured ratings of AA. The Brownsville PUB underlying ratings on its senior lien debt are "A2", "A-" and "A-" by Moody's, Standard & Poor's, and Fitch Ratings, respectively.

Revenue bonds outstanding at September 30, 2023 and 2022 were \$270,569,586 and \$288,920,002 respectively. Interest on bonds is due semi-annually on March 1 and September 1, and the principal is due annually on September 1. Revenue bond debt service coverage for the Brownsville PUB's priority and second lien obligations was calculated at 3.03 and 3.61 times at September 30, 2023 and 2022, respectively.

On August 24, 2005, the Brownsville PUB sold \$163,725,000 in tax exempt bonds and \$56,855,000 in taxable bonds as part of a major debt restructuring. The tax-exempt bonds, Series 2005A, provided proceeds to refund \$50,890,000 in Series 1995 outstanding obligations, \$50,000,000 in Series 2001A and \$50,000,000 in Series 2001B variable rate outstanding obligations, and \$7,250,000 in outstanding commercial paper notes, and provided \$20,000,000 in new money bonds. The taxable bonds, Series 2005B, provided proceeds to defease \$27,420,000 in Series 1992 outstanding obligations and \$22,120,000 in Series 1995 outstanding obligations.

The Brownsville PUB issued \$77,805,000 in aggregate principal amount of Utilities System Revenue Refunding Bonds, Series 2008. The refunding bonds provided proceeds to defease \$40,000,000 of Commercial Paper Notes, Series 2004, \$32,285,000 of the Series 2002A Utility System Subordinate Lien Revenue and Refunding Bonds, and \$13,415,000 of the Series 2002B Utility System Subordinate Lien Revenue and Refunding Bonds.

On November 1, 2012, the Brownsville PUB issued \$840,000 City of Brownsville, Texas Utilities System Junior Lien Revenue Bonds, Series 2012, for the purpose of building, improving, extending, enlarging, and repairing the City's utilities system and to pay costs of issuance of the bonds.

On April 10, 2013, the Brownsville PUB issued \$118,185,000 in Utilities System Revenue Refunding Bonds, Series 2013. The refunding bonds provided proceeds to refund \$109,985,000 of Utility System Improvement and Refunding Bonds, Series 2005A. In addition, the proceeds provided funds of \$11,818,500 to make a cash deposit into the Debt Service Reserve Fund.

On July 15, 2015, the Brownsville PUB issued \$94,770,000 in Utilities System Revenue Refunding Bonds, Series 2015. The bonds provided proceeds to refund \$49,060,000 of Series 2005A Revenue Improvement & Refunding Bonds, \$27,815,000 of Series 2005B Revenue Refunding Bonds and \$5,480,000 of Series 2011 Revenue Refunding Bonds. In addition, the proceeds provided funds to defease \$20,000,000 in outstanding Commercial Paper Notes.

On May 17, 2016, the Brownsville PUB issued \$39,410,000 in Utilities System Revenue Refunding Bonds, Series 2016. The bonds provided proceeds to refund \$42,505,000 of Series 2008 Revenue Refunding Bonds.

On June 20, 2018, the Brownsville PUB issued \$14,000,000 in Utilities System Revenue Refunding Bonds, Series 2018. The bonds provided proceeds to refund \$340,000 of Series 2007 Junior Lien Revenue Bonds, \$9,585,000 of Series 2008 Revenue Refunding Bonds and \$5,055,000 of Series 2012 Revenue Refunding Bonds.

On July 29, 2020, The Brownsville PUB issued \$53,590,000 of Series 2020 tax exempt bonds and \$62,320,000 of Series 2020A taxable bonds. The tax-exempt bonds, Series 2020, provided funds to refund \$12,105,000 of Series 2012 Revenue Refunding Bonds. In addition, the proceeds provided funds to defease \$50,000,000 in outstanding Commercial Paper Notes. The taxable bonds, Series 2020A, provided funds to refund \$54,480,000 of outstanding Series 2013A Revenue Refunding Bonds.

On May 25, 2022, The Brownsville PUB issued \$17,165,000 of Series 2022 tax exempt bonds and \$35,605,000 of Series 2022A taxable bonds. The proceeds provided funds to defease \$53,000,000 in outstanding Commercial Paper Notes.

The Brownsville PUB's participation in the Southmost Regional Water Authority (SRWA) Reverse Osmosis Plant Project was complete and operational during 2005. The SRWA successfully issued \$30,975,000 in Water Supply Contract Revenue Bonds, Series 2002, during FY 2003 and has expended approximately 100% of bond proceeds in the construction of the desalination plant. The Series 2002 bonds were issued with insured ratings of "Aaa" and "AAA" by Moody's Investor Services and Fitch Ratings, respectively. The underlying ratings on the bonds were "A2" and "A" by Moody's and Fitch, respectively. The Brownsville PUB total interest in the project is 92.91%. The SRWA is considered a blended component unit of the Brownsville PUB. As a participating owner, the BPUB is obligated to contribute its percentage allocation of the SRWA's debt service obligations and annual system budget. The Brownsville PUB's total 2020 and 2019 contributions to the SRWA were \$5,899,247 and \$5,953,229 respectively. The Brownsville PUB's participation in the SRWA's desalination project provides the City with an alternate, long-term, drought-resistant source of drinking water.

On December 7, 2009, the SRWA issued \$9,295,000 in Water Supply Contract Revenue Bonds, Series 2009A and \$3,795,000 in Water Supply Contract Revenue Bonds, Series 2009B, through the Texas Water Development Board Drinking Water State Revolving Fund for the construction of a full-scale Micro Filtration Pretreatment System. The objective of this project is to achieve compliance with both existing and future maximum contaminant levels for arsenic in public drinking water by constructing a full-scale Micro Filtration Pretreatment System prior to entering the existing reverse osmosis treatment process. An additional need is to control and reduce iron levels to eliminate complaints of colored water. Project objectives also include an additional 1.0 million gallons per day of capacity through upgrading certain pumps within the existing well field and adding one additional reverse osmosis train.

The SRWA issued \$13,530,000 in Water Supply Contract Revenue Refunding Bonds Series 2012 on September 26, 2012. The refunding bonds provided proceeds to defease \$14,990,000 of the Series 2002 Revenue Bonds for the years 2013 through 2027.

On April 1, 2017, the SRWA issued \$9,255,000 in Water Supply Contract Revenue Refunding Bonds, Series 2017. The refunding bonds had a closing date of April 18, 2017, and the proceeds plus the bond premium were used to defease \$9,715,000 of the Series 2006 Water Supply Contract Revenue Refunding Bonds for the years 2020 through 2032.

## SUMMARY OF DEBT SERVICE REQUIREMENTS

	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	UNAUDITED ACTUAL FY 2023	BUDGET FY 2024
Principal	\$ 13,414,301	\$ 14,358,196	\$ 16,845,097	\$ 17,517,553	\$ 18,279,617	\$ 17,585,000
Interest	12,352,429	11,585,595	10,341,791	10,627,412	11,327,303	11,299,265
Total	<u>\$ 25,766,730</u>	<u>\$ 25,943,791</u>	<u>\$ 27,186,889</u>	<u>\$ 28,144,965</u>	<u>\$ 29,606,920</u>	<u>\$ 28,884,265</u>

Commercial Paper for FY 2024 is anticipated to incur \$830,000 of interest expense.

## **DEBT SERVICE COVERAGE RATIO**

The Debt Service Coverage Ratio is estimated at 3.03 times for Year-end FY 2023, compared to 1.90 in the Amended FY 2023 Budget and 1.89 times budgeted for FY 2024. The Brownsville PUB's minimum coverage is 1.25 times per current bond covenants.

## **CAPITAL BUDGET**

The Board adopted the FY 2024 Capital Budget on September 11, 2023.

The FY 2024 Capital Budget totals \$91,717,365 which is \$416,630 less than the Brownsville PUB approved FY 2023 Budget of \$92,133,995. The Brownsville PUB's five-year capital needs decreased from \$249.81 million for FY 2023 to \$203.30 million for FY 2024 for a total decrease of \$46.51 million. A funding source summary and listing of construction projects and capital asset purchases are included in the Capital section of the Budget Document, beginning on page 247.

The Brownsville PUB is continuously updating a long-term Capital Improvement Plan (CIP) to prioritize use of available resources and scheduled short-term and long-term financing with minimal rate impact. If available resources are less than anticipated, Brownsville PUB will scale back on its CIP funding.

The projects proposed in the FY 2024 Capital Budget are crucial to efforts to continuously provide our present and future customers with the high-quality services and products that Brownsville PUB is committed to delivering. Many of the proposed capital projects are for renewals and replacements. Renewals and replacements are critical to Brownsville PUB's aging infrastructure, and generally increase our costs, but provide no additional revenue.

Of the projects budgeted for FY 2024, a sizeable portion is necessary for Brownsville PUB to stay in compliance with the requirements and standards set by governmental and regulatory agencies. The remainder of the FY 2024 Capital Budget includes a number of new projects and the continuation or completion of other projects that have already involved a considerable amount of time to design, permit, and construct.

Over the last 5-10 years, considerable renewal and replacement expenses have been incurred by the Brownsville PUB to correct or prevent problems. The Brownsville PUB staff continually strives to plan for and make system improvements to all three utility systems. Brownsville PUB's staff cannot accurately estimate the savings that are a direct result of capital improvements. However, staff is confident that O&M expenses are reduced shortly and long after the improvements are completed.

A recap of all the sources of funding for the Capital Budget can be found beginning on page 247.

The Brownsville PUB will use a combination of internally generated cash, grants, contributions-in-aid-of-construction, impact fees, and short-term debt obligations to fund the Capital Budget during FY 2024.

Capital projects are discussed in additional detail on pages 253 through 362.

The following table illustrates major expenditures that account for 67.39% of the total approved FY 2024 Capital Budget.

UTILITY	PROJECT DESCRIPTION	BUDGET
<b>ELECTRIC</b>		
	Hidalgo Capital Improvements	\$ 6,286,814
	Advanced Metering Infrastructure (AMI) - electric	3,706,853
	Electric System Utility Work Contract	2,000,000
	Infrastructure Improvements	2,833,891
	New Subdivisions	1,500,000
	New Connections	1,300,000
	Electric Capital Equipment	2,644,797
	Unit 10 Chiller Cooling Tower Replacement	1,140,500
	Airport Substation, Transformer No. 1 Upgrade, 69 KV to 138 KV	3,000,000
	DCS Ovation Control System and Windows 10 Upgrade	941,737
	<b>UTILITY TOTAL:</b>	<b>\$ 25,354,592</b>
<b>GENERAL &amp; ADMINISTRATIVE</b>		
	HVAC Replacement Project	\$ 992,320
	FM 511 Service Center - New Lay Down Yard	561,015
	<b>UTILITY TOTAL:</b>	<b>\$ 1,553,335</b>
<b>WATER</b>		
	Advanced Metering Infrastructure (AMI) - water	\$ 5,561,294
	ARPA Downtown Water & Wastewater Improvement Project 2	2,351,804
	City Streets Contract - Old Hwy 77 - District 4	700,000
	COB Contract No. 3 at Jose Marti Blvd, Calle Buenos Aires, Calle	986,232
	Costa Rica and Calle Nortena Water Utility Improvements	
	New Raw Water River Intake Facility	1,481,388
	Resaca Capital Equipment	1,420,867
	Rotary Park Raw Waterline Upgrade - Construction	740,318
	Water Capital Equipment	893,194
	<b>UTILITY TOTAL:</b>	<b>\$ 14,135,097</b>
<b>WASTEWATER</b>		
	Multiple Lift Stations Rehabilitation	\$ 7,033,708
	ARPA Downtown Water & Wastewater Improvement Project 1	3,052,158
	ARPA Downtown Water & Wastewater Improvement Project 2	3,086,260
	City Streets Contract - Old Hwy 77 - District 4	823,303
	COB Contract No. 3 at Jose Marti Blvd, Calle Buenos Aires, Calle Costa Rica	792,781
	and Calle Nortena Wastewater Utility Improvements	
	North Regional Lift Stations and Force Main System - Phase I	1,000,000
	Turbo Blower Upgrades Phase I (Packet 3) - construction	2,809,903
	Wastewater Capital Equipment	1,417,900
	Wastewater New Connections and New Subdivisions	750,974
	<b>UTILITY TOTAL:</b>	<b>\$ 20,766,987</b>
	<b>GRAND TOTAL</b>	<b>\$ 61,810,011</b>
		<b>\$ 91,717,365</b>
		<b>67.39%</b>

**Note: Includes \$29.9 million in numerous additional projects.**

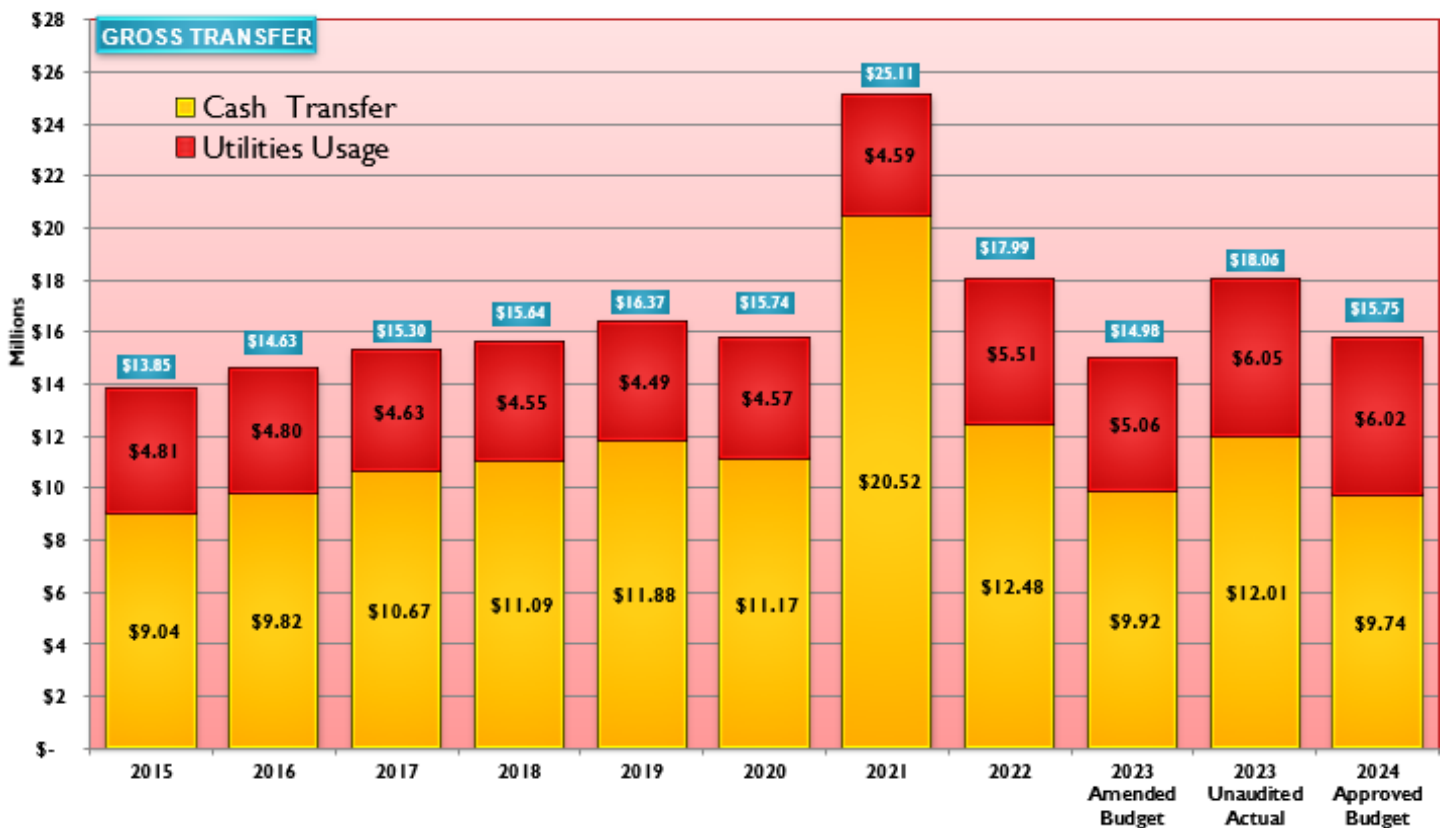
## TRANSFER TO THE CITY OF BROWNSVILLE

Beginning in FY 2006 transfers to the City of Brownsville (City) are undertaken on a quarterly basis calculated at ten percent (10%) of gross revenues received for the preceding fiscal year quarter, as adjusted in accordance with the following bond covenant: (1) prior to applying the percentage set forth above to determine the amount to be transferred to the City, the amount of gross revenues for a fiscal year quarter shall be reduced by an amount equal to all costs for the purchase of power and fuel paid or incurred by the Brownsville PUB during such fiscal year quarter as well as funding requirements for SRWA and (2) the amount of funds to be transferred to the City shall be reduced by any amounts owed by the City to the Brownsville PUB for utility services.

The unaudited FY 2023 estimated year-end gross transfer is \$18,061,145, up \$3,084,787 from the FY 2023 Amended budget, with an estimated net cash transfer of \$12,007,722. The FY 2024 approved budget gross transfer is \$15,753,238.

The chart below shows the gross and net transfers to the City of Brownsville over the past nine years.

**City of Brownsville Gross and Net Transfers**  
(Dollars in Millions)



## **DISTINGUISHED BUDGET PRESENTATION AWARD**

The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to the Brownsville PUB for its Annual Budget for the fiscal year beginning October 1, 2022. In order to receive this award, a governmental unit must publish a budget document that meets program criteria as a policy document, as an operations guide, as a financial plan, and as a communications device. The Fiscal Year beginning October 1, 2007 was the first year Brownsville PUB had received the award. This award is valid for a period of one year only. We believe our current Budget continues to conform to program requirements, and we are submitting it to the GFOA to determine its eligibility for another award.

## **ACKNOWLEDGEMENTS**

The budget review was a very extensive process involving staff at all levels and areas of the organization. The entire Brownsville PUB staff is to be commended for the patience and cooperation exhibited during the continued refinement of the final approved budget. The General Manager & CEO, Assistant General Manager & COO, Chief Financial Officer, Chief Administrative Officer and financial staff closely analyzed each department's budget on a line-by-line basis. Work sessions were held with all Divisions to ensure proper documentation was presented to justify all requests.

We extend our personal thanks to the dedicated employees who spent many hours preparing, revising and finalizing this document.

We would also like to acknowledge the support of the Board of Directors for its continuing interest in the development of a strong financial system and balanced budget to serve the customers of the Brownsville PUB.

Respectfully submitted,

*Marilyn D. Gilbert*

Marilyn D. Gilbert, MBA  
General Manager & Chief Executive Officer

*Miguel A. Perez*

Miguel A. Perez  
Chief Financial Officer



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished Budget  
Presentation Award*

PRESENTED TO

**Brownsville Public Utilities Board**  
Texas

**For the Fiscal Year Beginning**

**October 01, 2022**

*Christopher P. Morill*

*Executive Director*

## ***BUDGET PROGRAM***

### **Overview**

It is the Brownsville PUB's practice to adopt a budget prior to the start of each year which begins October 1. The budget, in addition to the financial statements, is prepared on the accrual basis. The process leading to the budget adoption involves participation from all management and supervisor levels and includes a communications plan that encourages input and guidance from Board Members.

The budget focuses on identifying funding levels necessary to continue basic utility services, systems improvement priorities, and community goals. The Chief Financial Officer (CFO) provides the Board Members and the General Manager & CEO with information on projected revenues and funding requirements to enable the General Manager and Board Members to provide direction in formulating budget goals and objectives as well as budget strategies to achieve such goals.

The Brownsville PUB's FY 2023-24 budget is a balanced budget, with revenues and other financing sources equal to the expenditures and other financing uses.

### **Priorities**

The Brownsville PUB has adopted a set of priorities for defining the Organization's mission. These priorities are used by the departments in formulating goals, objectives and measures when preparing their budgets.

### **Financial Program**

The Brownsville PUB follows a comprehensive financial program that guides the financial practices including accounting and reporting practices, investments, and debt financing. These practices are reviewed by the Brownsville PUB CFO to ensure that the Utility is in compliance with Bond Covenants, GASB Statements, and state and Federal regulatory requirements. Recommendations for changes are submitted to the Board for approval when necessary. These financial program practices are explained in further detail in the significant financial program components section starting on page 41.

### **Restricted Use of Public Funds**

The Brownsville PUB shall not lend its credit or gratuitously grant public money or things of value in aid of any individual, association, or corporation. The Brownsville PUB shall not grant any extra compensation, fee, or allowance to a public officer, agent, servant, or contractor after service has been rendered or a contract entered into and performed in whole or in part without Board approval. Nor shall the Brownsville PUB pay or authorize the payment of any claim against the Brownsville PUB under any agreement or contract made without authority of law.

No public funds of the Brownsville PUB may be spent in any manner other than as provided for in the budget adopted or amended by the Board.



## **BUDGET PREPARATION PROCESS & PROCEDURES**

### **Preface**

Budgeting is the process of allocating resources to the prioritized needs of the Brownsville PUB. Although budget formats and practices are by no means uniform in the public utility industry, formal budgets play a major role in the planning, control, and evaluation of operations. The adoption of the budget implies that a set of decisions have been made by the Board and Brownsville PUB's General Manager & CEO which culminate in matching Brownsville PUB's resources with its needs. This enables Administration to execute and control the activities that have been approved by the budget and evaluate performance based upon comparisons between budgeted and actual expenses.

### **Objectives of Budgeting**

Performance evaluations allow citizens and taxpayers to hold policy makers and administrators accountable for their actions. Because accountability to citizens often is stated explicitly in state laws and constitutions, it is considered a cornerstone of budgeting and financial reporting. The Governmental Accounting Standards Board (GASB) recognizes its importance and has outlined the following objectives taken from *GASB Concepts Statement No. 1 (Paragraph 77)*:

- Financial reporting should provide information to determine whether current-year revenues were sufficient to pay for current-year services.
- Financial reporting should demonstrate whether resources were obtained and used in accordance with the entity's legally adopted budget. It should also demonstrate compliance with the Bond Covenant and other finance-related legal or contractual requirements.
- Financial reporting should provide information to assist users in assessing the service efforts, costs, and accomplishments of the governmental entity.

Meeting these objectives requires budget preparation to include several concepts recognizing accountability. Often these concepts have been mandated for state and local public sector budgets. They include requirements that budgets should:

- Be balanced so that current revenues are sufficient to pay for current services.
- Be prepared in accordance with all applicable Bond Covenant, Federal, state, and local legal mandates and requirements.
- Provide a basis for the evaluation of a governmental utilities service effort, cost and accomplishments.
- Attempt to provide adequate Improvement Funds for "normal" capital activities by utility.

### **Budget Process Overview**

The budgeting process is comprised of three major phases: planning, preparation, and evaluation. It begins with sound planning. Planning defines the goals and objectives the Board has established and defines the strategy that Brownsville PUB's General Manager & CEO will implement to attain those

goals and objectives. Once the strategy has been established, budgetary resource allocations are initiated to support them. Budgetary resource allocations are the preparation phase of budgeting.

Finally, the budget is evaluated for its effectiveness in attaining goals and objectives. Evaluation typically involves an examination of how funds are expended, what outcomes result from the expense of funds, and to what degree these outcomes achieve the objectives stated during the planning phase. This evaluation phase is important in determining the following year's budgetary allocations. Budget preparation is not a one-time exercise to determine how Brownsville PUB will allocate funds. Rather, it is part of a continuous cycle of planning and evaluation necessary to achieve the established goals.

### **Annual Budget Process**

The CFO established a budget process to comply with the Brownsville PUB Bond Ordinance and GASB guidance requiring a balanced budget. A line-item budgeting format has been selected primarily because of its simplicity and control orientation. Brownsville PUB bases the budget upon historical expenses and revenue data. The development process is comprised of the following:

- Discussion with the General Manager & CEO and Assistant General Manager & COO to set Brownsville PUB goals and budget timetable to comply with the Board's goals and objectives.
- The Financial Planning Team prepares budget packets for the Directors and Managers. Packets will have detailed instructions to help estimate O&M and capital requirements. All line item accounts must be accompanied by a justification. Capital funding requests will be evaluated by established sub-teams for each category in the Capital Fund. Budget Team recommendations will be forwarded to the Financial Planning Team for inclusion in the first budget draft. Additionally, a 5-year Capital Project Budget is included for Director's review and prioritization.
- Budget draft is reviewed and balanced by the General Manager & CEO, the Assistant General Manager & COO and the CFO.
- Balanced budget is presented to the Board for approval.

### **Approved Detailed Budget Procedures**

The Financial Planning Team established the following internal controls to ensure operational compliance with the Brownsville PUB's Board-Approved Budget (O&M and Capital). Management has identified possible issues that could compromise the budget's integrity and implemented procedures to define, address or prevent their occurrence.

- **Line-item Budget Purchases** - The Banner accounting system provides management the ability to analyze and control spending through a line-item budget process. The requisition and encumbrance process is dependent on available funds within an organization's account structure.
- **Budget Changes** - Management has the option of re-allocating budgeted funds within a department, within a division or among other divisions. This may be necessary to initiate a purchase if funds are unavailable in a certain account. An approved *Budget Change Form* is required before changes to the budget are processed.

- **Budget Amendments** - Management will request increases to the Approved Budget only after they have looked within the Organization for available funds and the request is a result of an extraordinary requirement or emergency situation. This may be necessary throughout the year to address unexpected requirements for additional resources. Board approval is required before amendments to the combined system revenue and revenue requirements budget are processed.
- **Personnel Additions** – Personnel additions that increase the Board-approved position control total cannot be processed without a budget amendment. However, management can choose to reclassify open positions to address immediate staffing needs without Board approval as long as the dollar amounts or number of employees do not increase the approved budget totals. Reclassifying positions are generally allowed as long as the positions are at the same or at a lower pay level. In cases where management feels a need to reclassify a position to a higher level and after Human Resources has approved the reclassification, securing the funding with the Financial Planning Team will be the next step. Funding in these cases would mean sacrificing the salaries of two approved positions to fund the higher salaried position either by reclassifying the approved position to a lower pay grade or temporarily unfunding and suspending the approved position. The Financial Planning Team and the Human Resource Department can present management with the available options to fund the reclassification of the position requested.

### **Six-Month Budget Review Process**

Brownsville PUB's Six-Month Budget Review enables management to evaluate mid-year performance and address unplanned expenses. During the normal course of business, there are strong possibilities that extraordinary circumstances deplete available funds. The review can be used as the tool to request budget increases, identify funding deficiencies, and predict future expenses based on mid-year totals. The evaluation process and possible budget increases will be governed by the following:

- Requests of additional O&M Funds will not exceed the calculated total of additional revenues estimated to be collected for the remainder of the year.
- Requests of additional Capital Funds must first be funded from available funds from closed projects or funds deferred from current active projects. Request total cannot exceed approved capital fund total.
- Requests for permanent employee positions will not be considered after the budget is adopted until all approved positions are filled or the reclassification of open positions has been exhausted.
- Any existing deficit accounts must be cleared within a department or division before Directors or Managers can consider requesting additional funds for extraordinary expenses.
- Budget analysis may identify possible available funds within a department or division prompting a transfer to the Contingency account. The funds will be swept from the accounts unless Directors and Managers can document and justify that the funds are vital to their department's operations in the remaining six months of the fiscal year. The CFO will initiate this procedure based on the expense justification and Brownsville PUB's financial position. Additionally, the presence of extraordinary expenses that impact revenues, customer services, production of services, safety, Federal/state regulations, and employee benefits will influence the decision-making process.

## BUDGET PREPARATION CALENDAR FISCAL YEAR 2024

REF.	DATE		TASK	ACTION RESPONSIBILITY
1	May 22-26, 2023	Week of	Establish BPUB Budget Teams (Vehicle/Heavy & Support Equipment and Computers, Furniture & Other Equipment)	Financial Planning Team
2	June 7, 2023	Wednesday	BUDGET KICKOFF - Distribution of FY 2024 Budget Instructions, Forms for Equipment Requests and Projects	Financial Planning Team
3	June 7, 2023	Wednesday	Open Budget Program for User Data Entry	Financial Planning Team
4	June 7, 2023	Wednesday	Present Budget Process Timetable to Finance Committee	CFO
5	June 12, 2023	Monday	Distribute Budget Process Timetable to the Board	CFO
6	June 21, 2023	Wednesday	Close Budget Program data entry access	Financial Planning Team
7	June 23, 2023	Friday	Equipment Request Forms & Project Request Forms due	All Departments
8	June 28, 2023	Wednesday	Send Equipment Requests to respective BPUB Budget Teams (Vehicle/Heavy & Support Equipment and Computer, Furniture & Other Equipment) for recommendations	Financial Planning Team
9	July 10, 2023	Monday	Budget Teams (Vehicle/Heavy & Support Equipment and Computer, Furniture & Other Equipment) recommendations due	Teams
10	July 14, 2023	Friday	First DRAFT of O&M budget complete	Financial Planning Team
11	July 17 - 21, 2023	Week of	Distribute first DRAFT of budget and meet with Executive Team	Director of Finance
12	July 17 - 21, 2023	Week of	Executive Team, Directors and Finance balance O&M Budget	CFO
13	July 24 - 28, 2023	Week of	Directors, Managers and Finance Balance First Draft of CIP Budget	Financial Planning Team
14	August 1, 2023	Tuesday	Distribute Performance Measures	Financial Planning Team
15	August 9, 2023	Wednesday	Present Draft Budget to Finance Committee	CFO
16	August 14 - 18, 2023	Week of	Executive Team, Directors and Finance balance CIP Budget	CFO & Financial Planning Team
17	August 18, 2023	Friday	Department Performance Measures due	All Departments
18	August 21 - 25, 2023	Week of	Individual Board Member O&M and CIP Budget Briefings	CFO & Financial Planning Team
19	September 6, 2023	Wednesday	Present Draft Budget in a Board Workshop	CFO
20	September 11, 2023	Monday	Present Fiscal Year 2024 Budget to the Board for consideration and approval	CFO

### NOTES

1. The Southmost Regional Water Authority (SRWA) Budget was approved on August 7, 2023.

## **SIGNIFICANT FINANCIAL PROGRAM COMPONENTS**

The accounting practices of Brownsville PUB conform to generally accepted accounting principles (GAAP) as applicable to local governmental units. The following is a summary of the more significant components:

### **The Reporting Entity**

The Brownsville PUB was formed in 1960 to provide electrical, water, and wastewater services to its customers in the Brownsville area. The financial statements of the Brownsville PUB are prepared in conformity with accounting principles generally accepted in the United States of America as applied to government units. The Governmental Accounting Standards Board (GASB) is the accepted standard-setting body for establishing governmental accounting and financial reporting principles.

The Brownsville PUB is a component unit of the City of Brownsville, Texas as defined in GASB Statement No. 14, the Reporting Entity as amended by GASB Statement No. 39, determining whether certain organizations are component units. It is a separate operating authority established by the City's charter. Its purpose is to own, operate, and maintain a combined utilities system which provides the City and certain adjacent unincorporated areas with electricity, water, and wastewater services. The specific elements of oversight responsibility of the Brownsville PUB is the appointment by the City Commission of six of the seven-member governing board with the Mayor of the City serving Ex-Officio as the seventh member. Each appointed Board Member serves a four-year term. The Brownsville PUB does not have the right to encumber, sell, or hypothecate the utilities system. The specific elements of accountability for fiscal matters are (1) the City Commission is vested with the right to set utility rates and (2) the City is vested with the right to authorize the issuance of debt for the utilities system. Further, the Brownsville PUB is not required to pay any property taxes or franchise taxes to the City and the City pays for the utility services furnished to the City by the Brownsville PUB in accordance with bond covenants that address Transfers to the City.

The reporting entity of the Brownsville PUB consists of the primary and a blended component unit, the SRWA. The SRWA is a conservation and reclamation district created pursuant to Article XVI, Section 59, of the Texas Constitution and the Act of June 12, 1981, 67th Leg., Ch. 511, 1981 Tex. Gen. Laws 2196. The SRWA provides treated water to various areas of Cameron County. Essential disclosures related to SRWA are included in its complete financial statements. These statements may be obtained at P.O. Box 3270, Brownsville, Texas 78523-3270, c/o Finance Department.

### **Fund Accounting, Measurement Focus, Basis of Accounting, and Financial Statement Presentation**

The Brownsville PUB is a single enterprise fund, which is organized on the basis of systems (Electric, Water and Wastewater), each of which is considered a separate accounting entity. Resources are allocated to, and accounted for in these systems based upon the purpose for which they are to be spent. For external reporting purposes, these systems are combined.

The budget, as well as the financial statements, are prepared on the accrual basis; budgeted revenues will be recognized when earned and budgeted expenses will be recognized when incurred, regardless of the timing of related cash flows. The expenditure budget is prepared on a comparable basis to Generally Accepted Accounting Principles, with the exception of debt service (including principal and interest)

that is budgeted in full when due. Depreciation and interest expense are recorded as expenses for financial statement purposes (depreciation is not budgeted).

The annual audited financial statements are presented in accordance with accounting standards generally accepted in the United States of America for proprietary funds of governmental entities. The Brownsville PUB complies with all applicable pronouncements of the GASB. The Brownsville PUB is accounted for as a proprietary fund. Proprietary funds are used to account for operations that are financed and operated in a manner similar to private business enterprises where the intent is to recover the cost of operations through user charges. A proprietary fund is accounted for on the "economic resources" measurement focus using the accrual basis of accounting, under which revenues are recognized in the accounting period in which they are earned and the related expenses are recorded in the accounting period incurred, if measurable. All assets and liabilities are included on the balance sheet. In accordance with GASB Statement No. 20, Accounting and Financial Reporting for Proprietary Funds and Other Governmental Entities that Use Proprietary Fund Accounting, the Brownsville PUB has elected not to follow pronouncements of the Financial Accounting Standards Board (FASB) issued after November 30, 1989.

### **Flow of Funds Bond Ordinance Covenants**

City Ordinance No. 2005-1438 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.

The following paragraphs briefly describe in summary form the manner in which Gross Revenues and Net Revenues are utilized and their priority of payment.

Plant Fund . . . The Ordinance requires all Gross Revenues to be deposited by the Brownsville PUB, as collected and received, into a separate account known as the Plant Fund. All Gross Revenues deposited into the Plant Fund shall be transferred for the following uses and in the order of priority shown below:

FIRST: to the payment of all necessary and reasonable Operating and Maintenance Expenses as defined in the Ordinance or required by statute (including, but not limited to, Chapter 1502, Texas Government Code, as amended) to be a first charge on and claim against the Gross Revenues, including the establishment of a fuel adjustment subaccount or similar accounts. In addition, the Brownsville PUB is required to retain in the Plant Fund a reserve amount to pay Operating and Maintenance Expenses of not less than two months of budgeted Operating and Maintenance Expenses for the current Fiscal Year (the "Operating Reserve Fund") which amount was funded initially in the amount of \$12,500,000 with lawfully available funds of the Brownsville PUB, and will be replenished as described in subparagraph ELEVENTH below.

SECOND: to the payment of the amounts required to be deposited into the Debt Service Fund created and established for the payment of the Senior Lien Obligations as the same become due and payable. (See "Debt Service Fund" below.)

THIRD: to the payment of the amounts required to be deposited into the Senior Lien Reserve Fund and other debt service reserves for Senior Lien Obligations created and established in accordance with the Ordinance to maintain the amounts required to be deposited in accordance with the provisions of the Ordinance or the ordinances relating to the issuance of any Additional Senior Lien Obligations.

FOURTH: to the payment of the amounts required to be deposited into the debt service fund created and established for the payment of the currently outstanding Junior Lien Obligations or any Additional Junior Lien Obligations hereafter issued by the City as the same become due and payable.

FIFTH: to the payment of the amounts required to be deposited into the reserve fund created and established in connection with the Junior Lien Obligations to maintain the amounts required to be deposited in accordance with the provisions of the ordinances relating to the issuance of the currently outstanding Junior Lien Obligations or any Additional Junior Lien Obligations hereafter issued by the City.

SIXTH: to the payment of the amounts required to be deposited into the debt service fund created and established for the payment of the Commercial Paper Obligations (to the extent the Commercial Paper Obligations are payable from a subordinate lien on the Net Revenues), or any Subordinate Lien Obligations hereafter issued by the City as the same become due and payable.

SEVENTH: to the payment of the amounts required to be deposited into the reserve fund, if any, created and established to maintain the amounts required to be deposited in accordance with the provisions of the ordinances relating to the currently outstanding Commercial Paper Obligations (to the extent the Commercial Paper Obligations are payable from a subordinate lien on the Net Revenues), or any Subordinate Lien Obligations hereafter issued by the City as the same become due and payable.

EIGHTH: to the payment of the amounts required to be deposited into the debt service fund created and established for the payment of any Inferior Lien Obligations as the same become due and payable.

NINTH: to the payment of the amounts required to be deposited into the reserve fund, if any, created and established to maintain the amounts required to be deposited in accordance with the provisions of the ordinances relating to the issuance of any Inferior Lien Obligations.

TENTH: to the payment of the amounts to be deposited into the City Transfer Fund and to be transferred to the City's General Fund as provided in the Ordinance. (See "Transfers to the City's General Fund" below.)

ELEVENTH: to the payment of the amount to replenish the Operating Reserve Fund to the amount required in subparagraph FIRST above.

TWELFTH: to the payment of the accrual to fund or to replenish the Capital Improvement Fund created and established by the Ordinance, along with the accumulation of any other surplus Net Revenues. (See "Capital Improvement Fund" below.)

Debt Service Fund . . . For purposes of providing funds to pay the principal of, premium, if any, and interest on the Senior Lien Obligations as the same become due and payable, the Brownsville PUB is required to maintain, at the Depository, a separate and special account or fund known as the Debt Service Fund. The Brownsville PUB is required to deposit into the Debt Service Fund prior to each principal and interest payment date from the available Net Revenues an amount equal to the amount required to fully pay the interest on and the principal of the Senior Lien Obligations then falling due and payable, such deposits to pay maturing principal and accrued interest on the Senior Lien Obligations to

be made by the Brownsville PUB in substantially equal monthly installments on or before the business day before the 15th day of each month, beginning on or before the business day before the 15th day of the month next following the delivery of the Bonds to the Underwriters. If the Net Revenues in any month are insufficient to make the required payments into the Debt Service Fund, then the amount of any deficiency in such payment is required to be added to the amount otherwise required to be paid into the Debt Service Fund in the next month.

Senior Lien Reserve Fund . . . The Ordinance requires the Brownsville PUB to create, establish, and maintain with a Depository a separate and special fund or account known as the Senior Lien Reserve Fund for the purpose of accumulating a reserve for the payment of the Senior Lien Obligations equal to the least of (1) 100% of the Maximum Annual Debt Service Requirements for the Senior Lien Obligations, (2) 125% of the Average Annual Debt Service Requirements for the Senior Lien Obligations and (3) 10% of the initial principal amount of the Outstanding Senior Lien Obligations (calculated by the Brownsville PUB at the beginning of each Fiscal Year and as of the date of issuance of the Bonds and each series of Additional Senior Lien Obligations) (the "Required Reserve Amount").

Junior Lien Reserve Fund . . . To accumulate and maintain a reserve for the payment of the Junior Lien Obligations equal to 100% of the Average Annual Debt Service Requirements (calculated by the Brownsville PUB at the beginning of each Fiscal Year and as of the date of issuance of each series of Additional Junior Lien Obligations) for the Junior Lien Obligations (the Junior Lien Required Reserve Amount), the Issuer agrees that the Brownsville PUB will create and establish, and shall maintain a separate and special fund or account known as the "City of Brownsville, Texas Utilities System Junior Lien Revenue Bond Reserve Fund" (the Junior Lien Reserve Fund), which Fund shall be maintained at the Depository. All funds deposited into the Junior Lien Reserve Fund shall be used solely for the payment of the principal of and interest on the Junior Lien Obligations, when and to the extent other funds available for such purposes are insufficient, and, in addition, may be used to retire the last Stated Maturity or Stated Maturities of or interest on the Junior Lien Obligations.

Transfers to the City's General Fund . . . For purposes of providing funds to transfer to the City's General Fund, the Ordinance requires the Brownsville PUB to create and maintain at the Depository a separate and special account or fund to be known as the City Transfer Fund. The Brownsville PUB is required to deposit into the City Transfer Fund from the available Adjusted Revenues an amount equal to one-third of the quarterly amount hereinafter described to be made by the Brownsville PUB to the City in substantially equal monthly installments on or before the business day before the 15<sup>th</sup> day of each month, beginning on or before the business day before the 15th day of the month next following the delivery of the Bonds to the Underwriters. After making each of the payments required by the provisions of subparagraphs FIRST through NINTH as described above under "Funds and Accounts and Flow of Funds - Plant Fund", the Designated Chief Financial Officer of the Brownsville PUB is required to transfer no later than the business day preceding the 15th day of the month following the end of each Fiscal Year quarter, an amount of money from the City Transfer Fund equal to ten percent (10%) (or such lesser amount as may be determined from time to time by the City Commission of the City) of the Gross Revenues received for the preceding Fiscal Year quarter, as adjusted in accordance with the next two following sentences, to be utilized by the City in the manner permitted by the provisions of Chapter 1502, as amended, Texas Government Code. Prior to applying the percentage set forth in the preceding sentence to determine the amount to be transferred to the City, the amount of Gross Revenues for a Fiscal Year quarter shall be reduced by an amount equal to all costs for the purchase of power, fuel and paid or incurred by the Brownsville PUB during such Fiscal Year quarter and by amounts paid by the Brownsville PUB to the Southmost Regional Water Authority with respect to the Southmost water project. Furthermore the amount of funds to be transferred to the City in accordance with the provisions



of the Ordinance shall be reduced by any amounts owed by the City to the Brownsville PUB for utility services provided by the Brownsville PUB. To the extent that the available Net Revenues in any quarter are insufficient for the Brownsville PUB to make all or part of the required transfer to the City, the Brownsville PUB shall make up such shortfall (i) in the next quarter in which available Net Revenues exceed the amounts required to make the transfer to the City pursuant to the foregoing provisions and the payment to the Operating Reserve Fund under the provisions of the Ordinance, or (ii) to the extent such shortfall has not been made up by the last quarter of the Fiscal Year, solely from any surplus funds deposited into the Capital Improvement Fund for such Fiscal Year.

Capital Improvement Fund . . . The Ordinance creates and establishes a special fund known as the Capital Improvement Fund. Money on deposit in the Capital Improvement Fund may be used for making any capital improvements to the System and for meeting contingencies of any nature in connection with the operations, maintenance, improvement, replacement, or relocation of properties constituting the System including, but not limited to, the replacement of any equipment relating to the System, as may be determined from time to time by the Brownsville PUB, and to fund the costs of any rate stabilization subaccount or any other similar subaccounts.

The Ordinance requires the City to deposit Net Revenues of the System, after making each of the payments required by the provisions of subparagraphs FIRST through ELEVENTH as described above under "Funds and Accounts and Flow of Funds - Plant Fund", into a Capital Improvement Reserve Fund of the Capital Improvement Fund in an annual sum equal to \$3,000,000 until the amount on deposit in the Capital Improvement Reserve Fund of the Capital Improvement Fund equals or exceeds \$15,000,000 (the "Capital Amount"). In the event that such annual payments are not made, the Brownsville PUB is required to request the City to establish sufficient rates and charges for the System to cure any such deficiency with respect to the accumulation of the Capital Amount within one year. When and so long as the cash and investments in the Capital Improvement Reserve Fund of the Capital Improvement Fund equals the Capital Amount, no deposits will be required to be made to the credit of the Capital Improvement Reserve Fund of the Capital Improvement Fund; but, if and when the Capital Improvement Reserve Fund Account of the Capital Improvement Fund at any time contains less than the Capital Amount, the City is required to cure the deficiency in the Capital Amount by resuming monthly deposits to said Fund from Net Revenues of the System, or at the option of the City from any other lawfully available funds, such monthly deposits to be in amounts equal to not less than 1/36th of the Capital Amount covenanted by the City to be maintained in the Capital Improvement Fund.

### **Budgetary Controls**

Controls are in place to reduce the possibility of overspending in individual line items. Requisitions that exceed budgeted amounts are flagged as such, and are not converted to purchase orders until the over-budget condition is corrected. This is accomplished by allowing departments to transfer budgets between line items within their purview.

### **Operating Revenues and Expenses**

Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with the Brownsville PUB's principal ongoing operations. The principal operating revenues of the Brownsville PUB are charges to customers for sales and services. Operating expenses include the cost of sales and services, administrative expenses, and depreciation on capital assets. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses.

The Brownsville PUB defines operating revenues consistent with the precepts of GASB Statement No. 9, paragraphs 16 to 19 and 31: cash receipts from customers, cash receipts from quasi-external transactions with the City and other governments, and other cash receipts that do not result from transactions defined as capital and related financing, non-capital financing, or investment activities.

### **Utility Service Revenue and Electric Purchased Power Expense**

Electric, water, and wastewater revenues are recognized as billed on a cycle basis with recognition of unbilled revenues year-end, based upon the meter reading dates for the unbilled portion of each cycle. Electric rate schedules include power cost adjustment clauses that permit recovery of purchased power costs, not included in base rates, in the month after such costs are incurred. The Brownsville PUB charges to expense the cost of purchased power in the period of purchase.

### **Capital Assets**

Utility plant-in-service is stated at cost which generally includes the cost of contracted services and certain materials and labor. Maintenance and repairs of property and items determined to be less than units of property are charged to operating and maintenance expenses; major plant replacements are capitalized. Assets acquired through contributions, such as those from land developers, are capitalized at estimated fair value at the date contributed. Capital assets are defined by the Brownsville PUB as assets with an initial, individual cost of more than \$5,000 and an estimated useful life in excess of eighteen months.

Meter and line transformer inventory have been included in utility plant to conform to Federal Energy Regulatory Commission guidelines.

Depreciation is computed using the straight-line method over the estimated useful lives of the assets.

### **Investments**

The Brownsville PUB invests funds in accordance with the Texas Public Funds Investment Act, bond indentures, and the Brownsville PUB's approved investment policy, which is approved annually by the Board of Directors. The investment policy was approved by the Board of Directors on September 11, 2023, which included an "Investment Strategy Statement" that addressed the understanding of investment suitability, the preservation and safety of principal, liquidity, marketability of the investment prior to maturity, diversification, and yield of the investment portfolio.

Investments consist primarily of United States Treasury Obligations, certificates of deposit, and government-backed securities. Statutes authorize the Brownsville PUB to invest in obligations of the United States or its agencies and instrumentalities; direct obligations of the State of Texas or its agencies; obligations of states, agencies, counties, cities and other political subdivisions of any state rated not less than A or its equivalent; certificates of deposit; prime domestic bankers' acceptances; eligible investment pools; certain commercial paper; certain mutual funds; and fully collateralized repurchase agreements. Investments are made only with certified brokers/dealers as required by the investment policy provisions and state law.

The Brownsville PUB follows the provisions of GASB Statement No. 31, Accounting and Financial Reporting for Certain Investments and for External Investment Pools. In accordance with GASB No. 31, the Brownsville PUB's general policy is to report short-term investments at amortized cost. All

other investments are reported at fair value. The term “short-term” refers to investments that have a remaining term to maturity of one year or less at time of purchase. Fair value determinations of all securities are made on a quarterly basis.

### **Cash Management Policies and Practices**

During the year, cash is invested in money market mutual funds, certificates of deposit, agencies, and various investment pools as either short term or long-term investments. Cash deposits are properly secured at all times per Brownsville PUB’s Investment Policy. Accordingly, cash deposits are either insured by federal depository insurance or collateralized. All collateral on deposits is held by a third-party institution in the Brownsville PUB’s name.

### **Capital Spending Guidelines**

Working as a team, Department Heads and key staff members developed a comprehensive departmental and system wide capital improvements plan, taking into consideration both expansion and major rehabilitation. After completion, the team met to discuss and evaluate the plans based on available working capital, anticipated impact fee collections, grant funding and long-term financing to determine which projects were prudent.

The Capital Improvement Plan (CIP) was then incorporated into the Capital Budget and put through the same rigorous scrutiny as the other budgets to determine which projects/items would be funded in this fiscal year.

At the time major capital expenditures are initiated, or when capital projects cannot be funded from rates or other sources, staff seeks Board approval to obtain alternative financing through bonds or short-term commercial paper (CP) issues.

### **Commercial Paper Program**

Short term debt, including commercial paper notes, shall be used when authorized for interim financing of capital projects approved by BPUB Board and to take advantage of lower interest rates in the short-term variable rate market, which provide the BPUB with flexibility in timing its entry into the long-term fixed rate market. Commercial paper notes shall be used for funding additions, improvements and extensions to the combined electric system, waterworks system, and sewer system included in BPUB’s annual CIP plan as approved by the Board.

Capital projects should be financed through a combination of cash referred to as pay-as-you-go financing (equity contributions from current net revenues) and debt. An annual funding ratio between 15% and 30% of equity contribution is desirable.

Commercial Paper will be paid with cash or refunded with long term revenue refunding bonds when economic and business conditions are appropriate. Debt financing for capital projects will not exceed the useful life of the asset, and in no case shall the term exceed 30 years. There shall always be at least interest paid in the first fiscal year after the sale of the revenue refunding bonds and principle starting generally no later than the second fiscal year after the issue. Bond sales which are structured to achieve level debt service payments on an issue by issue basis are desirable.

### **Debt Service Coverage Ratio**

The Debt Service Coverage Ratio is estimated at 1.89 for FY 2024, compared to 3.03 unaudited actual for FY 2023, and 1.90 in the Amended FY 2023 Budget.

The Utility's minimum coverage for Senior lien debt is 1.25 times which is required by bond covenants.

### **Transfers to the City**

The issuance of the 2005A and 2005B refunding bonds modified certain existing covenants which included the calculation of the transfers to the City. Beginning FY 2006, transfers to the City are made on a quarterly basis calculated at ten percent (10%) of the gross revenues received for the preceding fiscal year quarter, as adjusted in accordance with the following: (1) prior to applying the percentage set forth above to determine the amount to be transferred to the City, the amount of gross revenues for a fiscal year quarter shall be reduced by an amount equal to all costs for the purchase of power and fuel paid or incurred by the Brownsville PUB during such fiscal year quarter as well as funding requirements for the SRWA and (2) the amount of funds to be transferred to the City shall be reduced by any amounts owed by the City to the Brownsville PUB for utility services.

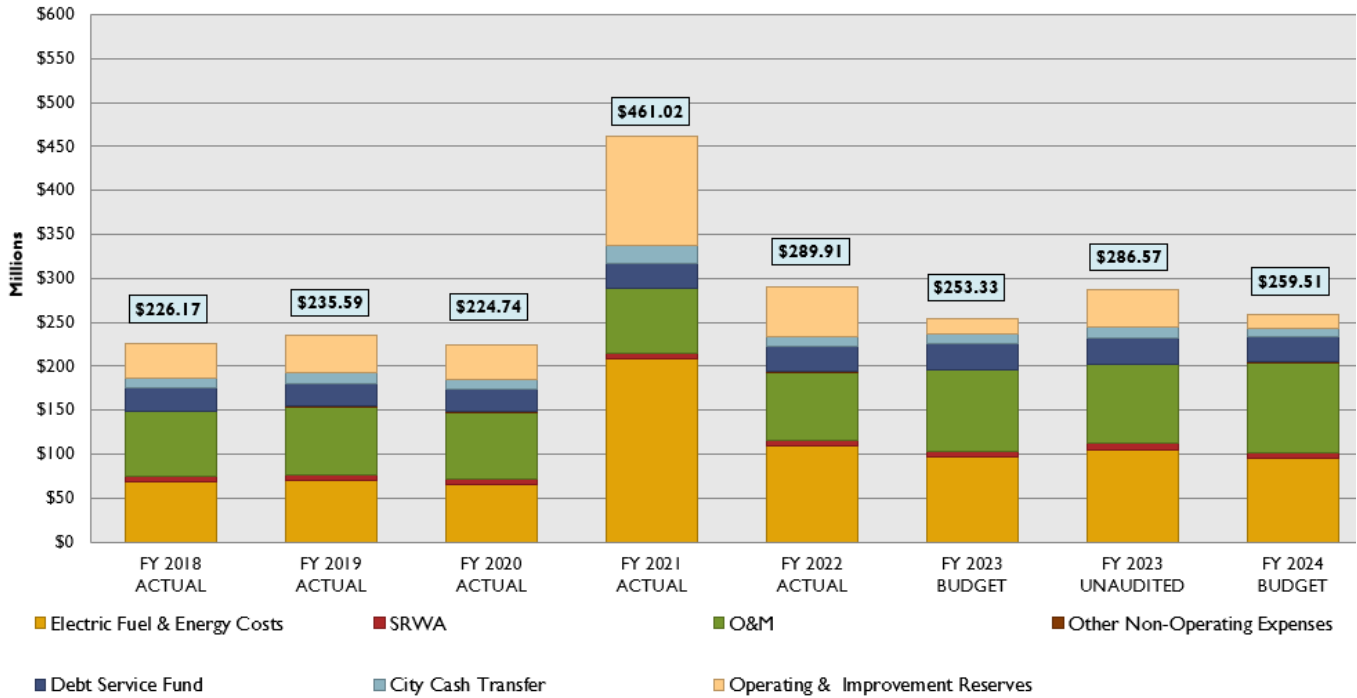
Prior to FY 2006, Article VI of the Charter provided for the transfer to the City's general fund by the Brownsville PUB from "Surplus Funds" available at the close of each fiscal year (after retaining in the Plant Fund an amount deemed by the Brownsville PUB to be sufficient to pay system operation and maintenance expenses for the next 60 days), to the extent available, the greater of \$400,000 or 50% of such surplus funds. Surplus funds, as defined in the Charter, are amounts remaining in the Plant Fund at the close of each fiscal year after all Charter requirements and after all payments have been fully and timely made into funds created by ordinances authorizing outstanding bonds secured by a pledge of the system's net revenues. Required payments to the City for the years ended September 30, 2023 and 2022 totaled \$12,007,722 and 12,477,803, respectively, of which \$4,753,290 and \$4,212,940 respectively, was payable at September 30, 2023 and 2022.

Following is the computation for distribution to the City of Brownsville for FY 2024:

Gross Revenue	\$ 259,510,105
Less:	
Fuel & Energy Costs	85,720,000
Off-system Sales Expenses	9,000,000
Southmost Regional Water Authority (SRWA)	7,257,738
Adjusted Gross Revenues	<u>\$ 157,532,367</u>
Budgeted COB Transfer at 10% of Adjusted Gross Revenues	\$ 15,753,237
Less:	
COB Usage and Other	<u>(6,015,909)</u>
Net Cash Transfer to COB	<u>\$ 9,737,328</u>

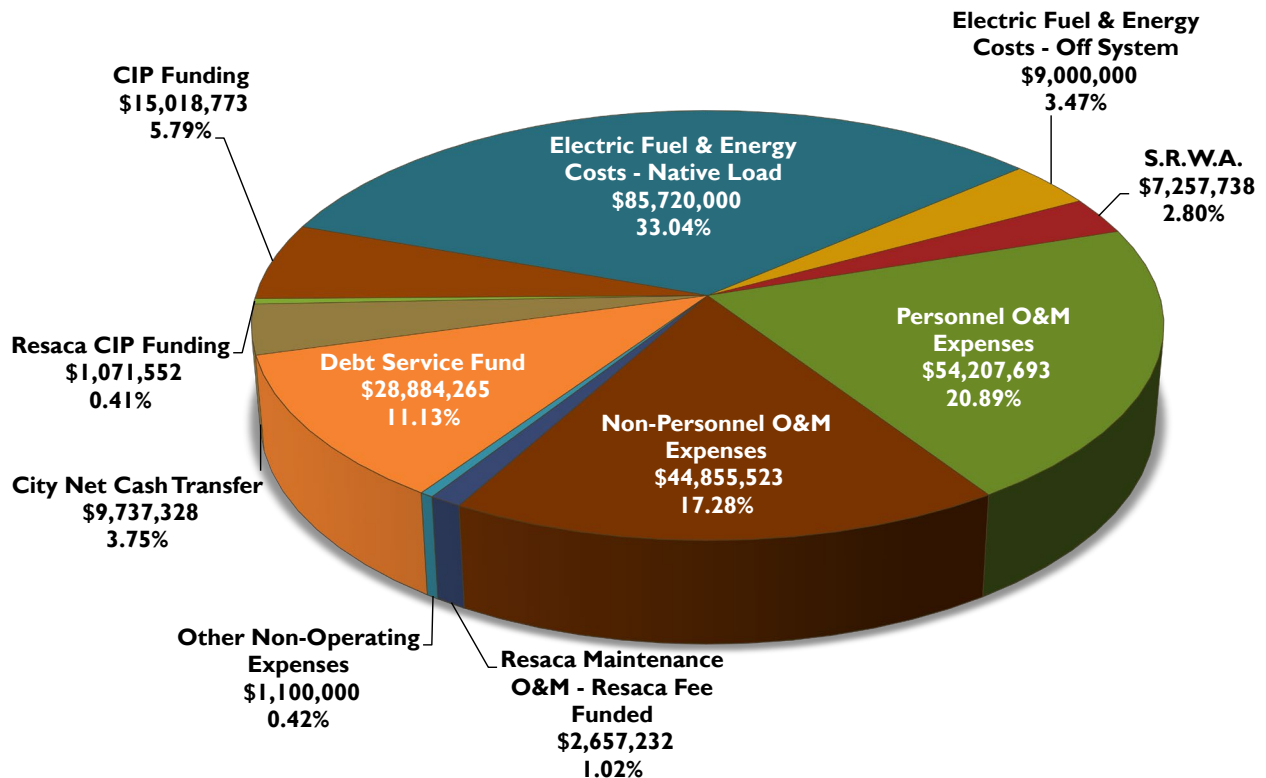
# ***BUDGET RECAP***

## TOTAL COMBINED UTILITY REQUIREMENTS

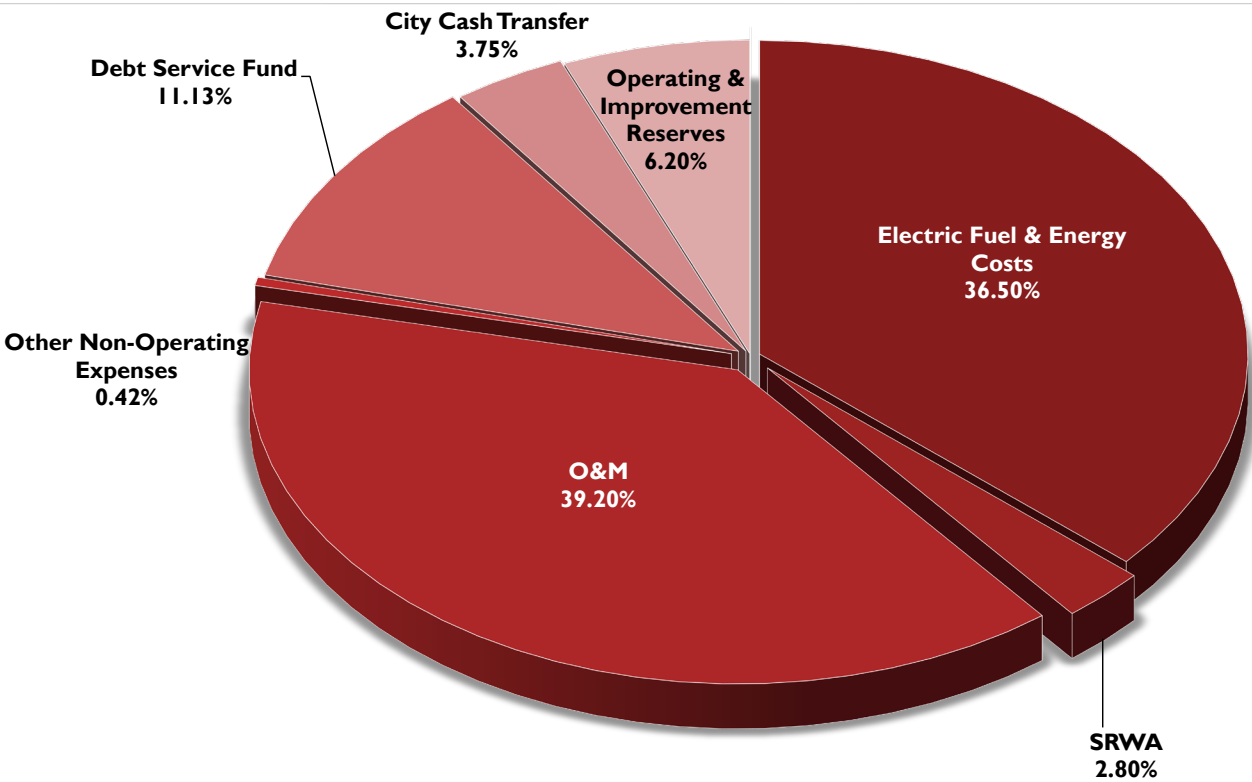


Note: The unusually high Electric Fuel & Energy Costs and Operating & Improvement Reserves in FY 2021 are attributable to the Winter Storm Uri event in February 2021.

## FY 2024 USES OF FUNDS (\$259,510,105)



# FY 2024 REQUIREMENTS AS A PERCENT OF TOTAL BUDGET

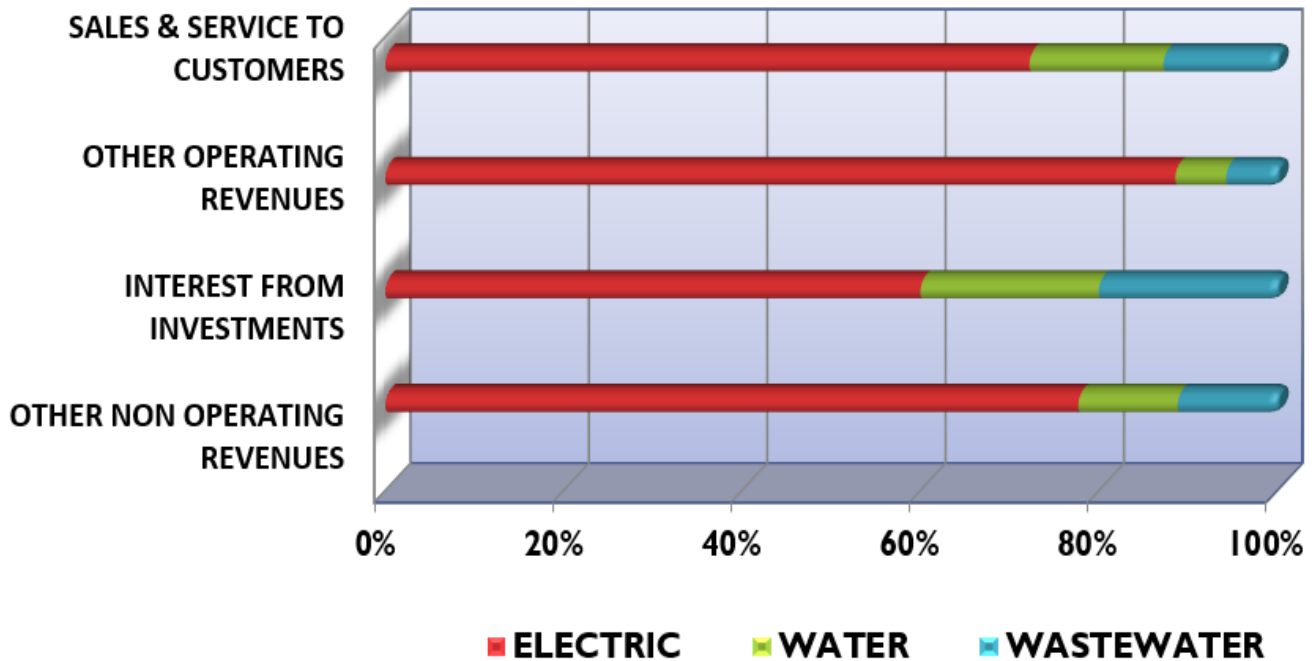


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## BUDGET RECAP FY 2024 REVENUES

	<u>SALES &amp; SERVICE TO CUSTOMERS</u>	<u>OTHER OPERATING REVENUES</u>	<u>INTEREST FROM INVESTMENTS</u>	<u>OTHER NON- OPERATING REVENUES</u>	<u>TOTAL</u>
ELECTRIC	\$ 171,949,448	\$ 12,068,135	\$ 3,600,000	\$ 1,430,000	\$ 189,047,583
WATER	35,789,650	777,192	1,200,000	205,000	37,971,842
WASTEWATER	30,308,488	777,192	1,200,000	205,000	32,490,680
<b>TOTAL REVENUE</b>	<b>\$ 238,047,586</b>	<b>\$ 13,622,519</b>	<b>\$ 6,000,000</b>	<b>\$ 1,840,000</b>	<b>\$ 259,510,105</b>

## FY 2024 REVENUES UTILITY PERCENT BY REVENUE TYPE





**OPERATIONS & MAINTENANCE EXPENSE RECAP BY TYPE**  
**FY 2014 - FY 2024**

TYPE	FY 2014	FY 2015	FY 2016	FY 2017
61 Personnel Salaries & Wages	\$ 22,404,937	\$ 23,121,728	\$ 24,070,435	\$ 25,660,355
62 Personnel Services	11,521,694	10,151,354	12,823,206	15,490,675
71 Operating Office Expenses	4,554,927	4,698,777	4,889,941	4,691,445
72 Operating Materials & Supplies	4,982,058	4,846,856	4,788,075	4,147,717
73 Operating Miscellaneous General Exp	9,773,350	11,042,760	10,629,351	11,529,269
74 Operating Transportation Expense	1,219,496	1,072,288	1,006,454	1,067,438
75 Operating Maint. of General Plant	3,688,413	2,983,094	2,666,119	2,147,117
76 Operating Consultants/Outside Svc	9,059,971	8,449,677	9,712,243	10,433,864
77 Operating Fuel & Purchase Power	67,598,265	68,002,097	59,987,648	67,049,242
78 Operating Purch/Minor Tools & Equip	1,018,516	1,271,213	1,022,540	1,220,698
<b>Grand Total</b>	<b>\$ 135,821,627</b>	<b>\$ 135,639,845</b>	<b>\$ 131,596,011</b>	<b>\$ 143,437,819</b>

**LESS:**

Fuel & Purchased Power & Off System Expenses	\$ 67,598,265	\$ 68,002,097	\$ 59,987,648	\$ 67,049,242
SRWA Obligations	4,942,996	5,738,013	5,910,676	5,878,725

<b>Subtotal</b>	<b>\$ 63,280,366</b>	<b>\$ 61,899,735</b>	<b>\$ 65,697,687</b>	<b>\$ 70,509,852</b>
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Less Personnel	\$ 33,926,631	\$ 33,273,082	\$ 36,893,641	\$ 41,151,030
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<b>Non-Personnel</b>	<b>\$ 29,353,735</b>	<b>\$ 28,626,653</b>	<b>\$ 28,804,046</b>	<b>\$ 29,358,822</b>
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TYPE	FY 2018	FY 2019	FY 2020	FY 2021
61 Personnel Salaries & Wages	\$ 26,840,938	\$ 26,637,072	\$ 27,713,343	\$ 27,271,379
62 Personnel Services	14,110,911	18,381,584	14,674,898	13,346,401
71 Operating Office Expenses	4,632,610	4,538,278	4,296,646	3,932,184
72 Operating Materials & Supplies	4,078,742	3,583,002	3,882,716	3,802,489
73 Operating Miscellaneous General Exp	11,782,886	11,294,225	11,791,059	11,495,746
74 Operating Transportation Expense	1,308,252	1,279,683	1,096,262	1,403,298
75 Operating Maint. of General Plant	4,421,339	3,722,801	3,642,044	3,461,364
76 Operating Consultants/Outside Svc	11,602,571	12,240,833	12,612,712	13,794,094
77 Operating Fuel & Purchase Power	68,391,914	70,463,755	65,996,582	209,098,696
78 Operating Purch/Minor Tools & Equip	1,388,318	1,404,158	1,665,680	1,374,531
<b>Grand Total</b>	<b>\$ 148,558,482</b>	<b>\$ 153,545,391</b>	<b>\$ 147,371,941</b>	<b>\$ 288,980,181</b>

**LESS:**

Fuel & Purchased Power & Off System Expenses	\$ 68,391,914	\$ 70,463,755	\$ 65,996,582	\$ 209,098,696
SRWA Obligations	5,934,637	5,953,229	5,899,247	5,394,293

<b>Subtotal</b>	<b>\$ 74,231,931</b>	<b>\$ 77,128,407</b>	<b>\$ 75,476,112</b>	<b>\$ 74,487,192</b>
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Less Personnel	\$ 40,951,849	\$ 45,018,656	\$ 42,388,241	\$ 40,617,779
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<b>Non-Personnel</b>	<b>\$ 33,280,081</b>	<b>\$ 32,109,751</b>	<b>\$ 33,087,871</b>	<b>\$ 33,869,413</b>
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TYPE	FY 2022	AMENDED FY 2023 BUDGET	UNAUDITED FY 2023	APPROVED FY 2024 BUDGET
61 Personnel Salaries & Wages	\$ 29,148,324	\$ 31,564,101	\$ 32,304,747	37,866,578
62 Personnel Services	9,635,737	16,893,613	17,055,137	17,618,877
71 Operating Office Expenses	5,026,165	4,535,309	5,969,444	4,737,265
72 Operating Materials & Supplies	4,591,130	6,565,153	5,596,421	5,962,425
73 Operating Miscellaneous General Exp	12,488,002	15,443,498	13,269,447	14,266,712
74 Operating Transportation Expense	1,697,884	1,472,627	1,917,136	1,525,937
75 Operating Maint. of General Plant	4,703,448	4,619,252	5,028,908	7,050,764
76 Operating Consultants/Outside Svc	14,960,438	16,653,234	14,815,246	18,436,841
77 Operating Fuel & Purchase Power	109,408,137	96,165,846	104,614,950	94,720,000
78 Operating Purch/Minor Tools & Equip	1,304,497	1,328,469	1,356,340	1,512,788
<b>Grand Total</b>	<b>\$ 192,963,762</b>	<b>\$ 195,241,102</b>	<b>\$ 201,927,775</b>	<b>\$ 203,698,186</b>

**LESS:**

Fuel & Purchased Power & Off System Expenses	\$ 109,408,137	\$ 96,165,844	\$ 104,614,950	\$ 94,720,000
SRWA Obligations	6,115,872	7,401,467	7,401,467	7,257,738

<b>Subtotal</b>	<b>\$ 77,439,753</b>	<b>\$ 91,673,791</b>	<b>\$ 89,911,358</b>	<b>\$ 101,720,448</b>
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Less Personnel	\$ 38,784,061	\$ 48,457,714	\$ 49,359,884	\$ 55,485,455
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<b>Non-Personnel</b>	<b>\$ 38,655,692</b>	<b>\$ 43,216,076</b>	<b>\$ 40,551,474</b>	<b>\$ 46,234,994</b>
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# OPERATIONS & MAINTENANCE EXPENSE RECAP BY ACCOUNT

## FY 2019 - FY 2024

Account	Actual 2019	Actual 2020	Actual 2021	Actual 2022	Amended Budget 2023	Unaudited Actual 2023	Approved Budget 2024
<b>Personnel O&amp;M</b>							
6101 Supervision	\$ 6,763,021	\$ 7,427,889	\$ 7,602,080	\$ 7,646,762	\$ 8,302,376	\$ 8,196,616	\$ 9,787,270
6105 Administrative Staff	4,691,283	4,710,933	4,626,358	4,795,847	5,357,535	5,387,978	6,490,301
6110 Clerical staff	2,895,514	3,032,430	2,980,632	3,039,753	3,311,599	3,441,628	4,084,265
6115 Operational staff	10,887,151	10,936,093	10,276,834	11,703,905	12,675,851	12,542,234	15,101,819
6120 Part-time staff	254,653	365,789	295,976	298,775	256,250	392,913	290,000
6130 Overtime	1,145,450	1,225,301	1,479,973	1,658,258	1,660,490	2,343,379	2,112,923
6140 Severance Pay	-	14,909	9,527	5,023	-	-	-
6201 T.M.R.S.	7,336,202	5,385,809	2,832,598	52,636	5,112,633	6,278,043	6,538,801
6205 F.I.C.A.	1,572,123	1,647,444	1,621,292	1,745,063	1,831,822	1,944,949	2,218,775
6206 Suta	13,129	23,513	5,875	8,867	-	4,621	-
6210 Medicare	375,705	391,493	385,627	414,074	431,740	459,905	518,908
6214 Dental Insurance	264,830	302,614	297,213	292,232	348,137	288,632	320,016
6215 Hospitalization insurance	4,984,125	5,602,554	5,539,111	5,267,581	7,662,255	6,243,592	7,567,652
6216 Other Post-Employment Benefits (ins)	2,630,485	924,189	1,396,993	325,384	-	-	-
6220 Life Insurance	24,131	23,154	22,844	22,900	34,241	25,366	40,488
6221 Long Term Disability Insurance	36,085	47,685	46,977	47,648	58,543	82,898	70,678
6225 Workers Compensation	684,077	715,389	705,572	755,220	740,506	832,572	894,667
6230 Vacation leave	109,821	672,658	308,849	266,186	375,943	22,822	451,016
6235 Sick leave	117,671	(1,275,842)	12,809	276,768	413,626	627,625	496,223
6240 Educational assistance	12,074	6,978	9,828	10,637	7,000	7,841	10,000
6242 Auto Benefits	97,991	94,500	86,366	91,731	109,500	94,443	118,501
6243 Telephone Benefits	16,640	14,604	12,924	13,635	18,481	13,635	16,801
6250 Miscellaneous personnel benefits	106,496	98,156	47,004	45,177	3,074,358	128,192	286,275
6260 Vacancy Savings	-	-	-	-	(2,649,561)	-	(1,765,920)
6266 RESTORE Offset-Personnel	-	-	-	-	(675,610)	-	(214,005)
6280 Gift Cards	-	-	14,519	-	-	-	50,000
<b>Personnel O&amp;M Total</b>	<b>45,018,656</b>	<b>42,388,241</b>	<b>40,617,779</b>	<b>38,784,062</b>	<b>48,457,715</b>	<b>49,359,884</b>	<b>55,485,454</b>
<b>Non-personnel O&amp;M</b>							
7101 Advertising	178,989	174,018	182,655	175,116	191,500	188,117	225,300
7102 Sponsorships	162,400	142,965	44,400	188,000	100,000	135,110	175,000
7105 Books & periodicals	9,893	8,463	7,905	9,054	8,500	28,399	11,194
7110 Dues & memberships	163,012	163,097	119,348	175,288	183,786	240,030	221,190
7115 Educational material	16,369	2,847	944	1,969	1,000	2,036	1,300
7120 Office supplies	156,550	123,199	112,652	134,712	117,670	142,717	112,324
7125 Photo equipment/supplies	271	300	-	21	10,200	405	10,000
7130 Postage/shipping charges	365,490	331,771	131,607	52,453	54,916	76,968	55,523
7135 Telephone expenses	352,616	370,561	344,164	367,548	350,650	396,002	360,634
7140 Training expenses	194,274	92,927	184,539	256,536	250,693	338,932	415,987
7145 Travel expenses	252,250	129,303	10,689	89,147	204,814	191,588	199,936
7147 Mileage Reimbursement (InTownExp)	951	2,046	300	276	1,600	272	700
7150 Recruitment Expenses	3,148	1,472	-	3,090	1,500	6,182	4,500
7155 Initial Certificatn/Licensing Reimb	298	-	-	198	2,400	-	2,000
7180 Utilities - departmental	2,588,319	2,648,333	2,690,899	3,449,459	2,947,091	4,035,661	2,824,203
7190 Utilities - CP&L & Mvec	93,424	101,866	102,349	118,695	108,940	129,095	116,949
7199 Miscellaneous office expenses	27	3,477	(267)	4,603	50	57,931	525
7201 Barricades & signs	1,844	5,571	7,070	9,881	7,400	11,792	9,621
7203 Sand, Caliche, Gravel, Concrete etc	79,446	38,170	78,480	165,437	82,550	68,738	127,145
7205 Lamps, globes & flares	8,510	7,504	659	-	-	-	-
7210 Landscaping/Trade a Tree Program	4,081	1,763	783	522	6,250	3,975	3,814
7215 Laundry & janitorial supplies	3,004	3,805	4,154	4,354	5,550	5,024	4,879
7220 Medical supplies	306	-	-	177	3,000	53	2,540
7225 Safety supplies	136,859	269,091	258,814	217,055	229,430	238,223	199,124
7251 Purchased of Raw Water	26,750	27,778	16,733	12,898	30,000	20,844	18,158
7279 Ultraviolet light system expenses	277,680	208,187	149,972	62,478	185,000	72,382	167,961
7280 Chemicals - activated carbon	40,447	53,970	58,093	105,918	229,016	114,893	188,126
7281 Chemicals - ammonia	81,413	79,386	61,904	79,833	221,416	186,885	185,443
7282 Chemicals - caustic soda	127,479	110,681	109,453	134,165	331,010	201,366	231,487
7283 Chemicals - chlorine	204,616	222,900	212,406	386,702	768,384	650,699	724,044
7284 Chemicals - coagulant	587,756	672,944	672,535	1,244,659	1,611,546	1,363,273	1,282,495
7285 Chemicals - copper sulphate	3,415	3,532	-	5,960	3,500	5,960	5,447
7286 Chemicals - deodorants	12,079	5,362	6,703	4,465	10,000	8,655	9,079
7288 Chemicals - ferric chloride	406	-	-	-	-	-	-
7290 Chemicals - sodium chloride	119,824	127,280	154,200	206,927	390,196	217,380	224,393
7293 Chemicals - other	384,329	375,207	373,374	296,779	869,925	540,143	609,071
7299 Other materials & supplies	1,482,759	1,669,587	1,637,156	1,652,920	1,580,980	1,886,136	1,969,598
7301 Bad debt expense	474,191	609,378	636,000	676,770	620,000	309,171	581,422
7302 Bankruptcy expenses	(326)	(2,024)	(1,284)	(478)	-	463	200
7304 Hurricane Preparedness Expenses	269,550	353,394	248,099	295,087	315,000	290,718	281,000
7305 ERCOT expenses	977,679	1,281,303	1,070,737	812,646	1,083,500	203,930	165,395

# OPERATIONS & MAINTENANCE EXPENSE RECAP BY ACCOUNT - CONTINUED

## FY 2019 - FY 2024

Account	Actual 2019	Actual 2020	Actual 2021	Actual 2022	Amended Budget 2023	Unaudited Actual 2023	Approved Budget 2024
<b>Non-personnel O&amp;M - cont.</b>							
7310 Federal, state, & local fees	465,909	435,630	397,910	409,793	423,550	418,942	384,137
7315 Food, meals, ice, water	54,055	37,970	28,931	40,478	14,750	81,916	80,049
7320 Official functions	22,936	4,910	-	2,120	7,500	423	28,300
7322 Recognition Program	90,166	63,350	46,450	21,252	57,200	48,528	61,000
7325 Rental of equip/storage/land	465,221	575,455	575,438	615,734	817,440	789,772	749,689
7330 Right of way fees	42,453	32,676	35,043	39,929	368,000	59,338	387,000
7335 Wearing apparel & dry goods	303,513	129,175	118,408	142,036	127,691	136,580	133,528
7340 Promo Exp-Energy Efficiency & Consvr	17,275	13,400	15,722	12,842	18,000	19,950	27,500
7345 Rebate Exp-Energy Efficiency & Cnsrv	265,537	231,916	311,320	256,954	220,000	178,638	199,000
7346 Water Efficiency Program	-	-	-	-	-	-	-
7347 Commercial & Industrial Rebate Prog	189,137	128,488	52,586	72,325	100,000	24,824	85,000
7348 Customer Assistance Program	15,029	35,033	46,694	10,935	30,000	3,100	30,000
7380 Insurance - general liability	57,560	116,063	104,936	63,459	51,000	48,396	67,200
7381 Insurance - boiler,mchnry,property	915,779	1,116,362	1,591,434	1,948,166	2,500,000	2,166,565	2,511,487
7382 Insurance - blanket bond	5,670	5,721	6,050	5,971	6,500	5,655	6,219
7384 Insurance - public officials liab	63,559	65,096	70,059	91,609	100,000	101,524	110,000
7385 Insurance - comprehensive auto liab	128,417	148,608	163,175	170,528	174,650	172,371	200,200
7386 Insurance - umbrella liability	441,203	451,642	489,642	593,435	800,000	688,316	757,148
7387 Insurance - self insured damages	17,197	13,359	36,633	25,945	125,000	42,859	80,000
7388 Excess Workers Compensation	59,284	44,907	57,469	64,595	82,250	76,003	83,500
7405 Auto body repairs	-	12,646	13,071	16,730	15,000	43,800	15,000
7410 Batteries	-	-	-	-	-	-	-
7415 Fuels & lubricants	673,329	512,516	697,709	955,982	952,627	1,040,427	967,910
7420 Parts	497,530	447,961	529,768	547,046	375,000	669,186	425,000
7425 Road service	56,275	77,508	78,621	57,440	40,000	34,817	36,316
7430 Tires	52,550	45,630	84,130	120,687	90,000	128,907	81,711
7501 Maint. of buildings & structures	173,842	310,272	176,016	324,155	438,000	420,752	365,470
7505 Maint. of communication equipment	10,023	7,007	24,213	26,661	13,044	8,840	18,132
7515 Maint. of major equipment	1,573,072	571,651	734,661	1,142,776	1,039,000	1,527,190	930,289
7520 Maint. of minor equipment	18,847	62,377	41,504	80,288	77,000	86,098	64,811
7525 Maint. of boiler plant	58,587	158,969	143,397	575,204	348,000	178,787	2,724,513
7530 Maint. of electric meters	230,169	166,408	105,405	161,503	120,000	168,277	170,000
7535 Maint. of electric plant	-	508	49	-	500	2,386	2,000
7540 Maint. of line transformers	85,560	89,225	116,016	91,207	288,000	654,736	295,900
7550 Maint. of overhead lines	154,722	117,713	54,324	117,800	64,800	97,123	63,300
7555 Maint. of station equipment	24,624	28,009	66,855	54,909	50,000	131,139	489,000
7565 Maint. of street lighting & signals	409,983	951,224	806,588	804,079	881,900	523,008	612,850
7570 Maint. of underground lines	291,352	238,950	245,215	445,502	350,500	290,486	407,700
7574 Maintenance of wells	111,276	61,355	12,421	23,227	25,000	47,945	36,316
7575 Maint. of water meters	333,872	397,698	341,141	317,517	325,000	199,288	226,975
7577 Maint. of distribution mains	83,423	70,510	230,769	289,834	234,752	479,170	354,081
7580 Maint. of reservoirs	59,278	180,475	233,670	118,630	213,956	38,535	141,632
7581 Maint. of resacas	20,600	131,581	1,786	1,857	20,000	12,345	26,341
7585 Maint. of sewer force mains	557	1,618	4,228	6,248	8,000	16,246	7,263
7586 Maint. of sewer gravity lines	40,809	50,021	87,798	106,354	75,000	141,062	96,691
7599 Maintenance / other	42,208	46,475	35,309	15,698	46,800	5,495	17,500
7601 Legal Fees	2,141,679	2,220,556	2,338,155	1,576,224	1,810,474	781,458	1,038,508
7605 Engineering fees	619,202	450,017	188,368	305,521	1,162,214	296,941	1,218,579
7610 Financial advisor services	45,000	130,388	86,527	82,127	70,000	103,398	60,000
7615 External auditor fees	56,500	15,205	117,201	65,164	69,900	47,500	66,000
7620 Environmental consulting fees	27,865	64,597	112,524	72,369	65,000	76,313	59,000
7630 Construction contractor services	471,148	381,014	548,589	1,012,637	880,000	933,808	987,412
7635 Software maintenance service fees	1,278,408	1,444,868	1,639,911	1,717,511	1,804,238	1,677,565	2,122,173
7645 Maintenance services	2,646,134	2,130,879	1,897,496	2,533,283	2,606,041	2,371,195	2,459,104
7647 Remote Reading Services	-	-	-	-	-	-	1,848,408
7650 Security services	632,059	1,188,184	1,258,558	1,540,515	1,526,812	1,624,638	166,144
7655 Hauling Services	141,694	66,895	126,572	94,821	117,000	137,704	10,000
7660 Ground Keeping Maintenance	366,444	396,784	499,972	618,372	550,000	874,920	976,440
7663 Janitorial Services	-	-	-	-	-	-	550,000
7696 RESTORE Offset-Nonpersonnel	-	-	-	-	(2,428,167)	-	(1,487,409)
7697 O&M Contingency-Maintenance Pool	-	-	-	-	400,000	-	500,000
7698 O&M Contingency-Budget Pool	-	-	-	-	1,200,000	-	500,000
7699 Other services	3,814,701	4,123,325	4,980,222	5,341,895	6,819,723	5,889,806	7,362,482
7801 Communication equipment	51,134	26,594	41,191	20,266	48,268	22,356	47,718
7805 Computer equipment	303,387	540,838	316,466	371,374	466,765	318,048	478,691
7806 Software licenses-new	138,653	151,722	123,324	108,768	119,558	89,766	234,464
7810 Laboratory equipment	95,515	69,768	82,276	22,706	59,652	42,463	61,696
7820 Office furniture & equipment	70,591	46,475	21,154	28,203	-	10,170	8,406
7830 Pumping equipment	194,386	210,612	331,576	281,770	275,500	466,480	291,610
7835 Tools, shop and garage equipment	70,488	71,255	83,021	90,005	63,225	103,028	91,901
7840 Water treatment equipment	29,674	34,668	25,216	6,175	15,000	54,795	54,474
7899 Other minor tools & equipment	450,331	513,748	350,307	375,230	280,500	249,236	243,828
<b>Non-personnel O&amp;M Total</b>	<b>32,109,752</b>	<b>33,087,871</b>	<b>33,869,413</b>	<b>38,655,696</b>	<b>43,216,076</b>	<b>40,551,474</b>	<b>46,234,994</b>

# OPERATIONS & MAINTENANCE EXPENSE RECAP BY ACCOUNT - CONTINUED

## FY 2019 - FY 2024

Account	Actual 2019	Actual 2020	Actual 2021	Actual 2022	Amended Budget 2023	Unaudited Actual 2023	Approved Budget 2024
<b>Type 77 - Fuel &amp; Purchased Power</b>							
7701 Fuel - Natural gas - Silas Ray	1,235,346	1,198,891	8,591,978	1,948,866	2,000,000	1,704,551	2,000,000
7702 Fuel - Natural Gas - Hidalgo Energy	7,491,013	8,021,431	33,315,139	19,274,254	15,000,000	9,722,575	10,000,000
7704 Fuel - TETCO/Hinshaw Pipeline	551,861	838,119	1,095,257	940,443	1,500,000	872,428	1,000,000
7705 Fuel - Coal - Oklaunion	9,304,377	3,778,547	-	-	-	-	-
7706 Fuel-Diesel-Distributed Generation	-	-	12,977	7,020	-	-	-
7707 Fuel - Diesel oil - Oklaunion	197,593	90,616	-	-	-	-	-
7708 Fuel - Natural Gas Tranp-SilasRay	79,090	122,914	120,331	96,926	200,000	192,633	200,000
7709 Fuel - Gas Hedging Settlements	-	-	-	-	-	89,102	3,000,000
7714 Pchp - Wind Resources	7,979,936	3,149,159	-	3,328,180	5,000,000	4,026,889	5,000,000
7720 Pchp - Resource Imbalance	6,936,621	6,653,338	2,315,270	6,875,770	4,500,000	12,441,528	12,000,000
7721 Pchp - Economy power	6,027,609	7,169,856	60,597,664	23,261,861	18,000,000	26,729,842	15,000,000
7724 Pchp - Fixed Energy - AEP PPA	-	-	10,637,679	14,236,695	14,000,000	14,265,206	14,000,000
7726 Pchp - Bilateral Energy Expns-Gas	-	-	13,490,400	-	8,181	-	7,103
7727 Pchp - Bilateral Energy-Gas Transp	-	-	-	-	818	-	710
7729 Pchp - TCOS (Wheeling)	8,043,011	8,675,265	-	9,242,257	8,800,000	8,405,542	8,800,000
7731 Pchp - Fixed expenses - Oklaunion	4,352,561	3,805,918	9,848,333	-	-	-	-
7732 Pchp - Hidalgo Fixed Operation Fee	3,213,956	3,231,030	-	4,146,274	4,445,846	5,564,132	5,000,000
7733 Pchp - Bilateral Ancillary Services	3,159,197	1,473,738	3,223,658	4,962,520	4,700,000	6,833,618	3,500,000
7735 Pchp - Regularoty and Contractual	-	-	-	-	-	84,175	100,000
7736 Pchp - QSE Charges	402,416	404,101	30,187,914	410,728	420,000	416,929	420,000
7737 Pchp - Ercot Charges	1,119,473	1,055,882	405,741	905,114	1,300,000	1,431,189	1,700,000
7738 Pchp - CSC Congestion Cost (CSCBE)	2,122,757	4,932,015	1,798,044	6,937,072	6,500,000	431,041	3,500,000
7740 Power marketing services	495,848	321,856	(1,193,743)	562,147	800,000	793,394	500,000
7750 Pchp - Real Time Energy - Wind	2,676,969	4,310,175	1,932,530	6,014,839	4,908,645	5,508,026	4,261,700
7751 Pchp - Reliability Unit Cmt Exp-Gas	-	2,203	8,423,072	13,956	81,811	42,283	71,028
7752 Pchp - Reliab Unit Cmt - Gas Transp	-	304	7,041	565	8,181	4,646	7,103
7753 Pchp - Day Ahead Energy Exp-Gas	276,008	941,764	445	425,278	409,054	229,978	355,142
7754 Pchp - Day Ahead Energy-Gas Transp	24,245	77,604	51,023	25,133	40,905	33,145	35,514
7755 Pchp - Real Time Energy Exp-Gas	2,677,424	1,928,397	38,626	5,510,357	3,108,808	4,323,482	3,551,417
7756 Pchp - Real Time Energy - Gas Transp	185,027	197,919	23,021,154	281,881	24,543	468,617	355,142
7759 Pchp - Real Time Energy - Coal	1,424,261	387,351	1,165,867	-	-	-	-
7760 Pchp - Day Ahead Energy-Wind	487,155	3,228,190	12,296	-	409,054	-	355,141
<b>Fuel &amp; Purchased Power Total</b>	<b>70,463,755</b>	<b>65,996,582</b>	<b>209,098,696</b>	<b>109,408,137</b>	<b>96,165,844</b>	<b>104,614,950</b>	<b>94,720,000</b>
<b>SRWA</b>							
7306 SRWA O&M Assessment	3,818,338	3,785,726	3,960,083	4,000,741	5,285,010	5,285,010	5,142,961
7307 SRWA Dbt Svc Assessment	2,134,891	2,113,521	1,434,210	2,115,131	2,116,457	2,116,457	2,114,777
<b>SRWA Total</b>	<b>5,953,229</b>	<b>5,899,247</b>	<b>5,394,293</b>	<b>6,115,872</b>	<b>7,401,467</b>	<b>7,401,467</b>	<b>7,257,738</b>
<b>TOTAL OPERATIONS &amp; MAINTENANCE</b>	<b>\$ 153,545,391</b>	<b>\$ 147,371,941</b>	<b>\$ 288,980,181</b>	<b>\$ 192,963,762</b>	<b>\$ 195,241,102</b>	<b>\$ 201,927,775</b>	<b>\$ 203,698,186</b>
<b>Less:</b>							
Fuel & Purchased Power	\$ 70,463,755	\$ 65,996,582	\$ 209,098,696	\$ 109,408,137	\$ 96,165,844	\$ 104,614,950	\$ 94,720,000
SRWA Assessments	5,953,229	5,899,247	5,394,293	6,115,872	7,401,467	7,401,467	7,257,738
<b>TOTAL APPROVED O&amp;M BUDGET</b>	<b>\$ 77,128,408</b>	<b>\$ 75,476,112</b>	<b>\$ 74,487,192</b>	<b>\$ 77,439,753</b>	<b>\$ 91,673,791</b>	<b>\$ 89,911,358</b>	<b>\$ 101,720,448</b>

# OPERATIONS & MAINTENANCE EXPENSE RECAP BY DEPARTMENT & TYPE FY 2024

ORG. NO.	DEPARTMENT	TYPE DESCRIPTION					
		61 SALARIES & WAGES	62 PERSONNEL SERVICES	71 OFFICE EXPENSES	72 MATERIALS & SUPPLIES	73 MISC. GENERAL EXP.	74 TRANSP. EXP.
1110	General Manager	\$ 465,047	\$ 178,497	\$ 59,000	\$ -	\$ 5,400	\$ -
1115	Legal Services	265,200	111,382	10,000	-	200	-
1120	Internal Audit	286,811	126,101	12,993	50	200	100
1125	Key Account Marketing	221,807	102,120	25,575	-	23,400	725
1130	Communications & Administrative Svc	223,398	106,316	4,900	4,200	3,800	-
1135	Communications & Public Relations	221,395	93,938	274,150	4,200	27,500	500
1140	Training and Organizational Development	219,606	86,242	5,400	-	2,500	-
1145	Electrical Systems	429,760	173,035	30,240	225	1,500	2,500
1150	Board of Directors	-	-	48,000	-	12,000	-
1165	Records Management	257,207	113,083	10,990	630	26,000	400
1170	Digital Information Platforms	144,331	64,182	7,150	-	25	-
1410	Environmental Services	314,446	165,743	12,700	34,400	344,137	900
1420	Environmental Compliance	495,414	216,452	11,100	9,950	37,800	1,800
1422	Analytical Lab	909,769	399,767	16,000	106,000	54,222	7,200
1430	Pre-treatment	435,220	198,263	17,450	13,500	4,200	5,400
1435	Cross Connection Control	260,738	116,886	5,015	50,750	2,675	-
1440	Health & Safety	354,848	158,228	42,050	17,500	53,500	7,500
2120	Substations and Relaying	1,155,292	448,605	146,519	15,350	23,500	36,000
2130	Electric Trans & Dist Const and Maint	2,792,539	1,187,882	201,100	206,600	24,658	127,106
2150	Energy Control Center Operations	1,395,732	566,418	63,197	1,400	4,500	-
2210	SCADA & Electrical Support Services	1,530,026	680,590	31,817	462,000	382,100	36,000
2215	Power Supply	186,472	75,293	4,625	100	750	-
2220	Power Production	1,975,061	839,524	218,000	145,600	74,500	5,400
2310	Electric Meter Shop	355,982	187,544	6,100	18,500	5,400	13,000
2410	Electric Engineering	750,245	298,583	36,700	2,150	3,350	5,500
3110	W&WW Eng. Planning & Operations	391,958	159,687	13,332	-	7,600	-
3120	Water Plant I	617,790	279,637	194,250	1,435,800	108,990	1,000
3130	Water Plant II	436,057	207,874	304,150	1,279,452	100,116	1,682
3135	Resaca Maintenance	984,754	293,007	33,786	646,676	351,000	234,728
3140	Raw Water Supply	198,084	102,500	112,183	37,929	7,625	5,447
3145	W/WW Plant Maintenance	670,144	304,125	5,087	87,742	39,943	48,118
3150	W/WW Operations & Construction	2,065,624	929,266	29,891	273,272	28,142	136,184
3155	W/WW Operations & Maintenance	1,428,683	627,986	7,411	90,695	16,339	72,632
3160	Potable Water Transport Services	111,250	56,638	181	2,993	589	-
3210	South Wastewater Treatment Plant	458,845	192,026	560,721	341,759	69,640	907
3220	Robindale Wastewater Treatment Plnt	705,120	283,680	536,889	311,206	5,194	1,815
3225	W/WW Sludge Management	187,548	78,607	746	8,168	1,922	27,236
3230	Wastewater Lift Stations	1,198,716	534,633	545,072	167,961	32,034	36,316
3310	Water & Wastewater Engineering	375,127	169,120	13,730	1,358	4,219	14,526
3315	W/ WW Project Development	321,447	154,699	4,222	-	1,777	1,814
4105	Operations	318,554	120,200	6,834	1,133	1,349	-
4110	Energy Risk Management	112,840	39,266	4,444	181	-	-
4115	Asset Management	1,000	-	2,268	907	-	-
4210	NERC Compliance	428,002	181,835	4,659	453	49,933	-
4220	Fuel & Purchased Energy Supply	191,568	84,012	7,170	226	90	-
4230	Natural Gas Utility Management	-	-	-	-	-	-
4310	Operational Support Services	564,070	221,418	8,358	725	2,359	-
5105	Finance Office	273,214	104,425	13,144	50	6,500	-
5110	Finance	470,034	190,701	5,316	75	5,850	-
5115	Financial Services	417,452	184,182	7,550	-	100	-
5120	Accounting and Treasury	354,187	169,890	8,000	-	125	-
5130	Purchasing	380,037	164,727	45,460	1,000	3,850	-
5140	Revenue Recovery	168,918	79,778	3,507	9,159	1,250	3,500
6110	Customer Service	612,628	314,695	7,165	100	33,800	-
6115	Collections	195,254	107,172	1,500	100	400,300	-
6120	Billing	457,811	235,708	13,075	1,500	12,700	3,500
6125	Call Center	493,106	262,263	4,750	-	400	-
6130	Meter Services	541,342	275,814	3,687	22,000	5,150	27,000
6135	CIS Support	280,013	125,119	6,525	100	400	-
6145	Energy Efficiency & Conservation	59,883	32,463	7,600	-	311,500	100
6150	Meter Reading	444,909	249,645	4,850	11,500	6,600	30,000
6160	Cashiers	357,389	188,816	3,760	4,000	270	-
7110	Administrative Office	210,018	81,372	80,800	400	1,300	-
7120	Risk/Insurance Management	150,800	65,901	8,500	150	3,815,779	5,000
7125	Real Estate	100,955	52,153	16,240	300	184,400	800
7130	Information Technology	325,936	118,075	7,700	-	150	-
7131	IT Hardware, Cyber, & Network Mgmt	744,390	336,223	363,700	4,000	500	1,000
7132	IT Solutions & Project Mgmt.	182,166	81,220	2,740	300	1,000	-
7133	IT Applications Support	378,290	168,733	4,900	-	150	-
7135	Geographic Information Systems	496,305	234,665	7,750	4,900	3,700	4,500
7140	Human Resources	161,595	151,328	4,010	-	20,725	-
7145	Talent Acquisition & Staffing	273,253	120,721	11,600	-	1,500	-
7150	Fleet Management	458,041	227,729	29,500	13,100	37,900	612,501
7155	Compensation & Benefits	413,014	226,597	5,600	-	1,800	-
7160	Facility Maintenance	269,989	134,329	321,565	48,000	1,100	500
7170	Warehouse	251,834	129,305	36,616	5,550	2,700	4,600
7175	Facility Maint-FM 511 Service Yard	171,758	95,671	1,650	27,000	1,150	500
7180	Facility Maintenance-Annex	60,278	32,568	2,350	27,400	225	-
9110	Company-wide Expenses	298,250	961,998	-	-	7,457,160	-
	Grand Total	\$ 37,866,578	\$ 17,618,877	\$ 4,737,265	\$ 5,962,425	\$ 14,266,712	\$ 1,525,937
<b>LESS:</b>							
	Fuel & Purchase Power	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	SRWA Obligations	-	-	-	-	7,257,738	-
	<b>TOTAL OPERATIONS &amp; MAINTENANCE</b>	<b>\$ 37,866,578</b>	<b>\$ 17,618,877</b>	<b>\$ 4,737,265</b>	<b>\$ 5,962,425</b>	<b>\$ 7,008,974</b>	<b>\$ 1,525,937</b>

# OPERATIONS & MAINTENANCE EXPENSE RECAP BY DEPARTMENT & TYPE

## FY 2024 (continued)

ORG. NO.	DEPARTMENT	TYPE DESCRIPTION				GRAND TOTAL
		75 MAINT. OF GENERAL	76 CONSULTANTS/ OUTSIDE SVC.	77 FUEL & PURCH. POWER	78 PURCH/MINOR TOOLS & EQUIP.	
1110	General Manager	\$ -	\$ 888,450	\$ -	\$ 1,500	\$ 1,597,894
1115	Legal Services	-	19,000	-	5,000	\$ 410,782
1120	Internal Audit	-	-	-	500	\$ 426,755
1125	Key Account Marketing	-	7,000	-	-	\$ 380,627
1130	Communications & Administrative Svc	-	1,200	-	-	\$ 343,815
1135	Communications & Public Relations	-	201,000	-	500	\$ 823,183
1140	Training and Organizational Development	-	36,500	-	-	\$ 350,248
1145	Electrical Systems	-	250	-	300	\$ 637,810
1150	Board of Directors	-	181,580	-	500	\$ 242,080
1165	Records Management	-	218,500	-	5,100	\$ 631,910
1170	Digital Information Platforms	-	94,425	-	-	\$ 310,113
1410	Environmental Services	-	60,000	-	400	\$ 932,725
1420	Environmental Compliance	8,000	508,000	-	500	\$ 1,289,016
1422	Analytical Lab	-	200,000	-	40,500	\$ 1,733,458
1430	Pre-treatment	30,000	56,000	-	9,500	\$ 769,534
1435	Cross Connection Control	-	251,500	-	25,000	\$ 712,564
1440	Health & Safety	-	2,268,908	-	38,000	\$ 2,940,534
2120	Substations and Relaying	776,100	30,000	-	21,700	\$ 2,653,066
2130	Electric Trans & Dist Const and Maint	708,650	39,500	-	73,400	\$ 5,361,436
2150	Energy Control Center Operations	10,000	500	-	9,750	\$ 2,051,497
2210	SCADA & Electrical Support Services	14,000	649,000	-	80,000	\$ 3,865,533
2215	Power Supply	-	1,500	-	2,000	\$ 270,740
2220	Power Production	3,383,577	362,300	5,000,000	7,700	\$ 12,011,663
2310	Electric Meter Shop	170,000	9,000	-	6,000	\$ 771,526
2410	Electric Engineering	402,550	1,720,498	-	41,600	\$ 3,261,175
3110	W&WW Eng. Planning & Operations	-	14,600	-	5,000	\$ 592,178
3120	Water Plant I	79,000	178,000	-	61,774	\$ 2,956,241
3130	Water Plant II	86,250	144,173	-	17,157	\$ 2,576,911
3135	Resaca Maintenance	10,000	81,480	-	21,801	\$ 2,657,232
3140	Raw Water Supply	56,197	86,358	-	7,533	\$ 613,856
3145	W/WW Plant Maintenance	680	172,501	-	43,122	\$ 1,371,462
3150	W/WW Operations & Construction	248,306	656,411	-	41,700	\$ 4,408,796
3155	W/WW Operations & Maintenance	455,310	238,624	-	38,904	\$ 2,976,584
3160	Potable Water Transport Services	907	1,361	-	3,630	\$ 177,549
3210	South Wastewater Treatment Plant	282,356	542,077	-	14,297	\$ 2,462,628
3220	Robindale Wastewater Treatment Plnt	256,935	316,463	-	57,648	\$ 2,474,951
3225	W/WW Sludge Management	-	-	-	2,811	\$ 307,038
3230	Wastewater Lift Stations	36,996	317,765	-	262,381	\$ 3,131,874
3310	Water & Wastewater Engineering	-	72,261	-	30,866	\$ 681,207
3315	W/ WW Project Development	-	-	-	1,814	\$ 485,773
4105	Operations	-	92,423	-	-	\$ 540,493
4110	Energy Risk Management	-	136,185	-	10,894	\$ 303,810
4115	Asset Management	-	136,185	-	-	\$ 140,360
4210	NERC Compliance	-	1,815	-	3,630	\$ 670,327
4220	Fuel & Purchased Energy Supply	-	28,144	89,720,000	2,723	\$ 90,033,933
4230	Natural Gas Utility Management	-	907	-	-	\$ 907
4310	Operational Support Services	-	6,807	-	453	\$ 804,190
5105	Finance Office	-	4,500	-	2,050	\$ 403,883
5110	Finance	-	230,500	-	1,400	\$ 903,876
5115	Financial Services	-	3,000	-	2,500	\$ 614,783
5120	Accounting and Treasury	-	11,500	-	1,000	\$ 544,702
5130	Purchasing	-	-	-	-	\$ 595,074
5140	Revenue Recovery	-	-	-	-	\$ 266,112
6110	Customer Service	-	35,000	-	1,000	\$ 1,004,387
6115	Collections	-	5,000	-	1,500	\$ 710,826
6120	Billing	-	453,500	-	-	\$ 1,177,794
6125	Call Center	-	23,350	-	1,500	\$ 785,370
6130	Meter Services	7,200	-	-	2,000	\$ 884,194
6135	CIS Support	-	285,000	-	-	\$ 697,157
6145	Energy Efficiency & Conservation	-	67,000	-	-	\$ 478,546
6150	Meter Reading	5,500	10,000	-	1,800	\$ 764,804
6160	Cashiers	-	810,500	-	-	\$ 1,364,734
7110	Administrative Office	-	5,000	-	-	\$ 378,890
7120	Risk/Insurance Management	-	111,500	-	-	\$ 4,157,630
7125	Real Estate	-	15,000	-	-	\$ 369,849
7130	Information Technology	-	91,500	-	-	\$ 543,361
7131	IT Hardware, Cyber, & Network Mgmt	-	1,055,000	-	443,750	\$ 2,948,563
7132	IT Solutions & Project Mgmt.	-	-	-	400	\$ 267,826
7133	IT Applications Support	-	245,000	-	-	\$ 797,073
7135	Geographic Information Systems	-	200,000	-	4,500	\$ 956,320
7140	Human Resources	-	125,000	-	-	\$ 462,658
7145	Talent Acquisition & Staffing	-	63,000	-	-	\$ 470,073
7150	Fleet Management	-	516,000	-	13,600	\$ 1,908,370
7155	Compensation & Benefits	-	60,000	-	4,500	\$ 711,511
7160	Facility Maintenance	18,000	1,730,440	-	1,200	\$ 2,525,123
7170	Warehouse	650	11,400	-	3,500	\$ 446,155
7175	Facility Maint-FM 511 Service Yard	1,300	151,000	-	1,000	\$ 451,030
7180	Facility Maintenance-Annex	2,300	89,000	-	4,000	\$ 218,121
9110	Company-wide Expenses	-	1,000,000	-	24,000	\$ 9,741,408
Grand Total		\$ 7,050,764	\$ 18,436,841	\$ 94,720,000	\$ 1,512,788	\$ 203,698,186
<b>LESS:</b>						
Fuel & Purchase Power		\$ -	\$ -	\$ 94,720,000	\$ -	\$ 94,720,000
SRWA Obligations		-	-	-	-	7,257,738
<b>TOTAL OPERATIONS &amp; MAINTENANCE</b>		<b>\$ 7,050,764</b>	<b>\$ 18,436,841</b>	<b>\$ -</b>	<b>\$ 1,512,788</b>	<b>\$ 101,720,448</b>

# OPERATIONS & MAINTENANCE EXPENSE RECAP BY DEPARTMENT

## FY 2020 – FY 2024

ORG. NO.	DEPARTMENT	Actual FY 2020	Actual FY 2021	Actual FY 2022	Amended Budget FY 2023	UNAUDITED Actual FY 2023	Approved Budget FY 2024
1110	General Manager	\$ 2,021,712	\$ 2,192,455	\$ 2,247,068	\$ 2,157,297	\$ 1,513,122	\$ 1,597,894
1115	Legal Services	-	-	-	-	26,938	410,782
1120	Internal Audit	353,733	360,037	363,046	385,705	362,340	426,755
1125	Key Account Marketing	279,112	251,841	236,890	301,023	255,007	380,627
1130	Communications & Administrative Svc	321,924	204,674	213,077	309,745	260,756	343,815
1135	Communications & Public Relations	684,961	550,126	736,305	716,232	696,847	823,183
1140	Training and Organizational Development	363,744	309,185	351,164	339,293	303,796	350,248
1145	Electrical Systems	281,092	443,012	731,848	681,411	520,744	637,810
1150	Board of Directors	108,045	187,926	290,904	268,261	394,492	242,080
1165	Records Management	390,729	399,496	434,617	470,152	517,567	631,910
1170	Digital Information Platforms	-	195,734	213,868	232,952	248,024	310,113
1410	Environmental Services	1,178,659	1,212,604	1,103,880	1,155,750	1,039,314	932,725
1420	Environmental Compliance	977,411	1,030,527	1,050,791	1,314,869	1,227,912	1,289,016
1422	Analytical Lab	1,685,680	1,670,048	1,522,444	1,750,748	1,534,564	1,733,458
1430	Pre-treatment	559,400	597,004	634,100	642,932	688,619	769,534
1435	Cross Connection Control	488,168	483,374	488,687	562,529	474,659	712,564
1440	Health & Safety	827,400	692,345	2,293,179	2,667,796	2,483,833	2,940,534
2120	Substations and Relaying	2,212,968	2,256,461	2,180,848	2,261,117	2,370,205	2,653,066
2130	Electric Trans & Dist Construction and Maint	4,128,131	3,745,296	4,769,669	4,078,084	5,383,881	5,361,436
2140	Elec Trans & Dist Maintenance	-	-	-	-	-	-
2150	Energy Control Center Operations	1,455,701	1,584,422	1,919,608	1,847,847	2,023,191	2,051,497
2210	SCADA & Electrical Support Services	3,126,565	3,037,333	3,396,425	3,371,455	3,602,284	3,865,533
2215	Power Supply	-	-	-	-	81,999	270,740
2220	Power Production	10,291,038	6,657,543	8,558,055	8,521,694	10,538,635	12,011,663
2310	Electric Meter Shop	684,133	679,860	685,495	688,540	722,516	771,526
2410	Electric Engineering	2,036,084	2,209,760	2,584,600	2,540,463	2,809,170	3,261,175
3110	W&WW Eng, Planning & Operations	336,943	227,269	232,495	239,668	349,240	592,178
3120	Water Plant I	1,764,720	1,798,390	2,430,487	3,050,090	2,684,580	2,956,241
3130	Water Plant II	1,457,608	1,549,756	2,232,569	2,850,972	2,477,991	2,576,911
3135	Resaca Maintenance	937,120	803,887	549,883	213,444	526,330	2,657,232
3140	Raw Water Supply	710,236	580,826	380,549	484,678	564,321	613,856
3145	W/WW Plant Maintenance	1,139,363	1,050,080	1,161,794	1,326,584	1,340,389	1,371,462
3150	W/WW Operations & Construction	4,631,566	3,638,887	4,087,176	3,819,194	4,926,521	4,408,796
3155	W/WW Operations & Maintenance	844,723	2,219,744	2,433,267	2,664,711	2,780,521	2,976,584
3160	Potable Water Transport Services	21,345	144,613	146,221	145,044	187,571	177,549
3210	South Wastewater Treatment Plant	1,337,872	1,296,696	1,764,854	2,397,466	2,381,032	2,462,628
3220	Robindale Wastewater Treatment Plnt	1,760,689	1,787,305	2,321,744	2,239,616	2,238,768	2,474,951
3225	W/WW Sludge Management	558,439	620,385	532,036	646,664	345,187	307,038
3230	Wastewater Lift Stations	2,702,365	2,682,867	3,095,736	2,900,560	3,442,290	3,131,874
3310	Water & Wastewater Engineering	1,014,455	785,951	687,063	1,188,395	728,053	681,207
3315	W/WW Project Development	-	-	-	-	154,416	485,773
4105	Operations	679,088	943,732	887,125	971,931	526,916	540,493
4110	Energy Risk Management	345,749	208,933	223,911	180,314	289,784	303,810
4115	Asset Management	-	-	40,936	254,500	31,544	140,360
4210	NERC Compliance	498,784	492,656	567,832	603,522	669,742	670,327
4220	Fuel & Purchased Energy Supply	60,289,743	207,016,436	106,094,664	92,745,592	99,169,165	90,033,933
4230	Natural Gas Utility Management	-	-	-	1,000	-	907
4310	Operational Support Services	1,233,123	493,725	404,979	429,577	581,000	804,190
5105	Finance Office	-	-	-	-	174,252	403,883
5110	Finance	1,332,473	1,586,351	1,338,302	1,254,215	1,294,758	903,876
5115	Financial Services	-	-	-	-	236,555	614,783
5120	Accounting	1,082,056	925,856	915,810	870,707	660,639	544,702
5130	Purchasing	563,912	611,612	628,969	628,400	569,146	595,074
5140	Revenue Recovery	225,029	228,634	248,393	235,131	232,196	266,112
6105	Customer & Information Services	357,426	404,508	374,969	335,799	136,420	-
6110	Customer Service	842,267	944,324	854,515	811,773	907,216	1,004,387
6115	Collections	457,709	846,040	822,080	748,574	547,211	710,826
6120	Billing	1,006,856	1,081,866	1,009,229	999,035	1,105,675	1,177,794
6125	Call Center	679,486	710,971	675,512	690,367	656,355	785,370
6130	Meter Services	534,822	548,986	649,054	637,418	784,326	884,194
6135	CIS Support	470,173	463,168	414,803	506,664	606,797	697,157
6145	Energy Efficiency & Conservation	516,219	539,113	497,276	494,503	346,038	478,546
6150	Meter Reading	670,826	699,143	743,518	789,499	737,360	764,804
6160	Cashiers	1,054,016	1,177,558	1,224,825	1,236,684	1,323,824	1,364,734
7110	Administrative Office	-	-	-	-	124,467	378,890
7120	Risk/Insurance Management	2,205,586	2,864,083	3,276,552	4,132,570	3,716,794	4,157,630
7125	Real Estate	-	-	-	175,208	420,629	369,849
7130	Information Technology	3,319,480	3,323,404	3,495,712	3,711,171	3,330,450	543,361
7131	IT Hardware, Cyber, & Network Mgmt	-	-	-	-	487,885	2,948,563
7132	IT Solutions & Project Mgmt.	-	-	-	-	112,895	267,826
7133	IT Applications Support	-	-	-	-	273,270	797,073
7135	Geographic Information Systems	1,058,734	1,101,427	1,103,833	926,630	640,637	956,320
7140	Human Resources	789,126	575,812	551,054	628,182	477,207	462,658
7145	Talent Acquisition and Staffing	290,253	351,036	394,123	355,102	439,795	470,073
7150	Fleet Management	1,678,700	1,840,290	1,953,677	1,652,624	2,322,473	1,908,370
7155	Compensation & Benefits	444,410	395,520	511,841	520,951	649,577	711,511
7160	Facility Maintenance	1,544,257	1,710,231	2,101,295	2,149,514	2,516,887	2,525,123
7170	Warehouse	352,045	382,058	459,818	422,933	466,918	446,155
7175	Facility Maintenance-FM 511 Service Yard	27,282	185,702	312,314	300,390	398,630	451,030
7180	Facility Maintenance-Annex	-	71,232	183,357	217,914	184,153	218,121
9110	Company-wide Expenses	8,144,265	4,858,886	941,042	13,189,725	8,570,565	9,741,408
<b>TOTAL APPROPRIATIONS</b>		<b>\$ 146,367,729</b>	<b>\$ 287,721,010</b>	<b>\$ 192,963,762</b>	<b>\$ 195,241,102</b>	<b>\$ 201,927,775</b>	<b>\$ 203,698,186</b>
<b>LESS:</b>							
FUEL & PURCHASED POWER		\$ 65,996,582	\$ 209,098,696	\$ 109,408,137	\$ 96,165,844	\$ 104,614,950	\$ 94,720,000
SRWA ASSESSMENTS		5,899,247	5,394,293	6,115,872	7,401,467	7,401,467	7,257,738
<b>TOTAL OPERATIONS &amp; MAINTENANCE</b>		<b>\$ 74,471,900</b>	<b>\$ 73,228,021</b>	<b>\$ 77,439,753</b>	<b>\$ 91,673,791</b>	<b>\$ 89,911,358</b>	<b>\$ 101,720,448</b>

**Note:**

1. Does not include Southmost Regional Water Authority (SRWA).

# OPERATIONS & MAINTENANCE EXPENSE RECAP BY DEPARTMENT FY 2024 BUDGET

ORGN	DEPARTMENT	OPERATIONS & MAINTENANCE		
		PERSONNEL	NON-PERSONNEL	TOTAL O&M
1110	General Manager	\$ 643,544	\$ 954,350	\$ 1,597,894
1115	1115 Legal Services	376,582	34,200	410,782
1120	Internal Audit	412,912	13,843	426,755
1125	Key Account Marketing	323,927	56,700	380,627
1130	Communications & Administrative Svc	329,715	14,100	343,815
1135	Communications & Public Relations	315,333	507,850	823,183
1140	Training and Organizational Development	305,848	44,400	350,248
1145	Electrical Systems	602,795	35,015	637,810
1150	Board of Directors	-	242,080	242,080
1165	Records Management	370,290	261,620	631,910
1170	Digital Information Platforms	208,513	101,600	310,113
1410	Environmental Services	480,188	452,537	932,725
1420	Environmental Compliance	711,866	577,150	1,289,016
1422	Analytical Lab	1,309,536	423,922	1,733,458
1430	Pre-treatment	633,484	136,050	769,534
1435	Cross Connection Control	377,624	334,940	712,564
1440	Health & Safety	513,076	2,427,458	2,940,534
2120	Substations and Relaying	1,603,897	1,049,169	2,653,066
2130	Electric Trans & Dist Construction and Maintenance	3,980,422	1,381,014	5,361,436
2150	Energy Control Center Operations	1,962,150	89,347	2,051,497
2210	SCADA & Electrical Support Services	2,210,616	1,654,917	3,865,533
2215	2215 Power Supply	261,765	8,975	270,740
2220	Power Production	2,814,586	9,197,077	12,011,663
2310	Electric Meter Shop	543,526	228,000	771,526
2410	Electric Engineering	1,048,827	2,212,348	3,261,175
3110	W&WW Eng, Planning & Operations	551,646	40,532	592,178
3120	Water Plant I	897,427	2,058,814	2,956,241
3130	Water Plant II	643,931	1,932,980	2,576,911
3135	Resaca Maintenance	1,277,761	1,379,471	2,657,232
3140	Raw Water Supply	300,584	313,272	613,856
3145	W/WW Plant Maintenance	974,269	397,193	1,371,462
3150	W/WW Operations & Construction	2,994,890	1,413,906	4,408,796
3155	W/WW Operations & Maintenance	2,056,669	919,915	2,976,584
3160	Potable Water Transport Services	167,888	9,661	177,549
3210	South Wastewater Treatment Plant	650,871	1,811,757	2,462,628
3220	Robindale Wastewater Treatment Plnt	988,801	1,486,150	2,474,951
3225	W/WW Sludge Management	266,155	40,883	307,038
3230	Wastewater Lift Stations	1,733,349	1,398,525	3,131,874
3310	Water & Wastewater Engineering	544,247	136,960	681,207
3315	3315 W/WW Project Development	476,146	9,627	485,773
4105	Operations	438,754	101,739	540,493
4110	Energy Risk Management	152,106	151,704	303,810
4115	Asset Management	1,000	139,360	140,360
4210	NERC Compliance	609,837	60,490	670,327
4220	Fuel & Purchased Energy Supply	275,580	89,758,353	90,033,933
4230	Natural Gas Utility Management	-	907	907
4310	Operational Support Services	785,488	18,702	804,190
5105	5105 Finance Office	377,639	26,244	403,883
5110	Finance	660,735	243,141	903,876
5115	5115 Financial Services	601,633	13,150	614,783
5120	Accounting & Treasury	524,077	20,625	544,702
5130	Purchasing	544,764	50,310	595,074
5140	Revenue Recovery	248,696	17,416	266,112
6110	Customer Service	927,322	77,065	1,004,387
6115	Collections	302,426	408,400	710,826
6120	Billing	693,519	484,275	1,177,794
6125	Call Center	755,370	30,000	785,370
6130	Meter Services	817,157	67,037	884,194
6135	CIS Support	405,132	292,025	697,157
6145	Energy Efficiency & Conservation	92,346	386,200	478,546
6150	Meter Reading	694,554	70,250	764,804
6160	Cashiers	546,204	818,530	1,364,734
7110	7110 Administrative Office	291,390	87,500	378,890
7120	Risk/Insurance Management	216,701	3,940,929	4,157,630
7125	Right-of-Way	153,109	216,740	369,849
7130	Information Technology	444,011	99,350	543,361
7131	7131 IT Hardware, Cyber, & Network Mgmt	1,080,613	1,867,950	2,948,563
7132	7132 IT Solutions & Project Mgmt.	263,386	4,440	267,826
7133	7133 IT Applications Support	547,023	250,050	797,073
7135	Geographic Information Systems	730,970	225,350	956,320
7140	Human Resources	312,923	149,735	462,658
7145	Talent Acquisition and Staffing	393,973	76,100	470,073
7150	Fleet Management	685,769	1,222,601	1,908,370
7155	Compensation & Benefits	639,611	71,900	711,511
7160	Facility Maintenance	404,318	2,120,805	2,525,123
7170	Warehouse	381,139	65,016	446,155
7175	Facility Maintenance-FM 511 Service Yard	267,430	183,600	451,030
7180	Facility Maintenance-Annex	92,846	125,275	218,121
9110	Company-wide Expenses	1,260,248	8,481,160	9,741,408
<b>TOTAL APPROPRIATIONS</b>		<b>\$ 55,485,455</b>	<b>\$ 148,212,732</b>	<b>203,698,186</b>
<b>LESS:</b>				
FUEL & PURCHASED POWER		\$ -	\$ 94,720,000	\$ 94,720,000
SRWA ASSESSMENTS		-	7,257,738	7,257,738
<b>TOTAL OPERATIONS &amp; MAINTENANCE</b>		<b>\$ 55,485,455</b>	<b>\$ 46,234,994</b>	<b>\$ 101,720,448</b>



**FY 2024 APPROVED BUDGETED NUMBER OF POSITIONS  
BY DIVISION/ORGANIZATION**

<b>DIVISION NAME</b>	<b>ORGANIZATION</b>	<b>POSITION TITLE</b>	<b>NUMBER OF POSITIONS</b>
Administrative Section	1125 Key Account Marketing	BUS DEVL & KEY ACCTS MANAGER	1
		KEY ACCOUNTS REPRESENTATIVE	2
		SENIOR BUSINESS DEVELOP REP	1
		<b>ORG TOTAL</b>	<b>4</b>
	1135 Communications & Public Relations	COMMUNICATIONS & PR MANAGER	1
		LEAD COMM & PR COORDINATOR	1
		SENIOR COMM & PR COORDINATOR	1
		<b>ORG TOTAL</b>	<b>3</b>
	1170 Digital Information Platforms	DIGITAL INFO /MEDIA PLAT COORD	1
		DIGITAL INFO PLATFORMS TEC MGR	1
		<b>ORG TOTAL</b>	<b>2</b>
	6145 Energy Efficiency & Conservation	ENERGY EFF & CONSERV COORD	1
		<b>ORG TOTAL</b>	<b>1</b>
	7110 Administrative Office	CHIEF ADMINISTRATIVE OFFICER	1
		<b>ORG TOTAL</b>	<b>1</b>
	7125 Real Estate	REAL ESTATE MANAGER	1
		RIGHT-OF-WAY APPRENTICE	1
		<b>ORG TOTAL</b>	<b>2</b>
		<b>DIVISION TOTAL</b>	<b>13</b>
Customer Services Division	1130 Customer Services	DIRECTOR OF CUSTOMER SERVICES	1
		SENIOR ADMINISTRATIVE ASST	1
		<b>ORG TOTAL</b>	<b>2</b>
	5140 Revenue Recovery	REVENUE RECOVERY SUPERVISOR	1
		REVENUE RECOVERY TECHNICIAN	2
		<b>ORG TOTAL</b>	<b>3</b>
	6110 Customer Service	CUSTOMER SERVICE MANAGER	1
		CUSTOMER SERVICE SUPERVISOR	1
		CUSTOMER SOLUTIONS REP	3
		LEAD CUSTOMER SOLUTIONS REP	5
		SENIOR CUSTOMER SOLUTIONS REP	3
		<b>ORG TOTAL</b>	<b>13</b>
	6115 Collections	CUSTOMER SERVICE SUPERVISOR	1
		LEAD CUSTOMER SOLUTIONS REP	2
		SENIOR CUSTOMER SOLUTIONS REP	1
		<b>ORG TOTAL</b>	<b>4</b>
	6120 Billing	BILLING ADMINISTRATOR	1
		BILLING MANAGER	1
		LEAD CUSTOMER SOLUTIONS REP	3
		MAIL COURIER	1
		SENIOR CUSTOMER SOLUTIONS REP	3
		<b>ORG TOTAL</b>	<b>9</b>
	6125 Call Center	CUSTOMER SERVICE SUPERVISOR	1
		CUSTOMER SOLUTIONS REP	4
		LEAD CUSTOMER SOLUTIONS REP	3
		METER READING SUPERVISOR	1
		SENIOR CUSTOMER SOLUTIONS REP	3
		<b>ORG TOTAL</b>	<b>12</b>
	6160 Cashiers	CUSTOMER SERVICE SUPERVISOR	1
		CUSTOMER SOLUTIONS REP	2
		LEAD CUSTOMER SOLUTIONS REP	3
		SENIOR CUSTOMER SOLUTIONS REP	2
		<b>ORG TOTAL</b>	<b>8</b>
		<b>DIVISION TOTAL</b>	<b>51</b>

**FY 2024 APPROVED BUDGETED NUMBER OF POSITIONS  
BY DIVISION/ORGANIZATION – CONTINUED**

DIVISION NAME	ORGANIZATION	POSITION TITLE	NUMBER OF POSITIONS
Electrical Systems Division	1145 Elect Transmission and Distribution	DIRECTOR OF ELECTRIC T & D	1
		DIVISION MANAGER	1
		ELEC. TRAINING COORD. (CERT)	1
		SENIOR ADMINISTRATIVE ASST	1
		<b>ORG TOTAL</b>	<b>4</b>
	2120 Substations and Relaying	ADMINISTRATIVE ASSISTANT	1
		APPRENTICE RELAY TECHNICIAN	1
		PROTECTION & CONTROL GRADUATE ENG	1
		RELAY TECHNICIAN	1
		RELAYING SUPERVISOR	1
		SENIOR SUBSTATION TECHNICIAN	3
		SUBSTATION SUPERVISOR	1
		SUBSTATION TECH APPRENTICE	2
		SUBSTATION TECHNICIAN	2
		SUBSTATIONS & RELAYING MANAGER	1
		<b>ORG TOTAL</b>	<b>14</b>
	2130 Elec T&D Construction & Maintenance	ACTING ELECTRIC FOREMAN (CERTIFIED)	1
		ADMINISTRATIVE ASSISTANT	1
		APPRENTICE LINEWORKER	19
		ELECTRIC FOREMAN (CERTIFIED)	10
		ELECTRIC MAINTENANCE WORKER	4
		ELECTRIC OPERATIONS MANAGER	1
		ELECTRIC PROGRAMS COORDINATOR	1
		GRADUATE ENGINEER	1
		GROUND WORKER	8
		LINEWORKER (CERTIFIED)	9
		LINEWORKER (NON-CERTIFIED)	12
		<b>ORG TOTAL</b>	<b>67</b>
	2310 Electric Meter Shop	ELECTRIC METER SHOP SUPERVISOR	1
		METER TECHNICIAN	1
		METER TECHNICIAN APPRENTICE	3
		SENIOR METER TECHNICIAN	2
		<b>ORG TOTAL</b>	<b>7</b>
	2410 Electric Engineering	ADMINISTRATIVE ASSISTANT	1
		ENGINEERING & PLANNING MANAGER	1
		ENGINEERING TECHNICIAN	1
		GRADUATE ENGINEER	6
		SENIOR ENGINEER (REGISTERED)	1
		SENIOR ENGINEERING TECHNICIAN	1
		SENIOR GRADUATE ENGINEER	1
		SENIOR OPS ENGINEER (REGISTERED)	2
		<b>ORG TOTAL</b>	<b>14</b>
		<b>DIVISION TOTAL</b>	<b>106</b>
Enterprise Solutions Division	2210 SCADA & Electrical Support Services	ADMINISTRATIVE ASSISTANT	1
		CYBERSECURITY ANALYST	1
		ELECTRICAL MAINT SUPERVISOR	1
		ELECTRICAL SCADA SUPERVISOR	1
		ELECTRICIAN	3
		INSTRUMENT TECHNICIAN	1
		JOURNEYMAN ELECTRICIAN	2
		MASTER ELECTRICIAN	2
		NETWORK TECH SPECIALIST	1
		SCADA & ELEC SUPP SVC MANAGER	1
		SCADA NETWORK ADMINISTRATOR	2
		SCADA SYSTEMS ANALYST	2
		SENIOR INSTRUMENT TECHNICIAN	1
		SENIOR SCADA ELECTRONIC TECH	2
		W/WWW SCADA SUPERVISOR	1
		W/WWW SCADA SYSTEM ADM	1
		<b>ORG TOTAL</b>	<b>23</b>
	6130 Meter Services	LEAD METER SERVICES TECHNICIAN	3
		METER SERVICES MANAGER	1
		METER SERVICES SUPERVISOR	1
		SENIOR METER SERVICES TECH	5
		<b>ORG TOTAL</b>	<b>10</b>

**FY 2024 APPROVED BUDGETED NUMBER OF POSITIONS  
BY DIVISION/ORGANIZATION – CONTINUED**

<b>DIVISION NAME</b>	<b>ORGANIZATION</b>	<b>POSITION TITLE</b>	<b>NUMBER OF POSITIONS</b>
Environmental Division	6135 CIS Support	CIS SUPPORT MANAGER	1
		LEAD CUST SOLUTIONS ANALYST	1
		SENIOR CUST SOLUTIONS ANALYST	2
		<b>ORG TOTAL</b>	<b>4</b>
	6150 Meter Reading	LEAD METER READER	2
		METER READER	6
		SENIOR METER READER	4
		<b>ORG TOTAL</b>	<b>12</b>
	7130 Enterprise Solutions	DIR OF ENTERPRISE SOLUTIONS	1
		DIVISION MANAGER	1
		<b>ORG TOTAL</b>	<b>2</b>
	7131 IT Hardware, Cyber, & Network Mgmt	ADMINISTRATIVE ASSISTANT	1
		AUDIO-VIDEO & WLESS COMMS SPEC	1
		COMPUTER TECH SUPPORT SPEC	2
		IT CYBER SECURITY ADM	1
		IT CYBER SECURITY COORDINATOR	1
		IT HARDWARE SUPPORT MGR	1
		LEAD IT NETWORK /COMM SUPP ADM	1
		LEAD MICROCOMPUTER SUPP SPEC	1
		NETWORK & W-LESS ADMINISTRATOR	1
		NETWORK ADMINISTRATOR	1
		<b>ORG TOTAL</b>	<b>11</b>
	7132 IT Solutions and Project Management	IT SYS PLAN/PROJECT COORD MGR	1
		SENIOR IT PROJECT COORDINATOR	1
		<b>ORG TOTAL</b>	<b>2</b>
	7133 IT Applications Support	INFORMATION TECH PROJECT COORD	1
		IT SYS & SOFTWARE SUPP MGR	1
		SENIOR IT PROJECT COORDINATOR	2
		SYSTEMS PROGRAMMER ANALYST	1
		<b>ORG TOTAL</b>	<b>5</b>
	7135 Geographic Information Systems	ADMINISTRATIVE ASSISTANT	1
		G.I.S. MANAGER	1
		GIS SPECIALIST	1
		SENIOR GIS SPECIALIST	1
		SENIOR GIS TECHNICIAN	3
		SMART GRID APPLICATIONS ADMIN	1
		<b>ORG TOTAL</b>	<b>8</b>
	<b>DIVISION TOTAL</b>		<b>77</b>
	1410 Environmental Services	DIRECTOR OF ENVIRONMENTAL SERVICES	1
		ENVIRO SOFTWARE SOLUTIONS SPEC	1
		QUALITY ASSURANCE SPECIALIST	3
		SENIOR ADMINISTRATIVE ASST	1
		<b>ORG TOTAL</b>	<b>6</b>
	1420 Environmental Compliance	ENVIRONMENTAL MANAGER	1
		LEAD ENV COMPLIANCE SPECIALIST	2
		SENIOR ENV COMPLIANCE SPEC	3
		<b>ORG TOTAL</b>	<b>6</b>
	1422 Analytical Lab	ADMINISTRATIVE ASSISTANT	1
		CHEMIST	3
		LAB & CROSS CONN CONT MANAGER	1
		LAB COMPLIANCE COORDINATOR	2
		LABORATORY ADMINISTRATOR	1
		LABORATORY TECHNICIAN	2
		SENIOR LABORATORY TECHNICIAN	6
		<b>ORG TOTAL</b>	<b>16</b>

**FY 2024 APPROVED BUDGETED NUMBER OF POSITIONS  
BY DIVISION/ORGANIZATION – CONTINUED**

<b>DIVISION NAME</b>	<b>ORGANIZATION</b>	<b>POSITION TITLE</b>	<b>NUMBER OF POSITIONS</b>
Finance Division	1430 Pre-treatment	ADMINISTRATIVE ASSISTANT	1
		ENVIRONMENTAL TECHNICIAN	3
		PRETREATMENT MANAGER	1
		SENIOR ENV COMPLIANCE SPEC	2
		<b>ORG TOTAL</b>	<b>7</b>
	1435 Cross Connection Control	ENVIRONMENTAL TECHNICIAN	3
		LD CROSS CONNECT CONTROL	1
		COORD	
		SENIOR ENVIRONMENTAL TECH	1
		<b>ORG TOTAL</b>	<b>5</b>
		<b>DIVISION TOTAL</b>	<b>40</b>
	5105 Finance Office	CHIEF FINANCIAL OFFICER	1
		EXECUTIVE ASSISTANT	1
		<b>ORG TOTAL</b>	<b>2</b>
	5110 Finance	BUSINESS PROCESS ADMINISTRATOR	1
		CONTROLLER	2
		DIRECTOR OF FINANCE	1
		LEAD ACCOUNTANT	1
		SENIOR ADMINISTRATIVE ASST	1
		<b>ORG TOTAL</b>	<b>6</b>
	5115 Financial Services	ACCOUNTANT	2
		FINANCE MANAGER	1
		FINANCIAL ANALYST	1
		GRANTS COORDINATOR	1
		LEAD ACCOUNTANT	1
		SENIOR ACCOUNTANT	1
		SENIOR BUDGET ANALYST	1
		<b>ORG TOTAL</b>	<b>8</b>
	5120 Accounting and Treasury	ACCOUNTS PAYABLE SUPERVISOR	1
		LEAD ACCOUNTING CLERK	2
		PAYROLL SPECIALIST	1
		SENIOR ACCOUNTING CLERK	1
		TREAS & ACCOUNTING MANAGER	1
		TREASURY ADMINISTRATOR	1
		<b>ORG TOTAL</b>	<b>7</b>
	5130 Purchasing	BUYER	2
		BUYER APPRENTICE	1
		PURCHASING ADMINISTRATOR	1
		PURCHASING AND MATERIALS MGR	1
		PURCHASING CLERK	1
		<b>ORG TOTAL</b>	<b>6</b>
	7170 Warehouse	SENIOR STOREKEEPER	3
		STOREKEEPER	1
		WAREHOUSE ADMINISTRATOR	1
		<b>ORG TOTAL</b>	<b>5</b>
		<b>DIVISION TOTAL</b>	<b>34</b>
General Manager Section	1110 General Manager	EXECUTIVE ASSISTANT	1
		GENERAL MANAGER & CEO	1
		SENIOR EXECUTIVE ASSISTANT	1
		<b>ORG TOTAL</b>	<b>3</b>
	1115 Legal Services	CONTRACTS COORDINATOR	1
		GENERAL COUNSEL	1
		LEGAL ASSISTANT	1
		<b>ORG TOTAL</b>	<b>3</b>
	1120 Internal Audit	DIR OF INTERNAL AUDIT	1
		LEAD INTERNAL AUDITOR	2
		<b>ORG TOTAL</b>	<b>3</b>
	1165 Records Management	LEAD RECORDS MGMT COORD	1
		RECORDS, INFORMATION & POLICIES	1
		MANAGER	
		SENIOR RECORDS ASSISTANT	2
		<b>ORG TOTAL</b>	<b>4</b>
		<b>DIVISION TOTAL</b>	<b>13</b>

**FY 2024 APPROVED BUDGETED NUMBER OF POSITIONS  
BY DIVISION/ORGANIZATION – CONTINUED**

<b>DIVISION NAME</b>	<b>ORGANIZATION</b>	<b>POSITION TITLE</b>	<b>NUMBER OF POSITIONS</b>
Human Resources Division	1140 Training and Organizational Develop	LEAD INTERNAL AUDITOR	1
		TRAIN & ORG DEVL ADMIN	1
		TRAINING/ORG DEVL MANAGER	1
		<b>ORG TOTAL</b>	<b>3</b>
	1440 Safety and Security Operations	HEALTH & SAFETY ADMINISTRATOR	1
		SAFETY & SECURITY MANAGER	1
		SAFETY COORDINATOR	1
		SECURITY COORDINATOR	2
		<b>ORG TOTAL</b>	<b>5</b>
	7120 Risk/Insurance Management	ACTING RISK MANAGER	1
		SENIOR WORKERS'COMP COORD	1
		<b>ORG TOTAL</b>	<b>2</b>
	7140 Human Resources	ACTING SENIOR ADMIN ASST	1
		DIRECTOR OF HUMAN RESOURCES	1
		<b>ORG TOTAL</b>	<b>2</b>
	7145 Talent Acquisition and Staffing	SENIOR TALENT ACQ & STAFF SPEC	1
		TALENT ACQ & STAFF MANAGER	1
		TALENT ACQ & STAFF SPEC	1
		TALENT ACQ & STAFFING REP	1
		<b>ORG TOTAL</b>	<b>4</b>
	7155 Compensation & Benefits	BENEFITS & EMP RELATIONS ADMIN	1
		COMPENSATION & BENEFITS ANALYST	1
		COMPENSATION & BENEFITS MGR	1
		COMPENSATION & BENEFITS REP	2
		COMPENSATION & BENEFITS SPEC	1
		<b>ORG TOTAL</b>	<b>6</b>
		<b>DIVISION TOTAL</b>	<b>22</b>
Operations Section	4105 Operations Office	ASSISTANT GENERAL MANAGER & COO	1
		EXECUTIVE ASSISTANT	1
		<b>ORG TOTAL</b>	<b>2</b>
	4110 Energy Risk Management	ENERGY RISK MANAGER	1
Power Supply Division		<b>ORG TOTAL</b>	<b>1</b>
		<b>DIVISION TOTAL</b>	<b>3</b>
	2150 Energy Control Center Operations	DISPATCH COORDINATOR	1
		ENERGY CONTROL CENTER ASST	1
		ENERGY SYSTEM OPERATIONS MGR	1
		ENERGY SYSTEM OPERATOR	2
		ENERGY SYSTEM OPERATOR APR	1
		LEAD ENERGY SYSTEM OPERATOR	5
		SENIOR ENERGY SYSTEM OPERATOR	4
		<b>ORG TOTAL</b>	<b>15</b>
	2220 Power Production	ADMINISTRATIVE ASSISTANT	1
		GRADUATE ENGINEER	1
		LAB TECHNICIAN-OPERATOR	1
		LD POWER PLANT INSTRUMENT TECH	1
		POWER PLANT FOREMAN	1
		POWER PLANT MAINTENANCE SUPR	1
		POWER PLANT MAINTENANCE TECH	5
		POWER PLANT MANAGER	1
		POWER PLANT OPERATIONS FOREMAN	3
		POWER PLANT OPERATIONS SUPR	1
		POWER PLANT OPERATOR	6
		SENIOR ENGINEER (REGISTERED)	1
		SENIOR POWER PLANT OPERATOR	4
		<b>ORG TOTAL</b>	<b>27</b>
	4210 NERC Compliance	LEAD NERC COMPLIANCE COORD	3
		NERC COMPL MGR & ACTING CCO	1
		NERC COMPLIANCE COORDINATOR	1
		<b>ORG TOTAL</b>	<b>5</b>

**FY 2024 APPROVED BUDGETED NUMBER OF POSITIONS  
BY DIVISION/ORGANIZATION – CONTINUED**

DIVISION NAME	ORGANIZATION	POSITION TITLE	NUMBER OF POSITIONS
	4220 Fuel & Purchased Energy Supply	FUEL & PURCHASED ENERGY MGR	1
		LEAD FUEL & PUR ENERGY COORD	1
		<b>ORG TOTAL</b>	<b>2</b>
Sp Proj-W/WW Eng-Planning	3110 Spec Projects/W/WW Eng-Planning	<b>DIVISION TOTAL</b>	<b>49</b>
		DIR OF SP PRJ W & WW ENG & PL	1
		DIVISION MGR FOR WATER RESOURCES, CONSERV & COMPL	1
		SENIOR ADMINISTRATIVE ASST	1
		SENIOR ENGINEERING TECHNICIAN	1
		<b>ORG TOTAL</b>	<b>4</b>
	3135 Resaca Maintenance	ADMINISTRATIVE ASSISTANT	1
		DREDGE OPERATOR	3
		DREDGE TECHNICIAN	2
		ENGINEER (REGISTERED)	1
		FOREMAN	1
		LEAD UTILITY TECHNICIAN	1
		MAINTENANCE WORKER	6
		MOTOR EQUIP OPER / TRANSPORTER	1
		MOTOR EQUIPMENT OPERATOR	2
		RESACA MAINTENANCE TECH LEAD	1
		RESACA MAINTENANCE TECHNICIAN	1
		SENIOR MOTOR EQUIP OPERATOR	3
		<b>ORG TOTAL</b>	<b>23</b>
	3140 Raw Water Supply	RAW WATER TECHNICIAN	2
		RAW WATER TECHNICIAN LEAD	1
		WATER RESOURCES ADMINISTRATOR	1
		<b>ORG TOTAL</b>	<b>4</b>
	3310 Water & Wastewater Engineering	ADMINISTRATIVE ASSISTANT	1
		GRADUATE ENGINEER	2
		OPERATIONS SOLUTIONS SPEC	1
		SENIOR CIVIL ENGINEER	1
		SENIOR ENGINEERING TECHNICIAN	1
		SENIOR GRADUATE ENGINEER	2
		<b>ORG TOTAL</b>	<b>8</b>
	3315 W/WW Project Development	FIELD TECHNICIAN	4
		NEW CONNECTIONS COORDINATOR	2
		SENIOR COORDINATOR	2
		W/WW PROJECT DEVELOP MANAGER	1
		<b>ORG TOTAL</b>	<b>9</b>
	7150 Fleet Management	ADMINISTRATIVE ASSISTANT	1
		AUTO & HEAVY DUTY EQUIP TECH A	1
		AUTO & HEAVY DUTY EQUIP TECH B	4
		AUTOMOTIVE PARTS TECHNICIAN	1
		FLEET SERVICES MANAGER	1
		FLEET SYSTEMS COORDINATOR	1
		LD AUTO/HEAVY DUTY EQUIP TEC	1
		<b>ORG TOTAL</b>	<b>10</b>
	7160 Facility Maintenance	CUSTODIAN	2
		FACILITIES MAINT SUPERVISOR	1
		FACILITIES MANAGER	1
		LEAD CUSTODIAN	1
		<b>ORG TOTAL</b>	<b>5</b>
	7175 Facility Maintenance-FM511 Svc Yard	CUSTODIAN	1
		FACILITIES MAINT SUPERVISOR	1
		LEAD CUSTODIAN	1
		MAINTENANCE WORKER	1
		<b>ORG TOTAL</b>	<b>4</b>
	7180 Facility Maintenance-Annex	FACILITIES MAINT SUPERVISOR	1
		<b>ORG TOTAL</b>	<b>1</b>
		<b>DIVISION TOTAL</b>	<b>68</b>
W/WW Operations Divisor	3120 Water Plant I	ADMINISTRATIVE ASSISTANT	1
		LEAD W/WW OPERATOR	1
		W/WW OPERATOR A	2
		W/WW OPERATOR B	3
		W/WW OPERATOR C	1
		W/WW OPERATOR CHIEF	1
		WATER TREATMENT MANAGER	1
		<b>ORG TOTAL</b>	<b>10</b>
	3130 Water Plant II	LEAD W & WW PLANT OPERATOR	1
		W/WW OPERATOR B	4
		W/WW OPERATOR C	2
		W/WW OPERATOR CHIEF	1
		<b>ORG TOTAL</b>	<b>8</b>

**FY 2024 APPROVED BUDGETED NUMBER OF POSITIONS  
BY DIVISION/ORGANIZATION - CONTINUED**

DIVISION NAME	ORGANIZATION	POSITION TITLE	NUMBER OF POSITIONS		
3145	W/WW Plant Maintenance	FOREMAN	1		
		LEAD MECHANIC	6		
		MAINTENANCE MECHANIC	3		
		SENIOR MECHANIC	1		
		SHIFT SUPERVISOR	1		
		ORG TOTAL	12		
		3150	W/WW Operations & Construction	ADMINISTRATIVE ASSISTANT	1
				FOREMAN	2
				JETVAC OPERATOR	4
				JETVAC OPERATOR APPRENTICE	2
LEAD UTILITY TECHNICIAN	6				
MAINTENANCE WORKER	9				
MOTOR EQUIP OPER / TRANSPORTER	2				
MOTOR EQUIPMENT OPERATOR	1				
OPERATIONS & SUPPORT ASSISTANT	1				
SENIOR MAINTENANCE WORKER	2				
SENIOR MOTOR EQUIP OPERATOR	1				
SHIFT SUPERVISOR	4				
UTILITY TECHNICIAN	3				
W/WW CONST OPER MANAGER	1				
WW CLOSED CIRCUIT TV OPERATOR	4				
ORG TOTAL	43				
3155	W/WW Operations & Maintenance	ADMINISTRATIVE ASSISTANT	1		
		FOREMAN	2		
		LEAD UTILITY TECHNICIAN	6		
		MAINTENANCE WORKER	11		
		MOTOR EQUIP OPER / TRANSPORTER	2		
		SENIOR MAINTENANCE WORKER	3		
		SHIFT SUPERVISOR	4		
		UTILITY TECHNICIAN	3		
		W/WW MAINT OPER MANAGER	1		
		ORG TOTAL	33		
3160	Potable Water Transport Services	POTABLE WATER TRANSPORTER	2		
ORG TOTAL	2				
3210	South Wastewater Treatment Plant	LEAD W & WW PLANT OPERATOR	1		
		W/WW OPERATOR A	2		
		W/WW OPERATOR APPRENTICE	2		
		W/WW OPERATOR B	2		
		W/WW OPERATOR CHIEF	1		
		ORG TOTAL	8		
3220	Robindale Wastewater Treatment Plnt	ADMINISTRATIVE ASSISTANT	1		
		LEAD W & WW PLANT OPERATOR	2		
		W/WW OPERATOR A	3		
		W/WW OPERATOR B	1		
		W/WW OPERATOR CHIEF	1		
		W/WW OPERATOR D	2		
		WASTEWATER TREATMENT MANAGER	1		
		ORG TOTAL	11		
3225	W/WW Sludge Management	MOTOR EQUIP OPER / TRANSPORTER	1		
		SENIOR MOTOR EQUIP OPERATOR	1		
		SHIFT SUPERVISOR	1		
ORG TOTAL	3				
3230	Wastewater Lift Stations	ADMINISTRATIVE ASSISTANT	1		
		FOREMAN	1		
		LEAD MECHANIC	7		
		MAINTENANCE MECHANIC	2		
		SENIOR MECHANIC	6		
		SHIFT SUPERVISOR	2		
		WWW PLANT MAINT WW LIFT ST MGR	1		
		ORG TOTAL	20		
4115	Asset Management	MAINTENANCE & RELIABILITY	1		
		ENGINEERING MANAGER			
ORG TOTAL	1				
4310	W/WW Operations	DIR OF W & WW OPERATIONS	1		
		DIVISION MANAGER	1		
		DIVISION MGR FOR W & WW D & M	1		
		SENIOR ADMINISTRATIVE ASST	1		
		ORG TOTAL	4		
DIVISION TOTAL			155		
Grand Total			631		

**COMPUTATION OF CHANGE IN NET POSITION AND  
FUNDS AVAILABLE FOR CAPITAL AND RESERVE FUNDS**

Net position is defined as the difference between Brownsville PUB's assets and liabilities. Projected changes in net position are as follows:

**COMPUTATION OF CHANGE IN NET POSITION AND  
FUNDS AVAILABLE FOR CAPITAL AND RESERVE FUNDS**

**UNAUDITED FY 2023**

	Electric	Water	Wastewater	Total
Revenues	\$ 224,468,475	\$ 37,735,284	\$ 30,424,096	\$ 292,627,855
Expenses	<u>180,642,939</u>	<u>28,224,254</u>	<u>23,227,842</u>	<u>232,095,034</u>
Change in net assets	\$ 43,825,537	\$ 9,511,031	\$ 7,196,255	\$ 60,532,822
Net position, beginning of year				<u>\$ 445,310,943</u>
Net position, end of year				<u><u>\$ 505,843,765</u></u>

Reconciliation to "Total Utility Combined Revenues & Requirements" page 81 is as follows:

Change in net position	\$ 43,825,537	\$ 9,511,031	\$ 7,196,255	\$ 60,532,822
Less: Principal Pmts	<u>12,948,470</u>	<u>2,458,865</u>	<u>3,012,666</u>	<u>18,420,000</u>
Funds Available for Capital and Reserve Funds	<u><u>\$ 30,877,067</u></u>	<u><u>\$ 7,052,166</u></u>	<u><u>\$ 4,183,589</u></u>	<u><u>\$ 42,112,822</u></u>

Projected changes in net position for fiscal year 2024 are as follows:

**APPROVED BUDGET FY 2024**

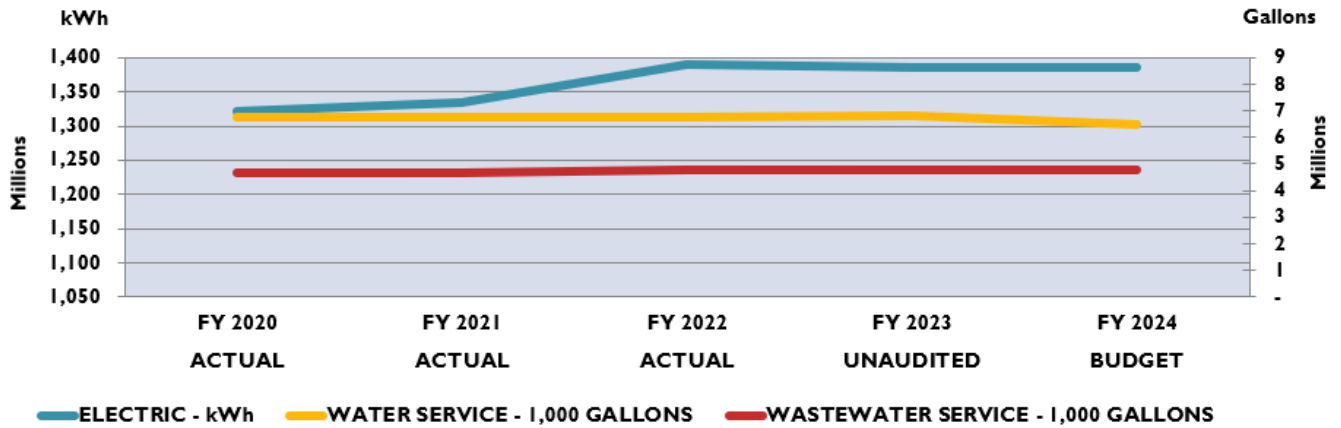
	Electric	Water	Wastewater	Total
Revenues	\$ 189,047,583	\$ 37,971,842	\$ 32,490,680	\$ 259,510,105
Expenses	<u>165,567,639</u>	<u>33,740,605</u>	<u>26,526,538</u>	<u>225,834,781</u>
Change in net position	\$ 23,479,945	\$ 4,231,237	\$ 5,964,143	\$ 33,675,325
Net position, beginning of year				<u>\$ 505,843,765</u>
Net position, end of year				<u><u>\$ 539,519,090</u></u>

Reconciliation to "Total Utility Combined Revenues & Requirements" page 81 is as follows:

Change in net position	\$ 23,479,945	\$ 4,231,237	\$ 5,964,143	\$ 33,675,325
Less: Principal Pmts	<u>12,391,885</u>	<u>2,310,644</u>	<u>2,882,472</u>	<u>17,585,000</u>
Funds Available for Capital and Reserve Funds	<u><u>\$ 11,088,060</u></u>	<u><u>\$ 1,920,593</u></u>	<u><u>\$ 3,081,671</u></u>	<u><u>\$ 16,090,325</u></u>



# UNIT SALES STATISTICS



	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	UNAUDITED FY 2023	BUDGET FY 2024
<b>ELECTRIC - kWh</b>					
Residential	602,596,573	619,603,668	647,681,947	640,406,620	646,867,368
Commercial - Non-Demand	133,567,871	133,499,924	143,203,126	144,560,536	145,792,161
Municipal	67,532,502	68,760,660	72,500,568	75,655,739	72,704,619
Commercial - Demand	514,989,472	509,752,301	524,407,077	523,556,210	518,641,463
Other	2,251,157	2,210,581	1,820,521	1,021,290	1,636,111
<i>Total Electric Unit Sales</i>	<u>1,320,937,575</u>	<u>1,333,827,134</u>	<u>1,389,613,240</u>	<u>1,385,200,396</u>	<u>1,385,641,722</u>
<b>WATER SERVICE - 1,000 GALLONS</b>					
Inside City	5,730,053	5,660,788	5,768,423	5,738,088	5,847,764
Outside City	162,528	173,261	171,177	171,981	173,106
Municipal	295,212	287,650	269,830	267,988	287,140
Other	569,787	618,991	540,387	612,248	201,088
<i>Total Water Unit Sales</i>	<u>6,757,580</u>	<u>6,740,690</u>	<u>6,749,817</u>	<u>6,790,305</u>	<u>6,509,097</u>
<b>WASTEWATER SERVICE - 1,000 GALLONS</b>					
Residential	2,807,846	2,786,357	2,753,064	2,695,564	2,817,293
Commercial	1,642,002	1,657,372	1,781,081	1,849,335	1,719,561
Municipal	105,756	120,572	133,340	133,329	135,228
Outside City	116,852	116,262	116,110	112,860	116,342
<i>Total Wastewater Unit Sales</i>	<u>4,672,455</u>	<u>4,680,563</u>	<u>4,783,595</u>	<u>4,791,090</u>	<u>4,788,425</u>

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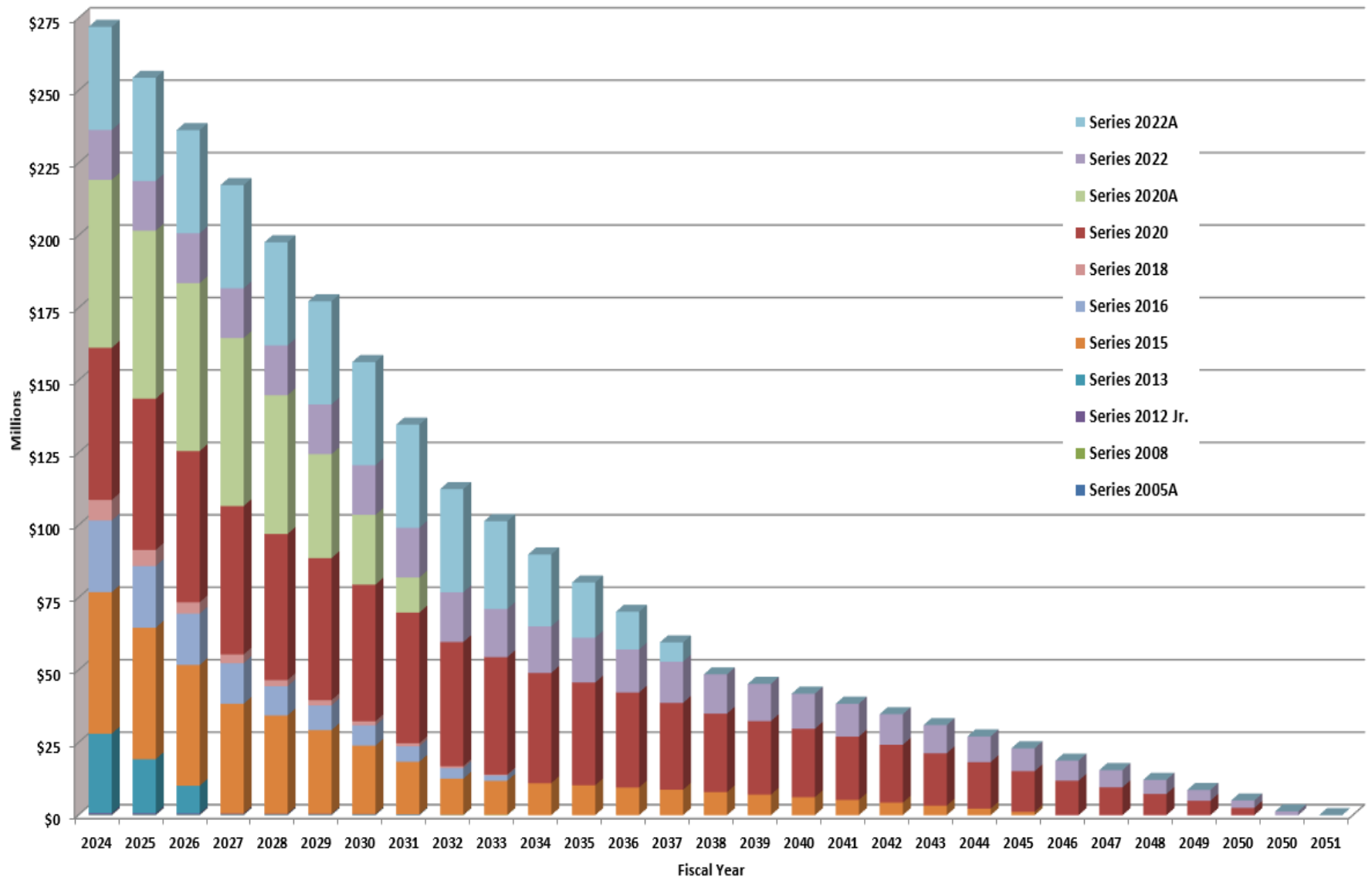
## **OUTSTANDING DEBT**

The Brownsville PUB has the following bonds outstanding as of September 30, 2023:

- \$163,725,000 Utilities System Revenue Improvement and Refunding Bonds, Series 2005A, due in a final installment of \$100,000 in 2031 with an interest rate of 5.0%. As of September 30, 2023, the outstanding balance was \$100,000.
- \$77,805,000 Utilities System Revenue Refunding Bonds, Series 2008, due in a final installment of \$100,000 in 2033 with an interest rate of 5.0%. As of September 30, 2023, the outstanding balance was \$100,000.
- \$840,000 Utilities System Junior Lien Revenue Bonds Series 2012, due in annual installments ranging from \$45,000 to \$60,000 through 2032 with interest rates ranging from .270% to 3.49%. As of September 30, 2023, the outstanding balance was \$455,000.
- \$118,185,000 Utilities System Revenue Refunding Bonds, Series 2013, due in annual installments ranging from \$8,755,000 to \$9,565,000 through 2026 with interest rates ranging from 2.0% to 4.0%. As of September 30, 2023, the outstanding balance was \$27,470,000.
- \$94,770,000 Utilities System Revenue Refunding Bonds, Series 2015, due in annual installments ranging from \$675,000 to \$5,675,000 through 2045 with interest rates ranging from 4.0% to 5.0%. As of September 30, 2023, the outstanding balance was \$48,835,000.
- \$39,410,000 Utilities System Revenue Refunding Bonds, Series 2016, due in annual installments ranging from \$1,515,000 to \$3,930,000 through 2033 with an interest rate of 5.0%. As of September 30, 2023, the outstanding balance was \$24,705,000.
- \$14,000,000 Utilities System Revenue Refunding Bonds, Series 2018, due in annual installments of \$310,000 to \$1,650,000 through 2033 with interest rates ranging from 4.0% to 5.0%. As of September 30, 2023, the outstanding balance was \$7,125,000.
- \$53,590,000 Utility System Revenue Refunding Bonds, Series 2020, due in annual installments of \$320,000 to \$2,880,000 through 2050 with interest rates ranging from 2.125% to 5.0%. As of September 30, 2023, the outstanding balance was \$52,495,000.
- \$62,320,000 Utility System Revenue Refunding Bonds, Series 2020A (Taxable), due in annual installments of \$10,105,000 to \$12,105,000 through 2031 with interest rates ranging from 0.579% to 1.882%. As of September 30, 2023, the outstanding balance was \$57,980,000.
- \$17,165,000 Utility System Revenue Refunding Bonds, Series 2022, due in annual installments of \$535,000 to \$1,305,000 through 2051 with interest rates ranging from 4.0% to 5.0%. As of September 30, 2023, the outstanding balance was \$17,165,000.
- \$35,605,000 Utility System Revenue Refunding Bonds, Series 2022A (Taxable), due in annual installments of \$5,285,000 to \$6,660,000 through 2037 with interest rates ranging from 4.0% to 5.0%. As of September 30, 2023, the outstanding balance was \$35,605,000.

The Brownsville PUB had \$17 million in commercial paper obligations outstanding as of September 30, 2023.

## Outstanding Principal Debt Through Maturity



## **DEBT SERVICE**

Following is a summary of each system's cost of borrowed money, including principal repayments and interest expense associated with the retirement of outstanding bonded debt and pooled loans. The Utility does not have a legally mandated debt limit.

	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	<b>UNAUDITED</b> ACTUAL FY 2023	BUDGET FY 2024
<b>ELECTRIC</b>						
Principal	\$ 9,074,805	\$ 10,200,718	\$ 11,954,860	\$ 12,415,635	\$ 12,939,748	\$ 12,391,885
Interest	8,328,011	7,796,716	6,758,529	7,052,369	7,830,742	7,895,484
<i>Total</i>	<u>17,402,817</u>	<u>17,997,434</u>	<u>18,713,389</u>	<u>19,468,004</u>	<u>20,770,490</u>	<u>20,287,369</u>
<b>WATER</b>						
Principal	1,817,648	1,879,604	2,255,923	2,342,271	2,439,581	2,310,644
Interest	1,683,713	1,577,780	1,405,035	1,417,621	1,425,111	1,438,747
<i>Total</i>	<u>3,501,360</u>	<u>3,457,384</u>	<u>3,660,958</u>	<u>3,759,892</u>	<u>3,864,692</u>	<u>3,749,391</u>
<b>WASTE WATER</b>						
Principal	2,521,848	2,277,874	2,634,315	2,759,647	2,900,288	2,882,472
Interest	2,340,705	2,211,098	2,178,227	2,157,423	2,071,450	1,965,033
<i>Total</i>	<u>4,862,553</u>	<u>4,488,972</u>	<u>4,812,542</u>	<u>4,917,070</u>	<u>4,971,738</u>	<u>4,847,505</u>
<b>TOTAL ALL SYSTEMS</b>	<u><u>\$ 25,766,730</u></u>	<u><u>\$ 25,943,791</u></u>	<u><u>\$ 27,186,889</u></u>	<u><u>\$ 28,144,965</u></u>	<u><u>\$ 29,606,920</u></u>	<u><u>\$ 28,884,265</u></u>
<b>SUMMARY</b>					<b>UNAUDITED</b>	
	ACTUAL FY 2019	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	ACTUAL FY 2023	BUDGET FY 2024
Principal	\$ 13,414,301	\$ 14,358,196	\$ 16,845,097	\$ 17,517,553	\$ 18,279,617	\$ 17,585,000
Interest	12,352,429	11,585,595	10,341,791	10,627,412	11,327,303	11,299,265
<i>Total</i>	<u><u>\$ 25,766,730</u></u>	<u><u>\$ 25,943,791</u></u>	<u><u>\$ 27,186,889</u></u>	<u><u>\$ 28,144,965</u></u>	<u><u>\$ 29,606,920</u></u>	<u><u>\$ 28,884,265</u></u>

**NOTE:**

Actual budget based on principal and interest payments made annually on September 30<sup>th</sup>.  
Commercial Paper for FY 2024 will incur \$830,000 of interest expense.

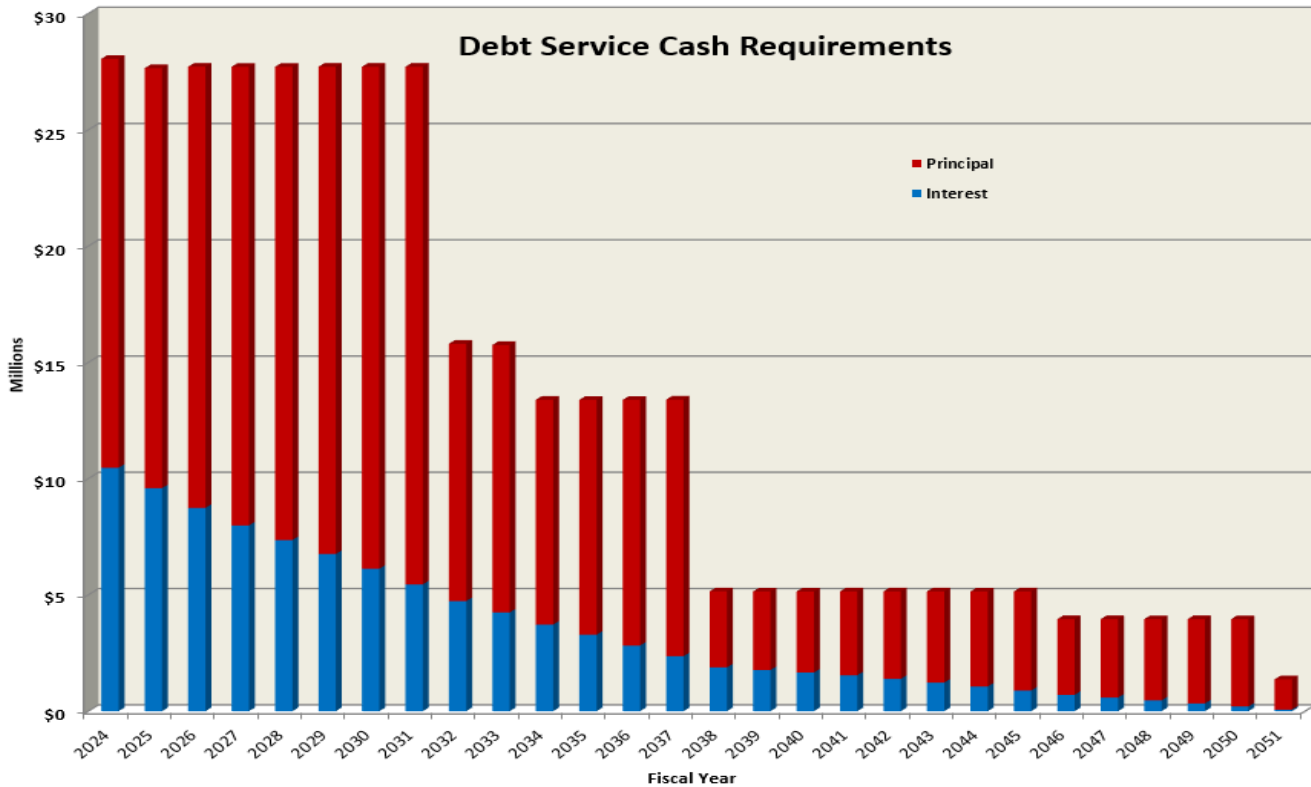
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## DEBT SERVICE REQUIREMENTS BY FISCAL YEAR

Yr End Sep 1,	Yrs	Principal	Interest	Total Debt Svc Requirements	Declining Debt Svc Balance
2024	28	17,585,000	10,469,265	28,054,265	341,420,918
2025	27	18,065,000	9,590,892	27,655,892	313,765,026
2026	26	18,975,000	8,743,304	27,718,304	286,046,722
2027	25	19,725,000	7,986,669	27,711,669	258,335,053
2028	24	20,355,000	7,357,298	27,712,298	230,622,755
2029	23	20,955,000	6,760,555	27,715,555	202,907,200
2030	22	21,590,000	6,124,459	27,714,459	175,192,741
2031	21	22,265,000	5,450,285	27,715,285	147,477,456
2032	20	11,065,000	4,736,177	15,801,177	131,676,279
2033	19	11,505,000	4,243,675	15,748,675	115,927,604
2034	18	9,670,000	3,721,562	13,391,562	102,536,042
2035	17	10,100,000	3,288,161	13,388,161	89,147,881
2036	16	10,565,000	2,823,399	13,388,399	75,759,482
2037	15	11,035,000	2,363,931	13,398,931	62,360,551
2038	14	3,270,000	1,883,300	5,153,300	57,207,251
2039	13	3,380,000	1,768,581	5,148,581	52,058,670
2040	12	3,485,000	1,660,319	5,145,319	46,913,351
2041	11	3,605,000	1,545,813	5,150,813	41,762,538
2042	10	3,760,000	1,391,200	5,151,200	36,611,338
2043	9	3,920,000	1,229,875	5,149,875	31,461,463
2044	8	4,085,000	1,061,650	5,146,650	26,314,813
2045	7	4,265,000	886,263	5,151,263	21,163,550
2046	6	3,255,000	703,100	3,958,100	17,205,450
2047	5	3,375,000	585,050	3,960,050	13,245,400
2048	4	3,495,000	462,400	3,957,400	9,288,000
2049	3	3,625,000	335,050	3,960,050	5,327,950
2050	2	3,755,000	202,700	3,957,700	1,370,250
2051	1	1,305,000	65,250	1,370,250	-
		<u>\$ 272,035,000</u>	<u>\$ 97,440,182</u>	<u>\$ 369,475,183</u>	

**NOTE:**

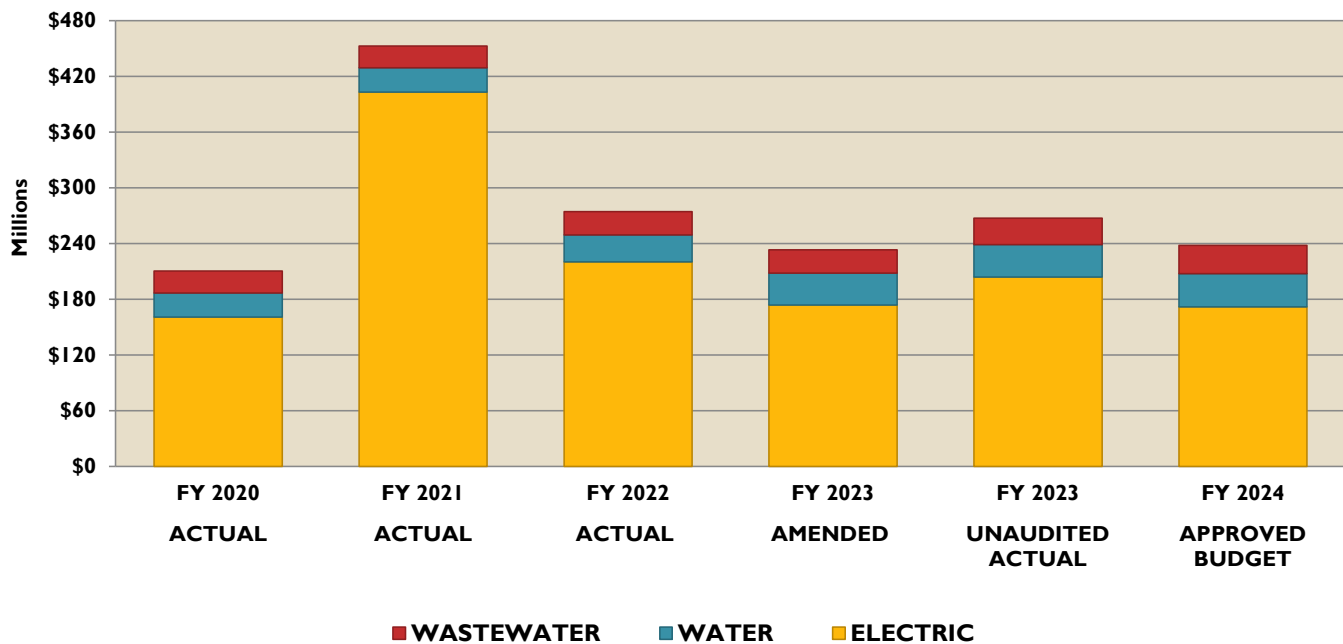
Debt Service schedule does not include debt associated with commercial paper expense of \$830,000 for the Electric, Water and Wastewater Systems approved for FY 2024.



# ***REVENUES***

## SALES & SERVICES TO CUSTOMERS OPERATING REVENUES BY SYSTEM

	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	AMENDED FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
ELECTRIC	\$ 160,823,487	\$ 402,975,742	\$ 220,257,980	\$ 173,849,413	\$ 203,848,734	\$ 171,949,448
WATER	26,064,387	26,272,204	29,042,631	34,256,484	35,127,372	35,789,650
WASTEWATER	23,444,247	23,381,370	25,007,715	25,069,539	28,295,143	30,308,488
<b>TOTAL</b>	<b>\$ 210,332,121</b>	<b>\$ 452,629,316</b>	<b>\$ 274,308,326</b>	<b>\$ 233,175,436</b>	<b>\$ 267,271,249</b>	<b>\$ 238,047,586</b>

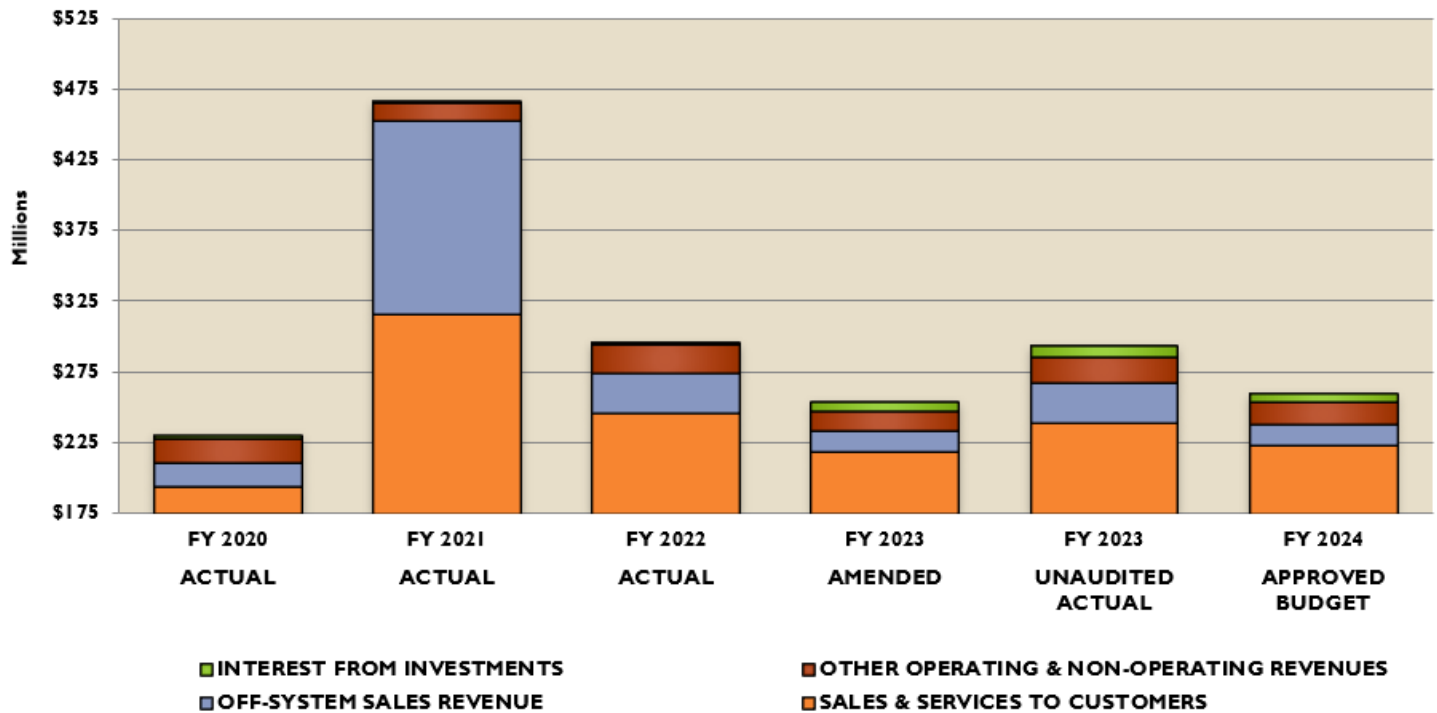


Operating revenues for all three utilities include base rate charges billed to customers. Electric Operating Revenues also include the recovery of fuel and purchased energy charges as well as Electric Reliability Council of Texas (ERCOT) related off-system sales. Water Operating Revenues include the assessment of the Resaca Fee imposed on all water customers. The unusually high Electric Sales were primarily attributable to the Winter Storm Uri event in February 2021.

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## REVENUES BY SOURCE

	ACTUAL	ACTUAL	ACTUAL	AMENDED	UNAUDITED ACTUAL	APPROVED BUDGET
	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2023</u>	<u>FY 2024</u>
SALES & SERVICES TO CUSTOMERS	\$ 194,221,166	\$ 316,520,517	\$ 246,301,756	\$ 218,175,436	\$ 239,291,742	\$ 223,047,586
OFF-SYSTEM SALES REVENUE	16,110,955	136,108,799	28,006,570	15,000,000	27,979,507	15,000,000
INTEREST FROM INVESTMENTS	2,092,892	268,114	1,257,979	6,000,000	7,447,390	6,000,000
OTHER OPERATING & NON- OPERATING REVENUES	16,882,629	12,706,015	19,858,743	14,155,448	17,909,216	15,462,519
TOTAL	<u>\$ 229,307,642</u>	<u>\$ 465,603,445</u>	<u>\$ 295,425,048</u>	<u>\$ 253,330,884</u>	<u>\$ 292,627,855</u>	<u>\$ 259,510,105</u>



### NOTE:

The FY 21 unusually high sales & service to customers and off -system sales revenues were in the electric utility and primarily attributable to the Winter Storm Uri event in February 2021.

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## **REVENUES – SOURCES, ASSUMPTIONS AND TRENDS**

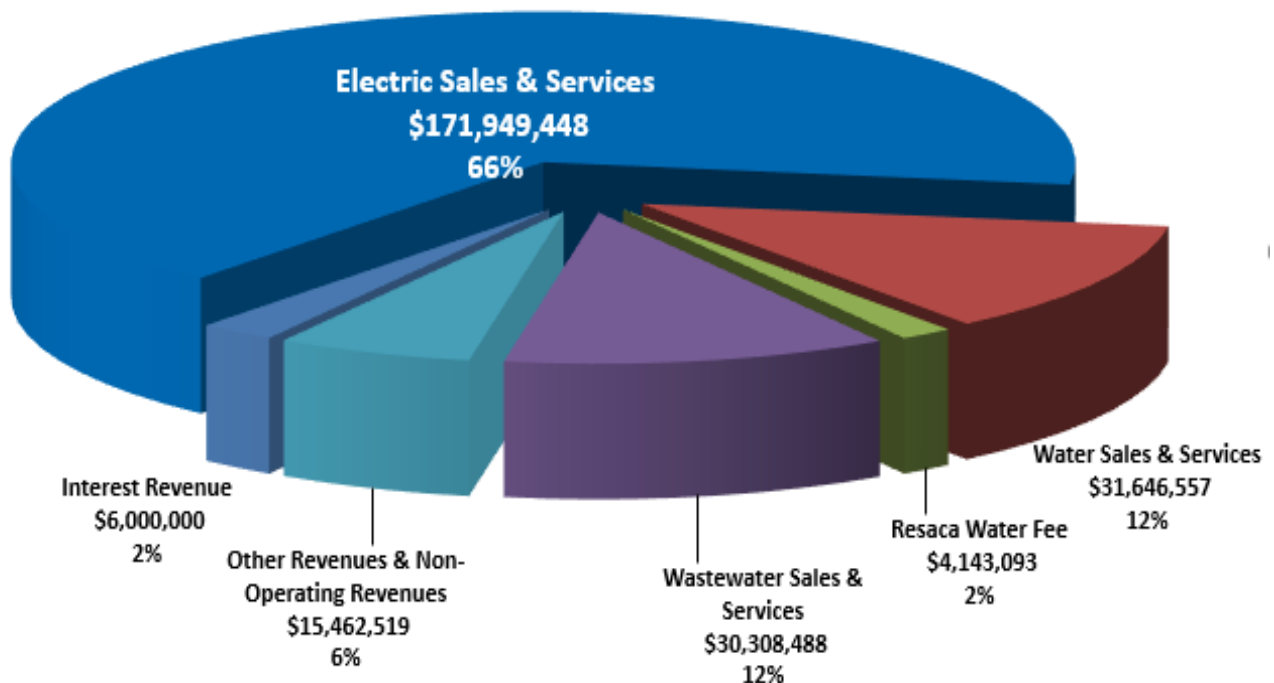
### **SOURCES**

In FY 2024, Brownsville PUB expects to generate 85.95% of revenues through base rates charged to customers and from the Fuel & Purchased Energy Charge (FPEC). Off-system sales revenue (ERCOT related transactions) make up 5.78% of the total revenue budget for FY 2024. Because of the uncertainty of these off-system sales BPUB takes a conservative approach to forecasting them. The remainder is made up of interest from investments and other operating and non-operating revenues (other revenues) which include customer service charges such as forfeited discounts (penalties) and connection and service charges. Other revenues also include Tele-Communications Inc. (TCI) pole rental charges, Transmission Cost of Service (TCOS), and ERCOT congestion rights revenues. These other revenues are relatively stable therefore the forecast is based on historical averages.

### **FY 2024 REVENUES BY SOURCES**

	<u>ELECTRIC</u>	<u>WATER</u>	<u>WASTEWATER</u>	<u>TOTAL</u>
SALES & SERVICES TO CUSTOMERS	\$ 156,949,448	\$ 35,789,650	\$ 30,308,488	\$ 223,047,586
OFF-SYSTEM SALES REVENUE	15,000,000	-	-	15,000,000
INTEREST FROM INVESTMENTS	3,600,000	1,200,000	1,200,000	6,000,000
OTHER OPERATING & NON-OPERATING REVENUES	13,498,135	982,192	982,192	15,462,519
	<u>\$ 189,047,583</u>	<u>\$ 37,971,842</u>	<u>\$ 32,490,680</u>	<u>\$ 259,510,105</u>

### **FY 2024 REVENUES BY SYSTEM AND SOURCES**



## ASSUMPTIONS AND TRENDS

The Brownsville PUB estimated unit sales, sales revenues and customer billings for FY 2024 for the electric, water and wastewater systems. Unit sales and revenues are based on three-year average historic data of customer sales and financial results with a customer growth factor added to the calculations. We continue to compare our revenues to our level of spending on a continual basis to ensure that adequate operating reserves are built up and maintained.

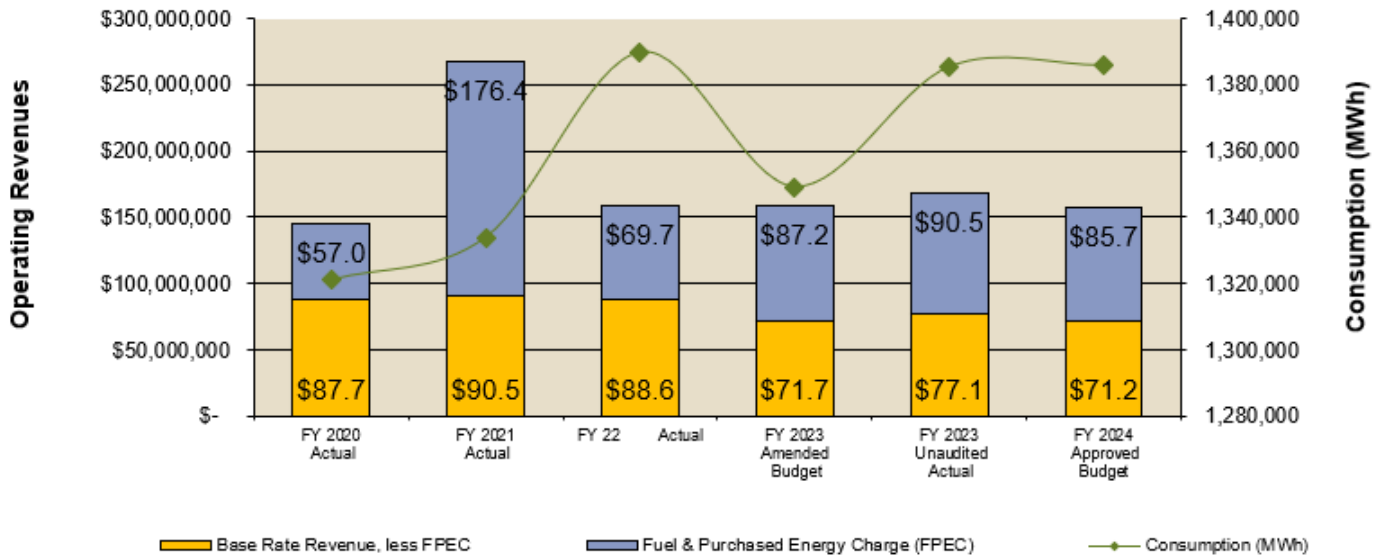
Electric, water and wastewater revenues were developed using current City Commission approved rates.

The FPEC in the electric system is analyzed and adjusted as needed on a monthly basis due to the volatility of fuel and purchased power prices.

### ELECTRIC

Total FY 2024 electric sales revenues (excluding off-system sales) are expected to decrease \$1.90 million or 1.20% below the FY 2023 Amended Budget levels due to a decrease in the projected fuel costs.

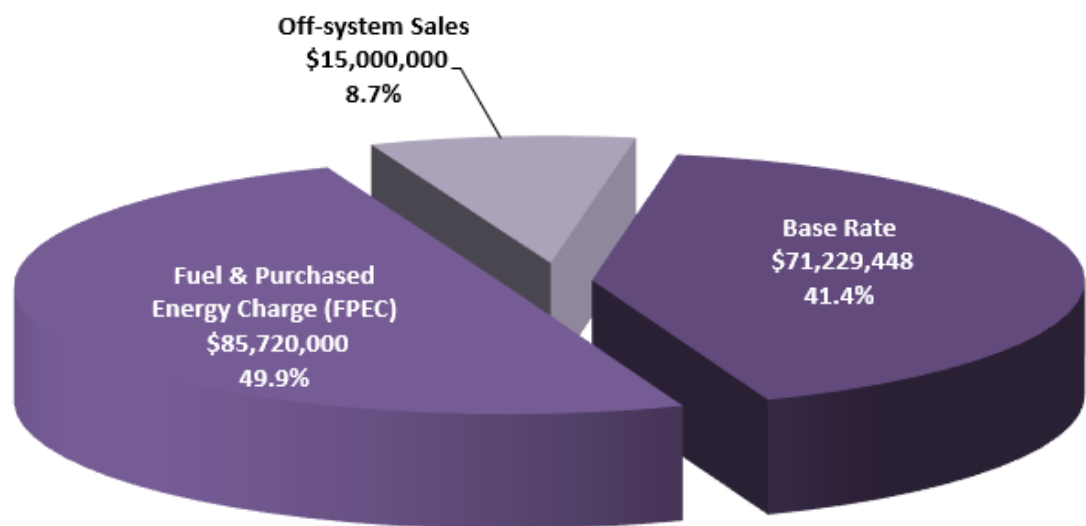
Electric consumption and operating revenues are depicted in the chart below



Fiscal Years 2023 and 2024 Original Budget base rate projections reflect gradual changes in unit sales. Based upon budgeted unit sales, adjusted electric sales revenues, excluding off-system sales for FY 2024, will be approximately \$156.95 million compared to \$158.85 million budgeted in 2023.

The exceptionally high fuel & purchased energy charge in FY 2021 is primarily due to the Winter Storm Uri event in February 2021.

The following graph shows electric sales revenues by revenue source:



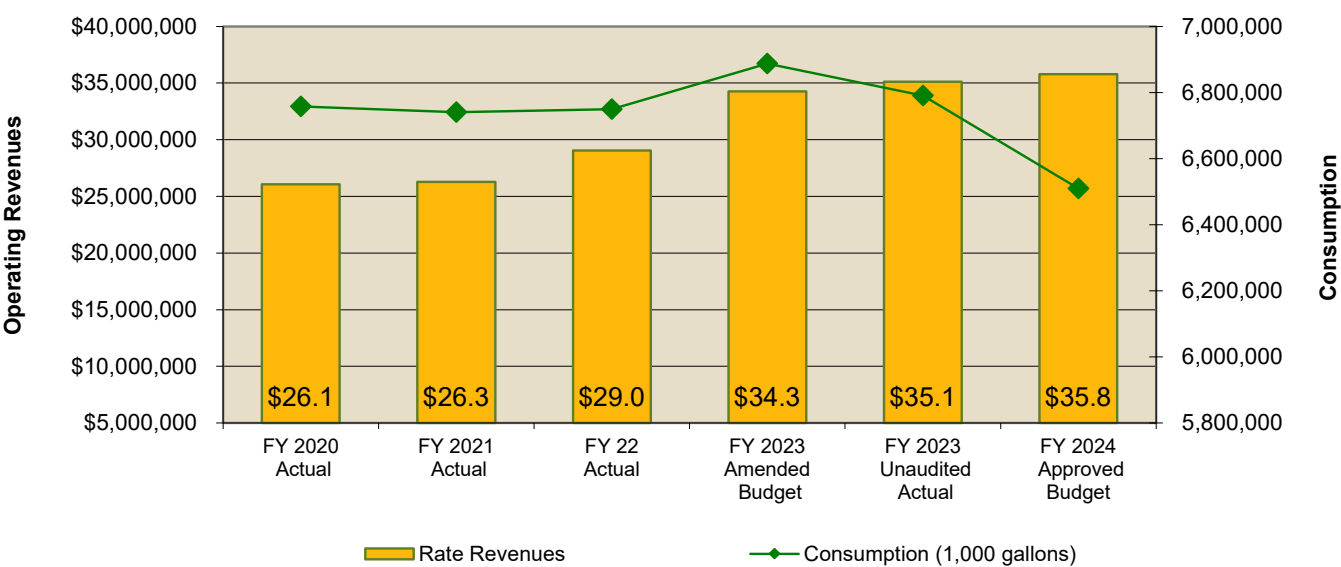
Based upon a review of historical customer statistics, customer accounts have increased on average by approximately 1.5% per year. For the fiscal year ended September 30, 2023, Brownsville PUB’s approximate 54,008 electric customers were comprised of 87.6% residential, 11.3% commercial/industrial, and 1.1% municipal. Residential, commercial/industrial, and municipal customers provided approximately 48.4%, 46.7% and 4.9%, respectively, of electric system sales revenues.

The remaining other operating revenues and non-operating revenues were estimated for the periods based upon recent trends and/or estimated changes in fees and charges where appropriate.

**WATER**

Total FY 2024 water revenues are expected to increase by \$1,533,166 or 4.48% above FY 2023 budget levels. This is largely attributed to approved rate increases that will take effect on January 1, 2024.

Water consumption and operating revenues are depicted in the following chart.



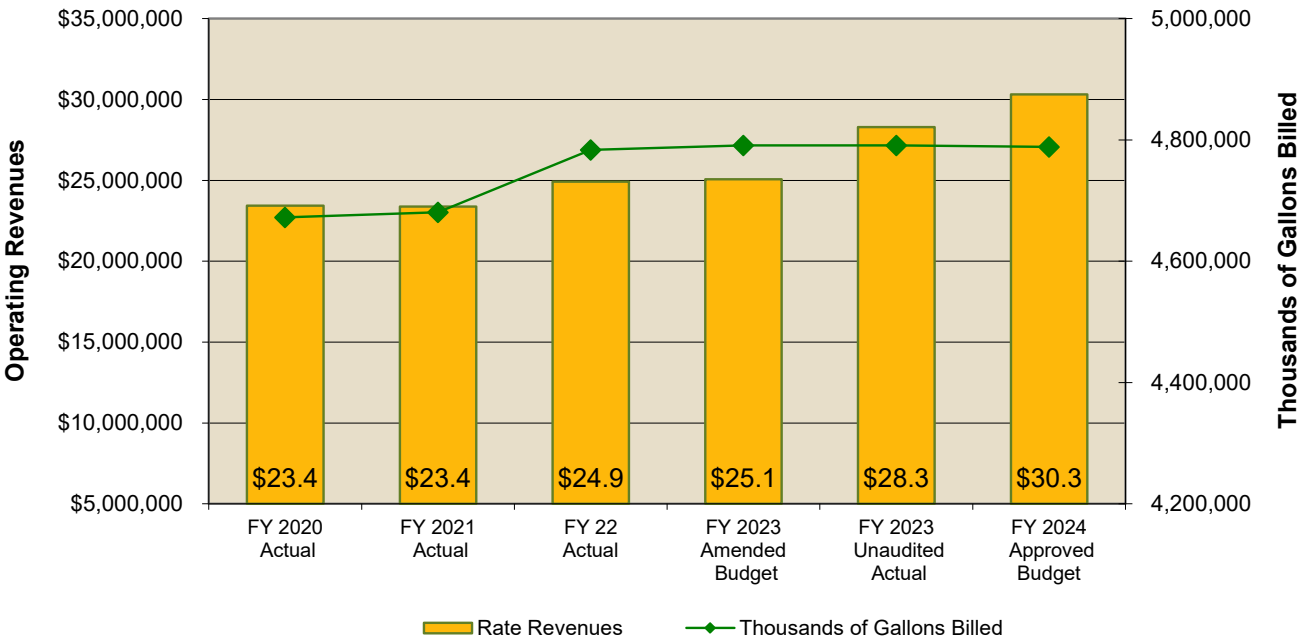
For the fiscal year ended 2023, Brownsville PUB’s approximate 55,021 water customers were comprised of residential, commercial, and municipal customers within the City and adjacent unincorporated areas. Brownsville PUB also sells treated water at wholesale rates to three water distribution systems and in FY 2022 these sales accounted for approximately 5.26% of the water system’s sales revenues and 8.0% of its sales volume. The Brownsville PUB partnered with the SRWA and built a 10.0 million gallon per day reverse osmosis water treatment plant of which the Brownsville PUB has 92.91% ownership. This plant includes a 7.5-million-gallon storage tank.

The remaining other operating revenues and non-operating revenues were estimated for the periods based upon historical trends.

**WASTEWATER**

Total FY 2024 wastewater revenues are expected to increase by \$5,238,949 or 20.90% above FY 2023 amended budget levels. This is largely attributed to an approved rate increase of 9% that will take effect on January 1, 2024.

Wastewater consumption and operating revenues are depicted in the following chart.



The wastewater system provided service to approximately 55,490 customers at the end of FY 2023 and accounted for approximately 10.6% of the Brownsville PUB’s total operating revenues during that period.

The remaining other operating revenues and non-operating revenues were estimated for the periods based upon historical trends.

**TOTAL UTILITY COMBINED REVENUES & REQUIREMENTS**  
**FY 2020 – FY 2024**

	FY 2020 Actual	FY 2021 Actual	FY 2022 Actual	FY 2023 Amended Budget	FY 2023 <b>Unaudited</b> Budget	FY 2024 Approved Budget
1 Operating Revenues	\$ 194,221,166	\$ 316,520,517	\$ 245,163,627	\$ 214,342,406	\$ 235,497,889	\$ 218,904,493
2 Off-system Sales Revenues	16,110,955	136,108,799	28,006,570	15,000,000	27,979,507	15,000,000
3 Revenue from Resaca Fee	-	-	1,138,129	3,833,030	3,793,853	4,143,093
4 Net Operating Revenues	210,332,121	452,629,316	274,308,326	233,175,436	267,271,249	238,047,586
5 Interest from Investments	2,092,892	268,114	1,257,979	6,000,000	7,447,390	6,000,000
6 Other Revenues	15,288,689	10,570,346	17,537,297	12,545,448	15,459,775	13,622,519
7 Other Non-operating Revenues	1,593,940	2,135,669	2,321,446	1,610,000	2,449,441	1,840,000
8 Gross Revenues	229,307,642	465,603,445	295,425,048	253,330,884	292,627,855	259,510,105
9 Less:						
10 Fuel & Energy Costs	54,922,676	176,379,171	97,136,128	87,165,844	94,004,774	85,720,000
11 Off-system Sales Expenses	11,073,906	32,719,525	12,272,009	9,000,000	10,610,176	9,000,000
12 SRWA O&M	3,785,726	3,960,083	4,000,741	5,285,010	5,285,010	5,142,961
13 SRWA Debt Service	2,113,521	1,434,210	2,115,131	2,116,457	2,116,457	2,114,777
14 Adjusted Gross Revenues	157,411,813	251,110,456	179,901,039	149,763,573	180,611,438	157,532,367
15 Personnel O&M Expenses	42,388,241	40,617,779	38,784,061	48,457,714	49,359,884	54,207,693
16 Non-Personnel O&M Expenses	33,087,871	33,869,413	38,655,692	43,216,076	40,551,474	44,855,523
17 Net Resaca Fee Funded O&M	-	-	-	-	-	2,657,232
18 Subtotal O&M Expenses	75,476,112	74,487,192	77,439,753	91,673,790	89,911,358	101,720,449
19 Other Non-Operating Expenses	1,153,038	214,939	833,792	1,100,000	919,194	1,100,000
20 Balance Available for Debt Service and Other Legal Purposes	80,782,663	176,408,326	101,627,493	56,989,784	89,780,887	54,711,918
21 Debt Service:						
22 Existing	25,492,307	27,178,028	27,965,771	29,748,071	29,606,920	28,054,265
23 Commercial Paper Interest Expense	451,484	8,861	179,194	200,000	-	830,000
24 Total Debt Service & CP Expense	25,943,791	27,186,889	28,144,965	29,948,071	29,606,920	28,884,265
25 Available After Debt Service	54,838,872	149,221,437	73,482,528	27,041,714	60,173,967	25,827,653
26 Other Uses of Cash:						
27 COB Cash Transfer	11,170,349	20,524,044	12,477,803	9,915,814	12,007,722	9,737,328
28 COB Usage	4,570,831	4,587,000	5,512,301	5,060,544	6,053,424	6,015,909
29 Total Cash/Utility Benefit COB	15,741,181	25,111,045	17,990,104	14,976,358	18,061,145	15,753,238
30 Balance Available to Surplus for Transfers Out	<u>\$ 39,097,691</u>	<u>\$ 124,110,392</u>	<u>\$ 55,492,424</u>	<u>\$ 17,125,900</u>	<u>\$ 42,112,822</u>	<u>\$ 16,090,325</u>
31 Proposed Uses of Balance Available for Transfers Out:						
32 Operating Subaccount-Fuel Adjustment	\$ 18,000,000	\$ 16,000,000	\$ 13,581,220	\$ 2,136,244	\$ 2,136,244	\$ -
33 Improvement Fund- CIP Funding	10,300,503	7,378,540	7,389,389	8,908,415	8,908,415	15,018,773
Improvement Fund (Resaca Fee) - Resaca CIP						
34 Funding	-	-	-	359,791	359,791	1,071,552
35 Commercial Paper Defeasance	-	2,000,000	1,333,333	-	-	-
36 Total Transfers Out	28,300,503	25,378,540	22,303,942	11,404,452	11,404,450	16,090,325
37 Balance Available to BPUB:						
38 Improvement Fund - Surplus Revenues	10,797,188	98,731,852	33,188,482	2,248,210	27,364,839	-
39 Resaca Fee Surplus	-	-	-	3,473,239	3,343,533	-
40 Total	<u>\$ 39,097,691</u>	<u>\$ 124,110,392</u>	<u>\$ 55,492,424</u>	<u>\$ 17,125,900</u>	<u>\$ 42,112,822</u>	<u>\$ 16,090,325</u>
41 Debt Service Coverage Ratio	3.11	6.49	3.61	1.90	3.03	1.89

**ELECTRIC REVENUES & REQUIREMENTS**  
**FY 2020 – FY 2024**

	FY 2020 Actual	FY 2021 Actual	FY 2022 Actual	FY 2023 Amended Budget	FY 2023 <b>Unaudited</b> Actual	FY 2024 Approved Budget
1 Operating Revenues	\$ 144,712,532	\$ 266,866,943	\$ 192,251,410	\$ 158,849,413	\$ 175,869,227	\$ 156,949,448
2 Off-system Sales Revenues	16,110,955	136,108,799	28,006,570	15,000,000	27,979,507	15,000,000
3 Revenue from Resaca Fee	-	-	-	-	-	-
4 Net Operating Revenues	160,823,487	402,975,742	220,257,980	173,849,413	203,848,734	171,949,448
5 Interest from Investments	1,288,680	162,438	759,987	3,600,000	4,513,593	3,600,000
6 Other Revenues	14,303,091	8,941,286	15,830,724	11,317,644	14,261,206	12,068,135
7 Other Non-operating Revenues	1,190,549	1,727,630	1,865,606	1,260,000	1,844,942	1,430,000
8 Gross Revenues	177,605,807	413,807,096	238,714,297	190,027,057	224,468,475	189,047,583
9 Less:						
10 Fuel & Energy Costs	54,922,676	176,379,171	97,136,128	87,165,844	94,004,774	85,720,000
11 Off-system Sales Expenses	11,073,906	32,719,525	12,272,009	9,000,000	10,610,176	9,000,000
12 SRWA O&M	-	-	-	-	-	-
13 SRWA Debt Service	-	-	-	-	-	-
14 Adjusted Gross Revenues	111,609,225	204,708,400	129,306,160	93,861,213	119,853,525	94,327,583
15 Personnel O&M Expenses	24,054,127	23,099,143	22,515,562	28,233,195	28,812,997	29,460,942
16 Non-Personnel O&M Expenses	21,813,337	22,797,988	26,749,075	29,606,025	27,005,287	27,991,520
17 Subtotal O&M Expenses	45,867,464	45,897,131	49,264,637	57,839,220	55,818,284	57,452,462
18 Other Non-Operating Expenses	578,026	151,328	380,034	500,000	402,332	500,000
19 Balance Available for Debt Service and Other Legal Purposes	65,163,735	158,659,941	79,661,489	35,521,993	63,632,910	36,375,121
20 Debt Service:						
21 Existing	17,730,472	18,708,149	19,362,046	20,867,229	20,770,490	19,706,369
22 Commercial Paper Interest Expense	266,962	5,240	105,958	140,000	-	581,000
23 Total Debt Service & CP Expense	17,997,434	18,713,389	19,468,004	21,007,229	20,770,490	20,287,369
24 Available After Debt Service	47,166,301	139,946,552	60,193,485	14,514,764	42,862,420	16,087,752
25 Other Uses of Cash:						
26 COB Cash Transfer	7,742,541	17,039,951	8,707,564	5,682,430	7,319,144	4,999,692
27 COB Usage	3,418,381	3,430,888	4,223,052	3,703,692	4,666,211	4,433,066
28 Total Cash/Utility Benefit COB	11,160,922	20,470,839	12,930,616	9,386,122	11,985,353	9,432,758
29 Balance Available to Surplus for Transfers Out	<u>\$ 36,005,379</u>	<u>\$ 119,475,713</u>	<u>\$ 47,262,869</u>	<u>\$ 8,832,334</u>	<u>\$ 30,877,067</u>	<u>\$ 11,088,060</u>
30 <u>Proposed Uses of Balance Available for Transfers Out:</u>						
31 Operating Subaccount-Fuel Adjustment	\$ 18,000,000	\$ 16,000,000	\$ 13,581,220	\$ 2,136,244	\$ 2,136,244	\$ -
32 Improvement Fund- CIP Funding	8,818,393	6,104,967	4,355,016	5,730,671	5,730,671	11,088,060
Improvement Fund (Resaca Fee) - Resaca CIP						
33 Funding	-	-	-	-	-	-
34 Commercial Paper Defeasance	-	2,000,000	1,333,333	-	-	-
35 Total Transfers Out	26,818,393	24,104,967	19,269,569	7,866,915	7,866,915	11,088,060
36 Balance Available to BPUB:						
37 Improvement Fund - Surplus Revenues	9,186,986	95,370,746	27,993,300	965,419	23,010,152	-
38 Resaca Fee Surplus	-	-	-	-	-	0
39 Total	<u>\$ 36,005,379</u>	<u>\$ 119,475,713</u>	<u>\$ 47,262,869</u>	<u>\$ 8,832,334</u>	<u>\$ 30,877,067</u>	<u>\$ 11,088,060</u>
40 Debt Service Coverage Ratio	3.62	8.48	4.09	1.69	3.06	1.79

# WATER REVENUES & REQUIREMENTS

## FY 2020 – FY 2024

	FY 2020 Actual	FY 2021 Actual	FY 2022 Actual	FY 2023 Amended Budget	FY 2023 <b>Unaudited</b> Actual	FY 2024 Approved Budget
1 Operating Revenues	\$ 26,064,387	\$ 26,272,204	\$ 27,904,502	\$ 30,423,454	\$ 31,333,519	\$ 31,646,557
2 Off-system Sales Revenues	-	-	-	-	-	-
3 Revenue from Resaca Fee	-	-	1,138,129	3,833,030	3,793,853	4,143,093
4 Net Operating Revenues	26,064,387	26,272,204	29,042,631	34,256,484	35,127,372	35,789,650
5 Interest from Investments	402,106	52,838	248,996	1,200,000	1,464,732	1,200,000
6 Other Revenues	653,579	1,063,842	1,106,191	613,902	786,663	777,192
7 Other Non-operating Revenues	208,414	204,355	227,920	175,000	356,517	205,000
8 Gross Revenues	27,328,486	27,593,239	30,625,738	36,245,386	37,735,284	37,971,842
9 Less:						
10 Fuel & Energy Costs	-	-	-	-	-	-
11 Off-system Sales Expenses	-	-	-	-	-	-
12 SRWA O&M	3,785,726	3,960,083	4,000,741	5,285,010	5,285,010	5,142,961
13 SRWA Debt Service	2,113,521	1,434,210	2,115,131	2,116,457	2,116,457	2,114,777
14 Adjusted Gross Revenues	21,429,239	22,198,946	24,509,866	28,843,919	30,333,817	30,714,104
15 Personnel O&M Expenses	9,041,211	8,590,511	7,540,517	9,395,100	9,574,076	11,563,851
16 Non-Personnel O&M Expenses	6,376,861	5,997,751	5,753,022	7,060,524	6,554,832	8,340,594
17 Net Resaca Fee Funded O&M	-	-	-	-	-	2,657,232
18 Subtotal O&M Expenses	15,418,072	14,588,262	13,293,539	16,455,624	16,128,908	22,561,677
19 Other Non-Operating Expenses	173,407	(200,072)	153,525	300,000	254,669	300,000
20 Balance Available for Debt Service and Other Legal Purposes	5,837,760	7,810,756	11,062,802	12,088,295	13,950,240	7,852,426
21 Debt Service:						
22 Existing	3,381,445	3,659,468	3,729,751	3,886,492	3,864,692	3,624,891
23 Commercial Paper Interest Expense	75,940	1,490	30,140	30,000	-	124,500
24 Total Debt Service & CP Expense	3,457,385	3,660,958	3,759,891	3,916,492	3,864,692	3,749,391
25 Available After Debt Service	2,380,375	4,149,798	7,302,911	8,171,803	10,085,548	4,103,035
26 Other Uses of Cash:						
27 COB Cash Transfer	1,408,276	1,502,302	1,699,192	2,047,422	2,250,289	2,182,442
28 COB Usage	734,648	717,593	751,795	836,970	783,093	888,968
29 Total Cash/Utility Benefit COB	2,142,924	2,219,895	2,450,987	2,884,392	3,033,382	3,071,410
30 Balance Available to Surplus for Transfers Out	\$ 237,451	\$ 1,929,903	\$ 4,851,924	\$ 6,124,381	\$ 7,052,166	\$ 1,920,593
31 <u>Proposed Uses of Balance Available for Transfers Out:</u>						
32 Operating Subaccount-Fuel Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
33 Improvement Fund- CIP Funding	811,011	519,923	1,008,837	1,669,534	1,669,534	849,041
Improvement Fund (Resaca Fee) - Resaca CIP						
34 Funding	-	-	-	359,791	359,791	1,071,552
35 Commercial Paper Defeasance	-	-	-	-	-	-
36 Total Transfers Out	811,011	519,923	1,008,837	2,029,325	2,029,325	1,920,593
37 Balance Available to BPUB:						
38 Improvement Fund - Surplus Revenues	(573,560)	1,409,980	3,843,087	621,817	1,679,308	-
39 Resaca Fee Surplus	-	-	-	3,473,239	3,343,533	-
40 Total	\$ 237,451	\$ 1,929,903	\$ 4,851,924	\$ 6,124,381	\$ 7,052,166	\$ 1,920,593
41 Debt Service Coverage Ratio	1.69	2.13	2.94	3.09	3.61	2.09

**WASTEWATER REVENUES & REQUIREMENTS**  
**FY 2020 – FY 2024**

	FY 2020 Actual	FY 2021 Actual	FY 2022 Actual	FY 2023 Amended Budget	FY 2023 <b>Unaudited</b> Actual	FY 2024 Approved Budget
1 Operating Revenues	\$ 23,444,247	\$ 23,381,370	\$ 25,007,715	\$ 25,069,539	\$ 28,295,143	\$ 30,308,488
2 Off-system Sales Revenues	-	-	-	-	-	-
3 Revenue from Resaca Fee	-	-	-	-	-	-
4 Net Operating Revenues	23,444,247	23,381,370	25,007,715	25,069,539	28,295,143	30,308,488
5 Interest from Investments	402,106	52,838	248,996	1,200,000	1,469,065	1,200,000
6 Other Revenues	332,019	565,218	600,382	613,902	411,906	777,192
7 Other Non-operating Revenues	194,977	203,684	227,920	175,000	247,982	205,000
8 Gross Revenues	24,373,349	24,203,110	26,085,013	27,058,441	30,424,096	32,490,680
9 Less:						
10 Fuel & Energy Costs	-	-	-	-	-	-
11 Off-system Sales Expenses	-	-	-	-	-	-
12 SRWA O&M	-	-	-	-	-	-
13 SRWA Debt Service	-	-	-	-	-	-
14 Adjusted Gross Revenues	24,373,349	24,203,110	26,085,013	27,058,441	30,424,096	32,490,680
15 Personnel O&M Expenses	9,292,903	8,928,125	8,727,983	10,829,419	10,972,811	13,182,901
16 Non-Personnel O&M Expenses	4,897,673	5,073,674	6,153,595	6,549,526	6,991,355	8,523,409
17 Subtotal O&M Expenses	14,190,576	14,001,798	14,881,578	17,378,945	17,964,166	21,706,310
18 Other Non-Operating Expenses	401,605	263,683	300,233	300,000	262,193	300,000
19 Balance Available for Debt Service and Other Legal Purposes	9,781,168	9,937,629	10,903,202	9,379,496	12,197,737	10,484,370
20 Debt Service:						
21 Existing	4,380,390	4,810,411	4,873,974	4,994,350	4,971,738	4,723,005
22 Commercial Paper Interest Expense	108,582	2,131	43,096	30,000	-	124,500
23 Total Debt Service & CP Expense	4,488,972	4,812,542	4,917,070	5,024,350	4,971,738	4,847,505
24 Available After Debt Service	5,292,196	5,125,087	5,986,132	4,355,146	7,225,999	5,636,865
25 Other Uses of Cash:						
26 COB Cash Transfer	2,019,532	1,981,791	2,071,047	2,185,962	2,438,289	2,555,194
27 COB Usage	417,803	438,520	537,454	519,882	604,121	693,876
28 Total Cash/Utility Benefit COB	2,437,335	2,420,311	2,608,501	2,705,844	3,042,410	3,249,070
29 Balance Available to Surplus for Transfers Out	\$ 2,854,861	\$ 2,704,776	\$ 3,377,631	\$ 2,169,184	\$ 4,183,589	\$ 3,081,671
30 <u>Proposed Uses of Balance Available for Transfers Out:</u>						
31 Operating Subaccount-Fuel Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32 Improvement Fund- CIP Funding	671,099	753,650	2,025,536	1,508,210	1,508,210	3,081,671
Improvement Fund (Resaca Fee) - Resaca CIP						
33 Funding	-	-	-	-	-	-
34 Commercial Paper Defeasance	-	-	-	-	-	-
35 Total Transfers Out	671,099	753,650	2,025,536	1,508,210	1,508,210	3,081,671
36 Balance Available to BPUB:						
37 Improvement Fund - Surplus Revenues	2,183,762	1,951,126	1,352,095	660,974	2,675,379	-
38 Resaca Fee Surplus	-	-	-	-	-	-
39 Total	\$ 2,854,861	\$ 2,704,776	\$ 3,377,631	\$ 2,169,184	\$ 4,183,589	\$ 3,081,671
40 Debt Service Coverage Ratio	2.18	2.06	2.22	1.87	2.45	2.16



# APPROVED AND PROJECTED REVENUES & REQUIREMENTS COMBINED UTILITY FY 2024 – FY 2029

Line No.	Description	APPROVED FY 2024	PROJECTED FY 2025	PROJECTED FY 2026	PROJECTED FY 2027	PROJECTED FY 2028	PROJECTED FY 2029
1	Operating Revenues - Base Rates	\$ 133,184,493	\$ 136,414,671	\$ 140,297,529	\$ 142,067,416	\$ 143,860,506	\$ 145,677,112
2	Operating Revenues - Fuel & Purchased Energy	85,720,000	90,006,000	94,506,300	99,231,615	104,193,196	109,402,856
3	Revenue from Resaca Fee	4,143,093	4,215,639	4,257,795	4,300,373	4,343,377	4,386,811
4	Off-system Sales	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000
5	Net Operating Revenues	238,047,586	245,636,310	254,061,624	260,599,404	267,397,078	274,466,779
6	Interest on Investments	6,000,000	4,400,000	2,800,000	2,500,000	2,500,000	2,500,000
8	Other Revenues	13,622,519	13,758,744	13,896,332	14,035,295	14,175,648	14,317,404
9	Other Non-Operating Revenues	1,840,000	1,858,400	1,876,984	1,895,754	1,914,711	1,933,858
10	Gross Revenues	259,510,105	265,653,454	272,634,940	279,030,453	285,987,438	293,218,042
11	LESS:						
12	Production (Fuel, Purchased Power, Other)	85,720,000	90,006,000	94,506,300	99,231,615	104,193,196	109,402,856
13	Off-system Energy Expenses	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000
14	SRWA O&M	5,142,961	5,549,261	5,400,109	5,826,724	5,670,115	6,118,060
15	SRWA Debt Service	2,114,777	2,220,516	2,331,542	2,448,119	2,570,525	2,699,051
16	Adjusted Gross Revenues	157,532,367	158,877,678	161,396,989	162,523,996	164,553,603	165,998,076
17	Personnel (O&M)	54,207,694	55,020,809	55,846,122	56,683,813	57,534,071	58,397,082
18	Non-Personnel (O&M)	44,855,523	47,098,299	49,453,214	51,925,875	54,522,169	57,248,277
19	Resaca	2,657,232	3,794,075	3,832,016	3,870,336	3,909,039	3,948,130
20	Total O&M	101,720,449	105,913,184	109,131,352	112,480,024	115,965,283	119,593,493
21	Other Non-Operating Expenses	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000
22	Total Operating Expenses	204,798,187	213,788,960	221,469,302	230,086,481	238,499,118	247,913,460
23	Balance Available for Debt Service and						
24	Other Legal Purposes	54,711,918	51,864,494	51,165,638	48,943,972	47,488,319	45,304,582
25	Debt Service:						
26	Existing	28,054,265	27,655,892	27,718,304	28,274,169	29,607,298	30,732,649
27	Commercial Paper Interest Expense	830,000	900,000	1,200,000	1,500,000	77,500	77,500
28	Total Debt Service Requirements	28,884,265	28,555,892	28,918,304	29,774,169	29,684,798	30,810,149
29	Available After Debt Service	25,827,653	23,308,602	22,247,333	19,169,803	17,803,521	14,494,433
30	Other Uses of Cash:						
31	Calculated City Transfer	15,753,236	15,887,768	16,139,699	16,252,400	16,455,360	16,599,807
32	COB Usage	(6,015,910)	(6,076,069)	(6,136,830)	(6,198,198)	(6,260,180)	(6,322,782)
33	Net Cash Transfer to COB	9,737,328	9,811,699	10,002,870	10,054,202	10,195,183	10,277,031
34	Balance Available to Surplus for Transfers Out	\$ 16,090,324	\$ 13,496,903	\$ 12,244,464	\$ 9,115,601	\$ 7,608,338	\$ 4,217,402
35	Approved Uses of Balance Available for Transfers Out:						
36	Operating Subaccount - Fuel Adjustment	-	-	-	-	-	-
37	Improvement Fund- CIP Funding	\$ 15,018,772	\$ 13,496,903	\$ 12,244,464	\$ 9,115,601	\$ 7,608,338	\$ 4,217,402
38	Commercial Paper Defeasance	-	-	-	-	-	-
39	Improvement Fund (RESACA FEE) -Resaca CIP Funding	1,071,552	-	-	-	-	-
40	Total Transfers Out	16,090,324	13,496,903	12,244,464	9,115,601	7,608,338	4,217,402
41	Balance Available to BPUB:						
42	Improvement Fund - Surplus Revenues	-	-	-	-	-	-
43	Resaca Fee Surplus	-	-	-	-	-	-
44	Total	\$ 16,090,324	\$ 13,496,903	\$ 12,244,464	\$ 9,115,601	\$ 7,608,338	\$ 4,217,402
45	Debt Service Coverage	1.89	1.82	1.77	1.64	1.60	1.47

The five-year forecast was developed using the following assumptions:

- Sales & Service to Customers reflect future planned rate adjustments to the water and wastewater utilities.
- The Resaca Fee is expected to remain constant at \$6.25 going forward.
- Fuel & purchased energy charges are expected to increase by 5% annually.
- Off System Sales Revenue and Other Operating & Non-Operating Revenues primarily include unpredictable ERCOT related transactions and based on historical averages.
- Interest from Investments are forecasted to decrease over the next five years due to anticipated reductions to FED rates.
- SRWA and Non-Personnel O&M expenses are forecasted to increase by 5% based on average national inflation rates, while Personnel O&M expenses are forecasted to increase by 1.5%.
- Other Non-Operating Expenses have and should continue to remain relatively flat.
- Debt Service is expected to increase during FY 2028 due to the conversion of Commercial Paper notes to long term debt.
- The City Cash Transfer fund is based on Adjusted Gross Revenues and is forecasted to increase at a rate of approximately 1% annually.

This forecast is designed to provide sufficient funding for the goals of the five-year strategic plan, including customer and community engagement, workforce development and continuity, organizational preparedness and resiliency, process improvement, reliable infrastructure and technology and innovation.

# ***OPERATIONS AND MAINTENANCE EXPENSE BUDGET***



Department Responsibility: **Marilyn D. Gilbert**

Title: **General Manager & CEO**

Telephone Ext: **6277**

Dept. No: **1110**

**PERFORMANCE MEASURES  
FOR THE  
GENERAL MANAGER DEPARTMENT**

**Department Function:**

The General Manager is the Chief Executive Officer of the Brownsville PUB. It is the General Manager & CEO's responsibility to execute the plans and decisions of the Board, thereby directing and coordinating the activities of all Utility employees. The General Manager & CEO ensures that all policies and resolutions passed by the Board are enforced and duly administered. In addition, the General Manager & CEO informs the Board of legislative matters, capital improvements, budget items, policies, and services offered to customers. The Assistant General Manager & COO, Chief Financial Officer, Director of Human Resources, and Communications & Administrative Services Director directly report to the General Manager & CEO.

**Department Goals/Objectives:**

The department's objectives are to provide our customers, both internally and externally, with economical, reliable, and friendly service. To efficiently direct all aspects of the utility systems. To effectively direct Strategic Planning efforts in order to coordinate and prioritize goals and objectives. Identify, select, and retain a professional management team. Recognize constraints and limitations of State and Industry guidelines in addition to other applicable rules and regulations. Conduct periodic staff meetings and workshops.

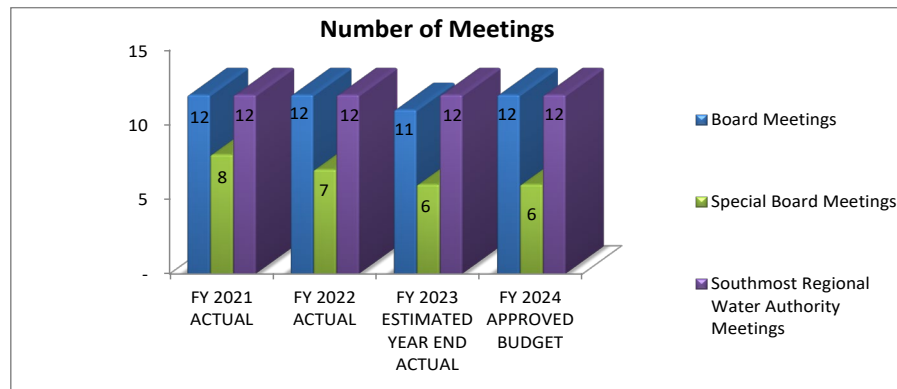
**INPUT MEASURES**

Employees (FTE)  
O&M Personnel Expenses  
O&M Non-Personnel Expenses  
Total O&M Expenses

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
3	3	3	3
\$ 515,160	\$ 531,403	\$ 712,804	\$ 643,544
\$ 1,677,295	\$ 1,715,665	\$ 832,815	\$ 954,350
\$ 2,192,455	\$ 2,247,068	\$ 1,545,519	\$ 1,597,894
12	12	11	12
48	46	42	50
350	325	280	300
2	-	-	2
12	12	12	12
8	7	6	6

**OUTPUT MEASURES**

Board Meetings  
Director Meetings  
Agenda Items Reviewed  
Joint Meetings with City Commission  
Southmost Regional Water Authority Meetings  
Special Board Meetings



## DEPARTMENT 1110 - GENERAL MANAGER

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<b>O&amp;M PERSONNEL</b>						
6101 Supervision	\$ 275,023	\$ 274,736	\$ 274,269	\$ 273,218	\$ 351,800	\$ 350,002
6110 Clerical staff	95,923	96,463	100,335	97,573	106,683	107,307
6130 Overtime	169	3,039	6,028	5,400	6,935	7,739
6201 T.M.R.S.	71,747	72,929	73,697	18,211	113,801	84,373
6205 F.I.C.A.	13,245	13,726	14,234	22,989	24,627	28,353
6210 Medicare	5,467	5,547	5,613	5,376	8,393	6,631
6214 Dental Insurance	1,608	1,557	1,804	2,111	2,109	2,074
6215 Hospitalization insurance	25,003	27,304	31,697	36,956	40,509	44,155
6220 Life Insurance	223	225	218	396	266	483
6221 Long Term Disability Insurance	381	386	377	742	458	915
6225 Workers Compensation	9,480	9,551	9,718	9,270	14,816	11,433
6230 Vacation leave	15,757	2,177	4,554	4,735	4,760	5,840
6235 Sick leave	4,342	(1,133)	(142)	5,210	20,358	6,425
6242 Auto Benefits	9,000	8,654	9,000	9,000	11,308	9,000
6243 Telephone Benefits	-	-	-	-	1,616	1,680
6260 Vacancy Savings	-	-	-	(33,371)	-	(22,865)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>527,369</b>	<b>515,160</b>	<b>531,403</b>	<b>457,816</b>	<b>708,438</b>	<b>643,544</b>
<b>O&amp;M NON-PERSONNEL</b>						
7101 Advertising	-	10,000	-	-	-	-
7102 Sponsorships	22,800	-	83,500	50,000	47,500	-
7105 Books & periodicals	-	1,283	124	-	-	-
7110 Dues & memberships	54,959	2,861	1,139	50,000	54,674	50,800
7120 Office supplies	1,884	245	3,917	4,000	3,287	3,600
7130 Postage/shipping charges	352	-	404	300	88	200
7140 Training expenses	299	-	750	500	2,195	1,500
7145 Travel expenses	3,700	(5)	2,797	2,000	10,962	2,500
7199 Miscellaneous office expenses	-	58	-	-	487	400
7225 Safety supplies	2	551	23	50	-	-
7299 Other materials & supplies	4,561	-	-	500	814	-
7310 Federal, state, & local fees	-	507	-	-	-	-
7315 Food, meals, ice, water	1,999	-	1,524	1,500	5,069	4,500
7320 Official functions	-	-	-	-	-	-
7325 Rental of equip/storage/land	-	1,627,817	1,921	2,000	3,293	900
7601 Legal Fees	1,397,584	1,800	1,141,709	1,249,631	355,095	586,500
7605 Engineering fees	4,020	30,613	-	2,000	-	1,800
7699 Other services	2,185	-	477,609	336,200	318,576	300,150
7801 Communication equipment	-	-	247	300	-	-
7805 Computer equipment	-	1,563	-	500	-	-
7820 Office furniture & equipment	-	-	-	-	2,644	1,500
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>1,494,344</b>	<b>1,677,295</b>	<b>1,715,665</b>	<b>1,699,481</b>	<b>804,684</b>	<b>954,350</b>
	<b>2,021,713</b>	<b>2,192,455</b>	<b>2,247,068</b>	<b>2,157,297</b>	<b>1,513,122</b>	<b>1,597,894</b>



**Department Responsibility:** Nancy P. Arriaga  
**Title:** Records, Information & Policies Manager  
**Telephone Ext:** 6262  
**Dept. No:** 1115

**PERFORMANCE MEASURES  
FOR THE  
LEGAL SERVICES DEPARTMENT**

**Department Function:**

The Legal Services Department provides overall direction on all legal matters concerning Brownsville PUB including but not limited to litigation, employment disputes, contract management, regulatory and administrative matters, and legislative affairs. The department is responsible for the Records Management Department and Contracts function.

**Department Goals/Objectives:**

The objective of the Legal Services Department is to establish guidelines for the effective execution of operational strategies, processes, and programs for the Records Management and Contracts functions to safeguard the operations of the Brownsville PUB and ensure its compliance with all applicable federal, state, and local laws, rules, and regulations.

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 PROPOSED BUDGET
<b>INPUT MEASURES</b>				
Employees (FTE's)	-	-	1	3
O&M Expenses	\$ -	\$ -	\$ -	\$ 426,755
<b>OUTPUT MEASURES</b>				
Total Active Contracts - Formal & Informal	-	391	420	400
<b>OUTCOME MEASURES</b>				
Average Monthly Cost of All Contracts	-	\$ 93,068,357	\$ 94,887,778	\$ 95,000,000
<b>EFFICIENCY MEASURES</b>				
Average # of Contracts per Month	-	391	406	400

## DEPARTMENT 1115 – LEGAL SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 156,624
6105 Administrative Staff	-	-	-	-	14,245	64,522
6110 Clerical staff	-	-	-	-	-	44,054
6201 T.M.R.S.	-	-	-	-	3,359	48,929
6205 F.I.C.A.	-	-	-	-	1,120	16,442
6210 Medicare	-	-	-	-	262	3,845
6214 Dental Insurance	-	-	-	-	118	1,487
6215 Hospitalization insurance	-	-	-	-	2,518	30,193
6220 Life Insurance	-	-	-	-	14	291
6221 Long Term Disability Insurance	-	-	-	-	31	530
6225 Workers Compensation	-	-	-	-	494	6,630
6230 Vacation leave	-	-	-	-	2,420	3,387
6235 Sick leave	-	-	-	-	2,358	3,726
6242 Auto Benefits	-	-	-	-	-	7,500
6243 Telephone Benefits	-	-	-	-	-	1,680
6260 Vacancy Savings	-	-	-	-	-	(13,260)
<i>O&amp;M PERSONNEL TOTAL</i>	-	-	-	-	26,938	376,582
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	400
7110 Dues & memberships	-	-	-	-	-	1,500
7120 Office supplies	-	-	-	-	-	1,500
7130 Postage/Shipping Charges	-	-	-	-	-	100
7140 Training expenses	-	-	-	-	-	2,500
7145 Travel expenses	-	-	-	-	-	4,000
7315 Food, meals, ice, water	-	-	-	-	-	200
7635 Software Maintenance Service Fees	-	-	-	-	-	19,000
7805 Computer Equipment	-	-	-	-	-	5,000
<i>O&amp;M NON-PERSONNEL TOTAL</i>	-	-	-	-	-	34,200
	-	-	-	-	26,938	410,782



Department Responsibility: Melida R. Pinales, CFE  
 Title: Director of Internal Audit  
 Telephone Ext: 6269  
 Dept. No: 1120

**PERFORMANCE MEASURES  
FOR THE  
INTERNAL AUDIT DEPARTMENT**

**Department Function:**

The Internal Audit (IA) Department is responsible for conducting independent reviews of BPUB's policies, procedures and operations. The Director of Internal Audit reports functionally to the Board of Directors and administratively to the General Manager & CEO. BPUB's IA Charter defines what the Board of Directors and Executive Management can expect from the IA and directs the efforts on the IA staff. An audit provides an independent, objective assurance and consulting activity as well as supports organizational objectives by bringing a systematic, disciplined approach to evaluate and improve the effectiveness of risk management, control, and governance processes.

**Department Goals/Objectives:**

The department's objective is to use a risk assessment program to perform audits for the fiscal year. IA staff conducts operational audits to improve and enhance the efficiency and effectiveness of BPUB's departmental functions through findings, recommendations and follow-ups. Audits are conducted to ensure standard operating policies and procedures are utilized in daily operations. IA staff also investigates allegations pertaining to fraud, waste and abuse of BPUB's resources.

**INPUT MEASURES**

Employees (FTE)  
 O&M Personnel Expenses  
 O&M Non-Personnel Expenses  
 Total O&M Expenses

**OUTPUT MEASURES**

Audit Service Hours  
 Administrative Hours  
 Internal Audit Reports  
 Special Reviews/Requests  
 Follow-up Audits  
 Unannounced Cash and Inventory Counts  
 Fraud Allegations (Hotline)  
 Reports Issued  
 Board Meetings  
 Audit Committee Presentations

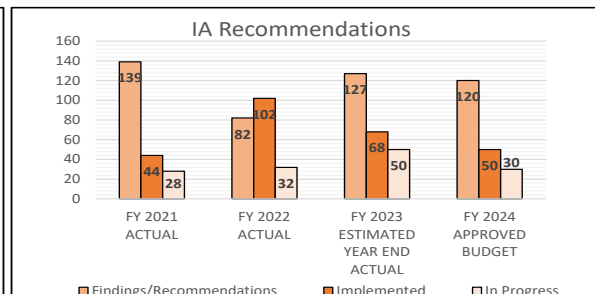
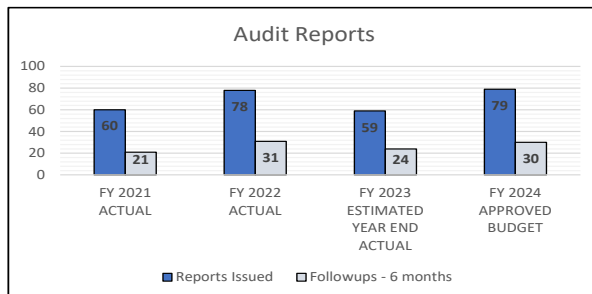
**OUTCOME MEASURES**

% of Annual Audit Plan Completed  
 Findings/Recommendations  
   - Audit Concurrence for Recommendations  
 Followups - 6 months  
 Recommendations  
 Implemented  
 In Progress

**EFFICIENCY MEASURES**

Internal Audit Reports Completed Per Auditor  
 Follow-ups Completed Per Auditor  
 Unannounced Cash and Inventory Counts  
 Fraud Allegations Completed Per Auditor

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
Employees (FTE)	3	3	3	3
O&M Personnel Expenses	\$ 356,578	\$ 356,797	\$ 353,888	\$ 412,912
O&M Non-Personnel Expenses	\$ 3,459	\$ 6,249	\$ 8,089	\$ 13,843
Total O&M Expenses	\$ 360,037	\$ 363,046	\$ 361,977	\$ 426,755
Audit Service Hours	4,680	4,680	4,680	4,680
Administrative Hours	1,560	1,560	1,560	1,560
Internal Audit Reports	33	34	21	34
Special Reviews/Requests	1	2	4	5
Follow-up Audits	21	31	24	30
Unannounced Cash and Inventory Counts	5	11	10	10
Fraud Allegations (Hotline)	7	8	7	5
Reports Issued	60	78	59	79
Board Meetings	12	12	12	12
Audit Committee Presentations	0	3	4	4
% of Annual Audit Plan Completed	98%	98%	98%	98%
Findings/Recommendations	139	82	127	120
- Audit Concurrence for Recommendations	100%	100%	100%	100%
Followups - 6 months	21	31	24	30
Recommendations	72	134	118	80
Implemented	44	102	68	50
In Progress	28	32	50	30
Internal Audit Reports Completed Per Auditor	20	26	20	26
Follow-ups Completed Per Auditor	7	10	8	10
Unannounced Cash and Inventory Counts	2	4	3	3
Fraud Allegations Completed Per Auditor	2	3	2	2



## DEPARTMENT 1120 - INTERNAL AUDIT

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 118,484	\$ 118,160	\$ 123,933	\$ 123,594	\$ 128,526	\$ 133,203
6105 Administrative Staff	116,222	122,339	111,077	142,334	105,354	153,608
6201 T.M.R.S.	42,324	43,991	42,582	46,803	42,510	52,917
6205 F.I.C.A.	14,073	14,420	14,075	16,488	14,034	17,782
6210 Medicare	3,291	3,372	3,292	3,856	3,282	4,159
6214 Dental Insurance	1,901	1,896	1,897	2,103	1,898	1,893
6215 Hospitalization insurance	31,670	34,985	36,841	41,182	37,312	40,442
6220 Life Insurance	208	207	210	292	232	313
6221 Long Term Disability Insurance	476	474	478	532	524	574
6225 Workers Compensation	6,417	6,395	6,987	6,648	7,172	7,170
6230 Vacation leave	2,040	(935)	1,078	3,396	(994)	3,663
6235 Sick leave	4,101	4,064	6,848	3,736	5,258	4,030
6242 Auto Benefits	7,500	7,212	7,500	7,500	7,500	7,500
6260 Vacancy Savings	-	-	-	(23,934)	-	(14,341)
<i>O&amp;M PERSONNEL TOTAL</i>	<u>348,709</u>	<u>356,578</u>	<u>356,797</u>	<u>374,531</u>	<u>352,607</u>	<u>412,912</u>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	-
7110 Dues & memberships	2,111	2,131	2,119	3,074	2,089	2,900
7120 Office supplies	247	641	1,541	1,000	932	1,300
7140 Training expenses	1,236	654	1,075	4,000	4,202	3,825
7145 Travel expenses	1,187	-	1,080	3,000	1,735	4,968
7225 Safety supplies	127	33	275	100	61	50
7299 Other materials & Supplies	-	-	-	-	-	-
7315 Food, meals, ice, water	70	-	107	-	233	200
7335 Wearing apparel & dry goods	-	-	-	-	103	-
7415 Fuels & lubricants	46	-	51	-	97	100
7801 Communication equipment	-	-	-	-	282	-
7805 Computer equipment	-	-	-	-	-	500
7820 Office furniture & equipment	-	-	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<u>5,024</u>	<u>3,459</u>	<u>6,249</u>	<u>11,174</u>	<u>9,733</u>	<u>13,843</u>
	<b>353,733</b>	<b>360,037</b>	<b>363,046</b>	<b>385,705</b>	<b>362,340</b>	<b>426,755</b>





Department Responsibility: **Danny Marez**  
 Title: **Bus Dev & Key Accounts Manager**

Telephone Ext: **6286**  
 Dept. No: **1125**

**PERFORMANCE MEASURES  
 FOR THE  
 KEY ACCOUNT MARKETING DEPARTMENT**

**Department Function:**

The Key Account Marketing Department focuses on meeting the unique customer service needs of Key Accounts, BPUB's largest industrial and commercial clients. Key Accounts Representatives serve as a single-point of contact for Key Accounts and are on-call 24 hours a day, seven days a week. In addition, the Key Account Department is responsible for the recruitment of new commercial business for the utility and facilitates electric conversions from other utility companies to BPUB.

**Department Goals/Objectives:**

The Brownsville Public Utilities Board's Key Account and Business Development Department is dedicated to providing exceptional customer service and becoming a strategic partner to all Key Accounts 24/7.

**INPUT MEASURES**

Employees (FTE's)  
 O&M Expenses

**OUTPUT MEASURES**

Number of Key Accounts  
 Number of field visits  
 Number of analyses performed for Key Accounts

**OUTCOME MEASURES**

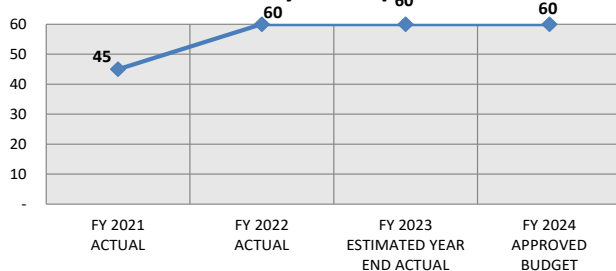
Number of new Key Accounts  
 Number of electric conversions (to BPUB) facilitated by KA Department  
 Number of new subdivision projects facilitated by KA Department  
 Number of new commercial projects facilitated by KA Department  
 Key Accounts satisfied with the level of service delivered by KA Department (per survey results)  
 Percentage of Key Accounts Electric Revenue(\$) versus system revenue (\$)

**EFFICIENCY MEASURES**

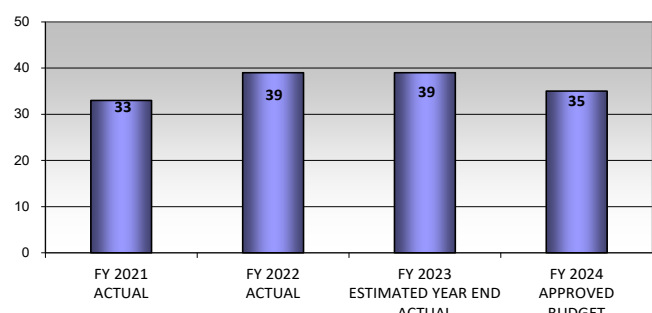
Number of Key Accounts per representative  
 Average number of field visits per representative

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
4	3	4	4
\$ 251,842	\$ 236,889	\$ 250,960	\$ 380,627
68	81	81	70
90	100	100	100
200	200	200	200
5	13	3	3
3	5	3	3
8	16	20	18
45	60	60	60
Yes	Yes	Yes	Yes
23%	24.4%	24.4%	23%
33	39	39	35
45	50	50	50

**Number of new commercial projects  
 facilitated by KA Department**



**No. of Key Accounts per Key Account Rep.**



## DEPARTMENT 1125 - KEY ACCOUNT MARKETING

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 50,736	\$ 36,251	\$ 47,311	\$ 60,004	\$ 66,313	\$ 74,647
6105 Administrative Staff	127,506	127,584	87,312	129,792	95,400	147,160
6201 T.M.R.S.	38,927	36,257	31,644	33,404	35,616	40,923
6205 F.I.C.A.	10,156	9,326	8,164	11,767	9,316	13,752
6210 Medicare	2,375	2,181	1,909	2,752	2,179	3,216
6214 Dental Insurance	2,019	1,805	1,532	2,330	1,615	1,949
6215 Hospitalization insurance	35,282	35,892	30,145	45,823	31,885	41,180
6220 Life Insurance	159	147	110	217	138	251
6221 Long Term Disability Insurance	340	313	240	380	306	444
6225 Workers Compensation	4,456	4,100	3,633	4,745	4,047	5,545
6230 Vacation leave	6,195	(2,760)	998	2,424	(1,976)	2,832
6235 Sick leave	(12,323)	(4,846)	4,197	2,667	(42)	3,116
6260 Vacancy Savings	-	-	-	(17,082)	-	(11,090)
<i>O&amp;M PERSONNEL TOTAL</i>	265,827	246,250	217,195	279,223	244,797	323,927
<i>O&amp;M NON-PERSONNEL</i>						
7101 Advertising	1,978	1,992	5,566	7,500	373	13,000
7120 Office supplies	1,032	343	896	1,000	1,811	1,000
7130 Postage/shipping charges	-	-	75	-	-	-
7135 Telephone expenses	-	-	498	-	-	-
7140 Training expenses	650	-	50	1,500	1,950	6,175
7145 Travel expenses	5,101	-	4,073	2,500	2,262	5,400
7199 Miscellaneous office expenses	-	-	-	-	-	-
7299 Other materials & supplies	20	-	3,927	-	-	-
7315 Food, meals, ice, water	54	-	153	-	182	900
7320 Official functions	100	-	-	5,500	-	22,500
7415 Fuels & lubricants	1,188	616	1,577	800	752	725
7699 Other services	3,163	2,640	2,880	3,000	2,880	7,000
7820 Office furniture & equipment	-	-	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	13,286	5,592	19,694	21,800	10,210	56,700
	279,113	251,842	236,889	301,023	255,007	380,627



**Department Responsibility:** Estrella Solorzano

**Title:** Director of Customer Services

**Telephone Ext:** 6255

**Dept. No:** 1130

**PERFORMANCE MEASURES  
FOR THE  
CUSTOMER SERVICES DEPARTMENT**

**Department Function:**

The Customer Services Department is one of the primary contacts with utility customers and its function is to provide administrative and managerial oversight to Customer Service, Call Center, Cashiers, Revenue Recovery, Billing & Collections in order to offer greater efficiency for internal and external customers.

**Department Goals/Objectives:**

The purpose of the department is to provide operational support to the division departments so that they have the necessary tools to perform their jobs and to provide administrative and managerial support in order to produce more effective services. See departments 6110 - Customer Service, 6115 - Collections, 6120 - Billing, 6125 - Call Center, 6160 Cashiers, and 5140 Revenue Recovery for specific metric data.

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 180,734	\$ 137,898	\$ 113,909	\$ 212,326	\$ 117,780	\$ 130,936
6105 Administrative Staff	4,303	2,885	-	-	-	-
6110 Clerical staff	14,611	-	-	-	34,491	90,106
6130 Overtime	59	-	-	-	1,095	2,357
6201 T.M.R.S.	36,937	26,530	32,615	37,369	28,352	40,782
6205 F.I.C.A.	12,517	8,969	11,290	13,164	9,363	13,705
6210 Medicare	3,019	2,156	2,641	3,079	2,190	3,205
6214 Dental Insurance	1,386	693	645	1,293	1,225	1,780
6215 Hospitalization insurance	22,687	12,126	12,399	25,085	22,974	37,174
6220 Life Insurance	165	111	92	230	125	247
6221 Long Term Disability Insurance	355	241	202	425	276	442
6225 Workers Compensation	5,293	3,740	4,773	5,308	4,027	5,526
6230 Vacation leave	11,778	(2,323)	8,141	2,711	6,883	2,229
6235 Sick leave	7,268	(5,329)	10,470	2,983	2,806	2,452
6242 Auto Benefits	7,500	7,212	7,212	7,500	7,500	7,500
6243 Telephone Benefits	1,680	1,616	775	1,680	-	-
6260 Vacancy Savings	-	-	-	(19,109)	-	(8,726)
<i>O&amp;M PERSONNEL TOTAL</i>	310,290	196,524	205,164	294,045	239,087	329,715

**DEPARTMENT 1130 - COMMUNICATIONS AND ADMINISTRATIVE SERVICES**

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M NON-PERSONNEL</i>						
7101 Advertising	-	-	-	-	245	-
7110 Dues & memberships	1,014	408	301	1,000	1,231	1,000
7120 Office supplies	241	-	1,847	1,250	-	1,000
7130 Postage/shipping charges	152	-	221	200	29	150
7140 Training expenses	295	-	1,899	2,000	1,398	1,250
7145 Travel expenses	1,778	-	1,843	3,000	1,973	1,500
7147 Mileage Reimbursement (InTownExp)	-	-	-	-	18	-
7225 Safety supplies	-	-	58	250	-	200
7299 Other materials & supplies	-	133	406	2,000	11,408	4,000
7315 Food, meals, ice, water	165	-	775	-	4,550	2,000
7320 Official functions	-	-	-	-	-	1,800
7325 Rental of equip/storage/land	2,400	2,297	169	4,000	-	-
7601 Legal Fees	-	-	-	-	335	-
7645 Maintenance services	5,588	5,432	394	2,000	-	-
7699 Other services	-	(119)	-	-	482	1,200
<i>O&amp;M NON-PERSONNEL TOTAL</i>	11,634	8,151	7,913	15,700	21,670	14,100
	321,924	204,675	213,077	309,745	260,757	343,815



Department Responsibility: **Ryan Greenfeld**  
 Title: **Communications & PR Manager**

Telephone Ext: **6271**  
 Dept. No: **1135**

**PERFORMANCE MEASURES  
 FOR THE  
 COMMUNICATIONS AND PUBLIC RELATIONS DEPARTMENT**

**Department Function:**

The Communications and Public Relations Department is responsible for the coordination and management of internal and external communications, focusing on utility-wide issues, employee understanding, community relations, and governmental affairs, and working to promote a positive employee and public image of the Brownsville PUB. In addition, this department is responsible for providing education and outreach activities in the community.

**Department Goals/Objectives:**

The purpose of the Communications and Public Relations program is to provide information to the Brownsville PUB personnel, the general public and the media so that they understand and be aware of Brownsville PUB issues.

**INPUT MEASURES**

Employees  
 Total O&M Expenses

**OUTPUT MEASURES**

Operational Reports (Outreach Report/Communications & PR Report)  
 No. of Community Presentations  
 No. of Tours  
 No. of Safety Presentations (including lobby video)  
 No. of Weekly Connections Produced  
 No. of PUBCAP Meetings  
 No. of Bill Inserts Produced  
 Water Consumer Confidence Report (CCR) Produced and Distributed  
 Within Regulations

**OUTCOME MEASURES**

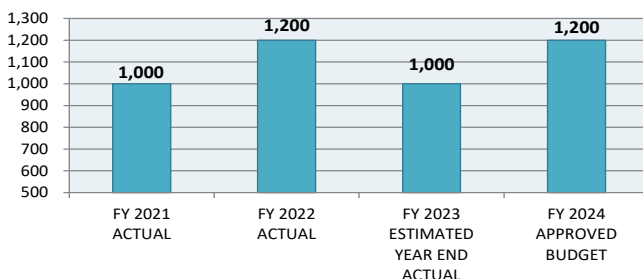
Public Information Campaigns Conducted  
 No. of Participants in Community Presentations  
 No. of Participants in Tours  
 No. of Participants in Safety Presentations  
 No. of Bill Inserts Distributed (Including CCR)

**EFFICIENCY MEASURES**

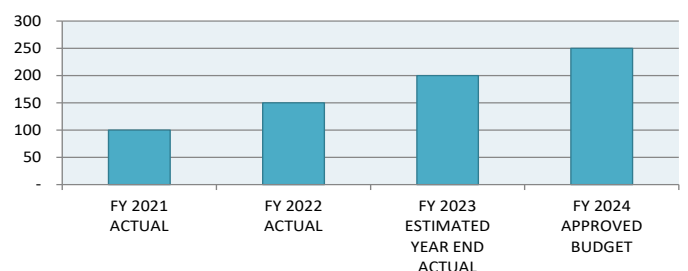
Avg. No. of Outreach Contacts (Media/Communications)

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
3	3	3	3
\$ 550,126	\$ 736,304	\$ 647,593	\$ 823,183
12	12	12	12
20	30	35	40
5	12	15	15
5	10	15	15
41	41	40	40
9	10	10	10
10	10	10	10
68,500	70,000	71,000	71,000
6	6	6	6
1,000	1,200	1,000	1,200
100	150	200	250
100	150	250	250
600,000	10	10	10
200	150	150	150

**No. of Participants in Community Presentations**



**No. of Participants in Tours**



## DEPARTMENT 1135 - COMMUNICATIONS AND PUBLIC RELATIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 72,258	\$ 70,554	\$ 74,001	\$ 73,798	\$ 81,412	\$ 91,686
6105 Administrative Staff	129,874	109,337	98,513	174,595	127,236	129,709
6201 T.M.R.S.	35,341	31,936	30,227	43,717	36,764	40,847
6205 F.I.C.A.	12,405	11,101	10,333	15,400	12,455	13,727
6210 Medicare	2,901	2,596	2,417	3,602	2,913	3,210
6214 Dental Insurance	1,532	1,303	1,363	2,261	1,596	1,599
6215 Hospitalization insurance	24,269	22,800	25,820	43,062	30,604	33,461
6220 Life Insurance	176	157	143	283	176	247
6221 Long Term Disability Insurance	383	341	316	497	394	443
6225 Workers Compensation	5,053	4,499	4,313	6,210	5,216	5,535
6230 Vacation leave	(681)	3,780	(6,671)	3,172	(1,106)	2,827
6235 Sick leave	(18,123)	1,083	(1,906)	3,490	933	3,111
6260 Vacancy Savings	-	-	-	(22,355)	-	(11,070)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>265,387</b>	<b>259,485</b>	<b>238,867</b>	<b>347,732</b>	<b>298,594</b>	<b>315,333</b>
<i>O&amp;M NON-PERSONNEL</i>						
7101 Advertising	130,043	122,813	105,900	130,000	134,135	160,000
7102 Sponsorships	116,550	34,400	104,500	50,000	87,610	100,000
7110 Dues & memberships	1,769	6,004	9,626	8,000	7,499	7,200
7115 Educational material	-	-	-	-	-	-
7120 Office supplies	1,028	-	102	500	1,290	900
7125 Photo equipment/supplies	-	-	-	-	-	-
7130 Postage/shipping charges	-	-	-	100	100	50
7140 Training expenses	1,550	-	450	2,000	3,395	2,000
7145 Travel expenses	3,165	-	48	5,000	8,155	4,000
7199 Miscellaneous office expenses	-	-	315	-	-	-
7215 Laundry & janitorial supplies	188	-	330	400	-	100
7225 Safety supplies	133	-	195	100	-	100
7299 Other materials & supplies	180	-	5,614	500	12,090	4,000
7315 Food, meals, ice, water	870	-	164	-	4,066	16,000
7320 Official functions	4,810	-	2,120	2,000	423	4,000
7325 Rental of equip/storage/land	5,249	3,223	3,516	5,000	4,577	7,000
7335 Wearing apparel & dry goods	269	-	-	500	271	500
7415 Fuels & lubricants	80	1,217	258	500	408	500
7601 Legal Fees	-	-	-	4,000	-	-
7635 Software Maintenance Service Fees	-	-	6,662	-	-	1,000
7645 Maintenance services	-	-	-	-	-	-
7699 Other services	149,397	122,644	257,029	158,500	134,235	200,000
7805 Computer equipment	233	-	150	-	-	-
7806 Software licenses-new	4,060	340	458	1,400	-	500
7820 Office furniture & equipment	-	-	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>419,574</b>	<b>290,641</b>	<b>497,437</b>	<b>368,500</b>	<b>398,253</b>	<b>507,850</b>
	<b>684,961</b>	<b>550,126</b>	<b>736,304</b>	<b>716,232</b>	<b>696,847</b>	<b>823,183</b>



Department Responsibility: Marisa P. Gaytan  
Training and Organizational  
 Title: Development Manager  
 Telephone Ext: 6241  
 Dept. No. 1140

**PERFORMANCE MEASURES  
FOR THE  
TRAINING AND ORGANIZATIONAL DEVELOPMENT DEPARTMENT**

**Department Function:**

This Training and Organizational Development department partners with management to achieve the organizations strategic goal to increase intellectual capital and organizational effectiveness.

**Department Goals/Objectives:**

To develop the people within the organization through leadership and support. By partnering with BPUB management to identify and address learning gaps to help the organization to move from current state to desired state. Services provided include the new employee orientation, performance management, team building, coaching, conflict management mediation, meeting facilitation, change management, succession planning, and leading strategic planning teams/efforts related to workforce development and continuity.

**INPUT MEASURES**

Employees (FTEs)  
O&M Non-Personnel Expenses

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END	FY 2024 APPROVED BUDGET
3	3	3	3
\$ 72,567	\$ 84,551	\$ 130,365	\$ 44,400

**OUTPUT MEASURES**

# of leaders taking part in leadership skills development

16	19	25	25
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**OUTCOME MEASURES**

% of Employees Who Report New Learning That Will Help Them on the Job

100%	98%	98%	98%
90%	99%	98%	99%

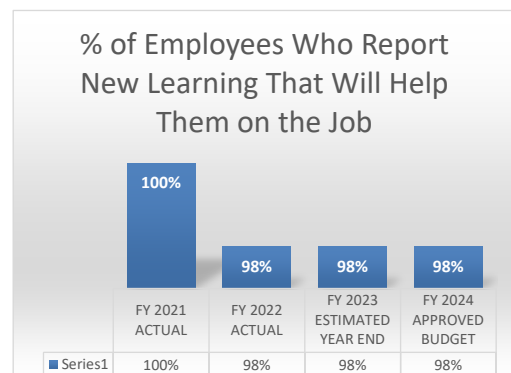
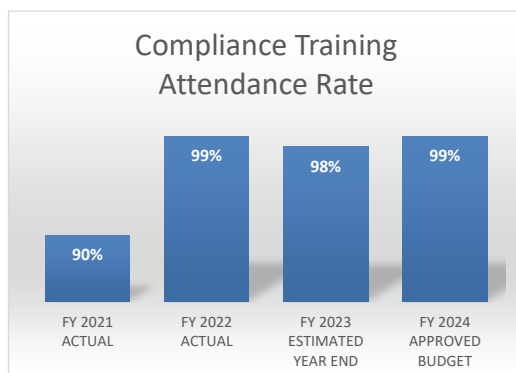
Attendance Rate for Compliance Training

**EFFICIENCY MEASURES**

Average Class Satisfaction Rating

100%	98%	98%	100%
541	550	665	700

Total Training Sessions Delivered in All Categories



# DEPARTMENT 1140 – TRAINING AND ORGANIZATIONAL DEVELOPMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 142,913	\$ 144,284	\$ 149,379	\$ 148,970	\$ 162,338	\$ 177,174
6105 Administrative Staff	56,051	-	-	-	-	-
6110 Clerical staff	-	13,218	36,386	36,296	24,779	41,954
6130 Overtime	-	103	221	524	86	478
6201 T.M.R.S.	34,764	28,013	32,624	32,607	34,552	40,429
6205 F.I.C.A.	11,782	9,439	11,180	11,486	12,049	13,586
6210 Medicare	2,756	2,207	2,615	2,686	2,818	3,177
6214 Dental Insurance	1,761	1,358	1,590	1,777	1,337	1,487
6215 Hospitalization insurance	28,674	24,732	30,133	34,074	23,242	26,480
6220 Life Insurance	172	136	155	211	157	245
6221 Long Term Disability Insurance	383	301	339	371	349	438
6225 Workers Compensation	4,974	3,944	4,650	4,632	4,941	5,478
6230 Vacation leave	516	3,460	(1,452)	2,366	(3,088)	2,798
6235 Sick leave	(1,241)	5,415	(1,206)	2,603	(2,846)	3,079
6242 Auto Benefits	-	-	-	-	-	-
6243 Telephone Benefits	-	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(16,674)	-	(10,956)
<i>O&amp;M PERSONNEL TOTAL</i>	283,504	236,609	266,614	261,928	260,715	305,848
<i>O&amp;M NON-PERSONNEL</i>						
7101 Advertising	48	-	-	-	-	-
7105 Books & periodicals	371	-	118	-	659	150
7110 Dues & memberships	1,895	4,293	2,919	3,000	4,421	2,600
7115 Educational material	1,362	874	1,969	1,000	2,007	1,300
7120 Office supplies	1,328	1,852	1,850	1,500	2,214	1,300
7130 Postage/shipping charges	12	-	-	-	-	-
7140 Training expenses	524	-	-	-	1,485	-
7145 Travel expenses	-	-	-	-	859	-
7147 Mileage Reimbursement (InTownExp)	-	-	-	-	-	50
7299 Other materials & supplies	155	27	-	200	8	-
7315 Food, meals, ice, water	794	-	95	-	1,162	500
7322 Recognition Program	555	600	1,428	1,200	661	1,000
7325 Rental of equip/storage/land	1,056	1,056	1,056	1,200	1,440	1,000
7635 Software maintenance service fees	13,975	6,615	6,615	7,420	6,930	6,500
7699 Other services	58,164	57,259	68,351	60,000	20,635	30,000
7805 Computer equipment	-	-	-	1,845	-	-
7806 Software licenses-new	-	-	-	-	600	-
7820 Office furniture & equipment	-	-	150	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	80,240	72,576	84,551	77,365	43,081	44,400
	363,744	309,185	351,165	339,293	303,796	350,248





Department Responsibility: **Cesar A. Cortinas, P.E.**

Title: **Director of Electric T&D**

Telephone Ext: **6216**

Dept. No: **1145**

**PERFORMANCE MEASURES  
FOR THE  
ELECTRIC TRANSMISSION & DISTRIBUTION DEPARTMENT**

**Department Function:**

The Electric Transmission & Distribution division defines, develops, implements, and manages the effective execution of operational strategies, processes, and programs for Substations and Relaying, Electric Transmission & Distribution Construction and Maintenance, Electric Meter Shop, and Electric Engineering.

**Department Goals/Objectives:**

Division goal is to plan and direct initiatives and strategies to be able to provide current and future customers with low-cost and operationally efficient electric power that meets or exceeds reliability standards. Maintain high levels of safety measures on daily operations, and provide resources and training to the staff to accomplish this. Execute all department functions, processes, and programs to provide reliable and quality services to our customers, and at the same time, be responsive to customer's electric needs.

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 163,912	\$ 258,969	\$ 272,855	\$ 270,587	\$ 288,922	\$ 311,667
6105 Administrative Staff	-	-	35,954	81,286	18,645	68,349
6110 Clerical staff	35,906	35,625	37,824	36,650	42,354	48,485
6130 Overtime	302	696	758	846	998	1,259
6201 T.M.R.S.	35,345	53,717	62,228	68,380	70,692	79,058
6205 F.I.C.A.	12,214	18,197	21,207	24,088	24,273	26,567
6210 Medicare	2,856	4,256	4,960	5,634	5,677	6,213
6214 Dental Insurance	1,376	1,896	2,219	2,912	2,016	2,328
6215 Hospitalization insurance	22,895	34,992	41,916	53,952	39,303	49,269
6220 Life Insurance	162	239	265	423	278	463
6221 Long Term Disability Insurance	362	526	573	777	572	857
6225 Workers Compensation	5,061	7,566	8,872	9,713	10,044	10,713
6230 Vacation leave	12,703	6,560	15,695	4,961	(2,931)	5,472
6235 Sick leave	(20,174)	522	28,742	5,459	4,070	6,020
6242 Auto Benefits	2,308	7,212	7,500	7,500	7,500	7,500
6243 Telephone Benefits	-	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(34,967)	-	(21,425)
<i>O&amp;M PERSONNEL TOTAL</i>	<i>275,227</i>	<i>430,974</i>	<i>541,566</i>	<i>538,201</i>	<i>512,415</i>	<i>602,795</i>

**DEPARTMENT 1145 – Electric Transmission and Distribution**

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	206	40	214	-	876	500
7110 Dues & memberships	2,300	292	39,869	2,670	170	27,670
7120 Office supplies	621	455	1,156	600	1,080	800
7130 Postage/shipping charges	371	216	860	750	410	500
7140 Training expenses	-	1,395	1,025	1,340	795	270
7145 Travel expenses	1,889	920	930	1,500	-	500
7225 Safety supplies	20	210	192	200	137	150
7299 Other materials & supplies	53	-	142	-	64	75
7315 Food, meals, ice, water	229	-	165	-	1,744	1,000
7325 Rental of equip/storage/land	-	-	1,001	-	368	500
7415 Fuels & lubricants	-	1,076	465	-	2,638	2,500
7605 Engineering fees	-	-	143,136	135,000	(477)	-
7635 Software maintenance service fees	-	-	-	-	-	-
7699 Other services	175	542	290	400	336	250
7801 Communication equipment	-	-	265	-	-	-
7805 Computer equipment	-	20	419	400	-	200
7806 Software licenses-new	-	6,533	-	100	-	-
7820 Office furniture & equipment	-	-	-	-	-	-
7835 Tools, shop and garage equipment	-	-	-	-	-	-
7899 Other minor tools & equipment	-	339	152	250	187	100
<i>O&amp;M NON-PERSONNEL TOTAL</i>	5,865	12,038	190,282	143,210	8,329	35,015
	281,092	443,012	731,848	681,411	520,744	637,810



Department Responsibility: Marilyn D. Gilbert  
 Title: General Manager & CEO  
 Telephone Ext: 6277  
 Dept. No: 1150

**PERFORMANCE MEASURES  
FOR THE  
BOARD OF DIRECTORS**

**Department Function:**

The responsibilities of the Brownsville PUB Board include enacting resolutions and policies.

**Department Goals/Objectives:**

The Board of Directors assists and facilitates in the development of company policies that fit into the mission statement and values of BPUB. The Board of Directors convenes on a monthly basis to approve contracts for goods and services and provide direction to upper management concerning operational matters.

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
7110 Dues & memberships	47,395	52,218	64,930	50,000	105,196	45,000
7120 Office supplies	-	-	-	-	-	-
7140 Training expenses	-	1,650	1,500	1,000	3,273	1,000
7145 Travel expenses	1,571	1,434	2,200	2,000	6,936	2,000
7299 Other materials & supplies	200	-	-	-	-	-
7315 Food, meals, ice, water	2,946	3,987	11,083	7,000	13,150	12,000
7320 Official functions	-	-	-	-	-	-
7601 Legal Fees	55,133	127,074	211,191	207,261	265,938	181,580
7699 Other services	800	-	-	-	-	-
7805 Computer equipment	-	1,563	-	1,000	-	500
<i>O&amp;M NON-PERSONNEL TOTAL</i>	108,045	187,926	290,904	268,261	394,492	242,080
	108,045	187,926	290,904	268,261	394,492	242,080

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Department Responsibility: Nancy P. Arriaga

Title: Records, Information & Policies Manager

Telephone Ext: 6262

Dept. No: 1165

### PERFORMANCE MEASURES FOR THE RECORDS MANAGEMENT DEPARTMENT

#### Department Function:

The Records Management Department function is to ensure that records are administered in an efficient manner and systematic control since their creation, receipt, maintenance, use and disposition, including the processes for capturing and maintaining evidence of and information about BPUB activities and transactions in the form of records. The department responds to public information requests and administers the policies and procedures function.

#### Department Goals/Objectives:

The objectives of the department are to assist other departments manage their records so that records are accessible, are maintained efficiently and cost effectively; and to retain records that are required to be kept, identify and preserve records with permanent value and dispose of records with no further value in a secure and timely manner.

#### INPUT MEASURES

Employees (FTE's)  
O&M Non-Personnel Expenses

#### OUTPUT MEASURES

Requests Submitted Related to the Public Information Act  
Number of Policy or Procedure Documents Reviewed by Records Management

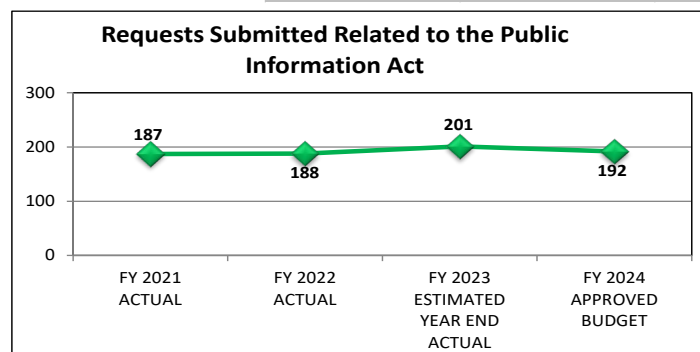
#### OUTCOME MEASURES

Number of Public Information Requests requiring a Texas Attorney General Opinion  
Number of Policy or Procedure Documents Reviewed by Records Management and Approved by the BPUB Board or Executive Management

#### EFFICIENCY MEASURES

Average time to respond to a public information request (within the law - 10 days)  
Maintaining records management program  
Maintaining policies and procedures program

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
Employees (FTE's)	3	3	4	4
O&M Non-Personnel Expenses	\$140,435	\$170,699	\$166,990	\$261,620
Requests Submitted Related to the Public Information Act	187	188	201	192
Number of Policy or Procedure Documents Reviewed by Records Management	55	44	26	42
Number of Public Information Requests requiring a Texas Attorney General Opinion	6	10	4	4
Number of Policy or Procedure Documents Reviewed by Records Management and Approved by the BPUB Board or Executive Management	34	28	17	26
Average time to respond to a public information request (within the law - 10 days)	4 days	5 days	4-6 days	4-5 days
Maintaining records management program	Yes	Yes	Yes	Yes
Maintaining policies and procedures program	Yes	Yes	Yes	Yes



## DEPARTMENT 1165 – RECORDS MANAGEMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
6101 Supervision	\$ 72,954	\$ 76,400	\$ 80,133	\$ 79,914	\$ 87,778	\$ 97,614
6105 Administrative Staff	47,045	48,003	52,232	50,211	60,559	63,627
6110 Clerical staff	44,829	48,500	49,706	49,858	91,629	94,266
6130 Overtime	-	1,596	51	899	522	1,700
6201 T.M.R.S.	29,697	30,981	31,945	31,677	42,376	47,141
6205 F.I.C.A.	9,682	10,241	10,791	11,159	14,308	15,841
6210 Medicare	2,263	2,395	2,524	2,610	3,346	3,705
6214 Dental Insurance	1,633	1,672	1,672	1,854	2,379	2,397
6215 Hospitalization insurance	28,352	32,175	31,277	34,527	38,942	42,733
6220 Life Insurance	145	152	151	206	207	290
6221 Long Term Disability Insurance	312	327	331	360	452	511
6225 Workers Compensation	4,114	4,364	4,553	4,500	6,012	6,388
6230 Vacation leave	(2,296)	497	(4,578)	2,298	3,131	3,263
6235 Sick leave	(2,399)	1,758	3,131	2,529	12,703	3,590
6260 Vacancy Savings	-	-	-	(16,198)	-	(12,775)
<i>O&amp;M PERSONNEL TOTAL</i>	<u>236,332</u>	<u>259,061</u>	<u>263,918</u>	<u>256,402</u>	<u>364,344</u>	<u>370,290</u>
<i>O&amp;M NON-PERSONNEL</i>						
7101 Advertising	-	-	-	2,000	1,075	1,000
7102 Sponsorships	3,500	-	-	-	-	-
7105 Books & periodicals	40	-	-	-	-	100
7110 Dues & memberships	873	893	825	1,100	960	1,240
7120 Office supplies	1,416	44	701	1,300	1,353	1,300
7130 Postage/shipping charges	78	5	143	200	56	100
7135 Telephone expenses	-	-	-	250	845	-
7140 Training expenses	-	3,296	4,646	5,000	6,337	3,750
7145 Travel expenses	4,646	-	732	4,900	4,318	3,500
7225 Safety supplies	18	49	224	200	98	180
7299 Other materials & supplies	21	319	367	500	919	450
7315 Food, meals, ice, water	279	-	158	-	227	1,000
7325 Rental of equip/storage/land	12,350	11,450	19,554	20,100	16,467	25,000
7415 Fuels & lubricants	277	1,086	168	500	201	400
7601 Legal Fees	16,379	16,244	22,651	20,000	13,355	18,000
7635 Software maintenance service fees	61,612	92,408	90,900	100,000	93,353	108,000
7645 Maintenance services	-	-	2,161	5,000	2,195	2,500
7699 Other services	15,404	12,902	23,589	50,000	11,404	90,000
7805 Computer equipment	37,502	-	-	2,000	60	-
7806 Software licenses-new	-	1,740	1,099	700	-	3,600
7820 Office furniture & equipment	-	-	2,780	-	-	1,500
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<u>154,397</u>	<u>140,435</u>	<u>170,699</u>	<u>213,750</u>	<u>153,222</u>	<u>261,620</u>
	<b>390,729</b>	<b>399,496</b>	<b>434,617</b>	<b>470,152</b>	<b>517,566</b>	<b>631,910</b>



Department Responsibility: **Miguel Collis**

Title: **Digital Information Platforms  
Tech Manager**

Telephone Ext: **6288**

Dept. No: **1170**

### PERFORMANCE MEASURES FOR THE DIGITAL INFORMATION PLATFORMS

#### Department Function:

The Digital Information Platforms department manages the utility's diverse digital platforms, which include, but are not limited to, social media, websites, newsletters, the internal TV network, and electronic forms.

#### Department Goals/Objectives:

The Digital Information Platforms' goals and objectives are to distribute content to maximize internal and external exposure to the organization's information, analyze trends, and facilitate the flow of information through electronic forms.

#### INPUT MEASURES

Employees

Total O&M Expenses

#### OUTPUT MEASURES

Operational Reports (Social Media, Web and Intranet Analytics, ECRM Form Analytics)

No. of Electronic Forms Converted

No. of Digital Newsletters

No. of Social Media Posts

No. of Digital Billboards

No. of Lobby Presentations (per BPUB TV)

#### OUTCOME MEASURES

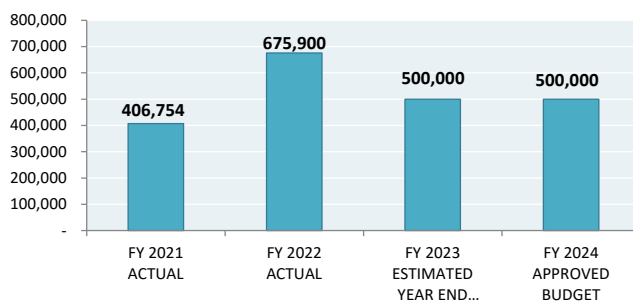
Information Campaigns Conducted

No. of Newsletter Subscribers

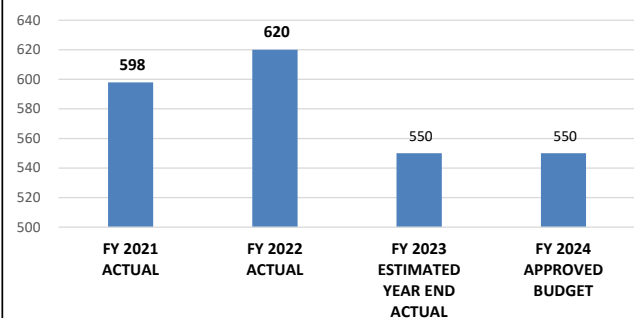
Customer Online Engagement\* (Based on Social+Website Analytics)

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
1	2	2	2
\$ 195,734	\$ 213,868	\$ 228,248	\$ 310,113
5	5	5	5
1	5	3	3
3	6	4	4
598	620	550	550
18	18	18	18
17	53	25	25
5	10	5	5
1,037	1,105	1,105	1,105
406,754	675,900	500,000	500,000

**Customer Online Engagement\* (Based on  
Social+Website Analytics)**



**No. of Social Media Posts**



## DEPARTMENT 1170 – DIGITAL INFORMATION PLATFORMS

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
6101 Supervision	\$ -	\$ 62,425	\$ 70,957	\$ 71,011	\$ 78,664	\$ 88,754
6105 Administrative Staff	-	41,402	46,449	46,322	50,422	55,578
6201 T.M.R.S.	-	18,451	20,599	20,651	22,747	26,629
6205 F.I.C.A.	-	6,189	7,006	7,275	7,730	8,949
6210 Medicare	-	1,447	1,638	1,701	1,808	2,093
6214 Dental Insurance	-	1,091	1,167	1,293	1,162	1,164
6215 Hospitalization insurance	-	20,035	22,438	25,085	22,529	24,634
6220 Life Insurance	-	93	99	135	110	162
6221 Long Term Disability Insurance	-	200	214	235	242	289
6225 Workers Compensation	-	2,596	2,936	2,933	3,227	3,608
6230 Vacation leave	-	3,852	(717)	1,498	(163)	1,843
6235 Sick leave	-	7,471	285	1,649	3,239	2,028
6260 Vacancy Savings	-	-	-	(10,560)	-	(7,217)
<i>O&amp;M PERSONNEL TOTAL</i>	-	165,252	173,069	169,227	191,716	208,513
<i>O&amp;M NON-PERSONNEL</i>						
7101 Advertising	-	-	-	-	-	-
7110 Dues & memberships	-	26	-	-	473	-
7120 Office supplies	-	-	-	1,000	-	900
7135 Telephone expenses	-	-	-	100	995	-
7140 Training expenses	-	3,038	-	4,500	1,963	2,250
7145 Travel expenses	-	-	516	12,000	30	4,000
7315 Food, meals, ice, water	-	-	30	-	-	25
7635 Software Maintenance Service Fees	-	2,238	15,879	14,425	12,228	20,425
7699 Other services	-	23,537	24,374	31,700	40,619	74,000
7805 Computer equipment	-	925	-	-	-	-
7806 Software licenses-new	-	718	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	-	30,482	40,799	63,725	56,308	101,600
	-	195,734	213,868	232,952	248,024	310,113





Department Responsibility: **Albert Gomez Jr.**  
 Title: **Director of Environmental Services**  
 Telephone Ext: **6251**  
 Dept. No: **1410**

**PERFORMANCE MEASURES  
FOR THE  
ENVIRONMENTAL SERVICES DEPARTMENT**

**Department Function:**

The Environmental Services Department manages the Environmental Compliance, Pre-treatment, Cross Connection Control, and Analytical Laboratory Departments. The Environmental Services Department develops and implements environmental policies and procedures to ensure compliance with the letter and spirit of environmental laws and reduce environmental impacts. It provides environmental compliance support services (technical, regulatory, and operational) to all Brownsville PUB and SRWA operations.

**Department Goals/Objectives:**

The Environmental Department's goal is to provide environmental, technical, regulatory, and operational support to all Brownsville PUB and SRWA operations in order to ensure that air emissions, hazardous waste, water quality, safe drinking water, air risk management, integrated contingency plan, spill prevention control and countermeasure, AST, UST, PCB and stormwater, compliance monitoring and reporting are appropriate and timely.

**INPUT MEASURES**

Employees (FTE's)  
Total O&M Expenses

**OUTPUT MEASURES**

Environmental Reports Produced  
Env Compliance Audits Performed  
QA Compliance Audits Performed  
EPA/TCEQ PT (Studies) Performed  
Waste Shipments

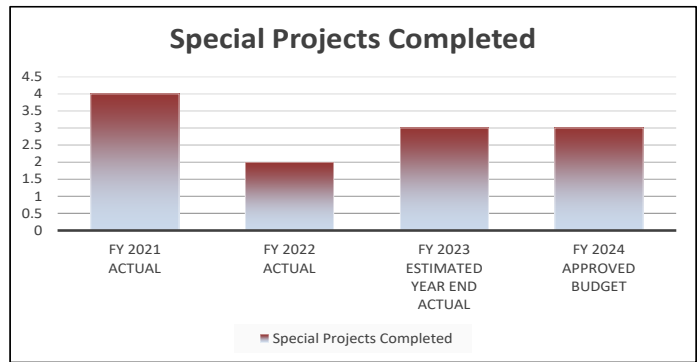
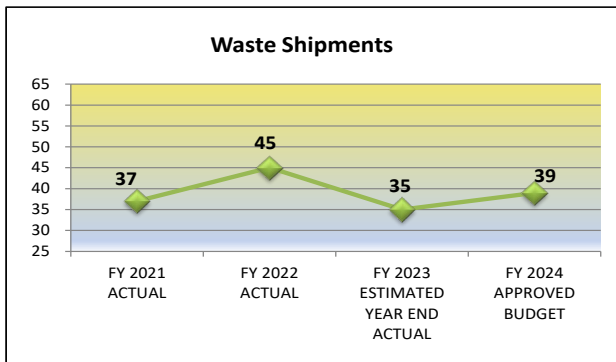
**OUTCOME MEASURES**

Timely Env. Report Submittals  
No. of State & Federal Violations (Issued/Resolved)  
Pounds Recycled

**EFFICIENCY MEASURES**

EPA & TCEQ Fines Levied  
Special Projects Completed  
% Passing - QC Proficiency Tests

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
6	6	5	6
\$ 1,212,604	\$ 1,103,880	\$ 954,447	\$ 932,725
132	153	153	153
20	25	19	20
2	2	2	2
5	5	5	5
37	45	35	39
100%	100%	100%	100%
4/4	8/7	2/2	0/0
369,289	405,111	387,200	387,200
\$ -	\$ -	\$ -	\$ -
4	2	3	3
100%	99%	99%	100%



## DEPARTMENT 1410 - ENVIRONMENTAL SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 141,494	\$ 141,107	\$ 148,002	\$ 147,597	\$ 118,301	\$ -
6105 Administrative Staff	224,113	223,500	234,393	233,750	219,814	260,333
6110 Clerical staff	41,200	40,948	43,356	42,536	48,678	51,126
6130 Overtime	356	469	894	1,227	1,729	2,986
6201 T.M.R.S.	72,748	73,692	76,455	74,603	74,023	57,464
6205 F.I.C.A.	23,288	23,298	24,718	26,281	23,968	19,310
6210 Medicare	5,572	5,539	5,818	6,146	5,658	4,516
6214 Dental Insurance	4,392	4,380	4,382	4,857	3,828	3,350
6215 Hospitalization insurance	74,257	82,069	86,400	96,582	77,762	72,057
6220 Life Insurance	349	348	347	476	326	355
6221 Long Term Disability Insurance	737	732	728	848	695	623
6225 Workers Compensation	10,410	10,380	10,896	10,597	10,535	7,786
6230 Vacation leave	14,339	4,809	(1,689)	5,413	(9,291)	3,977
6235 Sick leave	(21,126)	(1,243)	2,076	5,956	15,095	4,376
6242 Auto Benefits	7,500	7,212	7,500	7,500	7,500	7,500
6243 Telephone Benefits	1,680	1,616	1,680	1,680	1,357	-
6260 Vacancy Savings	-	-	-	(38,149)	-	(15,573)
<i>O&amp;M PERSONNEL TOTAL</i>	601,310	618,854	645,958	627,900	599,978	480,188
<i>O&amp;M NON-PERSONNEL</i>						
7101 Advertising	-	3,753	-	-	-	-
7105 Books & periodicals	-	555	-	-	653	800
7110 Dues & memberships	4,650	3,156	1,628	4,000	919	3,600
7120 Office supplies	743	1,574	765	850	1,108	800
7130 Postage/shipping charges	1,980	1,155	1,224	1,300	3,369	2,000
7140 Training expenses	1,210	1,819	4,385	4,000	1,600	2,000
7145 Travel expenses	1,724	-	5,347	7,000	2,264	3,500
7147 Mileage Reimbursement (InTownExp)	-	-	-	-	-	-
7293 Chemicals - other	24,617	26,356	22,426	36,000	22,283	32,600
7299 Other materials & supplies	3,193	2,868	2,555	2,000	586	1,800
7310 Federal, state, & local fees	404,528	369,594	368,813	376,000	375,730	341,337
7315 Food, meals, ice, water	110	-	374	-	1,163	700
7325 Rental of equip/storage/land	6,769	7,297	4,848	2,000	931	1,800
7335 Wearing apparel & dry goods	294	257	-	400	151	300
7415 Fuels & lubricants	707	652	1,133	1,000	821	900
7601 Legal Fees	31,819	8,906	-	6,100	1,686	-
7620 Environmental consulting fees	-	-	-	-	-	-
7699 Other services	92,613	164,033	43,834	87,000	25,212	60,000
7805 Computer equipment	912	-	-	-	-	-
7806 Software licenses-new	-	-	-	-	-	-
7820 Office furniture & equipment	880	1,537	592	-	490	-
7899 Other minor tools & equipment	600	238	-	200	371	400
<i>O&amp;M NON-PERSONNEL TOTAL</i>	577,349	593,750	457,922	527,850	439,336	452,537
	1,178,659	1,212,604	1,103,880	1,155,750	1,039,314	932,725



Department Responsibility: **Ramiro Capistran Jr.**

Title: **Environmental Manager**

Telephone Ext: **6511**

Dept. No: **1420**

**PERFORMANCE MEASURES  
FOR THE  
ENVIRONMENTAL COMPLIANCE DEPARTMENT**

**Department Function:**

The Environmental Compliance Department, under the direction of the Environmental Services Department, provides environmental services to all Brownsville PUB and SRWA operations in order to ensure compliance with environmental laws and reduce environmental impacts.

**Department Goals/Objectives:**

The Environmental Compliance Department's goal is to provide environmental services to all Brownsville PUB and SRWA operations in order to ensure environmental compliance with: air emissions, hazardous waste, safe drinking water act, risk management, integrated contingency plan, PCB/transformer disposal, spill prevention control and countermeasure, spill remediations, and any monitoring and reporting requirements.

**INPUT MEASURES**

Employees (FTE's)  
Total O&M Expenses

**OUTPUT MEASURES**

No. of Compliance Inspections  
Env. Trainings Offered  
Environmental Spill Responses  
Environmental Spill Remediations  
No. of Reportable Emission Events

**OUTCOME MEASURES**

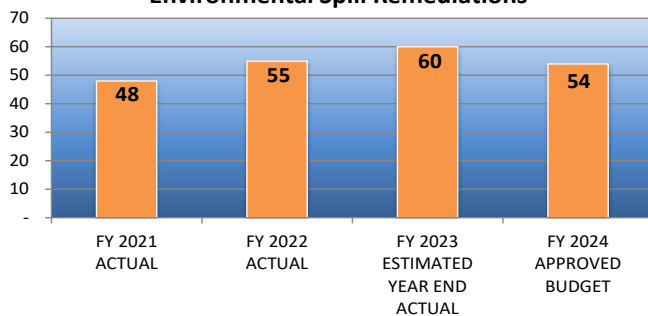
Compliance Inspection Corrective Actions  
% Compliance Trainings Completed  
% Spill Response Remediations Completed  
Unit 9 CEMS % Availability  
Unit 10 CEMS % Availability

**EFFICIENCY MEASURES**

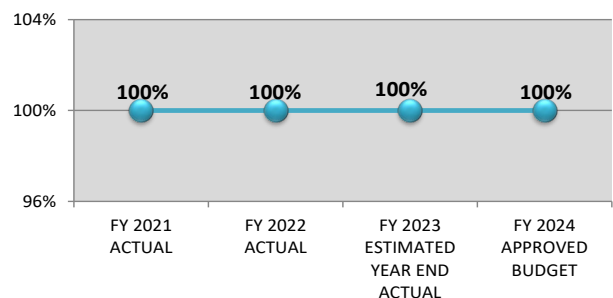
EPA & TCEQ Fines Levied

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
5	6	6	7
\$ 1,030,528	\$ 1,050,791	\$ 1,017,160	\$ 1,289,016
329	296	296	296
6	4	6	6
48	55	60	54
48	55	60	54
6	6	6	6
-	-	-	-
100%	100%	100%	100%
100%	100%	100%	100%
100%	100%	100%	100%
100%	100%	100%	100%
\$ -	\$ -	\$ -	\$ -

**Environmental Spill Remediations**



**% Spill Response Remediations Completed**



## DEPARTMENT 1420 – ENVIRONMENTAL COMPLIANCE

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 84,356	\$ 84,126	\$ 88,226	\$ 87,984	\$ 73,231	\$ 128,856
6105 Administrative Staff	276,681	281,325	321,633	326,685	344,459	366,558
6115 Operational staff	45,437	8,187	-	-	-	-
6130 Overtime	3,253	2,721	3,228	4,009	182	-
6201 T.M.R.S.	77,795	67,086	72,462	72,982	73,738	91,404
6205 F.I.C.A.	26,728	22,032	24,238	25,709	24,752	30,716
6210 Medicare	6,251	5,153	5,669	6,013	5,789	7,184
6214 Dental Insurance	3,272	3,159	3,388	3,755	3,204	3,380
6215 Hospitalization insurance	63,659	69,339	74,706	82,818	70,229	81,329
6220 Life Insurance	348	321	337	467	346	547
6221 Long Term Disability Insurance	775	713	751	829	780	991
6225 Workers Compensation	11,136	9,482	10,392	10,367	10,515	12,385
6230 Vacation leave	21,392	1,259	(11,095)	5,295	(316)	6,326
6235 Sick leave	37,026	(21,340)	(519)	5,826	9,430	6,961
6242 Auto Benefits	-	-	-	-	577	-
6260 Vacancy Savings	-	-	-	(37,320)	-	(24,771)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>658,110</b>	<b>533,562</b>	<b>593,417</b>	<b>595,419</b>	<b>616,917</b>	<b>711,866</b>
<i>O&amp;M NON-PERSONNEL</i>						
7101 Advertising	12,948	7,506	3,926	2,000	-	1,800
7105 Books & periodicals	88	125	-	-	178	-
7110 Dues & memberships	929	1,506	1,214	1,000	789	900
7120 Office supplies	1,873	2,118	2,703	2,000	2,793	2,200
7130 Postage/shipping charges	1,330	785	671	1,000	428	700
7135 Telephone expenses	-	-	-	-	-	-
7140 Training expenses	2,287	7,597	3,563	4,000	3,977	2,000
7145 Travel expenses	9,410	-	2,363	7,000	9,478	3,500
7225 Safety supplies	-	-	-	-	-	-
7293 Chemicals - other	-	1,249	-	-	-	-
7299 Other materials & supplies	14,943	11,867	15,777	11,000	11,383	9,950
7310 Federal, state, & local fees	20,486	19,304	30,289	32,000	32,654	29,900
7315 Food, meals, ice, water	81	-	90	-	298	200
7325 Rental of equip/storage/land	6,611	1,207	1,940	11,000	5,186	7,000
7335 Wearing apparel & dry goods	-	911	849	1,000	673	700
7415 Fuels & lubricants	1,252	1,659	2,971	2,000	2,678	1,800
7599 Maintenance / other	42,395	24,899	2,523	25,000	5,495	8,000
7620 Environmental consulting fees	64,597	112,524	72,369	65,000	76,313	59,000
7635 Software maintenance service fees	-	18,750	18,750	24,450	21,000	22,000
7645 Maintenance services	20,695	36,761	34,295	30,000	33,266	27,000
7699 Other services	118,722	246,038	259,133	500,000	404,301	400,000
7805 Computer equipment	-	-	-	-	-	-
7806 Software licenses-new	-	-	-	-	-	-
7820 Office furniture & equipment	208	852	1,709	-	-	-
7835 Tools, shop and garage equipment	-	621	1,325	1,000	105	500
7899 Other minor tools & equipment	445	686	915	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>319,300</b>	<b>496,966</b>	<b>457,374</b>	<b>719,450</b>	<b>610,995</b>	<b>577,150</b>
	<b>977,410</b>	<b>1,030,528</b>	<b>1,050,791</b>	<b>1,314,869</b>	<b>1,227,912</b>	<b>1,289,016</b>



Department Responsibility: **Vicente Guerrero III**

Title: **Lab and Cross Connection Control Mgr**

Telephone Ext: **6357**

Dept. No: **1422**

**PERFORMANCE MEASURES  
FOR THE  
ANALYTICAL LABORATORY DEPARTMENT**

**Department Function:**

The Analytical Laboratory Department provides accurate and precise laboratory analyses results to the Environmental Protection Agency (EPA), the Texas Commission on Environmental Quality (TCEQ), BPUB's customers, City of Brownsville Health Department, Water Treatment Plants, Wastewater Treatment Plants, Power Plant, Resaca Maintenance and the Distribution System. These analytical analyses are performed in accordance to the EPA, TCEQ, and the National Environmental Laboratory Accreditation Program (NELAP) requirements. We are officially accredited by the NELAP and approved by the EPA and TCEQ to conduct laboratory analyses as a commercial laboratory. All of the analytical analyses performed for compliance are defensible before any United States Judicial Court System.

**Department Goals/Objectives:**

The Analytical Laboratory Department's objective is to achieve the best analytical analyses through implementation of federal and state laboratory standards, enhance quality assurance and quality control that support current and future accreditation programs, and achieve costs savings through ongoing development and implementation of efficient standard operating procedures.

**INPUT MEASURES**

Employees (FTE's)  
O&M Personnel Expenses  
O&M Non-Personnel Expenses  
Total O&M Expenses

**OUTPUT MEASURES**

Financial Operational Reports Produced (monthly)  
TCEQ Daily/Monthly/Quarterly Operational Reports  
Quarterly Operational Reports  
Annual Water Quality Reports  
Daily Operational Reports  
Total of Analytical Analyses Conducted

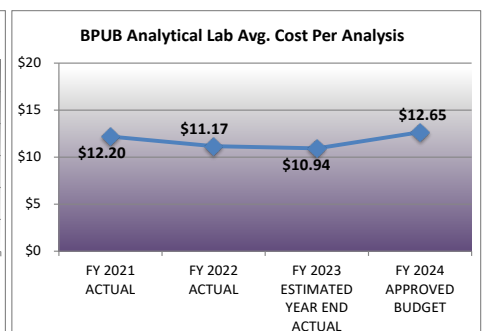
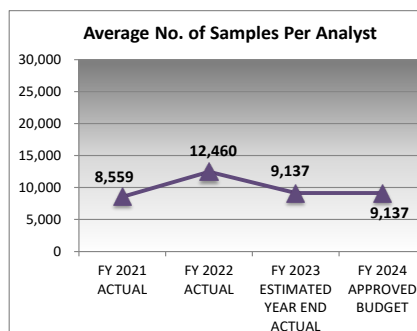
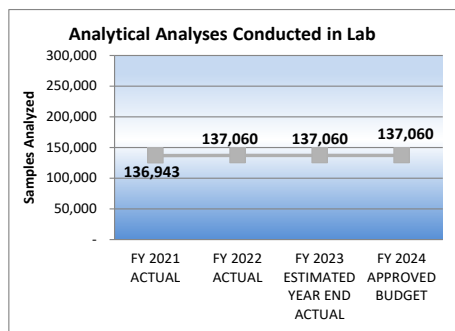
**OUTCOME MEASURES**

Maintain Quarterly Quality Control Standards  
Maintain Quarterly Proficiency Testing Standards  
Percentage of Proficiency Testing Evaluated as Acceptable  
Compliance with NELAP, EPA & TCEQ Certifications  
EPA / TCEQ Compliance Monitoring Schedules

**EFFICIENCY MEASURES**

BPUB Analytical Lab Average Cost Per Analysis  
Average No. of Samples Per Analyst

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
Employees (FTE's)	16	16	16	16
O&M Personnel Expenses	\$ 1,088,776	\$ 1,080,771	\$ 1,049,417	\$ 1,309,536
O&M Non-Personnel Expenses	\$ 581,270	\$ 449,999	\$ 449,999	\$ 423,922
Total O&M Expenses	\$ 1,670,048	\$ 1,530,770	\$ 1,499,416	\$ 1,733,458
Financial Operational Reports Produced (monthly)	12	12	12	12
TCEQ Daily/Monthly/Quarterly Operational Reports	96	108	108	108
Quarterly Operational Reports	27	0	0	0
Annual Water Quality Reports	52	4	4	4
Daily Operational Reports	11,412	11,385	11,385	11,385
Total of Analytical Analyses Conducted	136,943	137,060	137,060	137,060
Maintain Quarterly Quality Control Standards	YES	YES	YES	YES
Maintain Quarterly Proficiency Testing Standards	YES	YES	YES	YES
Percentage of Proficiency Testing Evaluated as Acceptable	100%	100%	100%	100%
Compliance with NELAP, EPA & TCEQ Certifications	YES/YES/YES	YES/YES/YES	YES/YES/YES	YES/YES/YES
EPA / TCEQ Compliance Monitoring Schedules	YES/YES	YES/YES	YES/YES	YES/YES
BPUB Analytical Lab Average Cost Per Analysis	\$ 12.20	\$ 11.17	\$ 10.94	\$ 12.65
Average No. of Samples Per Analyst	8,559	12,460	9,137	9,137



## DEPARTMENT 1422 - ANALYTICAL LABORATORY

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 160,296	\$ 159,857	\$ 167,208	\$ 221,312	\$ 173,414	\$ 175,573
6105 Administrative Staff	250,348	243,076	172,186	203,008	254,137	297,128
6110 Clerical staff	18,519	23,434	30,763	30,576	35,309	38,584
6115 Operational staff	299,163	260,646	303,458	301,330	249,204	335,088
6130 Overtime	30,288	46,097	46,738	42,254	47,006	63,396
6201 T.M.R.S.	135,382	132,284	127,961	133,096	134,472	156,156
6205 F.I.C.A.	45,525	43,445	43,106	46,886	45,880	52,475
6210 Medicare	10,647	10,160	10,081	10,965	10,730	12,272
6214 Dental Insurance	8,660	8,210	7,454	9,197	7,036	7,872
6215 Hospitalization insurance	151,214	157,371	149,914	183,591	138,992	166,773
6220 Life Insurance	665	629	593	895	633	985
6221 Long Term Disability Insurance	1,369	1,301	1,237	1,512	1,340	1,693
6225 Workers Compensation	19,372	18,670	18,574	18,906	19,551	21,159
6230 Vacation leave	13,757	(8,133)	(1,119)	9,657	9,231	10,808
6235 Sick leave	(33,349)	(8,270)	2,615	10,625	9,625	11,892
6260 Vacancy Savings	-	-	-	(68,060)	-	(42,319)
<i>O&amp;M PERSONNEL TOTAL</i>	<i>1,111,857</i>	<i>1,088,778</i>	<i>1,080,771</i>	<i>1,155,748</i>	<i>1,136,559</i>	<i>1,309,536</i>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	1,634	290	25	-	-	-
7110 Dues & memberships	1,992	1,888	2,027	2,100	1,954	1,400
7120 Office supplies	5,213	3,697	4,984	5,000	5,452	4,000
7130 Postage/shipping charges	5,213	1,937	403	1,000	482	1,000
7140 Training expenses	3,572	2,911	6,655	3,500	5,055	2,500
7145 Travel expenses	1,513	251	3,326	3,300	1,509	2,100
7180 Utilities - departmental	51,512	50,073	6,945	10,000	2,724	5,000
7225 Safety supplies	11,254	9,733	(2,574)	6,000	1,105	6,000
7293 Chemicals - other	91,620	73,642	41,751	83,000	43,257	50,000
7299 Other materials & supplies	74,550	105,710	144,768	80,000	-	50,000
7310 Federal, state, & local fees	3,300	3,050	3,050	4,300	106,429	4,100
7315 Food, meals, ice, water	385	237	501	-	3,300	522
7325 Rental of equip/storage/land	24,753	26,714	25,575	129,500	176	45,900
7335 Wearing apparel & dry goods	1,262	3,132	1,362	2,000	28,202	3,700
7415 Fuels & lubricants	4,581	7,089	11,636	12,000	4,781	7,200
7501 Maint. of buildings & structures	62,611	47,018	4,976	-	10,579	-
7645 Maintenance services	84,761	109,627	95,802	123,300	-	110,000
7699 Other services	84,276	70,916	86,135	100,000	119,805	90,000
7801 Communication equipment	-	-	-	-	41,688	-
7805 Computer equipment	852	108	683	-	-	1,000
7806 Software licenses-new	4,017	359	2,953	2,000	-	15,000
7810 Laboratory equipment	45,317	62,580	690	27,500	20,888	24,000
7820 Office furniture & equipment	9,636	-	-	-	-	-
7899 Other minor tools & equipment	-	308	-	500	617	500
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<i>573,822</i>	<i>581,270</i>	<i>441,674</i>	<i>595,000</i>	<i>398,004</i>	<i>423,922</i>
	<b>1,685,679</b>	<b>1,670,048</b>	<b>1,522,445</b>	<b>1,750,748</b>	<b>1,534,563</b>	<b>1,733,458</b>



Department Responsibility: Juan R. Carrizales

Title: Pretreatment Manager

Telephone Ext: 6253

Dept. No: 1430

**PERFORMANCE MEASURES  
FOR THE  
PRE-TREATMENT DEPARTMENT**

**Department Function:**

The Pre-Treatment Department function is to regulate the disposal of pollutants into the wastewater collection system, in order to prevent the introduction of untreated pollutants into the POTW, which will pass through or interfere with the treatment works as specified in the EPA Clean Water Act of 1977 and General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR 403).

**Department Goals/Objectives:**

The Pre-Treatment Department's objective is to implement sound consistent pre-treatment programs to comply with pre-treatment regulations and prevent enforcement actions from State and Federal agencies.

**INPUT MEASURES**

Employees (FTE's)  
Total O&M Expenses

**OUTPUT MEASURES**

Operational Reports (monthly)  
Number of Significant Ind. Users (SIU)  
Number of Users Surcharge  
Number of Commercial Users  
Pre-treatment Annual Report

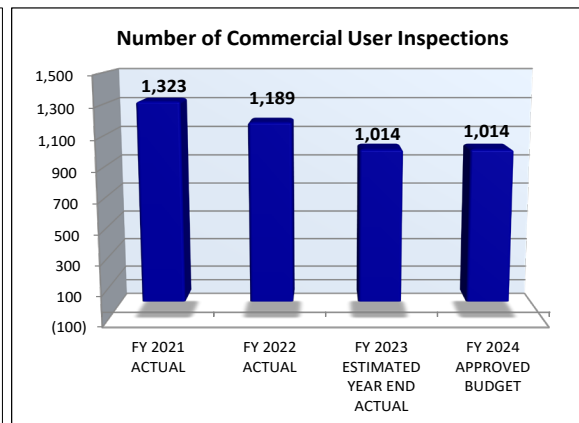
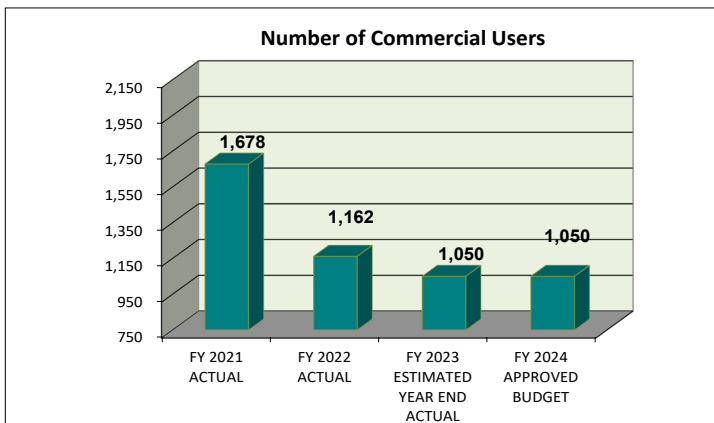
**OUTCOME MEASURES**

Number of Compliance Inspections for SIU's  
Number of Reviewed Outfall Analytical Reports SIU's  
Number of Sampled Outfalls SIU's  
Number of Active Permits  
Number of Surcharge Sampling Events  
Number of Commercial User Inspections

**EFFICIENCY MEASURES**

EPA & TCEQ Audits & Inspections Violations  
Cost Recovery  
Surcharges

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
7	7	7	7
\$ 587,932	\$ 634,100	\$ 667,462	\$ 769,534
12	12	12	12
10	10	10	10
5	5	5	5
1,678	1,162	1,050	1,050
1	1	1	1
10	10	10	10
58	59	65	58
28	29	30	28
10	10	10	10
36	44	44	44
1,323	1,189	1,014	1,014
0/1/0	0/1/0	0/0/0	0/1/0
\$ 34,480	\$ 39,763	\$ 42,171	\$ 42,171
\$ 38,773	\$ 61,491	\$ 88,923	\$ 88,923



## DEPARTMENT 1430 – PRE-TREATMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 82,849	\$ 82,622	\$ 86,661	\$ 86,424	\$ 89,383	\$ 91,790
6105 Administrative Staff	61,855	115,738	108,466	117,062	124,379	132,995
6110 Clerical staff	34,840	37,108	37,453	36,546	40,721	45,032
6115 Operational staff	120,885	119,210	119,446	122,117	122,230	149,240
6130 Overtime	7,607	4,196	10,236	9,257	5,048	16,163
6201 T.M.R.S.	53,823	63,761	64,490	63,738	67,264	77,316
6205 F.I.C.A.	18,287	21,191	21,734	22,453	22,620	25,982
6210 Medicare	4,277	4,956	5,083	5,251	5,290	6,076
6214 Dental Insurance	3,077	3,666	3,498	4,038	3,628	3,634
6215 Hospitalization insurance	52,568	69,191	71,086	88,025	76,076	83,175
6220 Life Insurance	274	319	298	423	341	480
6221 Long Term Disability Insurance	570	671	633	724	732	838
6225 Workers Compensation	7,701	8,982	9,203	9,054	9,892	10,476
6230 Vacation leave	13,937	(3,508)	4,967	4,625	(3,432)	5,351
6235 Sick leave	2,656	295	5,482	5,088	2,933	5,888
6260 Vacancy Savings	-	-	-	(32,593)	-	(20,953)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>465,207</b>	<b>528,399</b>	<b>548,736</b>	<b>542,232</b>	<b>567,106</b>	<b>633,484</b>
<i>O&amp;M NON-PERSONNEL</i>						
7101 Advertising	-	-	7,282	5,000	3,926	4,500
7105 Books & periodicals	-	210	-	-	-	-
7110 Dues & memberships	416	591	567	500	513	1,000
7120 Office supplies	3,093	2,380	2,935	3,500	2,942	3,000
7130 Postage/shipping charges	905	476	32	150	50	100
7140 Training expenses	1,935	3,835	1,775	2,000	1,263	4,050
7145 Travel expenses	1,090	-	1,280	2,000	2,380	4,800
7147 Mileage Reimbursement (InTownExp)	-	-	-	50	-	-
7215 Laundry & janitorial supplies	320	154	542	500	229	600
7225 Safety supplies	4,399	6,745	5,179	4,500	739	3,500
7293 Chemicals - other	1,886	1,291	1,014	1,500	1,537	2,200
7299 Other materials & supplies	7,993	3,668	6,862	7,000	5,842	7,200
7315 Food, meals, ice, water	233	198	426	-	105	200
7325 Rental of equip/storage/land	4,955	4,911	3,622	5,000	785	4,000
7335 Wearing apparel & dry goods	1,800	1,844	1,592	2,000	1,218	-
7415 Fuels & lubricants	4,321	5,282	5,876	6,000	6,518	5,400
7501 Maint. of buildings & structures	27,711	10,375	4,405	15,000	45,758	30,000
7635 Software maintenance service fees	1,695	1,745	1,800	2,000	1,855	11,000
7645 Maintenance services	8,196	8,789	9,462	12,000	7,343	10,000
7699 Other services	19,351	12,833	23,509	25,000	30,893	35,000
7810 Laboratory equipment	447	2,814	6,476	7,000	7,616	9,000
7820 Office furniture & equipment	3,449	464	728	-	-	500
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>94,193</b>	<b>68,605</b>	<b>85,364</b>	<b>100,700</b>	<b>121,514</b>	<b>136,050</b>
	<b>559,400</b>	<b>597,004</b>	<b>634,100</b>	<b>642,932</b>	<b>688,620</b>	<b>769,534</b>





Department Responsibility: Vicente Guerrero, III

Title: Laboratory and Cross Conn Control Mgr

Telephone Ext: 6357

Dept. No: 1435

**PERFORMANCE MEASURES  
FOR THE  
CROSS CONNECTION CONTROL DEPARTMENT**

**Department Function:**

The Cross Connection Control Department function is to protect the Public Drinking Water Supply by isolating any plumbing cross-connections in the distribution system that could back flow into the city's water supply system, as specified in the EPA Clean Water Act of 1973 and the RG-478 Establishing and Managing an Effective Cross Connection Program.

**Department Goals/Objectives:**

The Cross Connection Control Department objectives is to provide guidelines to ensure regulatory requirements promulgated the purpose of protecting the water supply and preventing enforcement actions from State and Federal Agencies.

**INPUT MEASURES**

Employees (FTE's)

Total O&M Expenses

**OUTPUT MEASURES**

Number of Facilities

Number of Assemblies - valves

Number of Commercial customers

Number of Residential customers

Number of Industrial customers

**OUTCOME MEASURES**

Number of Test & Maintenance Reports (TMR)

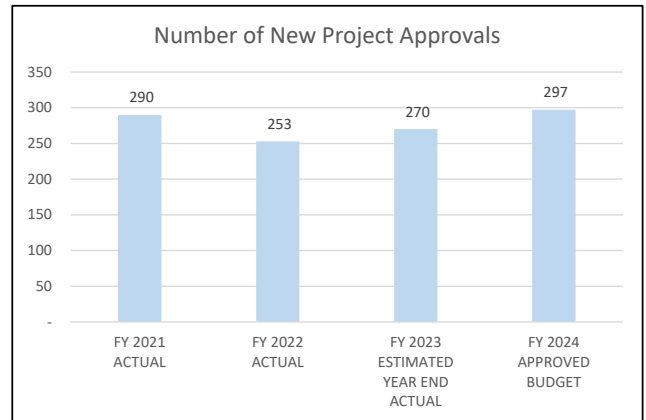
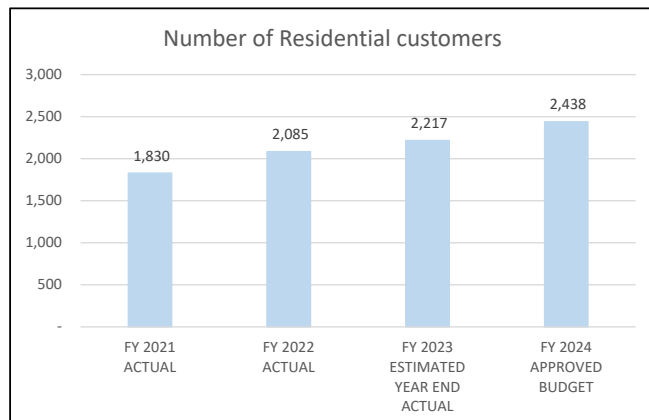
Number of New Project Approvals

Number of Customer Service Inspections (CSI)

**EFFICIENCY MEASURES**

EPA & TCEQ Audits & Inspections Violations

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
3	3	3	5
\$ 483,373	\$ 488,687	\$ 537,916	\$ 712,564
3,337	3,601	3,781	4,152
5,418	5,746	6,033	6,636
1,418	1,427	1,475	1,622
1,830	2,085	2,217	2,438
89	89	89	92
2,075	2,630	2,814	3,095
290	253	270	297
3,203	3,520	3,766	4,142
0/0/0	0/0/0	0/0/0	0/0/0



## DEPARTMENT 1435 – CROSS CONNECTION CONTROL

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6105 Administrative Staff	\$ 56,949	\$ 56,794	\$ 59,568	\$ 35,643	\$ 25,783	\$ 59,030
6115 Operational staff	77,127	75,718	74,603	76,794	102,975	180,045
6130 Overtime	10,245	10,882	18,294	16,970	25,783	21,663
6201 T.M.R.S.	25,211	25,449	26,751	19,789	31,784	44,109
6205 F.I.C.A.	8,226	8,037	8,813	6,971	10,713	14,823
6210 Medicare	1,924	1,880	2,061	1,630	2,505	3,467
6214 Dental Insurance	1,708	1,782	1,541	1,453	1,276	2,177
6215 Hospitalization insurance	33,339	38,160	34,598	27,635	30,918	51,114
6220 Life Insurance	123	122	117	135	112	282
6221 Long Term Disability Insurance	253	252	243	225	234	478
6225 Workers Compensation	3,608	3,585	3,812	2,811	4,558	5,977
6230 Vacation leave	2,860	1,194	2,481	1,436	(616)	3,053
6235 Sick leave	(8,390)	(1,567)	1,808	1,580	5,216	3,359
6260 Vacancy Savings	-	-	-	(10,119)	-	(11,954)
<i>O&amp;M PERSONNEL TOTAL</i>	213,184	222,285	234,691	182,951	241,240	377,624
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	146	-	-	-	275	-
7110 Dues & memberships	336	333	1,011	700	435	900
7120 Office supplies	2,323	800	1,093	1,000	1,354	1,000
7130 Postage/shipping charges	66	19	19	50	21	40
7140 Training expenses	870	6,001	1,100	3,000	330	975
7145 Travel expenses	391	-	763	3,000	793	2,100
7147 Mileage Reimbursement (InTownExp)	-	-	-	-	106	-
7215 Laundry & janitorial supplies	23	-	398	100	828	50
7225 Safety supplies	1,306	2,059	697	1,000	11,828	700
7299 Other materials & supplies	7,153	6,345	63,374	50,000	146	50,000
7315 Food, meals, ice, water	41	145	57	-	-	75
7325 Rental of equip/storage/land	321	-	-	-	702	2,000
7335 Wearing apparel & dry goods	577	572	314	1,000	-	600
7635 Software maintenance service fees	-	2,288	-	-	-	-
7645 Maintenance services	-	590	1,297	2,000	216,600	1,500
7699 Other services	260,056	241,057	183,682	275,000	-	250,000
7806 Software licenses-new	-	-	-	-	-	25,000
7820 Office furniture & equipment	1,376	881	192	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	274,984	261,088	253,996	336,850	233,419	334,940
	488,168	483,373	488,687	519,801	474,659	712,564



Department Responsibility: Eduardo Martinez

Title: Safety & Security Manager

Telephone Ext: 6263

Dept. No: 1440

**PERFORMANCE MEASURES  
FOR THE  
SAFETY & SECURITY OPERATIONS DEPARTMENT**

**Department Function:**

The function of the Health & Safety Department is to provide a safe and healthful work environment for Brownsville PUB employees by planning, developing, managing, and implementing safety and health programs in accordance with local, state, and federal standards.

**Department Goals/Objectives:**

The Health and Safety Department's objective is to be proactive and identify potential hazards and mediate them before the employee is injured. To properly train and educate the employees of the importance of safety equipment and safety procedures in order to maintain a safe working environment. If an injury is sustained, then the Health and Safety Department must make sure that the injured employee is given the best medical care available and enable the injured employee to return to work within a timely manner.

**INPUT MEASURES**

Employees (FTE)

Total O&M Expenses

**OUTPUT MEASURES**

Safety Training Reports

Crew Visit Inspections

Number of Training Sessions Held

**OUTPUT MEASURES**

Number of Trainings Attended by Employees

Total Number of Training Hours

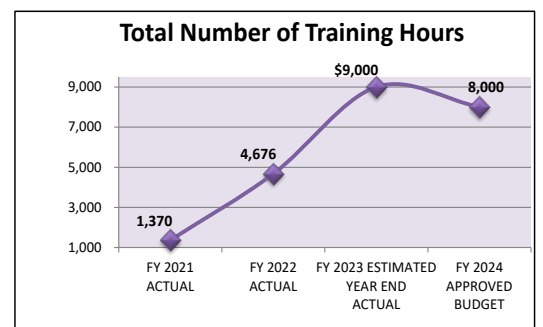
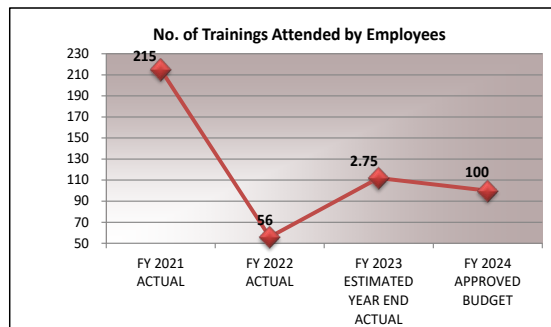
**EFFICIENCY MEASURES**

Cost of Training Hour

Cost per Employee Attendee

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
4	4	4	5
\$ 692,345	\$ 2,293,179	\$ 2,092,042	\$ 2,940,534
52	12	12	12
750	244	240	240
1,370	2,245	750	750
215	56	112	100
1,370	4,676	9,000	8,000
11.53	11.04	8.45	8.00
73.48	15.61	40.20	20.00

\*(Decrease in FY 2021 due to COVID -19. H&S did not conduct in-person training. All Training was done online)



## DEPARTMENT 1440 – SAFETY AND SECURITY OPERATIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	130,963	136,088	\$ 146,876	\$ 146,474	\$ 161,264	\$ 181,230
6105 Administrative Staff	113,561	64,081	104,337	111,925	49,024	173,618
6110 Clerical staff	29,806	29,073	30,379	30,098	2,929	-
6130 Overtime	9	333	230	977	5	-
6201 T.M.R.S.	50,660	41,121	49,837	50,775	37,915	65,469
6205 F.I.C.A.	17,245	13,605	16,537	17,887	12,739	22,001
6206 Suta	-	3,182	-	-	-	-
6210 Medicare	4,033	2,269	3,867	4,183	2,979	5,145
6214 Dental Insurance	2,604	39,808	2,934	3,396	1,666	2,763
6215 Hospitalization insurance	45,436	201	53,834	62,940	32,230	58,095
6220 Life Insurance	238	437	239	332	179	398
6221 Long Term Disability Insurance	515	5,792	515	577	399	710
6225 Workers Compensation	7,248	7,549	7,176	7,212	5,463	8,871
6230 Vacation leave	8,485	474	7,398	3,684	(2,868)	4,531
6235 Sick leave	(25,747)	-	335	4,053	4,019	4,986
6240 Educational assistance	-	-	2,764	-	3,336	3,000
6260 Vacancy Savings	-	-	-	(25,965)	-	(17,742)
<i>O&amp;M PERSONNEL TOTAL</i>	385,055	344,010	427,258	418,548	311,280	513,076
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	235	1,216	1,790	4,000	21,313	3,000
7110 Dues & memberships	6,195	195	2,788	2,100	2,926	2,000
7115 Educational material	-	-	-	-	-	-
7120 Office supplies	1,873	3,792	2,217	2,100	668	1,000
7125 Photo equipment/supplies	-	-	21	10,200	405	10,000
7130 Postage/shipping charges	72	90	129	400	-	-
7135 Telephone expenses	4,199	5,133	4,998	18,600	28,941	15,000
7140 Training expenses	-	19,200	14,175	16,600	10,651	5,100
7145 Travel expenses	-	-	5,090	12,000	5,080	5,950
7220 Medical supplies	-	-	177	3,000	-	2,500
7225 Safety supplies	42,160	2,669	13,391	7,000	1,384	4,000
7299 Other materials & supplies	19,028	13,428	6,433	9,700	5,895	11,000
7315 Food, meals, ice, water	296	3,767	1,142	-	4,658	3,500
7320 Official functions	-	-	-	-	-	-
7322 Recognition Program	31,633	23,190	13,919	46,000	40,766	45,000
7325 Rental of equip/storage/land	4,156	1,990	988	7,000	3,118	5,000
7415 Fuels & lubricants	2,949	4,215	9,214	7,200	7,769	7,500
7635 Software maintenance service fees	29,544	20,229	27,062	42,000	23,099	80,000
7645 Maintenance services	36,851	-	44,680	123,500	1,000	50,000
7650 Security services	178,702	-	1,533,533	1,514,348	-	1,838,908
7699 Other services	81,588	221,434	139,044	406,000	213,880	300,000
7805 Computer equipment	873	-	-	3,500	-	3,000
7806 Software licenses-new	1,990	20,755	4,486	5,000	-	5,000
7820 Office furniture & equipment	-	-	-	-	-	-
7899 Other minor tools & equipment	-	7,029	40,646	9,000	14,646	30,000
<i>O&amp;M NON-PERSONNEL TOTAL</i>	442,345	348,335	1,865,921	2,249,248	386,201	2,427,458
	827,400	692,345	2,293,179	2,667,796	697,481	2,940,534



Department Responsibility: Arnulfo Mejia

Title: Substations & Relaying Manager

Telephone Ext: 6327

Dept. No: 2120

**PERFORMANCE MEASURES  
FOR THE  
SUBSTATIONS AND RELAYING DEPARTMENT**

**Department Function:**

The function of the Substations and Relaying Department is the daily operation, maintenance, and attention to any emergencies in the Substations.

**Department Goals/Objectives:**

The goal for the Substations and Relaying Department is to be the leader in providing reliable means of power transmission and distribution by maintaining all substation instrumentation and equipment in good working condition.

**INPUT MEASURES**

Employees (FTEs)  
Total O&M Expenses  
No. of Substations  
Total Power-Transformers Capacity (MVA)

**OUTPUT MEASURES**

Power Transformers, Test & Maintenance  
138 KV Breakers, Test & Maintenance  
12.5 KV Breakers, Test & Maintenance

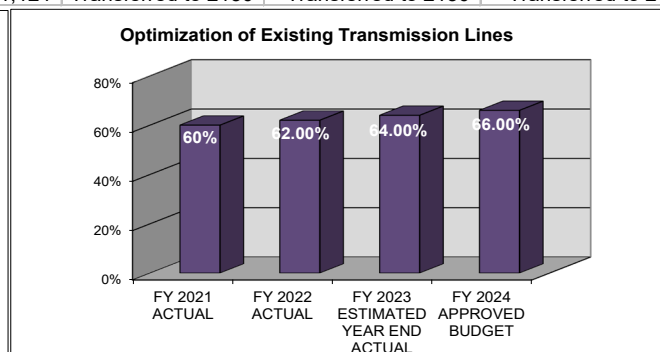
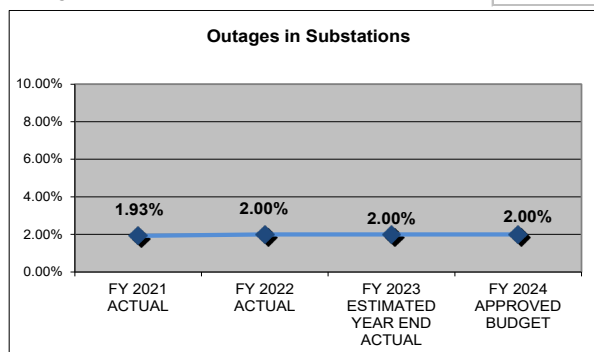
**OUTCOME MEASURES**

Comply With ERCOT, NERC  
Monthly Substation Inspections  
Battery Banks Inspection & Maintenance  
Relay Testing and Documentation (comply with PRC-005-6)  
Collect Fault Data and Evaluate System Grid Integrity

**EFFICIENCY MEASURES**

Outages in Substations  
Optimization of Existing Transmission Lines  
NERC Audits Violations  
Maintenance Reports  
New Connections

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
23	23	13	14
\$ 2,256,460	\$ 2,180,847	\$ 2,124,539	\$ 2,653,066
15	15	15	15
700	700	700	700
8	9	8	8
12	13	8	8
22	17	11	11
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
1.93%	2.00%	2.00%	2.00%
60%	62.00%	64.00%	66.00%
0%	0.00%	0.00%	0.00%
100%	100.00%	100.00%	100.00%
1,124	Transferred to 2130	Transferred to 2130	Transferred to 2130



## DEPARTMENT 2120 – SUBSTATIONS AND RELAYING

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 125,821	\$ 115,905	\$ 121,576	\$ 121,243	\$ 164,709	\$ 264,160
6105 Administrative Staff	-	-	-	-	-	65,083
6110 Clerical staff	24,898	30,329	32,004	31,699	36,427	42,536
6115 Operational staff	941,022	890,801	942,184	919,121	635,116	695,822
6130 Overtime	111,716	116,631	105,253	92,389	50,391	87,691
6140 Severance Pay	-	-	-	-	-	-
6201 T.M.R.S.	230,270	221,469	229,469	188,683	156,278	186,634
6205 F.I.C.A.	74,440	73,570	75,163	66,468	53,683	66,191
6206 Suta	2,691	-	-	-	-	-
6210 Medicare	17,409	17,206	17,579	15,545	12,555	15,480
6214 Dental Insurance	10,663	10,434	10,379	11,646	6,742	7,450
6215 Hospitalization insurance	180,214	198,943	201,503	227,513	130,970	167,750
6220 Life Insurance	927	898	943	1,247	700	1,133
6221 Long Term Disability Insurance	2,007	1,906	2,022	2,144	1,520	2,023
6225 Workers Compensation	31,188	30,816	31,275	26,802	22,167	26,690
6230 Vacation leave	25,053	20,648	(14,353)	13,690	6,736	13,633
6235 Sick leave	(22,150)	6,865	(39,499)	15,062	17,420	15,000
6250 Miscellaneous personnel benefits	-	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(96,486)	-	(53,380)
<i>O&amp;M PERSONNEL TOTAL</i>	<i>1,756,170</i>	<i>1,736,422</i>	<i>1,715,497</i>	<i>1,636,767</i>	<i>1,295,412</i>	<i>1,603,897</i>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	434	307	679	600	888	1,000
7120 Office supplies	380	3,200	998	1,000	2,055	1,500
7130 Postage/shipping charges	405	1,888	800	600	1,284	700
7140 Training expenses	-	-	2,863	7,100	1,061	6,519
7145 Travel expenses	114	-	1,031	6,400	4,871	6,000
7180 Utilities - departmental	133,862	127,786	133,501	130,000	160,659	130,800
7190 Utilities - CP&L & Mvec	-	769	777	900	787	-
7203 Sand, Caliche, Gravel, Concrete etc	-	-	-	250	-	100
7215 Laundry & janitorial supplies	55	-	-	250	136	200
7225 Safety supplies	7,134	10,902	6,382	3,500	9,597	8,050
7293 Chemicals - other	11,942	1,764	5,945	3,500	2,206	2,000
7299 Other materials & supplies	94,324	81,610	60,820	53,500	7,590	5,000
7315 Food, meals, ice, water	324	-	505	-	868	700
7325 Rental of equip/storage/land	7,289	50,668	27,051	26,000	10,582	15,800
7335 Wearing apparel & dry goods	11,295	7,635	9,145	7,500	10,723	7,000
7415 Fuels & lubricants	18,627	32,859	38,545	35,000	32,315	36,000
7501 Maint. of buildings & structures	5,460	1,051	15,471	15,000	21,815	16,000
7505 Maint. of communication equipment	234	828	176	750	277	200
7540 Maint. of line transformers	57,187	87,365	54,755	50,000	-	270,900
7550 Maint. of overhead lines	4,236	-	-	-	637,611	-
7555 Maint. of station equipment	28,009	66,855	54,909	50,000	-	489,000
7570 Maint. of underground lines	6,353	1,317	-	-	131,139	-
7599 Maintenance / other	250	-	-	-	-	-
7635 Software Maintenance Service Fees	-	-	-	-	-	3,000
7645 Maintenance services	10,380	194	1,879	2,000	(230)	2,000
7699 Other services	17,026	6,996	22,259	9,000	21,324	25,000
7805 Computer equipment	6,357	92	328	2,500	2,892	4,000
7806 Software licenses-new	6,400	2,780	-	2,000	-	1,000
7820 Office furniture & equipment	585	115	805	-	830	-
7835 Tools, shop and garage equipment	14,296	16,288	11,611	5,000	9,035	7,700
7899 Other minor tools & equipment	13,837	16,769	14,116	12,000	4,476	9,000
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<i>456,798</i>	<i>520,038</i>	<i>465,350</i>	<i>424,350</i>	<i>1,074,792</i>	<i>1,049,169</i>
	<b>2,212,968</b>	<b>2,256,460</b>	<b>2,180,847</b>	<b>2,061,117</b>	<b>2,370,204</b>	<b>2,653,066</b>



Department Responsibility: Eli Alvarez

Title: Division Manager

Telephone Ext: 6234

Dept. No: 2130

**PERFORMANCE MEASURES  
FOR THE  
ELECTRIC TRANSMISSION AND DISTRIBUTION CONSTRUCTION AND MAINTENANCE DEPARTMENT**

**Department Function:**

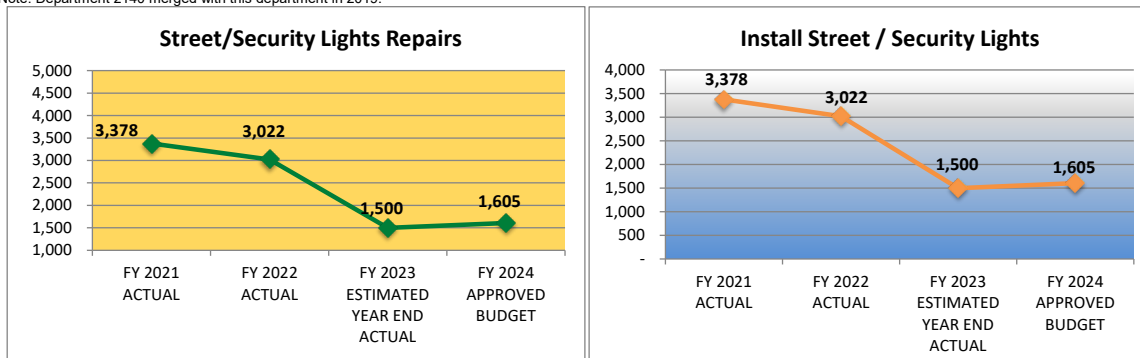
Responsible for the operation, construction and maintenance of the electrical system in order to provide safe, timely, and reliable service. Also responsible for the transmission and distribution of electric power from the internal and external power sources to the customer.

**Department Goals/Objectives:**

Provide the best reliable and efficient power in the safest manner to our customers.

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
<b>INPUT MEASURES</b>				
Staff	50	49	58	67
O&M Expenses	\$ 3,745,296	\$ 4,769,669	\$ 5,239,379	\$ 5,361,436
<b>OUTPUT MEASURES</b>				
Street/Security Lights Repairs	3,378	3,022	1,500	1,605
Miles of Line Washed	40	50	50	50
Set/Replace Transformers	710	410	442	473
Set/Replace Poles	674	556	500	535
Locate/Repair Underground Residential Distribution Faults	280	324	250	268
Work orders Completed	353	295	660	706
General Service Request Closed	11,000	12,700	9,800	10,486
<b>EFFICIENCY MEASURES</b>				
Install Street / Security Lights	3,378	3,022	1,500	1,605
New Connections	1,200	1,400	1,800	1,926
Average Power Restoration Time per Outage (hrs.)	3	3	3	3
Average time of Street Light Repair (Cal. Days)	5	5	9	9
Average time of Security Light Repair (Cal. Days)	5	5	4	4

Note: Department 2140 merged with this department in 2019.



**DEPARTMENT 2130 - ELECTRIC TRANSMISSION AND DISTRIBUTION  
CONSTRUCTION AND MAINTENANCE**

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 96,354	\$ 96,090	\$ 75,173	\$ 100,506	\$ 7,385	\$ 100,963
6105 Administrative Staff	-	51,401	99,377	26,822	55,374	32,656
6110 Clerical staff	18,281	13,524	14,846	14,446	16,336	18,772
6115 Operational staff	1,259,603	1,093,801	1,549,758	1,502,168	2,034,555	2,406,032
6130 Overtime	134,010	140,283	177,894	126,730	388,878	234,116
6140 Severance Pay	5,068	-	-	-	-	-
6201 T.M.R.S.	420,352	408,074	460,964	289,334	641,058	472,029
6205 F.I.C.A.	91,207	83,128	113,971	98,992	152,419	158,622
6206 Suta	2,232	-	-	-	-	-
6210 Medicare	21,330	19,441	26,655	26,083	35,647	37,098
6214 Dental Insurance	18,565	17,288	19,619	20,708	20,680	22,216
6215 Hospitalization insurance	322,881	334,207	396,680	413,490	421,287	482,046
6220 Life Insurance	1,208	1,160	1,418	1,918	1,773	2,907
6221 Long Term Disability Insurance	2,502	2,410	3,007	3,288	3,814	5,117
6225 Workers Compensation	41,104	37,377	48,863	41,099	64,412	63,961
6230 Vacation leave	42,648	15,111	71,847	20,993	32,330	30,914
6235 Sick leave	(53,072)	(8,497)	72,699	23,097	75,006	34,012
6250 Miscellaneous personnel benefits	-	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(147,955)	-	(121,041)
<i>O&amp;M PERSONNEL TOTAL</i>	<i>2,424,275</i>	<i>2,304,797</i>	<i>3,132,769</i>	<i>2,561,718</i>	<i>3,950,953</i>	<i>3,980,422</i>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	332	-	-	-	-
7110 Dues & memberships	565	1,677	828	1,200	300	500
7120 Office supplies	4,369	3,093	5,140	4,500	1,174	2,000
7130 Postage/shipping charges	1,289	3,651	219	1,566	1,221	1,000
7140 Training expenses	11,900	480	71,122	52,000	137,081	196,000
7145 Travel expenses	324	218	461	200	58	100
7180 Utilities - departmental	1,290	1,318	1,521	1,000	1,912	1,500
7203 Sand, Caliche, Gravel, Concrete etc	425	1,407	2,063	500	1,560	1,000
7205 Lamps, globes & flares	7,504	659	-	-	(0)	-
7210 Landscaping/Trade a Tree Program	75	-	-	-	-	-
7225 Safety supplies	36,752	23,798	25,010	22,000	32,781	23,100
7288 Chemicals - ferric chloride	-	-	-	-	-	-
7299 Other materials & supplies	100,645	119,975	147,432	116,000	251,768	182,500
7315 Food, meals, ice, water	1,745	123	1,163	-	5,484	3,000
7325 Rental of equip/storage/land	5,548	6,411	2,644	2,600	4,502	3,500
7335 Wearing apparel & dry goods	23,448	24,866	25,516	16,000	33,419	18,158
7415 Fuels & lubricants	92,228	116,727	167,302	150,000	182,940	127,106
7430 Tires	-	-	123	-	-	-
7501 Maint. of buildings & structures	-	-	-	-	-	-
7505 Maint. of communication equipment	-	14,971	500	500	-	250
7525 Maint. of boiler plant	193	-	-	-	-	-
7530 Maint. of electric meters	-	-	-	-	-	-
7535 Maint. of electric plant	508	49	-	500	2,386	2,000
7540 Maint. of line transformers	32,038	28,651	36,452	38,000	17,125	25,000
7550 Maint. of overhead lines	113,477	54,324	117,800	64,800	97,123	63,300
7560 Maint. of steam prod. plant	-	-	-	-	-	-
7565 Maint. of street lighting & signals	886,506	773,846	781,904	864,900	508,500	595,600
7570 Maint. of underground lines	22,380	40,766	26,058	40,300	15,258	22,500
7577 Maint. of distribution mains	-	-	-	-	-	-
7599 Maintenance / other	3,193	1,019	13,126	10,800	-	-
7645 Maintenance services	125	-	-	-	-	-
7650 Security services	-	-	-	-	0	-
7665 Street Patching Services	-	-	-	-	-	-
7699 Other services	36,958	33,158	33,867	30,000	34,278	39,500
7801 Communication equipment	198	1,062	25	-	-	-
7805 Computer equipment	-	184	1,007	-	-	-
7820 Office furniture & equipment	-	959	-	-	-	-
7835 Tools, shop and garage equipment	36,422	46,128	46,039	30,000	40,062	28,900
7899 Other minor tools & equipment	283,751	140,647	129,580	69,000	63,997	44,500
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<i>1,703,856</i>	<i>1,440,499</i>	<i>1,636,900</i>	<i>1,516,366</i>	<i>1,432,928</i>	<i>1,381,014</i>
	<b>4,128,131</b>	<b>3,745,296</b>	<b>4,769,669</b>	<b>4,078,084</b>	<b>5,383,881</b>	<b>5,361,436</b>





Department Responsibility: **Robert Avila**

Title: **Energy System Operations Manager**

Telephone Ext: **6319**

Dept. No: **2150**

### PERFORMANCE MEASURES FOR THE ENERGY CONTROL CENTER OPERATIONS DEPARTMENT

#### Department Function:

Energy Control Center Operations is responsible for several functions at Brownsville PUB. 1. The safe and reliable operation of Brownsville PUB's bulk electric system in compliance with NERC Reliability Standards, ERCOT Nodal Guides and Protocols. 2. Coordinate actions between ERCOT and neighboring entities during normal and emergency operations. 3. Nominate fuel and arrange for the transportation of fuel to Silas Ray power plant. 4. Coordinate transmission outages within Brownsville PUB as well as with neighboring entities and ERCOT. 5. Receive customer trouble call requests in Cityworks and dispatch said requests to the Electric, Water and Wastewater departments as needed. 6. Keep management informed of situations and outages affecting Brownsville PUB systems 24 hours a day, seven days a week. 7. Perform duties of the Customer Service Department after normal business hours.

#### Department Goals/Objectives:

Perform all actions in a safe, reliable, and efficient manner while providing excellent customer service.

#### INPUT MEASURES

Employees

Total O&M Expenses

#### OUTPUT MEASURES

Operational Reports (daily)

Electrical Service Requests Dispatched

Water Service Requests Dispatched

Wastewater Service Requests Dispatched

SCADA Service Requests Dispatched

#### OUTCOME MEASURES

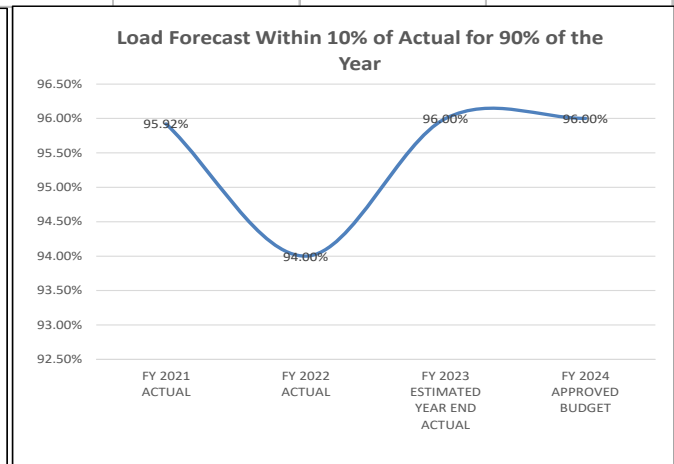
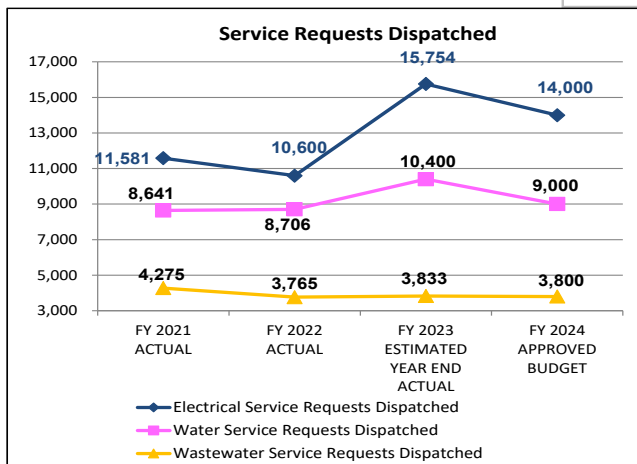
Fatalities or Injuries as a Result of Switching

All Certified Operators Maintain NERC Certification

#### EFFICIENCY MEASURES

Load Forecast Within 10% of Actual for 90% of the Year

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
15	15	15	15
\$ 1,584,422	\$ 1,919,608	\$ 1,952,448	\$ 2,051,497
14	14	13	12
11,581	10,600	15,754	14,000
8,641	8,706	10,400	9,000
4,275	3,765	3,833	3,800
85	86	150	125
None	None	None	None
Yes	Yes	Yes	Yes
95.92%	94.00%	96.00%	96.00%



## DEPARTMENT 2150 - ENERGY CONTROL CENTER OPERATIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 109,084	\$ 108,785	\$ 114,109	\$ 113,797	\$ 118,053	\$ 121,846
6110 Clerical staff	48,977	48,252	78,994	75,587	86,132	94,099
6115 Operational staff	807,665	771,958	977,374	984,422	1,040,650	1,048,570
6130 Overtime	73,569	108,539	110,202	115,105	119,377	131,216
6201 T.M.R.S.	183,026	184,690	225,056	206,590	242,860	233,303
6205 F.I.C.A.	61,529	60,828	75,388	72,776	80,981	78,400
6210 Medicare	14,390	14,226	17,631	17,020	18,939	18,335
6214 Dental Insurance	9,141	8,564	9,271	10,917	9,643	9,825
6215 Hospitalization insurance	156,334	166,373	189,369	224,363	198,604	220,330
6220 Life Insurance	809	771	910	1,303	998	1,394
6221 Long Term Disability Insurance	1,787	1,715	2,071	2,348	2,277	2,529
6225 Workers Compensation	26,238	26,030	32,116	29,345	34,469	31,613
6230 Vacation leave	18,504	9,169	10,861	14,990	(2,231)	16,148
6235 Sick leave	(99,378)	11,099	5,360	16,492	20,390	17,766
6240 Educational assistance	-	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(105,643)	-	(63,226)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>1,411,674</b>	<b>1,520,998</b>	<b>1,848,713</b>	<b>1,779,412</b>	<b>1,971,141</b>	<b>1,962,150</b>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	-
7110 Dues & memberships	2,000	400	3,340	2,450	5,650	2,400
7120 Office supplies	2,242	1,470	1,859	1,500	1,159	1,200
7130 Postage/shipping charges	7	30	-	75	-	-
7140 Training expenses	13,145	40,630	20,200	25,000	22,925	27,577
7145 Travel expenses	1,882	-	29	26,910	11,365	29,020
7180 Utilities - departmental	9,744	8,415	2,865	-	2,914	3,000
7225 Safety supplies	2,695	4,213	1,854	4,000	44	900
7299 Other materials & supplies	1,056	110	443	600	437	500
7315 Food, meals, ice, water	428	370	716	500	691	1,000
7325 Rental of equip/storage/land	3,535	3,725	4,202	4,000	3,486	3,500
7415 Fuels & lubricants	-	-	-	-	-	-
7501 Maint. of buildings & structures	306	3,837	-	-	150	10,000
7505 Maint. of communication equipment	1,231	-	2,758	-	-	-
7645 Maintenance services	130	-	225	-	-	-
7699 Other services	600	225	150	400	375	500
7801 Communication equipment	-	-	10,392	-	835	3,500
7805 Computer equipment	940	-	16,597	1,000	1,996	5,000
7806 Software licenses-new	-	-	4,966	1,000	-	1,000
7820 Office furniture & equipment	2,144	-	-	-	-	-
7899 Other minor tools & equipment	1,944	-	297	1,000	24	250
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>44,028</b>	<b>63,424</b>	<b>70,895</b>	<b>68,435</b>	<b>52,050</b>	<b>89,347</b>
	<b>1,455,702</b>	<b>1,584,422</b>	<b>1,919,608</b>	<b>1,847,847</b>	<b>2,023,191</b>	<b>2,051,497</b>



Department Responsibility: **Elias Quintero Jr.**

Title: **SCADA & Electrical  
Support Services Mgr.**

Telephone Ext: **6325**

Dept. No: **2210**

**PERFORMANCE MEASURES  
FOR THE  
SCADA & ELECTRICAL SUPPORT SERVICES DEPARTMENT**

**Department Function:**

SCADA & Electrical Support Services Department is responsible for planning, organizing, installing, implementing, preventive and corrective maintenance, and repair of all equipment associated with the Water/Wastewater/Lift Station Supervisory Control and Data Acquisition (SCADA) systems and the Electric SCADA systems. This includes all electrical motors, emergency generators, motor control centers and switchgear; electrical, pneumatic and hydraulic controls and instrumentation; communication devices, telemetry, fiber optic systems, Remote Terminal Units, cyber security appliances, routers, network switches, computer servers and workstations, and computer network monitoring tools. This equipment is located in different parts of the utility including the Energy Control Center, Backup Control Center, Water Plants, Wastewater Plants, Lift Stations, water distribution pressure points, water elevated storage tanks, SRWA water wells, and river pumps. The Department is also involved in meeting the compliance requirements for the Texas Commission on Environmental Quality, Environmental Protection Agency, and North American Electric Reliability Corporation.

**Department Goals/Objectives:**

The objective of the department is to ensure the reliable operation of the Electrical SCADA system and the Water/Wastewater/Lift Station SCADA system.

**INPUT MEASURES**

Employees  
O&M Personnel Expenses  
O&M Non-Personnel Expenses  
Instrumentation Locations of the Electric SCADA System  
Miles of Fiber Maintained  
Instrumentation Locations of the W/WW SCADA System  
Instrumentation Locations of the Lift Stations

**OUTPUT MEASURES**

Number of Service Requests For Electric SCADA System  
Number of Service Requests For W/WW SCADA System  
Number of Service Requests For Lift Stations  
Back-Up Generator Maintenance  
Banner Request/Invoices/Transactions/Contracts Generated

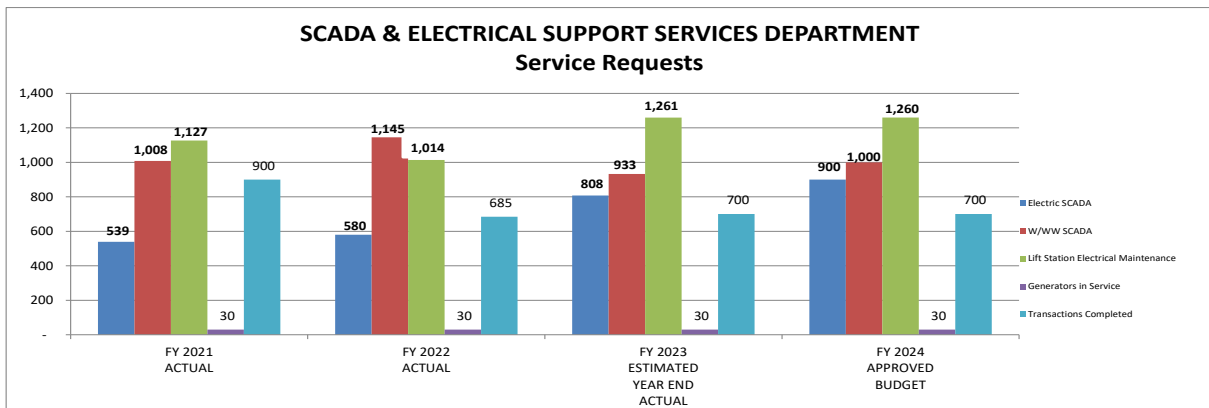
**OUTCOME MEASURES**

Number of Service Requests For Electric SCADA System Completed  
Number of Service Requests For W/WW SCADA System Completed  
Number of Service Requests For Lift Stations Completed  
Back-Up Generator In Service  
Banner Request/Invoices/Transactions/Contracts Completed

**EFFICIENCY MEASURES**

% Number of Service Requests For Electric SCADA System  
% Number of Service Requests For W/WW SCADA System  
% Number of Service Requests For Lift Stations  
% Number of Back-Up Generator In Service  
% Banner Request/Invoices/Transactions/Contracts Completed

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
23	23	23	23
\$ 1,675,227	\$ 1,875,632	\$ 1,925,569	\$ 2,210,616
\$ 1,362,105	\$ 1,520,794	\$ 1,173,483	\$ 1,654,417
46	45	45	45
100	120	120	120
100	443	443	443
185	178	178	178
539	580	808	900
1,008	1,145	933	1,000
1,127	1,014	1,261	1,260
30	30	30	30
900	685	700	700
524	571	775	855
996	1,049	800	530
1,127	986	1,240	1,200
29	29	25	30
900	685	700	700
97%	98%	96%	95%
99%	92%	86%	53%
100%	97%	98%	95%
97%	97%	83%	100%
900	100%	100%	100%



## DEPARTMENT 2210 – SCADA & ELECTRICAL SUPPORT SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 294,724	\$ 306,675	\$ 334,577	\$ 403,083	\$ 346,157	\$ 363,210
6105 Administrative Staff	271,177	154,548	247,313	231,234	357,113	399,568
6110 Clerical staff	34,815	34,687	36,285	35,214	39,520	43,514
6115 Operational staff	591,588	545,341	582,891	620,506	533,759	649,334
6130 Overtime	87,426	68,634	67,670	75,693	86,392	74,400
6201 T.M.R.S.	238,209	210,048	228,598	227,046	246,697	268,563
6205 F.I.C.A.	77,333	68,407	77,158	79,982	83,582	90,249
6206 Suta	-	-	-	-	393	-
6210 Medicare	-	15,998	18,045	18,706	19,547	21,107
6214 Dental Insurance	12,308	10,772	11,318	12,799	11,242	12,317
6215 Hospitalization insurance	228,187	213,462	235,224	275,397	238,970	281,140
6220 Life Insurance	1,037	920	1,005	1,489	1,094	1,654
6221 Long Term Disability Insurance	2,218	1,969	2,170	2,580	2,393	2,911
6225 Workers Compensation	32,747	29,029	32,432	32,251	34,765	36,391
6230 Vacation leave	21,800	11,868	(1,766)	16,474	14,929	18,588
6235 Sick leave	(54,948)	2,871	2,710	18,125	20,278	20,452
6250 Miscellaneous personnel benefits	-	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(116,103)	-	(72,781)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>1,838,623</b>	<b>1,675,227</b>	<b>1,875,632</b>	<b>1,934,475</b>	<b>2,036,831</b>	<b>2,210,616</b>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	76	500
7110 Dues & memberships	941	548	465	930	810	400
7120 Office supplies	3,651	3,028	2,770	3,000	1,270	2,000
7130 Postage/shipping charges	1,206	520	1,219	800	599	500
7140 Training expenses	11,404	16,796	16,603	10,000	21,465	20,217
7145 Travel expenses	6,279	-	2,843	3,500	(25)	6,800
7180 Utilities - departmental	1,998	2,091	1,334	2,000	1,541	1,400
7225 Safety supplies	25,160	21,374	6,399	15,000	10,393	12,000
7290 Chemicals - sodium chloride	-	-	-	-	-	-
7299 Other materials & supplies	406,403	447,109	477,433	410,000	477,702	450,000
7304 Hurricane Preparedness Expenses	313,809	225,399	271,690	280,000	268,335	250,000
7305 ERCOT expenses	114,649	127,235	109,944	133,500	126,429	120,000
7310 Federal, state, & local fees	696	745	250	750	264	200
7315 Food, meals, ice, water	2,529	342	2,477	500	2,148	900
7325 Rental of equip/storage/land	163	491	1,151	1,000	1,979	2,000
7335 Wearing apparel & dry goods	8,184	11,930	11,465	10,000	12,822	9,000
7415 Fuels & lubricants	25,563	31,312	43,116	30,000	52,825	36,000
7501 Maint. of buildings & structures	12,151	13,716	11,126	15,000	4,312	13,000
7505 Maint. of communication equipment	3,361	514	-	5,000	1,517	1,000
7515 Maint. of major equipment	-	-	-	-	-	-
7605 Engineering fees	-	59,438	-	50,000	19,529	125,000
7635 Software maintenance service fees	63,965	90,774	110,805	95,000	135,311	195,000
7645 Maintenance services	186,711	256,532	400,694	300,000	380,091	329,000
7801 Communication equipment	11,276	5,032	381	5,000	2,200	2,000
7805 Computer equipment	18,183	23,042	19,304	20,000	11,274	30,000
7806 Software licenses-new	27,177	6,920	7,698	26,000	12,210	30,000
7820 Office furniture & equipment	4,720	900	673	-	-	-
7899 Other minor tools & equipment	19,679	16,320	20,955	20,000	20,378	18,000
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>1,269,856</b>	<b>1,362,105</b>	<b>1,520,794</b>	<b>1,436,980</b>	<b>1,565,377</b>	<b>1,654,917</b>
	<b>3,108,479</b>	<b>3,037,332</b>	<b>3,396,426</b>	<b>3,371,455</b>	<b>3,602,208</b>	<b>3,865,533</b>



Department Responsibility:	<u>Vacant</u>
Title:	<u>Director of Power Supply</u>
Telephone Ext:	
Dept. No:	<u>2215</u>

**PERFORMANCE MEASURES  
FOR THE  
Power Supply Department**

**Department Function:**

The Power Supply department is responsible for optimizing BPUB's physical and financial portfolio within the ERCOT market, long-term integrated resource planning, BPUB's bulk electric system operations consistent with ERCOT protocols, and compliance with NERC standards.

**Department Goals/Objectives:**

The objective of the Power Supply department is to ensure power availability for our retail customers when they need it at an affordable and predictable price.

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ -	\$ -	\$ 57,050	\$ 186,472
6201 T.M.R.S.	-	-	-	-	10,200	34,404
6205 F.I.C.A.	-	-	-	-	3,462	11,561
6210 Medicare	-	-	-	-	810	2,704
6214 Dental Insurance	-	-	-	-	229	729
6215 Hospitalization insurance	-	-	-	-	4,546	15,808
6220 Life Insurance	-	-	-	-	44	195
6221 Long Term Disability Insurance	-	-	-	-	73	373
6225 Workers Compensation	-	-	-	-	1,444	4,662
6230 Vacation leave	-	-	-	-	-	2,381
6235 Sick leave	-	-	-	-	-	2,620
6242 Auto Benefits	-	-	-	-	577	7,500
6243 Telephone Benefits	-	-	-	-	129	1,680
6260 Vacancy Savings	-	-	-	-	-	(9,324)
<i>O&amp;M PERSONNEL TOTAL</i>	-	-	-	-	78,563	261,765

## DEPARTMENT 2215 – POWER SUPPLY

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	200
7110 Dues & memberships	-	-	-	-	299	500
7120 Office supplies	-	-	-	-	-	200
7130 Postage/shipping charges	-	-	-	-	-	100
7140 Training expenses	-	-	-	-	1,075	875
7145 Travel expenses	-	-	-	-	2,062	2,750
7299 Other materials & supplies	-	-	-	-	-	100
7315 Food, meals, ice, water	-	-	-	-	-	250
7325 Rental of equip/storage/land	-	-	-	-	-	500
7335 Wearing apparel & dry goods	-	-	-	-	-	-
7601 Legal Fees	-	-	-	-	-	1,500
7805 Computer equipment	-	-	-	-	-	1,500
7806 Software licenses-new	-	-	-	-	-	500
<i>O&amp;M NON-PERSONNEL TOTAL</i>	-	-	-	-	3,436	8,975
	-	-	-	-	81,999	270,740



Department Responsibility: Rolando Lozano, P.E.  
 Title: Power Plant Manager  
 Telephone Ext: 6404  
 Dept. No. 2220

**PERFORMANCE MEASURES  
FOR THE  
POWER PRODUCTION DEPARTMENT**

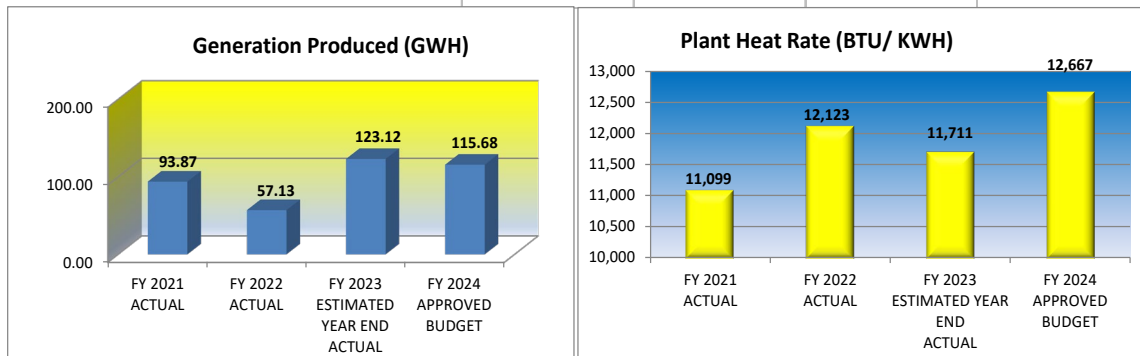
**Department Function:**

This department is responsible for the operation of the Brownsville PUB wholly owned Silas Ray Power Station. It also administers and tracks 22.742% share of BPUB interest in the Calpine, Hidalgo Energy Center, a combined cycle operation located in Edinburg, Texas. In total, this department oversees the production aspect of approximately 223 megawatts in generating capacity.

**Department Goals/Objectives:**

Department goals are to improve demand and availability for production through improved performance and efficiency.

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
<b>INPUT MEASURES</b>				
Employees (FTE's)	27	28	24	28
Overtime (Hours)	3,322	-	-	-
O&M Personnel Expenses	\$ 2,327,999	\$ 2,471,183	\$ 2,458,143	\$ 2,814,586
O&M Non-Personnel Expenses	\$ 4,329,544	\$ 6,086,873	\$ 2,570,974	\$ 9,197,077
<b>OUTPUT MEASURES</b>				
Generation Produced (GWH)	93.87	57.13	123.12	115.68
Availability (%)	66.43%	49.89%	66.13%	69.97%
<b>OUTCOME MEASURES - Silas Ray</b>				
Revenue, Gross	\$ 10,748,115	\$ 6,775,618	\$ 15,833,232	\$ 13,974,303
Other Revenue (\$ for Contract Services)	\$ -	\$ -	\$ -	\$ -
<b>EFFICIENCY MEASURES</b>				
Plant Heat Rate (BTU/ KWH)	11,099	12,123	11,711	12,667
Reliability (%)	68.15%	96.22%	91.69%	91.69%



## DEPARTMENT 2220 - POWER PRODUCTION

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 282,195	\$ 313,687	\$ 229,718	\$ 251,805	\$ 205,266	\$ 235,706
6105 Administrative Staff	115,541	142,548	149,504	149,094	160,512	175,053
6110 Clerical staff	26,351	27,182	16,352	27,082	32,649	38,334
6115 Operational staff	1,042,137	896,339	1,022,412	1,074,486	1,147,936	1,340,290
6130 Overtime	93,824	188,884	247,401	189,506	233,239	185,679
6140 Severance Pay	-	4,230	-	-	-	-
6201 T.M.R.S.	279,945	283,974	304,752	256,056	315,171	330,141
6205 F.I.C.A.	94,253	93,994	103,066	93,153	106,214	110,942
6206 Suta	-	179	-	-	-	-
6210 Medicare	22,043	21,982	24,104	21,786	24,840	25,946
6214 Dental Insurance	16,772	15,250	14,120	17,249	14,441	15,999
6215 Hospitalization insurance	280,981	287,672	280,528	342,659	288,723	347,638
6220 Life Insurance	1,290	1,191	1,147	1,736	1,272	2,023
6221 Long Term Disability Insurance	2,763	2,563	2,488	3,005	2,777	3,579
6225 Workers Compensation	40,556	40,129	43,699	37,562	45,061	44,735
6230 Vacation leave	31,182	24,766	19,818	19,187	(6,611)	22,850
6235 Sick leave	(75,299)	(16,569)	12,073	21,110	48,722	25,141
6260 Vacancy Savings	-	-	-	(135,222)	-	(89,469)
<i>O&amp;M PERSONNEL TOTAL</i>	<i>2,254,534</i>	<i>2,327,999</i>	<i>2,471,183</i>	<i>2,370,254</i>	<i>2,620,211</i>	<i>2,814,586</i>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	-
7110 Dues & memberships	320	140	110	300	1,134	1,500
7120 Office supplies	655	2,174	1,116	1,400	1,108	1,000
7130 Postage/shipping charges	1,941	5,156	6,680	10,000	5,702	10,000
7140 Training expenses	2,705	9,250	-	15,500	16,625	25,500
7145 Travel expenses	5,168	624	4,538	15,000	26,551	20,000
7180 Utilities - departmental	231,303	210,509	122,602	150,000	221,027	160,000
7215 Laundry & janitorial supplies	1,396	2,129	1,619	2,000	2,264	1,900
7225 Safety supplies	8,538	13,674	(108)	8,000	3,874	6,000
7293 Chemicals - other	113,483	68,000	62,239	69,000	173,733	109,000
7299 Other materials & supplies	17,442	20,167	18,130	22,600	24,562	28,700
7310 Federal, state, & local fees	70	70	2,727	3,800	1,442	3,000
7315 Food, meals, ice, water	973	331	565	700	762	500
7325 Rental of equip/storage/land	8,535	6,147	16,725	20,000	85,911	63,000
7335 Wearing apparel & dry goods	5,093	7,554	11,982	8,000	10,506	8,000
7415 Fuels & lubricants	4,648	7,682	8,734	3,500	8,633	5,400
7501 Maint. of buildings & structures	43,138	52,948	91,236	163,000	142,442	145,264
7505 Maint. of communication equipment	25	1,453	21,346	2,000	-	11,800
7515 Maint. of major equipment	250,313	396,926	589,667	596,000	1,073,576	460,000
7520 Maint. of minor equipment	44,805	16,141	52,540	51,250	66,918	42,000
7525 Maint. of boiler plant	158,775	143,397	575,204	348,000	178,787	2,724,513
7605 Engineering fees	23,917	21,656	-	10,000	69,923	54,000
7635 Software maintenance service fees	56,254	40,422	49,269	50,344	47,486	59,000
7645 Maintenance services	1,671	60,027	256,508	125,500	162,353	227,000
7699 Other services	4,857	10,889	27,769	20,700	24,880	22,300
7731 Pchp - Fixed expenses - Oklaunion	3,805,918	-	-	-	-	-
7732 Pchp - Hidalgo Fixed Operation Fee	3,231,030	3,223,658	4,146,274	4,445,846	5,564,132	5,000,000
7735 Pchp - Regulatory and Contractual	-	-	-	-	-	-
7805 Computer equipment	1,363	-	418	500	136	450
7806 Software licenses-new	4,752	4,752	-	-	-	-
7820 Office furniture & equipment	101	109	5,972	-	1,870	-
7899 Other minor tools & equipment	7,314	3,560	13,009	8,500	2,085	7,250
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<i>8,036,504</i>	<i>4,329,544</i>	<i>6,086,873</i>	<i>6,151,440</i>	<i>7,918,424</i>	<i>9,197,077</i>
	10,291,038	6,657,543	8,558,056	8,521,694	10,538,635	12,011,663





Department Responsibility: Arnulfo Mejia

Title: Substations & Relaying Manager

Telephone Ext: 6327

Dept. No: 2310

### PERFORMANCE MEASURES FOR THE ELECTRIC METER SHOP DEPARTMENT

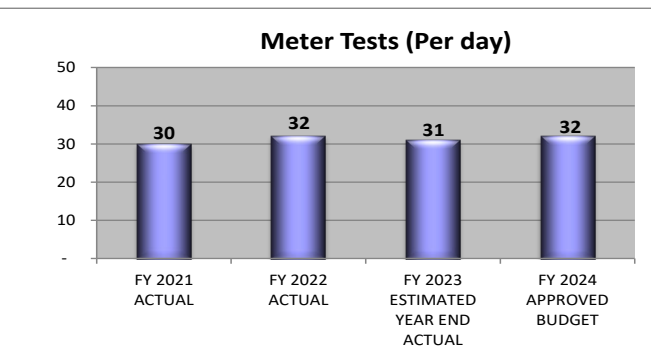
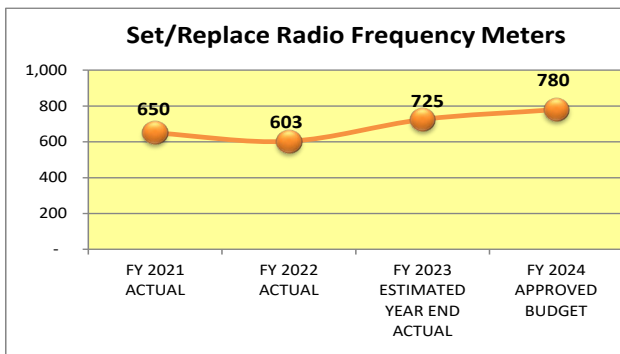
#### Department Function:

The Electric Meter Shop Department is responsible for the installation, maintenance, and repair of electric meters. The department investigates high and low voltage complaints by installing voltage and current measuring devices. They test, repair, and maintain electric meters and current potential transformers. The Electric Meter Shop checks on reported electric meter tampering cases, makes service connections and disconnections, and performs other related work as required.

#### Department Goals/Objectives:

The Electric Meter Shop objectives are to assure that BPUB's metering systems are kept up to accuracy standards, maintain meter testing programs and timely complete meter-related service orders.

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
<b>INPUT MEASURES</b>				
Staff	8	7	7	7
ERCOT TDSP Meters	8	8	8	8
Total O&M Expenses	\$ 679,860	\$ 685,494	\$ 688,268	\$ 771,526
<b>OUTPUT MEASURES</b>				
Install/ Maintain CT Rated Demand Meters	325	80	70	80
Meter Investigation	2,100	2,816	3,000	3,100
Set/Replace Radio Frequency Meters	650	603	725	780
Total Meter Tests	7,200	7,874	7,650	7,762
Total Service Orders Resolved	7,200	4,617	5,100	5,400
<b>OUTCOME MEASURES</b>				
Comply With ERCOT	Yes	Yes	Yes	Yes
<b>EFFICIENCY MEASURES</b>				
Meter Tests (Per day)	30	32	31	32
Service Orders Closed (Per day)	30	20	21	23



## DEPARTMENT 2310 - ELECTRIC METER SHOP

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6105 Administrative Staff	\$ 53,076	\$ 52,931	\$ 30,179	\$ 53,622	\$ -	\$ -
6115 Operational staff	258,785	232,204	238,353	262,746	288,658	336,565
6130 Overtime	8,615	4,188	9,783	9,389	10,773	19,417
6201 T.M.R.S.	58,402	51,979	50,049	55,681	52,771	62,096
6205 F.I.C.A.	19,303	16,660	16,076	19,615	17,076	20,867
6206 Suta	-	-	-	-	-	-
6210 Medicare	4,515	3,896	3,760	4,587	3,994	4,880
6214 Dental Insurance	4,126	3,924	4,066	4,924	4,169	4,290
6215 Hospitalization insurance	77,863	80,395	85,510	104,576	83,447	93,869
6220 Life Insurance	280	271	252	386	268	397
6221 Long Term Disability Insurance	479	446	409	527	429	532
6225 Workers Compensation	8,286	7,297	7,387	7,909	7,579	8,414
6230 Vacation leave	13,059	6,563	3,559	4,040	3,180	4,298
6235 Sick leave	(42,415)	5,843	(1,473)	4,445	8,140	4,729
6250 Miscellaneous personnel benefits	-	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(28,473)	-	(16,828)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>464,374</b>	<b>466,596</b>	<b>447,912</b>	<b>503,973</b>	<b>480,484</b>	<b>543,526</b>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	322	1,684	-	-	-
7110 Dues & memberships	-	-	97	200	-	100
7120 Office supplies	829	324	392	650	426	400
7130 Postage/shipping charges	45	912	2,072	1,500	2,952	2,500
7135 Telephone expenses	-	95	5,178	-	-	-
7140 Training expenses	-	317	-	3,188	700	1,600
7145 Travel expenses	3,563	-	-	3,000	3,491	1,500
7225 Safety supplies	6,404	6,827	5,982	5,000	2,499	3,500
7299 Other materials & supplies	19,825	76,802	32,269	20,000	31,311	15,000
7315 Food, meals, ice, water	119	-	105	-	294	400
7325 Rental of equip/storage/land	1,913	2,456	316	2,000	348	1,000
7335 Wearing apparel & dry goods	6,087	3,077	3,929	4,000	4,269	4,000
7415 Fuels & lubricants	9,093	11,917	16,886	12,485	16,553	13,000
7501 Maint. of buildings & structures	-	-	-	-	-	-
7505 Maint. of communication equipment	-	-	-	544	645	-
7530 Maint. of electric meters	166,408	105,405	161,503	120,000	168,277	170,000
7599 Maintenance / other	450	-	-	-	-	-
7699 Other services	1,177	-	-	200	6,790	9,000
7801 Communication equipment	-	-	-	-	-	-
7805 Computer equipment	225	282	161	4,350	735	2,000
7806 Software licenses-new	-	-	-	450	-	-
7820 Office furniture & equipment	-	-	-	-	-	-
7835 Tools, shop and garage equipment	835	59	-	-	-	-
7899 Other minor tools & equipment	2,784	4,471	7,010	7,000	2,744	4,000
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>219,759</b>	<b>213,264</b>	<b>237,582</b>	<b>184,567</b>	<b>242,033</b>	<b>228,000</b>
	<b>684,133</b>	<b>679,860</b>	<b>685,494</b>	<b>688,540</b>	<b>722,517</b>	<b>771,526</b>



Department Responsibility: **Eliazar Perez, P.E.**  
 Title: **Engineering & Planning Manager**

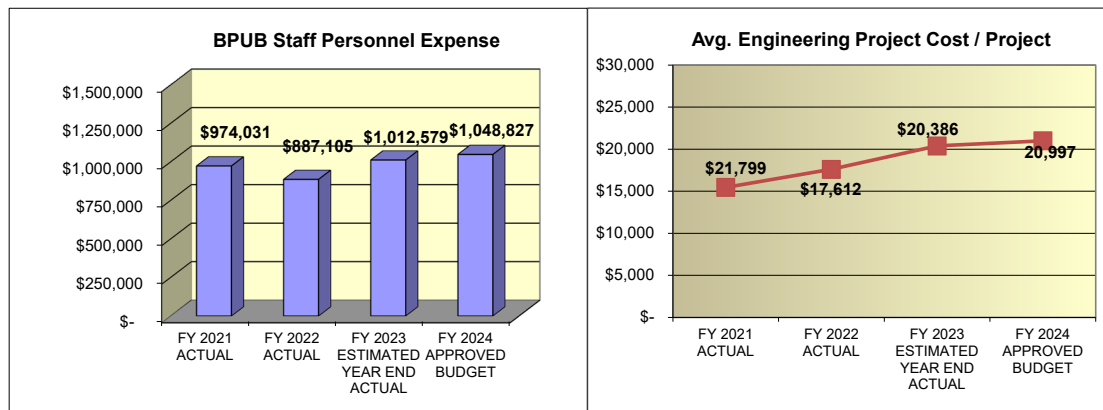
Telephone Ext: **6258**  
 Dept. No: **2410**

**PERFORMANCE MEASURES  
 FOR THE  
 ELECTRIC ENGINEERING DEPARTMENT**

**Department Function:**  
 To provide engineering, planning, and design for new and existing customers.

**Department Goals/Objectives:**  
 Will meet or exceed industry standard for design and maintenance of Electrical System.

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
<b>INPUT MEASURES</b>				
O&M Personnel Expenses	\$ 974,031	\$ 887,105	\$ 1,012,579	\$ 1,048,827
O&M Non-Personnel Expenses	\$ 1,235,729	\$ 1,697,494	\$ 1,202,800	\$ 2,212,348
<b>OUTPUT MEASURES</b>				
Number of Customers (based on Work Orders)	253	390	192	198
Number of Street Lights	42	38	29	30
Number of Trees Trimmed	8,425	8,425	7,007	7,217
Number of Trouble Calls Completed	1,813	1,008	1,473	1,517
AEP - Magic Valley Conversions	2	-	-	-
<b>OUTCOME MEASURES</b>				
Residential Lots Designed	554	554	670	690
Commercial Lots Designed	52	52	99	102
Substations Designed	2	0	0	1
New Feeders Designed	2	0	1	1
Services Designed in Multi-Certified Areas	85	85	26	27
<b>EFFICIENCY MEASURES</b>				
Customers per Employee (year)	20.00	20.00	20.00	20
Work Order Accuracy	95%	95%	95%	95%
System Losses (MWH Purchased- MWH Sold)	5.28%	5.53%	8.03%	8.03%
Avg. Engineering Project Cost / Project	\$ 15,462	\$ 17,612	\$ 20,386	20,997



## DEPARTMENT 2410 - ELECTRIC ENGINEERING

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 84,106	\$ 83,768	\$ 87,412	\$ 87,173	\$ 85,868	\$ 96,002
6105 Administrative Staff	542,923	503,516	393,194	491,997	606,493	584,268
6110 Clerical staff	58,343	52,104	89,622	78,212	74,807	69,480
6130 Overtime	167	292	480	508	472	494
6201 T.M.R.S.	134,184	135,490	117,297	115,699	144,475	138,329
6205 F.I.C.A.	41,846	41,895	36,818	40,758	47,491	46,485
6210 Medicare	9,787	9,798	8,611	9,532	11,107	10,871
6214 Dental Insurance	6,714	6,082	4,968	5,963	5,368	4,856
6215 Hospitalization insurance	105,048	104,136	87,732	106,094	94,650	93,122
6220 Life Insurance	603	556	463	755	645	841
6221 Long Term Disability Insurance	1,311	1,213	1,009	1,315	1,427	1,500
6225 Workers Compensation	17,567	17,323	15,115	16,435	19,186	18,744
6230 Vacation leave	11,580	8,009	33,474	8,395	(15,604)	9,574
6235 Sick leave	(70,889)	9,850	10,910	9,236	8,847	10,534
6240 Educational assistance	3,133	-	-	-	-	-
6250 Miscellaneous personnel benefits	7,092	-	-	1,215	-	1,215
6260 Vacancy Savings	-	-	-	(59,164)	-	(37,488)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>953,514</b>	<b>974,031</b>	<b>887,105</b>	<b>914,122</b>	<b>1,085,231</b>	<b>1,048,827</b>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	411	-	287	-	-	-
7110 Dues & memberships	2,403	1,266	1,349	2,000	1,447	1,500
7120 Office supplies	2,863	3,416	2,510	2,600	2,589	3,000
7130 Postage/shipping charges	2,169	3,992	1,741	2,500	1,582	1,700
7135 Telephone expenses	234	28	-	-	563	-
7140 Training expenses	6,200	8,460	21,770	15,970	19,330	23,000
7145 Travel expenses	11,892	-	7,781	15,000	9,980	7,500
7203 Sand, Caliche, Gravel, Concrete etc	-	-	-	300	-	-
7210 Landscaping/Trade a Tree Program	275	75	-	250	75	-
7225 Safety supplies	926	516	1,543	1,000	590	900
7299 Other materials & supplies	16,466	766	872	1,000	4,660	1,250
7315 Food, meals, ice, water	542	-	437	-	595	350
7325 Rental of equip/storage/land	2,949	3,211	2,405	3,500	1,126	2,500
7335 Wearing apparel & dry goods	-	294	338	500	750	500
7415 Fuels & lubricants	2,984	3,243	4,238	3,300	6,423	5,500
7505 Maint. of communication equipment	24	1,700	38	500	-	100
7565 Maint. of street lighting & signals	64,719	32,742	22,175	17,000	14,508	17,250
7570 Maint. of underground lines	210,217	203,132	419,444	310,200	275,228	385,200
7599 Maintenance / other	-	-	-	-	-	-
7601 Legal Fees	23,079	20,134	15,248	22,630	19,473	15,000
7605 Engineering fees	27,026	13,466	56,995	100,000	-	75,000
7630 Construction contractor services	70,757	188,852	394,874	360,000	451,146	466,225
7635 Software maintenance service fees	43,280	43,400	58,472	50,100	51,675	55,900
7645 Maintenance services	1,173	-	-	-	-	-
7699 Other services	585,416	704,821	663,206	701,493	851,935	1,108,373
7805 Computer equipment	428	932	120	13,410	-	21,000
7806 Software licenses-new	3,600	-	21,450	1,488	9,019	20,000
7820 Office furniture & equipment	-	-	-	-	-	-
7835 Tools, shop and garage equipment	-	108	-	100	-	-
7899 Other minor tools & equipment	2,538	1,173	204	1,500	1,245	600
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>1,082,570</b>	<b>1,235,729</b>	<b>1,697,494</b>	<b>1,626,341</b>	<b>1,723,939</b>	<b>2,212,348</b>
	<b>2,036,084</b>	<b>2,209,760</b>	<b>2,584,599</b>	<b>2,540,463</b>	<b>2,809,170</b>	<b>3,261,175</b>



Department Responsibility: Marie C. Leal, P.E.  
 Title: Director of Special Projects and W/WW Engineering-Planning  
 Telephone Ext: 6275  
 Dept. No: 3110

**PERFORMANCE MEASURES  
FOR THE  
WATER & WASTEWATER ENGINEERING, PLANNING & OPERATIONS DEPARTMENT**

**Department Function:**

The department's function is to oversee the entire Special Project and Water & Wastewater Engineering-Planning Division and ensure departmental personnel have the resources available to perform their day-to-day functions. We forecast and plan needed improvements to our system that include Engineering, Capital Improvement and projected growth. Available funding is budgeted and forecasted in accordance with prioritized project and system needs.

**Department Goals/Objectives:**

To provide staff with the resources (tools and funding) to make the necessary improvements to the water and wastewater systems to make them more efficient and provide a better quality product and service while keeping operational costs down. To project future needs and take the necessary steps in order to minimize the impact on the system and community while maximizing the return on our investments.

**Note:**

See Departments:

-3310-W/WW Engineering	-7150-Fleet Management
-3135-Resaca Maintenance	-7160-Facilities Maintenance
-3140-Raw Water Supply	-7175-Facilities Maintenance-FM511
-3315-W/WW Project Development	-7175-Facilities Maintenance-Annex

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 134,982	\$ 102,507	\$ 108,435	\$ 106,995	\$ 161,460	\$ 231,891
6105 Administrative Staff	-	-	-	-	-	116,875
6110 Clerical staff	37,045	36,350	38,688	37,835	29,784	42,099
6130 Overtime	366	753	1,301	1,091	1,278	1,093
6201 T.M.R.S.	40,973	24,930	26,039	25,490	34,444	72,115
6205 F.I.C.A.	10,766	8,068	8,606	8,979	11,869	24,234
6210 Medicare	2,518	1,887	2,013	2,100	2,776	5,668
6214 Dental Insurance	1,327	1,167	1,166	1,293	993	2,050
6215 Hospitalization insurance	26,634	27,366	27,236	28,866	22,481	41,817
6220 Life Insurance	142	118	118	162	145	422
6221 Long Term Disability Insurance	316	264	267	290	295	782
6225 Workers Compensation	4,643	3,512	3,711	3,621	4,884	9,772
6230 Vacation leave	7,786	3,194	591	1,849	17,728	3,499
6235 Sick leave	40,104	3,305	(1,099)	2,035	17,138	3,850
6242 Auto Benefits	5,192	-	-	7,500	2,308	7,500
6243 Telephone Benefits	1,163	-	-	1,680	517	1,680
6260 Vacancy Savings	-	-	-	(13,035)	-	(13,700)
<i>O&amp;M PERSONNEL TOTAL</i>	<i>313,958</i>	<i>213,420</i>	<i>217,071</i>	<i>216,753</i>	<i>308,100</i>	<i>551,646</i>

**DEPARTMENT 3110 - WATER & WASTEWATER ENGINEERING, PLANNING & OPERATIONS**

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	278	-	-	-	-	-
7110 Dues & memberships	6,506	7,300	7,348	7,870	7,764	7,400
7120 Office supplies	431	844	1,378	1,200	1,177	1,200
7130 Postage/shipping charges	51	42	-	100	-	-
7140 Training expenses	740	1,300	420	2,445	25	1,465
7145 Travel expenses	1,574	879	1,091	3,920	611	3,267
7225 Safety supplies	-	43	-	-	-	-
7315 Food, meals, ice, water	160	-	947	-	2,251	1,400
7325 Rental of equip/storage/land	-	-	1,001	1,500	5,352	6,200
7415 Fuels & lubricants	242	803	1,791	1,700	1,683	-
7601 Legal Fees	12,290	1,653	-	2,000	21,539	13,600
7699 Other services	233	818	1,339	1,680	739	1,000
7805 Computer equipment	170	140	109	500	-	1,000
7806 Software licenses-new	-	-	-	-	-	4,000
7820 Office furniture & equipment	311	27	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	22,985	13,848	15,425	22,915	41,140	40,532
	336,943	227,268	232,496	239,668	349,240	592,178



Department Responsibility: Daniel Tamez

Title: W/WW Operator Chief

Telephone Ext: 6471

Dept. No: 3120

**PERFORMANCE MEASURES  
FOR THE  
WATER PLANT I DEPARTMENT**

**Department Function:**

Water Plant No. 1 is responsible for producing and delivering safe and aesthetically pleasing drinking water at adequate pressures in the water distribution system.

**Department Goals/Objectives:**

Water Plant No. 1's objective is to cost-effectively produce high quality drinking water that meets state and federal Drinking Water Standards and reporting requirements.

**INPUT MEASURES**

Employees (FTE's)

Total O&M Expenses

Gallons of Raw Water Used (in millions)

**OUTPUT MEASURES**

Gallons of Water Treated (in millions)

No. of Water Customers Served

**OUTCOME MEASURES**

Compliance With Primary Water Standards

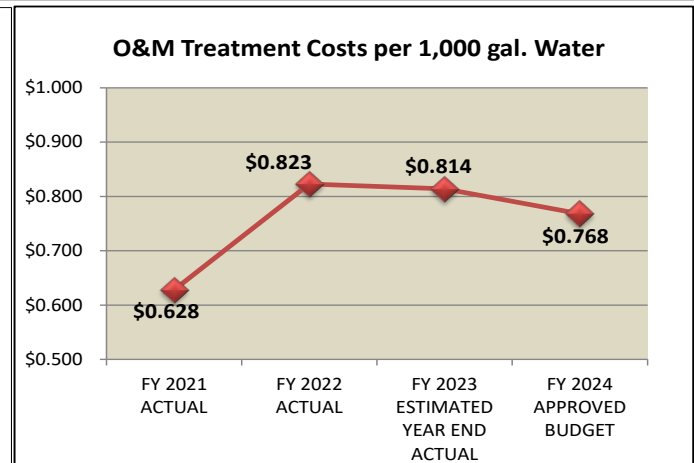
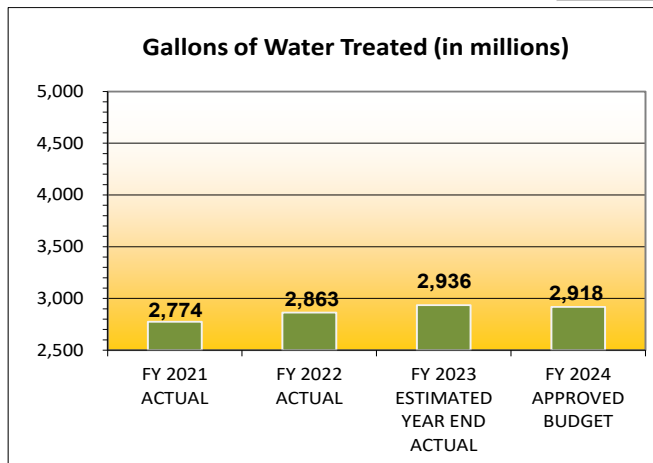
Compliance With State Reporting Requirements

Completion of Oper. Reports Within 10 Days (%)

**EFFICIENCY MEASURES**

O&M Treatment Costs Per 1,000 gal. Water

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
9	10	7	7
\$ 1,798,390	\$ 2,430,487	\$ 2,499,258	\$ 2,956,241
2,863	2,953	3,070	3,064
2,774	2,863	2,936	2,918
55,354	56,422	57,511	65,995
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
100%	100%	100%	100%
\$ 0.628	\$ 0.823	\$ 0.814	\$ 0.768



## DEPARTMENT 3120 - WATER PLANT I

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 124,179	\$ 120,033	\$ 127,707	\$ 129,132	\$ 124,887	\$ 148,606
6110 Clerical staff	7,419	7,991	18,121	30,763	22,606	34,549
6115 Operational staff	255,619	256,597	290,786	323,024	293,161	417,123
6130 Overtime	28,270	30,108	(4,580)	16,091	28,173	17,513
6201 T.M.R.S.	74,801	73,730	84,612	84,994	82,608	110,751
6205 F.I.C.A.	25,412	24,733	29,004	29,941	28,189	37,217
6206 Suta	-	381	-	-	-	-
6210 Medicare	5,943	5,784	6,783	7,002	6,593	8,704
6214 Dental Insurance	5,394	5,047	4,592	6,015	4,470	5,448
6215 Hospitalization insurance	83,387	92,945	88,168	115,200	86,754	114,530
6220 Life Insurance	363	363	364	567	384	693
6221 Long Term Disability Insurance	734	726	766	966	816	1,201
6225 Workers Compensation	10,706	10,416	12,096	12,073	11,734	15,007
6230 Vacation leave	11,264	(7,920)	16,675	6,167	(3,412)	7,666
6235 Sick leave	(28,371)	767	46,597	6,785	(7,697)	8,434
6260 Vacancy Savings	-	-	-	(43,463)	-	(30,014)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>605,118</b>	<b>621,699</b>	<b>721,690</b>	<b>725,257</b>	<b>679,265</b>	<b>897,427</b>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	-
7110 Dues & memberships	1,560	1,224	786	1,500	786	1,200
7120 Office supplies	296	300	735	600	463	500
7130 Postage/shipping charges	17	1,427	-	1,000	-	200
7140 Training expenses	470	2,425	3,701	2,000	619	1,350
7145 Travel expenses	437	-	1,170	2,000	1,407	1,000
7180 Utilities - departmental	185,206	173,206	228,669	195,000	260,449	190,000
7225 Safety supplies	2,603	1,626	1,757	2,500	927	2,200
7280 Chemicals - activated carbon	35,759	27,860	20,372	92,924	39,984	77,000
7281 Chemicals - ammonia	43,612	30,932	40,586	134,388	108,605	98,000
7282 Chemicals - caustic soda	61,923	54,527	79,565	181,010	118,675	118,000
7283 Chemicals - chlorine	86,931	81,396	136,502	277,704	228,176	250,300
7284 Chemicals - coagulant	426,474	448,476	760,657	855,499	810,973	788,700
7290 Chemicals - sodium chloride	33,600	86,506	57,300	137,700	108,524	63,700
7293 Chemicals - other	1,064	1,053	884	2,408	-	2,100
7299 Other materials & supplies	34,394	31,744	33,199	36,000	30,719	35,800
7315 Food, meals, ice, water	172	-	90	-	90	90
7325 Rental of equip/storage/land	62,495	106,329	116,322	117,900	126,524	106,700
7335 Wearing apparel & dry goods	1,200	2,897	2,052	3,000	2,346	2,200
7415 Fuels & lubricants	1,457	839	1,049	1,500	2,911	1,000
7520 Maint. of minor equipment	10,963	9,257	13,932	10,500	2,900	9,000
7580 Maint. of reservoirs	44,030	2,024	97,608	150,000	13,777	70,000
7605 Engineering fees	-	-	6,805	15,000	-	10,000
7630 Construction contractor services	-	37,095	32,069	25,000	19,740	40,000
7645 Maintenance services	63,694	36,248	21,718	44,000	50,186	113,000
7699 Other services	7,404	2,090	37,749	10,700	19,750	15,000
7810 Laboratory equipment	18,131	11,239	5,005	9,000	1,417	6,000
7820 Office furniture & equipment	373	-	845	-	330	500
7830 Pumping equipment	255	383	268	500	-	400
7840 Water treatment equipment	34,668	25,216	6,175	15,000	54,795	54,474
7899 Other minor tools & equipment	413	373	1,226	500	244	400
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>1,159,601</b>	<b>1,176,691</b>	<b>1,708,797</b>	<b>2,324,833</b>	<b>2,005,315</b>	<b>2,058,814</b>
	<b>1,764,719</b>	<b>1,798,390</b>	<b>2,430,487</b>	<b>3,050,090</b>	<b>2,684,580</b>	<b>2,956,241</b>





Department Responsibility: **Robert Rojas**

Title: **W/WW Operator Chief**

Telephone Ext: **6685**

Dept. No: **3130**

**PERFORMANCE MEASURES  
FOR THE  
WATER PLANT II DEPARTMENT**

**Department Function:**

Water Plant No. 2 is responsible for producing and delivering safe and aesthetically pleasing drinking water at adequate pressures in the water distribution system.

**Department Goals/Objectives:**

Water Plant No. 2's objective is to cost-effectively produce high quality drinking water that meets state and federal Drinking Water Standards and reporting requirements.

**INPUT MEASURES**

Employees (FTE's)

Total O&M Expenses

Gallons of Raw Water Used (in millions)

**OUTPUT MEASURES**

Gallons of Water Treated (in millions)

No. of Water Customers Served

**OUTCOME MEASURES**

Compliance With Primary Water Standards

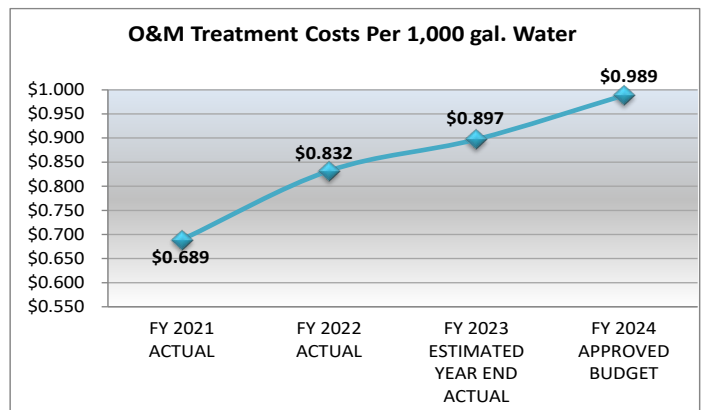
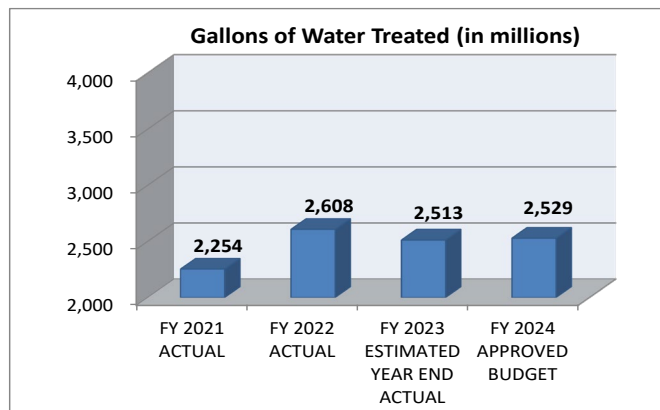
Compliance With State Reporting Requirements

Completion of Oper. Reports Within 10 Days (%)

**EFFICIENCY MEASURES**

O&M Treatment Costs Per 1,000 gal. Water

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
Employees (FTE's)	8	7	8	8
Total O&M Expenses	\$ 1,549,756	\$ 2,232,569	\$ 2,326,248	\$2,576,911
Gallons of Raw Water Used (in millions)	2,479	2,683	2,592	2,606
Gallons of Water Treated (in millions)	2,254	2,608	2,513	2,529
No. of Water Customers Served	55,354	56,422	57,510	65,995
Compliance With Primary Water Standards	Yes	Yes	Yes	Yes
Compliance With State Reporting Requirements	Yes	Yes	Yes	Yes
Completion of Oper. Reports Within 10 Days (%)	100%	100%	100%	100%
O&M Treatment Costs Per 1,000 gal. Water	\$ 0.689	\$ 0.832	\$ 0.897	\$ 0.989



## DEPARTMENT 3130 - WATER PLANT II

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 97,989	\$ 99,684	\$ 58,507	\$ 61,734	\$ 65,239	\$ 126,880
6110 Clerical staff	-	-	-	-	441	-
6115 Operational staff	172,635	173,940	269,564	265,949	340,814	290,160
6130 Overtime	16,888	24,018	9,230	19,022	13,804	19,017
6140 Severance Pay	-	-	5,023	-	-	-
6201 T.M.R.S.	50,290	52,887	61,745	57,672	74,056	76,944
6205 F.I.C.A.	16,944	17,718	21,076	20,316	25,264	25,856
6206 Suta	-	-	-	-	-	-
6210 Medicare	3,963	4,144	4,929	4,751	5,909	6,047
6214 Dental Insurance	4,408	4,101	3,942	4,316	4,546	4,501
6215 Hospitalization insurance	66,753	68,844	73,976	81,370	85,692	92,447
6220 Life Insurance	257	257	278	388	356	486
6221 Long Term Disability Insurance	505	504	574	655	750	834
6225 Workers Compensation	7,197	7,470	8,744	8,192	10,507	10,426
6230 Vacation leave	3,762	546	5,827	4,185	8,155	5,326
6235 Sick leave	(28,024)	(3,800)	11,500	4,604	2,102	5,859
6260 Vacancy Savings	-	-	-	(29,491)	-	(20,852)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>413,565</b>	<b>450,313</b>	<b>534,917</b>	<b>503,663</b>	<b>637,636</b>	<b>643,931</b>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	-
7110 Dues & memberships	457	783	750	650	303	500
7120 Office supplies	544	429	258	450	266	400
7130 Postage/shipping charges	-	208	19	400	-	100
7140 Training expenses	1,540	3,569	2,240	2,000	540	1,100
7145 Travel expenses	126	815	-	500	-	250
7180 Utilities - departmental	280,228	288,648	350,605	302,291	359,656	300,000
7190 Utilities - CP&L & Mvec	1,923	1,885	1,900	2,090	1,798	1,800
7225 Safety supplies	3,069	1,995	754	1,500	547	1,250
7280 Chemicals - activated carbon	18,210	30,233	85,546	136,092	74,909	111,126
7281 Chemicals - ammonia	35,774	30,972	39,246	87,028	78,280	87,443
7282 Chemicals - caustic soda	48,758	54,926	54,600	150,000	82,692	113,487
7283 Chemicals - chlorine	66,870	68,022	127,074	258,912	193,958	249,082
7284 Chemicals - coagulant	246,471	224,059	484,002	756,047	552,300	493,795
7290 Chemicals - sodium chloride	93,680	67,694	149,627	252,496	108,856	160,693
7293 Chemicals - other	1,085	1,308	1,575	59,034	47,245	2,655
7299 Other materials & supplies	43,738	72,338	81,960	60,980	48,607	59,921
7315 Food, meals, ice, water	95	-	78	-	112	272
7325 Rental of equip/storage/land	56,566	98,298	105,677	109,060	114,078	97,720
7335 Wearing apparel & dry goods	1,089	2,562	1,692	2,624	1,799	2,124
7415 Fuels & lubricants	826	826	1,578	1,147	2,500	1,682
7501 Maint. of buildings & structures	19,920	6,191	9,575	15,000	4,877	54,474
7580 Maint. of reservoirs	41,566	36,785	20,216	33,956	24,758	31,776
7605 Engineering fees	4,310	8,276	2,530	10,000	-	54,474
7630 Construction contractor services	23,241	-	-	-	0	-
7645 Maintenance services	36,187	71,436	135,671	83,000	73,229	75,355
7699 Other services	3,584	7,041	30,283	4,650	58,181	14,344
7810 Laboratory equipment	-	2,087	1,683	8,152	8,984	13,618
7820 Office furniture & equipment	1,549	-	868	-	-	-
7830 Pumping equipment	-	388	289	500	-	453
7899 Other minor tools & equipment	12,638	17,668	7,355	8,750	1,879	3,086
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>1,044,043</b>	<b>1,099,443</b>	<b>1,697,652</b>	<b>2,347,309</b>	<b>1,840,355</b>	<b>1,932,980</b>
	<b>1,457,608</b>	<b>1,549,756</b>	<b>2,232,569</b>	<b>2,850,972</b>	<b>2,477,991</b>	<b>2,576,911</b>



Department Responsibility: **Rene Mariscal**

Title: **Division Manager**

Telephone Ext: **6256**

Dept. No: **3135**

**PERFORMANCE MEASURES  
FOR THE  
RESACA MAINTENANCE DEPARTMENT**

**Department Function:**

The Resaca Maintenance department is responsible for maintaining the City's Resaca system.

**Department Goals/Objectives:**

The Resaca Maintenance Department's objective is to cost-effectively dredge and maintain the City of Brownsville's Resaca System and BPUB's reservoirs in order to increase raw water storage and storm water capacity.

**INPUT MEASURES**

Employees (FTE's)  
Total Dredging Expenses  
Total O&M Expenses

**OUTPUT MEASURES**

Material Dredged (cu-yd)

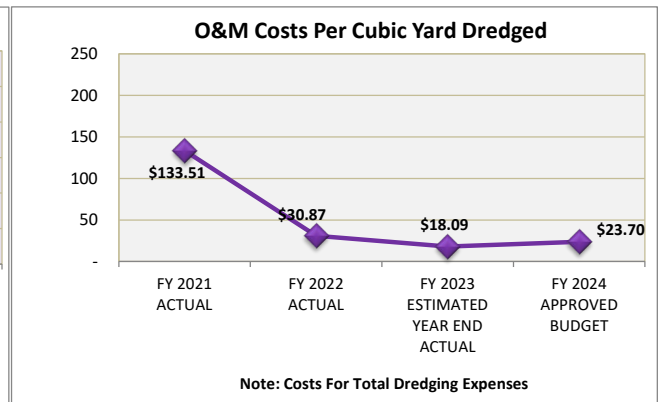
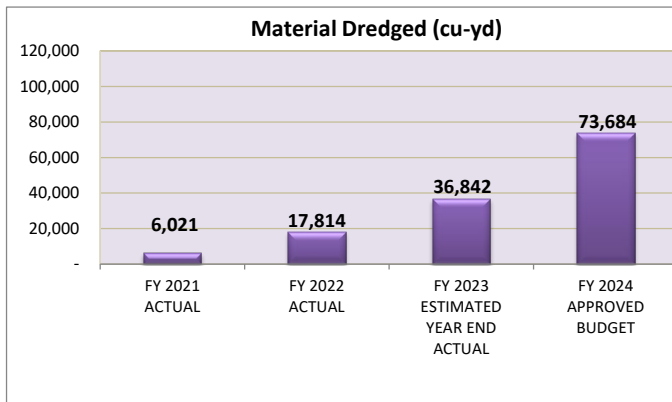
**OUTCOME MEASURES**

Compliance With Environmental Standards  
Completion of Oper. Reports Within 10 Days (%)  
Raw Water Storage Capacity Gained (acre-ft)

**EFFICIENCY MEASURES**

O&M Costs Per Cubic Yard Dredged

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
9	9	20	23
-	-	666,567	1,746,018
\$ 803,887	\$ 549,882	\$ 700,263	\$ 2,657,232
6,021	17,814	36,842	73,684
Yes	Yes	Yes	Yes
100%	100%	100%	100%
4	11	23	46
\$ 133.51	\$ 30.87	\$ 18.09	\$ 23.70



**DEPARTMENT 3135 – RESACA MAINTENANCE**

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 109,798	\$ 138,114	\$ 104,798	\$ 150,530	\$ 45,931	\$ 65,458
6105 Administrative Staff	-	-	-	-	-	75,338
6110 Clerical staff	23,485	24,256	20,062	29,598	9,605	44,678
6115 Operational staff	210,340	195,704	117,432	216,029	56,482	769,870
6130 Overtime	14,403	6,689	(3,953)	20,895	4,609	29,410
6201 T.M.R.S.	63,723	64,782	68,032	69,724	110,394	176,261
6205 F.I.C.A.	21,040	20,804	14,009	24,562	6,875	59,231
6206 Suta	-	-	-	-	-	-
6210 Medicare	4,921	4,865	3,276	5,744	1,608	13,853
6214 Dental Insurance	4,535	4,959	3,011	5,408	1,276	10,882
6215 Hospitalization insurance	84,111	101,733	64,215	116,892	24,554	244,513
6220 Life Insurance	320	345	215	474	97	1,154
6221 Long Term Disability Insurance	647	702	447	792	203	1,911
6225 Workers Compensation	9,177	9,417	6,100	9,904	2,917	23,884
6230 Vacation leave	4,695	2,861	762	5,059	8,637	13,594
6235 Sick leave	(13,352)	(384)	4,230	5,566	(12,402)	14,957
6260 Vacancy Savings	-	-	-	(35,654)	-	(53,228)
6266 RESTORE Offset-Personnel	-	-	-	(675,610)	-	(214,005)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>537,842</b>	<b>574,848</b>	<b>402,636</b>	<b>(50,088)</b>	<b>260,784</b>	<b>1,277,761</b>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	94	-	-	-	-
7110 Dues & memberships	743	225	672	1,659	810	1,514
7120 Office supplies	251	254	799	500	327	500
7130 Postage/shipping charges	50	441	181	250	-	250
7140 Training expenses	960	410	3,588	1,000	1,138	1,645
7145 Travel expenses	3,645	-	2,252	3,000	4,355	4,677
7180 Utilities - departmental	12,387	12,891	14,171	25,200	18,297	25,200
7203 Sand, Caliche, Gravel, Concrete etc	-	8,030	5,949	9,000	9,084	36,000
7225 Safety supplies	5,759	3,625	1,892	5,000	2,636	5,000
7293 Chemicals - other	44,712	46,460	-	158,976	-	158,976
7299 Other materials & supplies	59,325	36,395	32,894	80,000	52,992	446,700
7315 Food, meals, ice, water	198	104	237	-	72,230	300
7325 Rental of equip/storage/land	4,895	6,197	16,848	20,000	209	26,000
7330 Right of way fees	-	-	-	320,000	32,515	320,000
7335 Wearing apparel & dry goods	1,125	1,566	2,350	3,623	8,000	4,700
7415 Fuels & lubricants	9,284	10,607	6,553	236,600	4,749	234,728
7505 Maint. of communication equipment	36	-	-	-	(2,159)	-
7581 Maint. of resacas	1,090	1,744	1,707	10,000	-	10,000
7601 Legal Fees	32,886	4,548	-	30,000	2,240	30,000
7605 Engineering fees	8,000	-	14,498	531,214	1,107	561,214
7645 Maintenance services	201,062	66,688	12,341	20,000	20,054	20,000
7696 RESTORE Offset-Nonpersonnel	-	-	-	(2,428,167)	5,254	(1,487,409)
7699 Other services	10,230	-	28,869	957,675	-	957,675
7801 Communication equipment	457	13,165	-	7,000	30,995	12,121
7805 Computer equipment	327	6,692	36	2,000	334	2,680
7820 Office furniture & equipment	-	387	-	-	-	-
7830 Pumping equipment	1,237	-	140	2,000	-	2,500
7835 Tools, shop and garage equipment	617	6,642	1,270	925	215	4,500
7899 Other minor tools & equipment	-	1,877	-	-	166	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>399,277</b>	<b>229,039</b>	<b>147,246</b>	<b>(2,545)</b>	<b>265,381</b>	<b>1,379,471</b>
	<b>937,119</b>	<b>803,887</b>	<b>549,882</b>	<b>(52,633)</b>	<b>526,165</b>	<b>2,657,232</b>



Department Responsibility: **Rene Mariscal**

Title: **Water Resource Manager**

Telephone Ext: **6256**

Dept. No: **3140**

**PERFORMANCE MEASURES  
FOR THE  
RAW WATER SUPPLY DEPARTMENT**

**Department Function:**

The Raw Water Supply Department is responsible for forecasting water demands and maintenance of reservoir and resaca infrastructure.

**Department Goals/Objectives:**

The Raw Water Department's objective is to maintain sufficient raw water storage levels in the reservoirs and resacas to minimize the cost of purchasing water rights and surface water; and to maintain raw water equipment in a cost-efficient manner and return equipment to operating condition in a cost-effective manner.

**INPUT MEASURES**

Employees (FTE's)

Total O&M Expenses

Certificate M865 Water Rights (acre feet)

**OUTPUT MEASURES**

River Water Diversions to Reservoirs (acre feet)

Raw Water Diversions to Resacas (acre feet)

Certificate M865 Diversions (acre feet)

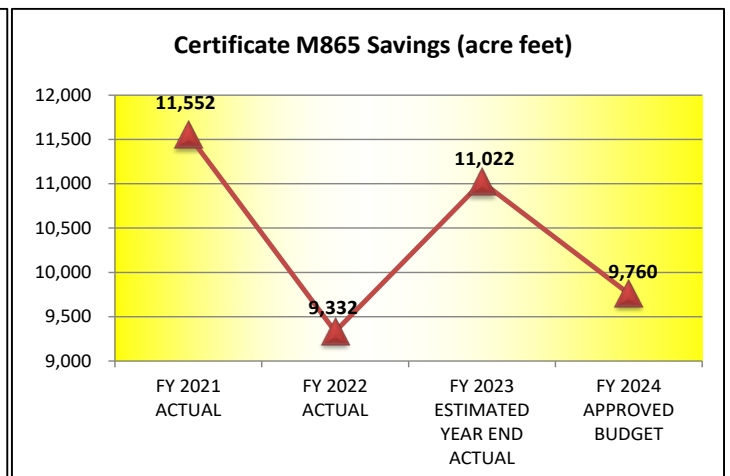
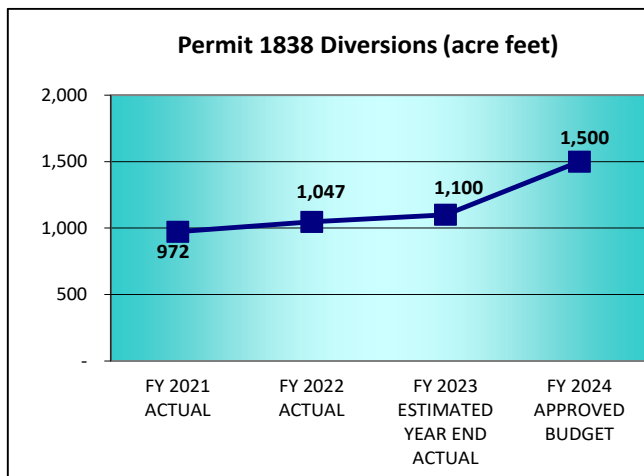
**OUTCOME MEASURES**

Permit 1838 Diversions (acre feet)

**EFFICIENCY MEASURES**

Certificate M865 Savings (acre feet)

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
4	4	4	4
\$ 580,825	\$ 380,549	\$ 544,546	\$ 613,856
31,522	31,522	31,522	31,560
20,163	22,615	20,500	22,000
4,229	5,325	4,000	4,500
19,970	22,190	20,500	21,800
972	1,047	1,100	1,500
11,552	9,332	11,022	9,760



## DEPARTMENT 3140 – RAW WATER SUPPLY

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ 7,860	\$ -	\$ 79,874	\$ 72,134
6110 Clerical staff	-	-	-	-	7,683	-
6115 Operational staff	146,843	99,942	99,694	155,210	105,745	119,080
6130 Overtime	9,993	3,947	(1,864)	5,349	5,103	6,870
6201 T.M.R.S.	27,396	18,422	19,570	27,317	36,559	35,279
6205 F.I.C.A.	9,138	6,022	6,504	9,623	11,651	11,855
6210 Medicare	2,137	1,408	1,521	2,251	2,725	2,773
6214 Dental Insurance	2,258	1,560	1,550	2,136	2,162	1,923
6215 Hospitalization insurance	41,036	33,394	34,963	46,843	48,920	49,714
6220 Life Insurance	140	97	95	190	181	226
6221 Long Term Disability Insurance	274	185	180	310	370	382
6225 Workers Compensation	3,921	2,624	2,814	3,880	5,035	4,780
6230 Vacation leave	1,205	(2,897)	822	1,982	1,107	2,442
6235 Sick leave	(8,805)	(5,000)	1,922	2,181	643	2,687
6260 Vacancy Savings	-	-	-	(13,969)	-	(9,561)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>235,538</b>	<b>159,705</b>	<b>175,631</b>	<b>243,303</b>	<b>307,757</b>	<b>300,584</b>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	59	-	-	-	-	-
7110 Dues & memberships	397	336	336	500	336	728
7120 Office supplies	464	312	167	400	260	363
7130 Postage/shipping charges	14	-	-	25	-	22
7140 Training expenses	1,121	75	790	600	925	1,150
7145 Travel expenses	20	-	-	100	-	110
7180 Utilities - departmental	116,148	118,541	159,239	120,000	164,773	108,948
7190 Utilities - CP&L & Mvec	495	640	1,306	950	348	862
7203 Sand, Caliche, Gravel, Concrete etc	10,515	10,656	5,405	11,000	10,410	11,058
7225 Safety supplies	1,345	1,192	653	1,000	578	907
7251 Purchased of Raw Water	27,778	16,733	12,898	30,000	20,844	18,158
7285 Chemicals - copper sulphate	3,532	-	5,960	3,500	5,960	5,447
7293 Chemicals - other	-	-	-	100	-	90
7299 Other materials & supplies	4,208	2,515	3,016	2,000	4,448	2,269
7315 Food, meals, ice, water	54	17	45	-	71	90
7325 Rental of equip/storage/land	3,819	-	-	1,500	6,097	6,809
7335 Wearing apparel & dry goods	465	469	406	1,200	888	726
7415 Fuels & lubricants	4,318	5,271	8,626	6,000	9,703	5,447
7501 Maint. of buildings & structures	-	-	-	-	-	-
7580 Maint. of reservoirs	94,879	194,861	806	30,000	-	39,856
7581 Maint. of resacas	130,491	42	150	10,000	10,105	16,341
7605 Engineering fees	5,114	3,620	-	5,000	12,750	80,912
7645 Maintenance services	5,293	8,698	-	6,000	304	2,723
7699 Other services	62,891	55,783	4,690	9,000	1,377	2,723
7805 Computer equipment	-	-	-	500	-	453
7820 Office furniture & equipment	-	-	-	-	-	-
7830 Pumping equipment	216	-	-	1,000	667	907
7835 Tools, shop and garage equipment	772	968	-	700	5,719	5,901
7899 Other minor tools & equipment	292	390	426	300	-	272
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>474,698</b>	<b>421,120</b>	<b>204,918</b>	<b>241,375</b>	<b>256,565</b>	<b>313,272</b>
	<b>710,236</b>	<b>580,825</b>	<b>380,549</b>	<b>484,678</b>	<b>564,322</b>	<b>613,856</b>



Department Responsibility: Hector Herrera Jr  
 Title: W/WW Plant Maint&Lift Stations Manager  
 Telephone Ext: 638  
 Dept. No. 3145

**PERFORMANCE MEASURES  
FOR THE  
WATER & WASTEWATER PLANT MAINTENANCE DEPARTMENT**

**Department Function:**

Provide mechanical maintenance to BPUB's Water and Wastewater Treatment Plants.

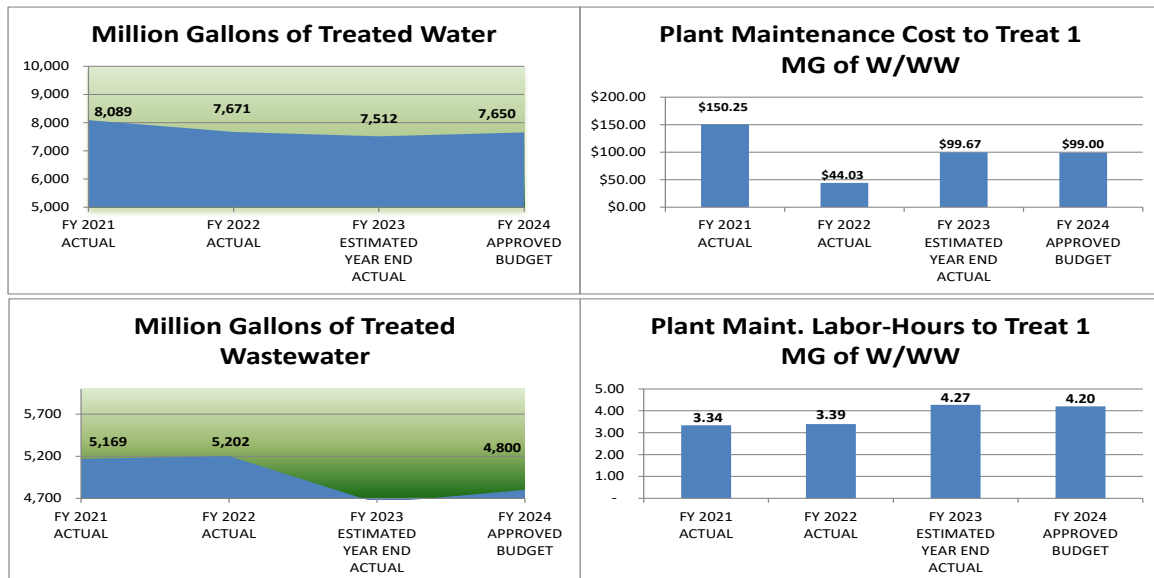
**Department Goals/Objectives:**

The W/WW Plant Maintenance Department's goal is to provide a highly reliable and efficient mechanical maintenance service to its internal BPUB customers, namely the Water and Wastewater Treatment Plants and their Operators.

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
<b>INPUT MEASURES</b>				
O&M Expenditures	\$ 1,050,080	\$ 1,161,794	\$ 1,211,743	\$ 1,371,462
Labor-Hours	43,680	43,680	41,600	41,600
Overtime labor factor	13	13	13	13
<b>OUTPUT MEASURES</b>				
Million Gallons of Treated Water	8,089	7,671	7,512	7,650
Thousands of Customers Served (water)	51	53	54,815	54,890
Million Gallons of Treated Wastewater	5,169	5,202	4,645	4,800
Thousands of Customers Served (wastewater)	51	53	55	55
<b>OUTCOME MEASURES</b>				
Maintenance-related TCEQ NOV (water)	-	-	-	-
Maintenance-related TCEQ NOV (wastewater)	-	-	-	-
Water Plant PM Status**	36	40.00	41.00	41.00
Wastewater Plant PM Status**	36	40.00	42.00	42.00
<b>EFFICIENCY MEASURES</b>				
Plant Maintenance Cost Per Customer/ Year	\$ 389.00	\$ 106.94	\$ 224.39	\$ 220.50
Plant Maint. Labor-Hours Per Customer/Yr	0.85	0.82	0.96	0.91
Plant Maintenance Cost to Treat 1 MG of W/WW	\$150.25	\$44.03	\$99.67	\$ 99.00
Plant Maint. Labor-Hours to Treat 1 MG of W/WW	3.34	3.39	4.27	4.20

**NOTES:**

\*\* W/WW Plant PM Status = Thousands of customers served minus number of TCEQ non-compliance notices minus overtime labor factor



## DEPARTMENT 3145 - WATER & WASTEWATER PLANT MAINTENANCE

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 48,255	\$ 58,109	\$ 61,145	\$ 60,778	\$ 64,898	\$ 67,933
6105 Administrative Staff	-	-	-	-	-	-
6115 Operational staff	336,611	372,137	424,020	434,554	471,583	513,926
6130 Overtime	34,975	46,716	72,183	81,480	91,671	88,285
6201 T.M.R.S.	74,504	85,426	97,838	87,178	111,350	107,353
6205 F.I.C.A.	24,354	27,519	32,639	30,711	37,075	36,075
6206 Suta	1,872	1,883	-	-	279	-
6210 Medicare	5,696	6,436	7,633	7,182	8,671	8,437
6214 Dental Insurance	6,089	6,917	6,626	7,588	6,881	7,191
6215 Hospitalization insurance	103,613	123,920	119,018	137,201	124,607	142,160
6220 Life Insurance	357	396	417	599	474	686
6221 Long Term Disability Insurance	714	796	848	991	978	1,164
6225 Workers Compensation	10,690	12,105	13,945	12,383	15,789	14,546
6230 Vacation leave	12,475	5,369	5,412	6,325	(3,767)	7,430
6235 Sick leave	11,815	(2,896)	2,476	6,959	11,851	8,175
6260 Vacancy Savings	-	-	-	(44,580)	-	(29,093)
<i>O&amp;M PERSONNEL TOTAL</i>	<i>672,022</i>	<i>744,833</i>	<i>844,199</i>	<i>829,349</i>	<i>942,339</i>	<i>974,269</i>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	836	292	458	650	1,029	1,133
7120 Office supplies	174	865	557	695	565	634
7130 Postage/shipping charges	7	33	-	-	-	-
7140 Training expenses	4,411	4,764	2,793	3,000	5,544	3,000
7145 Travel expenses	378	-	-	640	-	320
7225 Safety supplies	6,141	16,655	30,000	25,000	10,955	18,743
7299 Other materials & supplies	20,365	34,264	68,855	65,500	86,105	68,999
7315 Food, meals, ice, water	273	778	296	-	180	272
7325 Rental of equip/storage/land	13,860	7,920	-	10,000	26,100	35,861
7335 Wearing apparel & dry goods	2,471	2,819	4,535	5,000	4,705	3,810
7415 Fuels & lubricants	15,737	25,378	50,060	43,000	53,843	48,118
7505 Maint. of communication equipment	-	-	-	750	-	680
7645 Maintenance services	400,297	195,518	143,250	320,000	174,151	172,501
7801 Communication equipment	-	-	-	5,000	1,150	4,539
7820 Office furniture & equipment	-	367	-	-	-	-
7835 Tools, shop and garage equipment	1,529	5,948	11,098	10,000	29,450	31,321
7899 Other minor tools & equipment	862	9,647	5,693	8,000	4,274	7,262
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<i>467,342</i>	<i>305,247</i>	<i>317,595</i>	<i>497,235</i>	<i>398,050</i>	<i>397,193</i>
	<b>1,139,364</b>	<b>1,050,080</b>	<b>1,161,794</b>	<b>1,326,584</b>	<b>1,340,389</b>	<b>1,371,462</b>





**Department Responsibility:** Francisco Valdez, Jr  
**Title:** W/WW Operation & Maintenance Area Manager  
**Telephone Ext:** 6549  
**Dept. No:** 3150

**PERFORMANCE MEASURES  
FOR THE  
WATER/WASTEWATER CONSTRUCTION & OPERATIONS DEPARTMENT**

**Department Function:**

The Water/Wastewater Operations & Construction Department is responsible for the operations, construction, and maintenance of the Brownsville PUB water and wastewater utility system, which includes maintenance and repairs of water mains, water service lines, water meters, water main valves and hydrants, wastewater force mains, gravity mains, new water and wastewater line extensions, special projects, water audits, manage daily department activities, generate reports, and provide support to other departments.

**Department Goals/Objectives:**

The Water/Wastewater Department objective is to effectively provide and maintain high quality service for Brownsville PUB internal and external customers. To complete all functions of the department by enhancing reliability, responsiveness, and total commitment in providing a safe working environment to our employees and to the safe delivery of quality services to our customers.

**INPUT MEASURES**

Employees  
 Total O&M Expenses  
 Miles of Water & Wastewater Mains  
 Number of Service Requests  
 Number of Work Orders  
 Number of Service Orders  
 Overtime Expenses

**OUTPUT MEASURES**

Water Mains/Service Line No. of Repairs  
 Wastewater Line No. of Repairs  
 Miles of Wastewater Mains Cleaned  
 Miles of Wastewater Mains Telivised  
 Number of W/WW Service Connections per year-September.

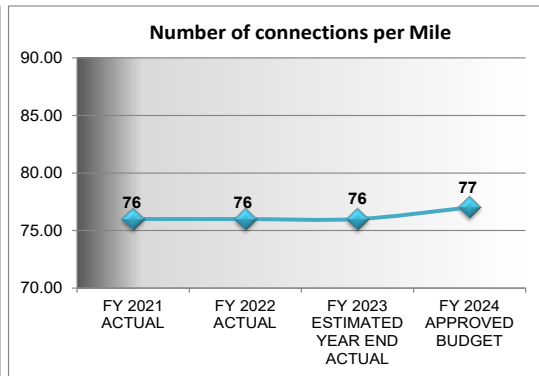
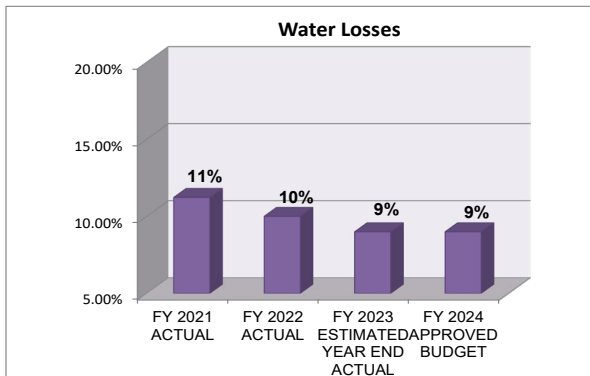
**OUTCOME MEASURES**

Ongoing Maintenance  
 Average Response Time Per Call  
 Water Losses  
 Number of connections per Mile

**EFFICIENCY MEASURES**

Turnaround Time Per New Connection (days)  
 Average Cost per Customer per W/WW Connection

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
45	45	44	44
\$ 3,638,886	\$ 4,087,176	\$ 4,456,877	\$ 4,408,796
1,411	1,389	1,590	1,590
23,641	19,842	12,981	15,000
		7,070	9,000
14,589	10,880	8	10
\$ 140,426	\$ 269,250	\$ 185,600	\$ 195,000
1,797	1,363	1,297	1,500
387	329	196	250
-	-	12	15
-	-	6	8
104,752	108,106	109,017	109,017
YES	YES	YES	YES
90min.	90min.	90min.	90min.
11.23%	10.00%	9.00%	9.00%
76	76	76	77
10	15	-	-
\$ 3,272	\$ 4,895	\$ -	\$ -



## DEPARTMENT 3150 – WATER/WASTEWATER OPERATIONS & CONSTRUCTION

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 170,363	\$ 141,565	\$ 178,269	\$ 178,766	\$ 202,571	\$ 198,443
6110 Clerical staff	84,154	67,144	70,371	69,950	67,892	78,957
6115 Operational staff	1,272,239	996,689	1,097,835	1,290,598	1,263,059	1,482,541
6130 Overtime	230,931	200,640	267,981	185,601	500,357	305,683
6201 T.M.R.S.	357,547	278,847	295,528	270,919	371,242	324,709
6205 F.I.C.A.	106,531	85,038	98,746	95,438	124,651	109,116
6206 Suta	4,950	325	1,581	-	1,320	-
6210 Medicare	24,914	19,888	23,094	22,320	29,152	25,519
6214 Dental Insurance	23,733	18,345	20,136	25,049	19,253	21,371
6215 Hospitalization insurance	406,352	343,135	389,118	497,488	368,586	439,699
6220 Life Insurance	1,493	1,152	1,239	1,925	1,400	2,129
6221 Long Term Disability Insurance	2,854	2,215	2,411	3,079	2,787	3,520
6225 Workers Compensation	46,024	36,013	42,436	38,483	52,647	43,998
6230 Vacation leave	(22,124)	18,149	5,716	19,657	20,769	22,474
6235 Sick leave	(100,184)	19,470	7,067	21,627	25,404	24,727
6250 Miscellaneous personnel benefits	-	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(138,538)	-	(87,997)
<i>O&amp;M PERSONNEL TOTAL</i>	<i>2,609,778</i>	<i>2,228,614</i>	<i>2,501,526</i>	<i>2,582,362</i>	<i>3,051,091</i>	<i>2,994,890</i>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	1,690	2,698	2,620	1,500	1,114	1,360
7120 Office supplies	3,638	3,532	1,619	2,000	2,378	1,815
7130 Postage/shipping charges	28	-	-	-	-	-
7140 Training expenses	3,962	5,359	6,832	2,000	13,968	1,500
7145 Travel expenses	133	42	96	500	148	250
7180 Utilities - departmental	34,862	32,504	31,297	27,500	33,352	24,966
7199 Miscellaneous office expenses	-	-	-	-	-	-
7201 Barricades & signs	5,510	6,206	8,384	6,000	6,500	5,446
7203 Sand, Caliche, Gravel, Concrete etc	26,738	58,011	152,002	61,000	47,684	72,632
7210 Landscaping/Trade a Tree Program	1,413	708	464	2,000	405	1,814
7215 Laundry & janitorial supplies	35	-	-	-	-	-
7225 Safety supplies	58,182	38,695	34,997	31,750	58,555	29,052
7293 Chemicals - other	2,968	7,711	2,255	5,880	3,738	4,538
7299 Other materials & supplies	436,968	187,330	160,067	171,000	187,117	159,790
7315 Food, meals, ice, water	1,334	1,711	1,657	-	1,010	907
7325 Rental of equip/storage/land	42,612	19,888	8,349	20,000	26,281	18,157
7335 Wearing apparel & dry goods	15,454	11,764	12,610	10,000	12,498	9,078
7415 Fuels & lubricants	131,755	149,892	212,980	110,000	254,377	136,184
7501 Maint. of buildings & structures	1,495	448	-	-	-	-
7505 Maint. of communication equipment	82	1,563	670	750	4,954	2,722
7515 Maint. of major equipment	1,607	-	18	1,000	451	906
7520 Maint. of minor equipment	1,791	2,043	1,186	1,500	1,301	1,361
7575 Maint. of water meters	397,698	94	-	-	-	-
7577 Maint. of distribution mains	70,510	88,205	141,673	84,752	223,711	145,264
7585 Maint. of sewer force mains	1,618	4,228	6,248	8,000	16,246	7,263
7586 Maint. of sewer gravity lines	50,021	87,769	106,080	75,000	136,517	90,790
7599 Maintenance / other	187	917	-	-	-	-
7630 Construction contractor services	287,016	272,881	367,056	255,000	395,924	281,449
7645 Maintenance services	75,904	-	-	-	-	-
7655 Hauling Services	66,895	68,720	49,308	66,000	76,797	120,750
7699 Other services	209,735	312,956	245,191	250,000	328,433	254,212
7801 Communication equipment	14,215	888	30	2,000	2,691	1,815
7805 Computer equipment	798	-	-	700	467	635
7820 Office furniture & equipment	-	-	-	-	-	-
7825 Power operated equipment	-	-	-	-	-	-
7899 Other minor tools & equipment	74,936	43,510	31,963	41,000	38,815	39,250
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<i>2,021,788</i>	<i>1,410,272</i>	<i>1,585,650</i>	<i>1,236,832</i>	<i>1,875,430</i>	<i>1,413,906</i>
	<b>4,631,566</b>	<b>3,638,886</b>	<b>4,087,176</b>	<b>3,819,194</b>	<b>4,926,521</b>	<b>4,408,796</b>



Department Responsibility: Jose G. Garza, Jr.

Title:

W/WW Maintenance Oper Manager

Telephone Ext: 6350

Dept. No: 3155

**PERFORMANCE MEASURES  
FOR THE  
WATER/WASTEWATER MAINTENANCE & OPERATIONS DEPARTMENT**

**Department Function:**

The Water/Wastewater Maintenance & Operation Department is responsible for the operations and maintenance of the Brownsville PUB water and wastewater utility system, which includes maintenance and repairs of water mains, water service lines, water meters, water main valves and hydrants, wastewater force mains, gravity mains, new water and wastewater line extensions, special projects, water audits, manage daily department activities, generate reports, and provide support to other departments.

**Department Goals/Objectives:**

The Water/Wastewater Maintenance & Operation is to effectively provide and maintain high quality service for Brownsville PUB internal and external customers. To complete all functions of the department by enhancing reliability, responsiveness, and total commitment in providing a safe working environment to our employees and to the safe delivery of quality services to our customers.

**INPUT MEASURES**

Employees  
Total O&M Expenses  
Miles of Water & Wastewater Mains  
Number of Service Requests  
Number of Service Orders  
Overtime Expenses

**OUTPUT MEASURES**

Total number of Water Meters installed  
Total number of Water Meters Tested  
Number of W/WW Service Connections

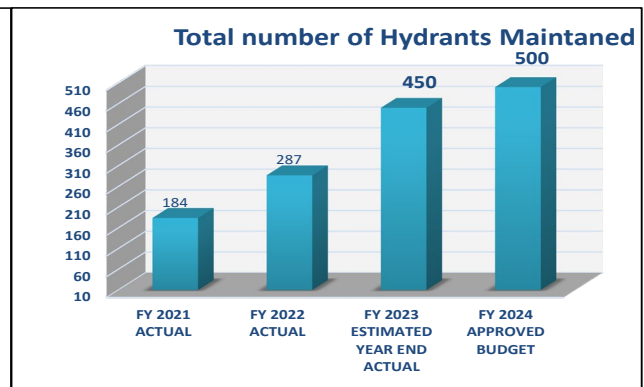
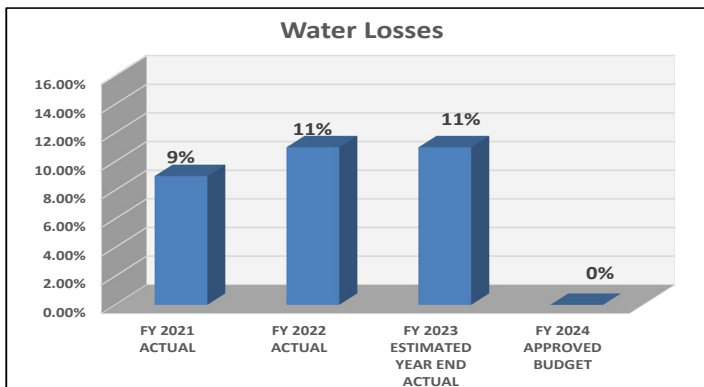
**OUTCOME MEASURES**

Ongoing Maintenance  
Average Response Time Per Call  
Water Losses  
Total number of Hydrants Maintained

**EFFICIENCY MEASURES**

Cost per 3/4" x 5/8" meter  
Turnaround Time Per New Connection (days)  
Average Cost per Customer per W/WW Connection

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
Employees	34	34	34	34
Total O&M Expenses	\$ 2,219,745	\$ 2,433,267	\$ 2,680,308	\$ 2,976,584
Miles of Water & Wastewater Mains	1,378	1,420	1,420	1,430
Number of Service Requests	9,354	15,684	21,100	22,000
Number of Service Orders	9,354	8,194	9,200	9,350
Overtime Expenses	\$ 91,474	\$ 146,983	\$ 195,177	\$ 187,000
Total number of Water Meters installed	6,184	4,506	2,280	2,100
Total number of Water Meters Tested	5,698	3,753	2,300	4,000
Number of W/WW Service Connections	808	955	800	900
Ongoing Maintenance	YES	YES	YES	YES
Average Response Time Per Call	90min	90min	90min	90min
Water Losses	9%	11%	11%	0%
Total number of Hydrants Maintained	184	287	450	500
Cost per 3/4" x 5/8" meter	\$ 58	\$ 66	\$ 66	\$ 66
Turnaround Time Per New Connection (days)	15	15	15	15
Average Cost per Customer per W/WW Connection	\$ 4,858	\$ 5,000	\$ 5,200	\$ 5,500



## DEPARTMENT 3155 – WATER/WASTEWATER MAINTENANCE & OPERATIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 99,538	\$ 140,013	\$ 124,775	\$ 157,984	\$ 153,952	\$ 187,566
6110 Clerical staff	12,477	28,052	29,436	29,182	28,370	35,776
6115 Operational staff	275,373	607,561	652,171	820,161	780,365	983,083
6130 Overtime	34,387	91,474	128,776	115,600	241,965	222,258
6140 Severance Pay	3,299	1,903	-	-	-	-
6201 T.M.R.S.	88,197	194,157	209,453	177,290	268,123	222,585
6205 F.I.C.A.	25,512	52,916	58,012	62,454	73,769	74,798
6206 Suta	-	-	-	-	1,704	-
6210 Medicare	5,966	12,375	13,567	14,606	17,252	17,493
6214 Dental Insurance	5,842	13,090	12,208	15,617	12,487	13,788
6215 Hospitalization insurance	103,382	239,732	232,025	296,130	242,712	293,263
6220 Life Insurance	382	828	798	1,262	956	1,450
6221 Long Term Disability Insurance	733	1,576	1,532	2,015	1,903	2,413
6225 Workers Compensation	11,608	23,666	25,492	25,183	32,082	30,161
6230 Vacation leave	77,081	5,456	12,695	12,864	8,570	15,406
6235 Sick leave	100,949	(34,349)	(72)	14,153	11,678	16,950
6260 Vacancy Savings	-	-	-	(90,659)	-	(60,321)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>844,723</b>	<b>1,378,450</b>	<b>1,500,870</b>	<b>1,653,842</b>	<b>1,875,889</b>	<b>2,056,669</b>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	-	1,113	1,976	1,400	1,702	2,450
7120 Office supplies	-	1,281	732	1,000	1,818	1,361
7140 Training expenses	-	1,514	15,782	3,000	7,813	3,250
7145 Travel expenses	-	59	402	500	608	350
7201 Barricades & signs	-	780	1,496	1,000	4,892	3,631
7203 Sand, Caliche, Gravel, Concrete etc	-	28	17	500	-	-
7210 Landscaping/Trade a Tree Program	-	-	58	500	-	-
7225 Safety supplies	-	30,590	21,020	20,500	35,929	16,794
7293 Chemicals - other	-	1,789	1,095	2,000	1,101	2,178
7299 Other materials & supplies	-	89,423	41,600	87,000	83,882	68,092
7315 Food, meals, ice, water	-	1,010	1,511	-	1,827	1,360
7325 Rental of equip/storage/land	-	-	-	-	20,288	9,079
7335 Wearing apparel & dry goods	-	1,675	7,820	4,000	8,103	5,900
7410 Batteries	-	-	-	-	-	-
7415 Fuels & lubricants	-	68,126	91,990	50,000	100,696	72,632
7501 Maint. of buildings & structures	-	-	-	-	48	-
7505 Maint. of communication equipment	-	442	185	-	114	-
7515 Maint. of major equipment	-	1,758	10,609	14,000	320	12,710
7520 Maint. of minor equipment	-	1,227	55	1,000	901	907
7575 Maint. of water meters	-	341,047	317,517	325,000	199,288	226,975
7577 Maint. of distribution mains	-	142,563	148,161	150,000	255,459	208,817
7586 Maint. of sewer gravity lines	-	29	274	-	4,545	5,901
7599 Maintenance / other	-	-	49	-	-	-
7630 Construction contractor services	-	49,761	185,035	200,000	66,999	181,580
7645 Maintenance services	-	-	-	50,000	-	-
7655 Hauling Services	-	57,851	45,513	50,000	60,907	45,394
7699 Other services	-	10,171	3,436	10,000	9,910	11,650
7801 Communication equipment	-	13,124	899	9,468	7,468	8,595
7805 Computer equipment	-	60	-	-	-	-
7899 Other minor tools & equipment	-	25,875	35,167	30,000	30,015	30,309
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>-</b>	<b>841,295</b>	<b>932,397</b>	<b>1,010,868</b>	<b>904,632</b>	<b>919,915</b>
	<b>844,723</b>	<b>2,219,745</b>	<b>2,433,267</b>	<b>2,664,710</b>	<b>2,780,521</b>	<b>2,976,584</b>

Department Responsibility: **Hector Herrera, Jr**  
 Title: **WW Plant Maint W Lfit St Mgr.**  
 Telephone Ext: **6389**  
 Dept. No: **3160**

## DEPARTMENT 3160 – POTABLE WATER TRANSPORT SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6115 Operational staff	\$ 9,106	\$ 78,021	\$ 79,832	\$ 80,371	\$ 88,767	\$ 88,587
6130 Overtime	1,557	13,338	7,810	11,012	27,329	22,663
6201 T.M.R.S.	1,858	16,214	15,373	14,145	20,461	16,344
6205 F.I.C.A.	648	5,557	5,287	4,983	6,662	5,492
6210 Medicare	152	1,300	1,236	1,165	1,558	1,285
6214 Dental Insurance	109	873	997	1,169	1,430	1,457
6215 Hospitalization insurance	2,142	18,496	19,166	21,758	28,150	31,615
6220 Life Insurance	7	74	71	98	79	106
6221 Long Term Disability Insurance	14	145	141	161	158	177
6225 Workers Compensation	267	2,336	2,206	2,009	2,902	2,215
6230 Vacation leave	3,890	(713)	1,688	1,026	1,780	1,131
6235 Sick leave	1,596	(1,278)	3,310	1,129	584	1,245
6260 Vacancy Savings	-	-	-	(7,233)	-	(4,429)
<i>O&amp;M PERSONNEL TOTAL</i>	<u>21,345</u>	<u>134,363</u>	<u>137,117</u>	<u>131,794</u>	<u>179,861</u>	<u>167,888</u>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	-	-	-	-	108	181
7140 Training expenses	-	-	350	-	-	-
7145 Travel expenses	-	-	-	-	-	-
7225 Safety supplies	-	1,092	551	1,250	503	725
7293 Chemicals - other	-	418	-	-	-	-
7299 Other materials & supplies	-	1,347	2,631	1,500	2,605	2,268
7315 Food, meals, ice, water	-	-	30	-	30	136
7335 Wearing apparel & dry goods	-	-	-	500	18	453
7415 Fuels & lubricants	-	-	-	2,500	147	-
7520 Maint. of minor equipment	-	570	560	1,000	710	907
7699 Other services	-	570	-	-	1,425	1,361
7801 Communication equipment	-	-	-	1,500	-	1,361
7899 Other minor tools & equipment	-	6,254	4,982	5,000	2,165	2,269
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<u>-</u>	<u>10,250</u>	<u>9,104</u>	<u>13,250</u>	<u>7,710</u>	<u>9,661</u>
	<b>21,345</b>	<b>144,613</b>	<b>146,221</b>	<b>145,044</b>	<b>187,571</b>	<b>177,549</b>



Department Responsibility: **Arnold Gonzalez**  
 Title: **W/WW Operator Chief**  
 Telephone Ext: **6556**  
 Dept. No: **3210**

**PERFORMANCE MEASURES  
FOR THE  
SOUTH WASTEWATER TREATMENT PLANT DEPARTMENT**

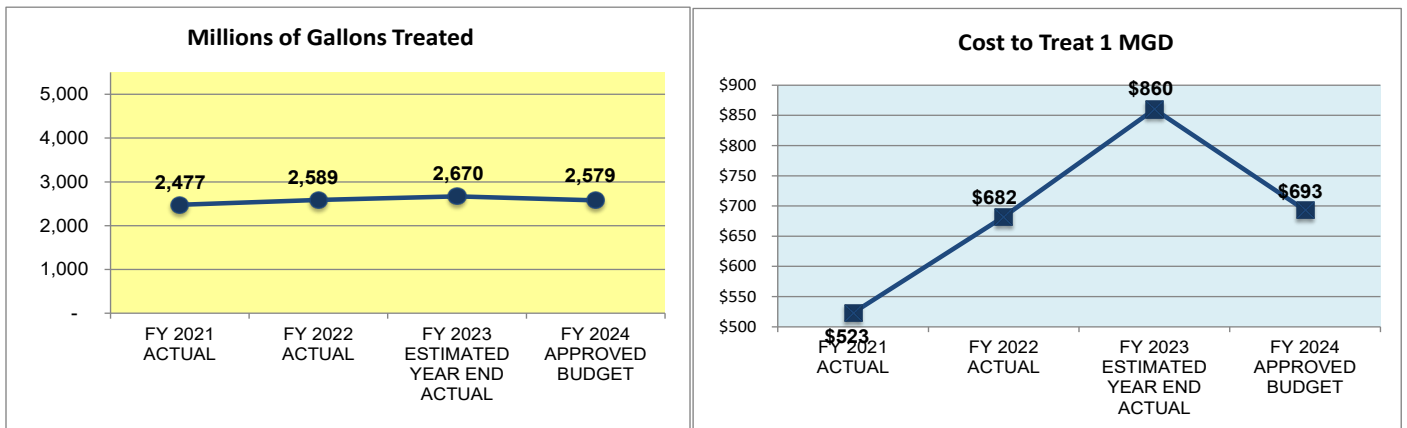
**Department Function:**

The primary function of the South Wastewater Treatment Plant is to treat wastewater in the most cost efficient way and in accordance with state and federal requirements.

**Department Goals/Objectives:**

To provide value and service to our customers by operating the treatment plant in the most efficient way. To protect the environment and operate within TPDES permit requirements. To budget for maintenance projects that sustain plant operations.

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
<b>INPUT MEASURES</b>				
Employees	8	9	8	8
Total O&M Expenses	\$ 1,296,696	\$ 1,764,854	\$ 2,296,374	\$ 2,462,628
Dry Tons Sludge to Site	1,146	1,203	1,853	1,401
Gallons Treated	2,476,989,000	2,588,996,000	2,669,930,000	2,578,638,000
<b>OUTPUT MEASURES</b>				
Reports Produced	18	18	18	18
Annual Statistical Reports	1	1	1	1
Operational Budget Reports Produced	12	12	12	12
<b>OUTCOME MEASURES</b>				
Operate Within Permit Compliance	Yes	Yes	Yes	Yes
Operate Within Approved Budget	Yes	Yes	Yes	Yes
% of CIP Projects Completed on Schedule	100%	100%	100%	100%
Cost to Treat 1 MGD	\$ 523	\$ 682	\$ 860	\$ 693
<b>EFFICIENCY MEASURES</b>				
Average CBOD % Removal mg/l	98%	98%	98%	98%
Average TSS % Removal mg/l	96%	96%	96%	96%



## DEPARTMENT 3210 - SOUTH WASTEWATER TREATMENT PLANT

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 57,787	\$ 57,629	\$ 50,390	\$ 53,622	\$ 59,376	\$ 64,896
6115 Operational staff	247,731	228,806	294,019	315,078	288,817	335,109
6130 Overtime	28,535	32,627	39,842	55,584	55,838	58,840
6201 T.M.R.S.	58,376	56,703	68,497	64,891	71,318	73,801
6205 F.I.C.A.	19,936	19,055	23,664	22,859	24,652	24,800
6210 Medicare	4,662	4,456	5,534	5,346	5,765	5,800
6214 Dental Insurance	4,223	3,985	3,682	4,474	3,770	4,320
6215 Hospitalization insurance	70,126	72,292	68,823	86,577	67,918	81,308
6220 Life Insurance	283	263	283	438	298	469
6221 Long Term Disability Insurance	559	522	589	737	617	800
6225 Workers Compensation	8,351	8,048	9,764	9,218	10,157	10,000
6230 Vacation leave	4,359	781	644	4,708	(4,073)	5,108
6235 Sick leave	(24,305)	(299)	(13,184)	5,180	5,404	5,620
6260 Vacancy Savings	-	-	-	(33,183)	-	(20,000)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>480,623</b>	<b>484,867</b>	<b>552,547</b>	<b>595,531</b>	<b>589,857</b>	<b>650,871</b>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	222	815	-	522	368	473
7120 Office supplies	717	118	722	500	706	635
7130 Postage/shipping charges	7,363	4,272	3,997	6,500	629	3,631
7140 Training expenses	1,006	2,675	2,260	2,400	3,290	1,600
7145 Travel expenses	669	518	-	560	-	200
7180 Utilities - departmental	483,434	482,853	704,392	540,000	906,294	554,182
7201 Barricades & signs	-	-	-	300	-	272
7203 Sand, Caliche, Gravel, Concrete etc	-	-	-	-	-	6,355
7215 Laundry & janitorial supplies	531	345	70	600	888	635
7225 Safety supplies	2,504	4,524	5,247	3,000	5,892	3,631
7283 Chemicals - chlorine	69,099	62,988	123,126	231,768	228,565	224,662
7288 Chemicals - ferric chloride	-	-	-	-	-	-
7293 Chemicals - other	36,612	53,028	54,339	173,220	90,000	95,764
7299 Other materials & supplies	4,193	8,277	12,229	13,000	5,841	10,440
7315 Food, meals, ice, water	320	82	184	-	542	726
7325 Rental of equip/storage/land	2,221	2,673	38,298	106,960	41,686	67,546
7335 Wearing apparel & dry goods	316	1,612	1,213	1,755	2,392	1,368
7415 Fuels & lubricants	494	338	675	1,000	843	907
7501 Maint. of buildings & structures	113,538	23,233	76,564	150,000	141,642	27,237
7515 Maint. of major equipment	96,888	84,302	126,825	200,000	257,222	249,672
7520 Maint. of minor equipment	-	1,249	6,331	6,000	2,128	5,447
7645 Maintenance services	10,174	28,453	37,563	22,000	28,607	22,697
7699 Other services	11,338	13,704	10,084	324,600	55,754	519,380
7810 Laboratory equipment	2,695	3,283	5,698	7,000	123	4,539
7820 Office furniture & equipment	602	458	457	-	459	453
7830 Pumping equipment	12,297	32,027	2,034	10,000	16,958	9,079
7899 Other minor tools & equipment	14	-	-	250	349	226
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>857,249</b>	<b>811,829</b>	<b>1,212,307</b>	<b>1,801,935</b>	<b>1,791,176</b>	<b>1,811,757</b>
	<b>1,337,872</b>	<b>1,296,696</b>	<b>1,764,854</b>	<b>2,397,466</b>	<b>2,381,033</b>	<b>2,462,628</b>





Department Responsibility: **Victor Martinez**

Title: **W/WW Operator Chief**

Telephone Ext: **6554**

Dept. No: **3220**

**PERFORMANCE MEASURES  
FOR THE  
ROBINDALE WASTEWATER TREATMENT PLANT DEPARTMENT**

**Department Function:**

The primary function of the Robindale Wastewater Treatment Plant is to treat wastewater in the most cost efficient way and in accordance with state and federal requirements.

**Department Goals/Objectives:**

To provide value and service to our customers by operating the treatment plant in the most efficient way. To protect the environment and operate within TPDES permit requirements. To budget for maintenance projects that sustain plant operations.

**INPUT MEASURES**

Employees  
Total O&M Expenses  
Dry Tons Sludge to Site  
Gallons Treated

**OUTPUT MEASURES**

Monthly Reports Produced  
Annual Statistical Reports  
Operational Budget Reports Produced

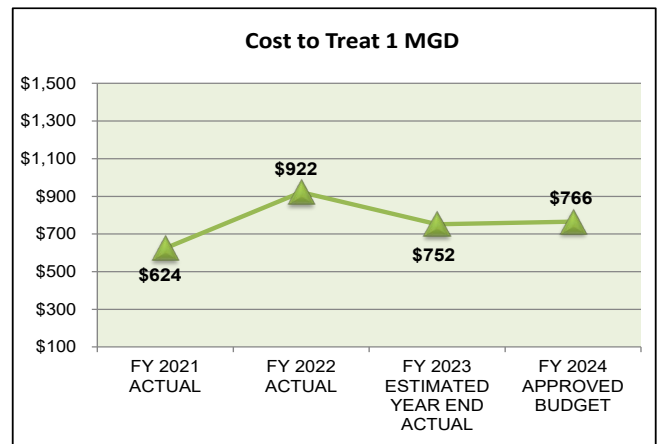
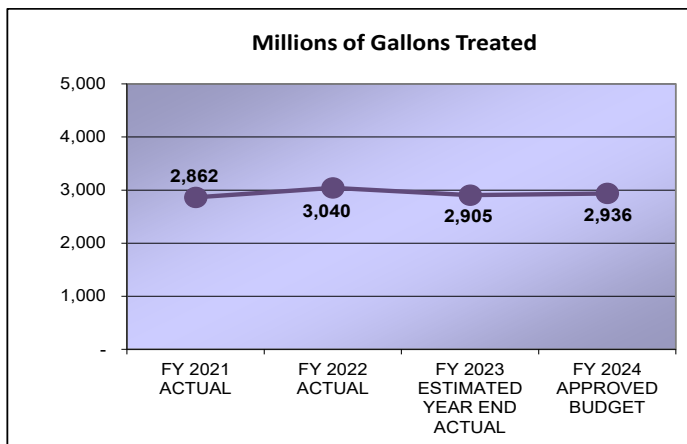
**OUTCOME MEASURES**

Operate Within Permit Compliance  
Operate Within Approved Budget  
% of CIP Projects Completed on Schedule  
Cost to Treat 1 MGD

**EFFICIENCY MEASURES**

Average CBOD % Removal mg/l  
Average TSS % Removal mg/l

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
11	10	11	11
\$1,787,306	\$2,321,744	\$ 2,187,207	\$ 2,474,951
1,131	1,432	1,488	1,350
2,862,323,000	3,040,390,000	2,904,660,000	2,935,791,000
18	18	18	18
1	1	1	1
12	12	12	12
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
100%	100%	100%	100%
\$ 624	\$ 922	\$ 752	\$ 766
99%	99%	99%	99%
99%	98%	98%	98%



## DEPARTMENT 3220 - ROBINDALE WASTEWATER TREATMENT PLANT

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 150,204	\$ 149,493	\$ 90,415	\$ 136,178	\$ 153,265	\$ 170,955
6110 Clerical staff	34,387	34,099	35,991	35,526	39,186	43,077
6115 Operational staff	284,240	257,728	346,195	369,574	370,778	423,530
6130 Overtime	38,747	57,094	63,149	59,147	55,352	67,559
6140 Severance Pay	-	3,394	-	-	-	-
6201 T.M.R.S.	88,676	93,519	99,392	95,265	114,019	117,630
6205 F.I.C.A.	30,135	31,561	34,406	33,559	39,716	39,529
6206 Suta	-	-	-	-	-	-
6210 Medicare	7,048	7,381	8,046	7,849	9,288	9,245
6214 Dental Insurance	5,280	5,206	5,168	6,653	5,721	5,876
6215 Hospitalization insurance	105,639	103,795	95,887	117,323	97,252	108,233
6220 Life Insurance	423	406	402	636	490	733
6221 Long Term Disability Insurance	865	830	838	1,083	1,042	1,275
6225 Workers Compensation	12,703	12,700	14,262	13,532	16,380	15,939
6230 Vacation leave	14,284	1,196	30,321	6,912	161	8,142
6235 Sick leave	(19,309)	(2,221)	40,153	7,605	19,258	8,958
6240 Educational assistance	-	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(48,715)	-	(31,878)
<i>O&amp;M PERSONNEL TOTAL</i>	<i>753,321</i>	<i>756,181</i>	<i>864,625</i>	<i>842,127</i>	<i>921,909</i>	<i>988,801</i>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	186	111	599	672	700	610
7120 Office supplies	769	1,178	1,448	700	675	635
7130 Postage/shipping charges	3,249	2,824	3,324	3,000	3,940	3,631
7140 Training expenses	896	2,098	2,284	2,400	2,680	1,600
7145 Travel expenses	1,967	-	100	700	22	200
7180 Utilities - departmental	396,461	441,749	610,180	540,000	706,537	530,213
7201 Barricades & signs	61	-	-	100	400	272
7203 Sand, Caliche, Gravel, Concrete etc	-	-	-	-	-	-
7215 Laundry & janitorial supplies	737	416	492	600	420	544
7225 Safety supplies	5,922	4,336	2,713	3,000	2,102	2,723
7279 Ultraviolet light system expenses	208,187	149,972	62,478	185,000	72,382	167,961
7286 Chemicals - deodorants	-	-	-	-	-	-
7293 Chemicals - other	45,216	73,656	82,186	252,807	74,831	128,812
7299 Other materials & supplies	15,509	9,964	3,885	12,000	4,133	10,894
7315 Food, meals, ice, water	373	277	471	-	741	726
7325 Rental of equip/storage/land	2,781	2,106	38,092	15,500	41,523	2,904
7335 Wearing apparel & dry goods	896	1,515	1,091	2,010	1,355	1,564
7415 Fuels & lubricants	2,071	1,576	1,747	2,000	1,976	1,815
7501 Maint. of buildings & structures	16,120	3,700	106,302	50,000	59,707	45,395
7515 Maint. of major equipment	222,843	251,674	415,656	228,000	195,621	207,001
7520 Maint. of minor equipment	4,818	10,403	5,684	5,000	1,302	4,539
7645 Maintenance services	23,209	46,779	53,859	46,000	32,561	46,302
7699 Other services	7,888	8,454	6,720	8,000	21,460	270,161
7801 Communication equipment	450	504	495	500	186	453
7810 Laboratory equipment	3,178	272	3,154	1,000	3,434	4,539
7820 Office furniture & equipment	1,076	1,274	467	-	740	453
7830 Pumping equipment	41,268	15,024	53,364	36,500	85,956	51,296
7899 Other minor tools & equipment	1,239	1,263	328	2,000	1,475	907
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<i>1,007,368</i>	<i>1,031,125</i>	<i>1,457,119</i>	<i>1,397,489</i>	<i>1,316,859</i>	<i>1,486,150</i>
	<b>1,760,689</b>	<b>1,787,306</b>	<b>2,321,744</b>	<b>2,239,616</b>	<b>2,238,768</b>	<b>2,474,951</b>



Department Responsibility: Hector Herrera Jr

Title: W/WW Plant Maint&Lift Stations  
Manager Manager

Telephone Ext: 6520

Dept. No: 3225

**PERFORMANCE MEASURES  
FOR THE  
WATER/WASTEWATER SLUDGE MANAGEMENT DEPARTMENT**

**Department Function:**

The W/WW Sludge Management Department is responsible for the transportation and final disposal of sludge from the Water Treatment Plants, Wastewater Treatment Plants and Resaca Maintenance (sediment). Additionally, provides assistance to various BPUB departments with special assigned construction projects. Ensures day to day operations are in compliance with state and federal agency rules and regulations.

**Department Goals/Objectives:**

To cost-effectively provide superior customer service to internal and external customers. By planning and coordinating goals and objectives in accordance with PBUB's Strategic Plan. By responding to special assigned construction projects with expediency while maintaining the sludge transport and disposal services required.

**INPUT MEASURES**

No. Of Employees (FTE's)

Total O&M Expenses

**OUTPUT MEASURES**

Resaca Sediment Hauling (cu-yd)

Water Plant Sludge Hauling (cu-yd)

Wastewater Plant Bio-solids Hauling (cu-yd)

Special Project Hauling (cu-yd)

Total Cubic Yards Hauled

Number Service Request For Other Departments

**OUTCOME MEASURES**

Compliance With State & Federal Regulations

Operate Within Approved Budget

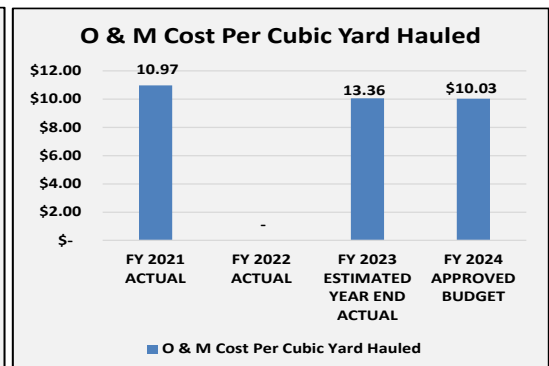
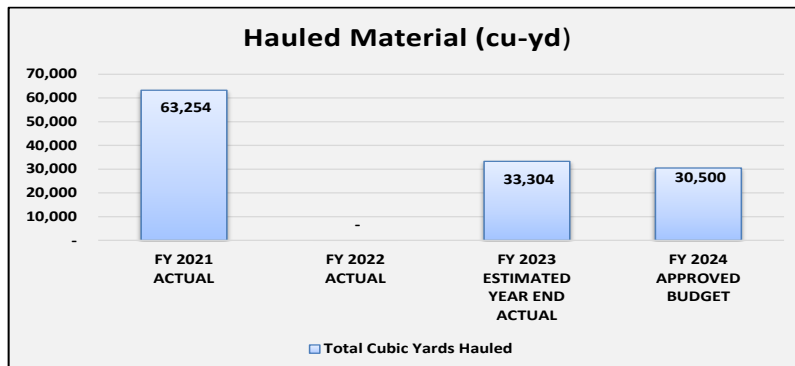
% Of Special Projects Completed On Schedule

**EFFICIENCY MEASURES**

O & M Cost Per Cubic Yard Hauled

Note: New department created in 2019

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
8	9	3	3
\$ 620,385	\$ 532,036	\$ 334,876	\$307,038
32,659	-	-	-
9,345	-	-	-
22,625	-	33,304	30,500
-	-	-	-
63,254	-	33,304	30,500
13	-	445	400
YES	YES	YES	YES
YES	YES	YES	YES
100%	100%	100%	100%
\$ 10.97	\$ -	\$ 10.05	\$10.03



## DEPARTMENT 3225 – WATER/WASTEWATER SLUDGE MANAGEMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6115 Operational staff	\$ 276,763	\$ 311,176	\$ 251,399	\$ 341,952	\$ 152,541	\$ 149,074
6130 Overtime	30,632	42,303	32,519	48,335	23,122	38,474
6201 T.M.R.S.	61,267	63,056	64,583	53,371	42,384	27,504
6205 F.I.C.A.	20,396	20,665	16,986	18,801	10,412	9,243
6210 Medicare	4,770	4,833	3,972	4,397	2,435	2,162
6214 Dental Insurance	4,079	4,320	3,546	5,049	1,927	1,780
6215 Hospitalization insurance	75,990	91,396	74,898	107,903	37,034	37,174
6220 Life Insurance	263	291	232	372	144	175
6221 Long Term Disability Insurance	507	570	467	607	298	298
6225 Workers Compensation	8,737	8,856	7,408	7,581	4,416	3,727
6230 Vacation leave	9,477	5,649	417	4,367	(16,623)	1,904
6235 Sick leave	7,664	(947)	(1,768)	4,804	3,531	2,094
6260 Vacancy Savings	-	-	-	(30,776)	-	(7,454)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>500,545</b>	<b>552,169</b>	<b>454,660</b>	<b>566,764</b>	<b>261,620</b>	<b>266,155</b>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	97	406	419	500	457	365
7120 Office supplies	37	784	186	400	368	181
7140 Training expenses	120	350	1,900	400	950	200
7145 Travel expenses	138	60	-	-	-	-
7201 Barricades & signs	-	84	-	-	-	-
7203 Sand, Caliche, Gravel, Concrete etc	-	-	-	-	-	-
7215 Laundry & janitorial supplies	-	151	-	-	-	-
7225 Safety supplies	690	906	2,695	3,600	2,335	1,814
7288 Chemicals - ferric chloride	-	-	-	-	-	-
7299 Other materials & supplies	2,420	2,868	4,662	4,000	5,152	6,354
7315 Food, meals, ice, water	130	-	120	-	120	108
7335 Wearing apparel & dry goods	2,460	1,224	850	2,000	2,284	1,814
7415 Fuels & lubricants	50,348	48,440	61,901	60,000	71,019	27,236
7801 Communication equipment	-	-	4,154	7,500	-	1,361
7820 Office furniture & equipment	-	-	-	-	-	-
7899 Other minor tools & equipment	1,453	12,944	490	1,500	883	1,450
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>57,894</b>	<b>68,216</b>	<b>77,376</b>	<b>79,900</b>	<b>83,567</b>	<b>40,883</b>
	<b>558,439</b>	<b>620,385</b>	<b>532,036</b>	<b>646,664</b>	<b>345,187</b>	<b>307,038</b>



Department Responsibility: Hector Herrera Jr  
 Title: W/WW Plant Maint. & WW Lift Stations Manager  
 Telephone Ext: 6520  
 Dept. No. 3230

**PERFORMANCE MEASURES  
FOR THE  
WASTEWATER LIFT STATIONS DEPARTMENT**

**Department Function:**

The Lift Stations Department operates and maintains BPUB's Lift Stations in order to provide wastewater service to BPUB customers.

**Department Goals/Objectives:**

The Lift Stations Department's objective is to provide best in class wastewater service to BPUB customers while at the same time comply with all applicable local, state, and federal regulations. Its objective is also to maintain high levels of safety measures in all of its daily operations.

**INPUT MEASURES**

O&M expenditures	\$ 2,682,867	\$ 3,095,736	\$ 3,230,061	\$ 3,131,874
Power expenditures	\$ 632,584	\$ 600,547	\$ 651,455	\$ 650,500
Kilo-watt-hour usage	5,551,081	5,551,081	5,856,163	5,500,000
Labor-hours*	66,560	66,560	41,600	41,600

**OUTPUT MEASURES**

Million gallons of pumped wastewater	5,983	5,202	4,645	5,200
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**OUTCOME MEASURES**

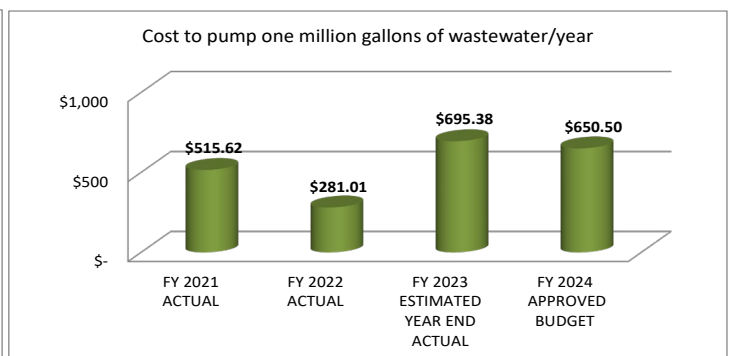
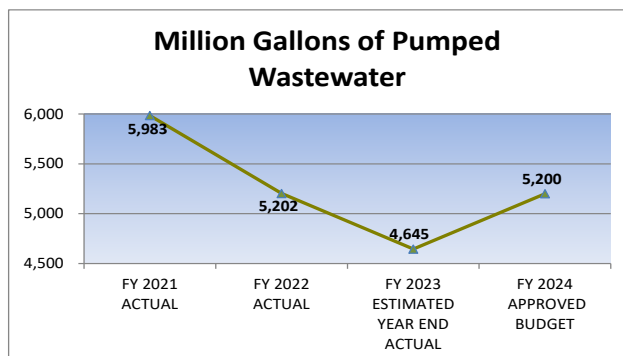
Number of customers served	54,708	53,719	55,280	55,280
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**EFFICIENCY MEASURES**

Kilo-watt-hours to pump ww from one customer/year	106	103	105	104
Labor-hours to pump ww every 1000 customer/year	1,216	1,239	753	800
Cost to pump wastewater from one customer/year	\$ 72.00	\$ 27.21	\$58.43	\$ 55.50
Cost to pump one million gallons of wastewater/year	\$ 515.62	\$ 281.01	\$ 695.38	\$ 650.50
No. of emergency repairs every 1000 customers/year	1.3	3.1	5.5	5.2

NOTE:

\*Labor-hours = Total number of actual hours worked (regular, over-time, and call-out pay)



## DEPARTMENT 3230 – WASTEWATER LIFT STATIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 118,946	\$ 108,023	\$ 133,129	\$ 133,578	\$ 145,086	\$ 159,058
6110 Clerical staff	29,385	32,837	34,326	33,862	36,898	39,416
6115 Operational staff	723,810	572,904	640,272	646,651	734,387	797,098
6130 Overtime	122,504	98,772	120,532	190,800	156,316	203,145
6140 Severance Pay	6,542	-	-	-	-	-
6201 T.M.R.S.	179,545	145,130	162,996	143,280	189,326	183,683
6205 F.I.C.A.	60,216	47,541	54,271	50,474	63,091	61,725
6206 Suta	-	-	428	-	-	-
6210 Medicare	14,083	11,118	12,693	11,804	14,755	14,436
6214 Dental Insurance	12,458	10,820	11,498	13,087	11,705	11,890
6215 Hospitalization insurance	209,925	199,340	223,455	255,541	231,909	257,928
6220 Life Insurance	802	671	713	987	817	1,168
6221 Long Term Disability Insurance	1,590	1,329	1,445	1,628	1,686	1,991
6225 Workers Compensation	25,508	20,445	23,231	20,352	26,875	24,889
6230 Vacation leave	(17,667)	16,561	9,650	10,396	(1,919)	12,713
6235 Sick leave	(146,893)	7,233	(399)	11,438	15,476	13,988
6260 Vacancy Savings	-	-	-	(73,268)	-	(49,779)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>1,340,754</b>	<b>1,272,722</b>	<b>1,428,240</b>	<b>1,450,610</b>	<b>1,626,406</b>	<b>1,733,349</b>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	1,046	393	2,663	3,000	1,765	2,165
7120 Office supplies	1,413	1,995	821	1,000	1,168	907
7130 Postage/shipping charges	122	-	-	-	-	-
7140 Training expenses	3,476	4,752	10,250	3,000	1,860	1,500
7145 Travel expenses	360	-	59	600	132	300
7180 Utilities - departmental	517,212	541,766	602,016	450,000	635,324	426,713
7190 Utilities - CP&L & Mvec	99,448	99,055	114,712	105,000	126,161	113,487
7203 Sand, Caliche, Gravel, Concrete etc	492	348	-	-	-	-
7210 Landscaping/Trade a Tree Program	-	-	-	-	-	-
7225 Safety supplies	21,005	33,869	37,007	35,000	40,815	31,776
7286 Chemicals - deodorants	5,362	6,703	4,465	10,000	8,655	9,079
7293 Chemicals - other	-	13,635	19,676	20,000	24,207	18,158
7299 Other materials & supplies	38,650	108,624	97,366	100,000	227,974	108,948
7315 Food, meals, ice, water	654	891	1,058	-	306	258
7325 Rental of equip/storage/land	46,113	35,066	22,611	25,000	10,400	22,697
7335 Wearing apparel & dry goods	16,460	11,234	10,493	10,000	9,510	9,079
7345 Rebate Exp-Enrgy Efficiency & Cnsrv	-	-	-	-	-	-
7385 Insurance - comprehensive auto liab	-	-	-	-	-	-
7415 Fuels & lubricants	49,789	53,539	47,072	45,000	55,251	36,316
7505 Maint. of communication equipment	1,480	1,425	66	750	62	680
7525 Maint. of boiler plant	-	-	-	-	-	-
7574 Maintenance of wells	61,355	12,421	23,227	25,000	47,945	36,316
7605 Engineering fees	-	-	-	-	-	-
7630 Construction contractor services	-	-	4,604	-	-	-
7645 Maintenance services	-	182,210	402,129	350,600	223,636	317,765
7801 Communication equipment	-	-	3,379	5,000	256	2,723
7805 Computer equipment	398	329	825	1,000	875	907
7820 Office furniture & equipment	-	469	223	-	-	-
7830 Pumping equipment	155,339	277,112	225,675	225,000	362,683	226,975
7835 Tools, shop and garage equipment	409	6,306	10,476	10,000	11,705	9,079
7899 Other minor tools & equipment	44,341	18,003	26,622	25,000	25,193	22,697
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>1,064,926</b>	<b>1,410,145</b>	<b>1,667,496</b>	<b>1,449,950</b>	<b>1,815,885</b>	<b>1,398,525</b>
	<b>2,405,680</b>	<b>2,682,867</b>	<b>3,095,736</b>	<b>2,900,560</b>	<b>3,442,291</b>	<b>3,131,874</b>



Department Responsibility: Marie C. Leal, P.E.

Department Manager: N/A

Telephone Ext: 6275

Dept. No: 3310

**PERFORMANCE MEASURES  
FOR THE  
WATER & WASTEWATER ENGINEERING DEPARTMENT**

**Department Function:**

Department facilitates new water and wastewater connections; approves subdivision plats and commercial site plans in cooperation with the City; performs and oversees planning, design, inspection, and construction of water and wastewater infrastructure projects and BPUB Facilities Improvements. The department provides engineering services to raw water, water treatment plants, wastewater treatment plants, lift stations, and construction and operations in order to complete various projects. The department also facilitates grants, compiles information related to the Semi-Annual Report for the Impact Fee Program, and protects the public drinking water system through the prevention of cross connections.

**Department Goals/Objectives:**

1) To produce accurate cost estimates to customers in order to obtain new water and/or sewer service connections in a timely manner. 2) To produce reviews for the City in order to approve subdivisions and commercial site plans in compliance with BPUB Service Policies. 3) To provide internal data to outside consultants/contractors in order to complete planning, design, and construction projects with accuracy. 4) To perform construction inspection for contractors in order to accept and approve water and wastewater infrastructure. 5) To produce engineering reports, plans, specifications, and cost estimates for water and sewer facilities. 6) To help obtain grants to fund infrastructure projects. 7) To ensure the safety of the public water supply by preventing cross connections through public education and compliance enforcement.

**INPUT MEASURES**

W/WW Engineering - Number of W/WW Engineering Manager  
W/WW Engineering - Number of Senior Engineer  
W/WW Engineering - Number of Senior Graduate Engineer  
W/WW Engineering - Number of Graduate Engineer  
W/WW Engineering - Number of Field Coordinators/Inspectors  
W/WW Engineering - Others (Engr. Techs. & OSS)

**OUTPUT MEASURES**

W/WW Engineering - Number of Construction Purchase Orders Opened  
W/WW Engineering - Number of Consulting Purchase Orders Opened

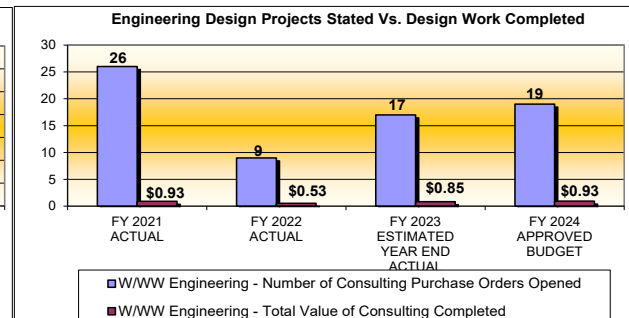
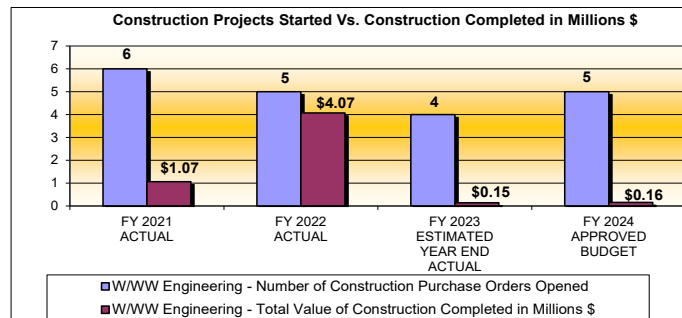
**OUTCOME MEASURES**

W/WW Engineering - Total Value of Construction Completed in Millions \$  
W/WW Engineering - Total Value of Consulting Completed

**EFFICIENCY MEASURES**

W/WW Construction Work Completed Vs. Department Workforce  
W/WW Engineering Design Completed Vs. Department Workforce  
W/WW Number of Construction Projects Started Vs. Workforce  
W/WW Number of Design Projects Started Vs. Workforce

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
1	0	0	0
2	0	1	0
2	2	2	2
3	0	2	2
4	0	0	0
3	3	2	2
6	5	4	5
26	9	17	19
\$ 1.07	\$ 4.07	\$ 0.15	\$ 0.16
\$ 0.93	\$ 0.53	\$ 0.85	\$ 0.93
\$ 0.07	\$ 0.81	\$ 0.02	\$ 0.03
\$ 0.06	\$ 0.11	\$ 0.12	\$ 0.16
0.40	1.00	0.57	0.83
1.73	1.80	2.43	3.17



## DEPARTMENT 3310 - WATER & WASTEWATER ENGINEERING

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 52,522	\$ 38,849	\$ 5,844	\$ 164,986	\$ 11,799	\$ -
6105 Administrative Staff	288,707	299,045	272,768	387,067	273,730	323,889
6110 Clerical staff	83,159	59,962	52,970	200,034	70,396	39,811
6130 Overtime	1,036	2,173	820	2,601	1,103	11,426
6201 T.M.R.S.	154,141	157,333	135,380	126,705	140,247	67,103
6205 F.I.C.A.	25,028	25,086	21,102	44,635	21,853	22,549
6210 Medicare	5,853	5,867	4,935	10,439	5,111	5,274
6214 Dental Insurance	4,415	4,148	3,438	7,636	3,420	2,971
6215 Hospitalization insurance	81,899	85,685	72,284	150,943	70,287	69,421
6220 Life Insurance	355	335	269	829	294	412
6221 Long Term Disability Insurance	768	726	583	1,440	624	727
6225 Workers Compensation	10,759	10,844	9,066	17,998	9,226	9,093
6230 Vacation leave	32,172	677	4,386	9,604	(23,392)	4,644
6235 Sick leave	(24,507)	307	10,715	10,567	(34,677)	5,110
6260 Vacancy Savings	-	-	-	(67,688)	-	(18,185)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>716,307</b>	<b>691,036</b>	<b>594,561</b>	<b>1,067,795</b>	<b>550,022</b>	<b>544,247</b>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	107	-	446	-	-	453
7110 Dues & memberships	265	447	-	900	-	816
7120 Office supplies	1,887	5,092	4,627	5,000	7,760	5,900
7125 Photo equipment/supplies	-	-	-	-	-	-
7130 Postage/shipping charges	61	65	-	200	-	180
7135 Telephone expenses	-	-	-	200	-	181
7140 Training expenses	1,659	1,333	967	5,000	1,817	4,700
7145 Travel expenses	2,302	-	-	3,000	48	1,500
7225 Safety supplies	1,344	1,023	834	1,000	629	906
7299 Other materials & supplies	4,543	79	451	500	497	452
7315 Food, meals, ice, water	794	22	551	-	781	544
7325 Rental of equip/storage/land	4,973	6,017	4,806	2,800	4,418	2,542
7335 Wearing apparel & dry goods	-	300	413	1,000	520	1,133
7415 Fuels & lubricants	8,719	8,335	15,556	15,000	16,733	14,526
7505 Maint. of communication equipment	-	-	-	-	-	-
7601 Legal Fees	-	-	-	-	-	-
7605 Engineering fees	265,134	38,797	32,436	41,000	141,815	44,121
7630 Construction contractor services	-	-	29,000	40,000	-	18,158
7635 Software maintenance service fees	-	32,606	-	2,000	-	1,814
7645 Maintenance services	6,054	-	2,215	2,000	3,014	7,261
7699 Other services	306	800	200	1,000	-	907
7805 Computer equipment	-	-	-	-	-	3,630
7806 Software licenses-new	-	-	-	-	-	27,236
7820 Office furniture & equipment	-	-	-	-	-	-
7899 Other minor tools & equipment	-	-	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>298,149</b>	<b>94,916</b>	<b>92,502</b>	<b>120,600</b>	<b>178,031</b>	<b>136,960</b>
	<b>1,014,456</b>	<b>785,952</b>	<b>687,063</b>	<b>1,188,395</b>	<b>728,053</b>	<b>681,207</b>





Department Responsibility: **Marie C. Leal, P.E.**  
 Title: **Director**  
 Telephone Ext: **6275**  
 Dept. No: **3315**

**PERFORMANCE MEASURES  
FOR THE  
W/WW PROJECT DEVELOPMENT DEPARTMENT**

**Department Function:**

Department facilitates new water and wastewater connections; approves subdivision plats and commercial site plans in cooperation with the City; performs and oversees planning, design, inspection, and construction of water and wastewater infrastructure projects and BPUB Facilities Improvements. The department provides engineering services to raw water, water treatment plants, wastewater treatment plants, lift stations, and construction and operations in order to complete various projects. The department also facilitates grants, compiles information related to the Semi-Annual Report for the Impact Fee Program, and protects the public drinking water system through the prevention of cross connections.

**Department Goals/Objectives:**

- 1) To produce accurate cost estimates to customers in order to obtain new water and/or sewer service connections in a timely manner.
- 2) To produce reviews for the City in order to approve subdivisions and commercial site plans in compliance with BPUB Service Policies.
- 3) To provide internal data to outside consultants/contractors in order to complete planning, design, and construction projects with accuracy.
- 4) To perform construction inspection for contractors in order to accept and approve water and wastewater infrastructure.
- 5) To produce engineering reports, plans, specifications, and cost estimates for water and sewer facilities.
- 6) To help obtain grants to fund infrastructure projects.
- 7) To ensure the safety of the public water supply by preventing cross connections through public education and compliance enforcement.

**INPUT MEASURES**

W/WW Engineering - Number of New Connections Coordinators  
 W/WW Engineering - Number of Senior Coordinators  
 W/WW Engineering - Number of Field Coordinators/Inspectors  
 W/WW Engineering - Number of Project Development Manager

**OUTPUT MEASURES**

W/WW Engineering - Number of Construction Purchase Orders Opened  
 W/WW Engineering - Number of Consulting Purchase Orders Opened

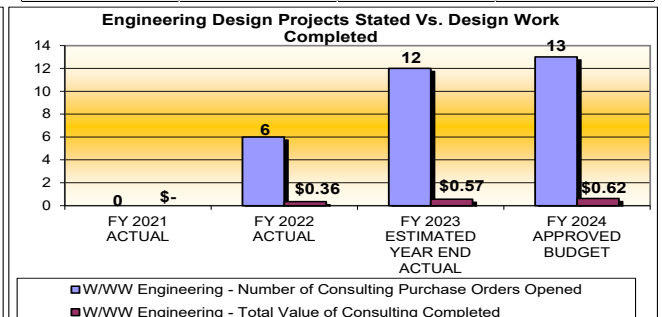
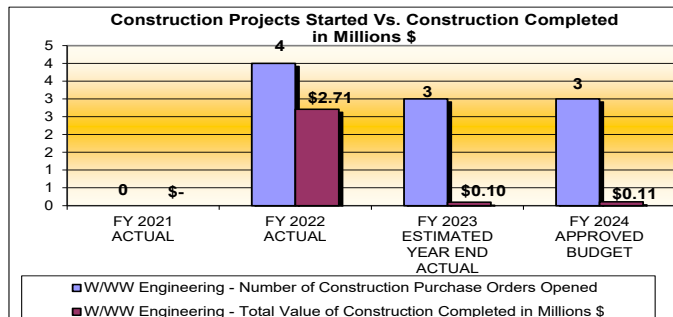
**OUTCOME MEASURES**

W/WW Engineering - Total Value of Construction Completed in Millions \$  
 W/WW Engineering - Total Value of Consulting Completed

**EFFICIENCY MEASURES**

W/WW Construction Work Completed Vs. Department Workforce  
 W/WW Engineering Design Completed Vs. Department Workforce  
 W/WW Number of Construction Projects Started Vs. Workforce  
 W/WW Number of Design Projects Started Vs. Workforce

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
0	2	2	2
0	2	2	2
0	4	4	4
0	0	0	0
0	4	3	3
0	6	12	13
\$ -	\$ 2.71	\$ 0.10	\$ 0.11
\$ -	\$ 0.36	\$ 0.57	\$ 0.62
\$ -	\$ 0.68	\$ 0.02	\$ 0.03
\$ -	\$ 0.09	\$ 0.14	\$ 0.16
0.00	1.00	0.75	0.75
0.00	1.50	3.00	3.25



## DEPARTMENT 3315 – W/WW PROJECT DEVELOPMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ -	\$ -	\$ 1,854	\$ 50,457
6105 Administrative Staff	-	-	-	-	6,182	78,037
6110 Clerical staff	-	-	-	-	18,755	192,953
6201 T.M.R.S.	-	-	-	-	408	59,307
6205 F.I.C.A.	-	-	-	-	29,315	19,930
6210 Medicare	-	-	-	-	3,792	4,661
6214 Dental Insurance	-	-	-	-	887	3,009
6215 Hospitalization insurance	-	-	-	-	280	66,255
6220 Life Insurance	-	-	-	-	5,368	372
6221 Long Term Disability Insurance	-	-	-	-	22	580
6225 Workers Compensation	-	-	-	-	41	8,036
6230 Vacation leave	-	-	-	-	1,562	4,105
6235 Sick leave	-	-	-	-	33,516	4,516
6260 Vacancy Savings	-	-	-	-	52,431	(16,072)
<i>O&amp;M PERSONNEL TOTAL</i>	-	-	-	-	154,416	476,146
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	906
7110 Dues & memberships	-	-	-	-	-	726
7120 Office supplies	-	-	-	-	-	906
7130 Postage/shipping charges	-	-	-	-	-	180
7140 Training expenses	-	-	-	-	-	752
7145 Travel expenses	-	-	-	-	-	752
7315 Food, meals, ice, water	-	-	-	-	-	906
7335 Wearing apparel & dry goods	-	-	-	-	-	871
7415 Fuels & lubricants	-	-	-	-	-	1,814
7805 Computer equipment	-	-	-	-	-	1,814
<i>O&amp;M NON-PERSONNEL TOTAL</i>	-	-	-	-	-	9,627
	-	-	-	-	154,416	485,773



Department Responsibility: **Mark V. Dombroski**  
 Title: **Assistant GM & COO**

Telephone Ext: **956 983-6575**  
 Dept. No: **4105**

**PERFORMANCE MEASURES  
FOR THE  
OPERATIONS DEPARTMENT**

**Department Function:**

The Assistant General Manager & Chief Operating Officer (AGM & COO) is the executive officer of the Brownsville PUB, which has responsibility for the operational functions of all the utilities. It is the AGM & COO's responsibility to support the General Manager & CEO to execute the plans and decisions of the Board; thereby, directing and coordinating the activities of all utility employees. The AGM & COO ensures that all policies and resolutions passed by the Board are enforced and duly administered. In addition, the AGM & COO informs the General Manager & CEO and the Board of legislative matters, capital improvements, budget items, policies, and services offered to customers. The Director of Electric Transmission and Distribution, Director of Water/Wastewater Operations, Director of Special Projects and Water/Wastewater Engineering & Planning, Director of Power Supply and Energy Risk Manager directly report to the AGM & COO.

**Department Goals/Objectives:**

The department's objectives are to provide our customers, both internally and externally, with economical, reliable, and responsive service. In addition, the department's goals are to:

- Identify, select, and retain a professional management team
- Conduct periodic staff meetings
- Recognize constraints and limitation of State and Industry guidelines, in addition to other applicable rules and regulations
- Efficiently direct all aspects of the utility systems
- Effectively direct Strategic Planning efforts in order to coordinate and prioritize goals and objectives

**INPUT MEASURES**

Employees (FTE)  
 O&M Expenditures Personnel  
 O&M Expenditures Non-Personnel

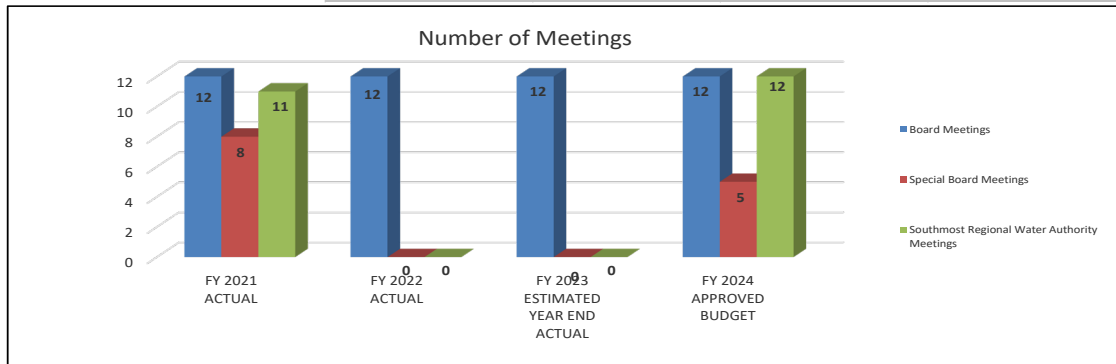
**OUTPUT MEASURES**

Board Meetings  
 Director Meetings  
 Agenda Items Reviewed

**OUTCOME MEASURES**

Joint Meetings with City Commission  
 Joint Meetings with Port of Brownsville  
 Southmost Regional Water Authority Meetings  
 Special Board Meetings  
 Joint Meetings with GBIC Director  
 Directors/Managers Meetings

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
Employees (FTE)	3	3	5	2
O&M Expenditures Personnel	\$ 606,806	\$ 787,765	\$ 467,836	\$ 438,754
O&M Expenditures Non-Personnel	\$ 336,926	\$ 99,360	\$ 27,900	\$ 101,739
Board Meetings	12	12	12	12
Director Meetings	48	48	48	52
Agenda Items Reviewed	300	300	300	300
Joint Meetings with City Commission	1	1	1	1
Joint Meetings with Port of Brownsville	-	-	-	-
Southmost Regional Water Authority Meetings	11	-	-	12
Special Board Meetings	8	-	-	5
Joint Meetings with GBIC Director	-	-	-	-
Directors/Managers Meetings	10	10	10	10



## DEPARTMENT 4105 – OPERATIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 325,474	\$ 379,855	\$ 498,295	\$ 592,771	\$ 357,524	\$ 267,862
6110 Clerical staff	47,568	47,771	29,104	36,296	38,327	47,029
6130 Overtime	1,661	1,574	1,217	2,295	3,140	3,663
6201 T.M.R.S.	89,671	92,388	118,156	110,716	76,584	58,097
6205 F.I.C.A.	16,907	16,818	27,650	39,002	21,815	19,523
6210 Medicare	5,602	6,359	8,549	9,121	5,776	4,566
6214 Dental Insurance	1,549	1,718	1,765	2,998	1,934	1,164
6215 Hospitalization insurance	25,395	31,043	32,290	57,832	37,686	24,634
6220 Life Insurance	241	283	307	669	272	332
6221 Long Term Disability Insurance	394	461	508	1,258	515	630
6225 Workers Compensation	9,864	11,212	15,122	15,727	10,222	7,872
6230 Vacation leave	15,422	(1,368)	20,537	8,033	(40,019)	4,021
6235 Sick leave	(96,567)	(404)	13,583	8,838	(23,893)	4,424
6242 Auto Benefits	16,500	15,866	17,192	24,000	8,135	9,000
6243 Telephone Benefits	3,360	3,231	3,489	5,040	1,745	1,680
6260 Vacancy Savings	-	-	-	(56,616)	-	(15,745)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>463,040</b>	<b>606,806</b>	<b>787,765</b>	<b>857,981</b>	<b>499,761</b>	<b>438,754</b>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	45	-
7110 Dues & memberships	1,056	289	130	750	4,115	680
7120 Office supplies	2,774	2,689	4,815	2,000	-	1,815
7130 Postage/shipping charges	-	72	-	150	-	136
7135 Telephone expenses	-	1,651	-	500	0	453
7140 Training expenses	695	450	725	2,500	895	1,250
7145 Travel expenses	10,917	1,147	5,252	5,000	3,987	2,500
7225 Safety supplies	377	819	186	500	-	453
7299 Other materials & supplies	506	330	365	750	-	680
7315 Food, meals, ice, water	1,374	386	261	-	690	750
7325 Rental of equip/storage/land	-	-	1,921	-	3,293	599
7601 Legal Fees	197,967	233,814	85,704	100,000	13,382	90,790
7635 Software maintenance service fees	-	-	-	300	-	272
7699 Other services	382	95,278	-	1,500	749	1,361
7806 Software licenses-new	-	-	-	-	-	-
7820 Office furniture & equipment	-	-	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>216,048</b>	<b>336,926</b>	<b>99,360</b>	<b>113,950</b>	<b>27,155</b>	<b>101,739</b>
	<b>679,088</b>	<b>943,732</b>	<b>887,125</b>	<b>971,931</b>	<b>526,916</b>	<b>540,493</b>



Department Responsibility: Lina Alvarez

Title: Energy Risk Manager

Telephone Ext: 6378

Dept. No: 4110

**PERFORMANCE MEASURES  
FOR THE  
ENERGY RISK MANAGEMENT DEPARTMENT**

**Department Function:**

Energy Risk Management Department (ERM) independently monitors and reports the execution of energy risk management activities results inclusive of energy transactions, new generation resources risk exposure and evaluation of new strategies to the Risk Oversight Committee (ROC). Also, ERM reviews, processes, and directs new opportunities for long-term power and incremental blocks of energy strategies needed. Perform calculations of risk exposure for the sources of risk identified in the ERM policy using ROC-approved risk measurement methods (if any are necessary). Temporarily adjust hedging and trading limits in order to reduce risk exposure of the organization in response to unusual adverse changes in market or operating conditions on an as-needed basis. Perform stress testing of the portfolio to determine the potential impacts on organizational financial measures that could be caused by large, unexpected price movements.

**Department Goals/Objectives:**

Goals include review of the forecast and current market conditions to mitigate any risk exposures. Reports that include power and gas price volatility and future curve projections to the Risk Oversight Committee. The Brownsville PUB Board has requested for Brownsville PUB staff to procure/negotiate required energy to meet the native load demands and projections.

**INPUT MEASURES**

Total O&M Expenses

**OUTPUT MEASURES:**

ERM Reports (monthly) produced

Audits Produced

Developed Energy Risk Analysis

Energy Risk Management Policy Updated

Review of Other Energy Risk Management Policies

Review of Load Forecast, Generation Resource

Availability & Costs

**OUTCOME MEASURES**

Transaction accountability review

Increase Energy Risk Management Analysis

Policy review

Run ERM Software

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
Total O&M Expenses	\$ 208,933	\$ 223,911	\$ 159,844	\$ 303,810
ERM Reports (monthly) produced	25	25	25	25
Audits Produced	1	1	2	1
Developed Energy Risk Analysis	10	10	12	12
Energy Risk Management Policy Updated	1	1	1	1
Review of Other Energy Risk Management Policies	12	12	12	12
Review of Load Forecast, Generation Resource	5	-	3	5
Availability & Costs				
Transaction accountability review	yes	yes	yes	yes
Increase Energy Risk Management Analysis	yes	yes	yes	yes
Policy review	yes	yes	yes	yes
Run ERM Software	yes	yes	yes	yes

## DEPARTMENT 4110 – ENERGY RISK MANAGEMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 92,334	\$ 92,081	\$ 96,589	\$ 96,325	\$ 42,447	\$ 112,840
6201 T.M.R.S.	16,132	16,343	16,943	16,953	7,485	20,819
6205 F.I.C.A.	5,712	5,697	5,977	5,972	2,630	6,996
6210 Medicare	1,336	1,332	1,398	1,397	615	1,636
6214 Dental Insurance	438	437	437	484	167	435
6215 Hospitalization insurance	6,943	7,642	8,041	8,988	3,107	8,827
6220 Life Insurance	76	75	76	105	37	121
6221 Long Term Disability Insurance	177	176	176	193	87	226
6225 Workers Compensation	2,308	2,302	2,415	2,408	1,061	2,821
6230 Vacation leave	2,158	2,955	(309)	1,230	67	1,441
6235 Sick leave	820	-	261	1,353	(7,073)	1,585
6260 Vacancy Savings	-	-	-	(8,669)	-	(5,642)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>128,435</b>	<b>129,040</b>	<b>132,004</b>	<b>126,739</b>	<b>50,630</b>	<b>152,106</b>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	-
7110 Dues & memberships	288	85	45	-	45	-
7115 Educational material	-	-	-	-	-	-
7120 Office supplies	173	8	1,395	400	465	363
7130 Postage/shipping charges	16	-	-	300	-	181
7140 Training expenses	-	-	600	1,000	-	1,650
7145 Travel expenses	1,137	-	1,222	1,500	-	2,250
7225 Safety supplies	-	-	-	-	64	-
7299 Other materials & supplies	366	564	277	150	228	181
7315 Food, meals, ice, water	34	29	15	-	164	-
7699 Other services	212,762	79,209	87,829	48,825	149,085	136,185
7709 Fuel - Gas Hedging Settlements	-	-	-	-	89,102	-
7805 Computer equipment	-	-	524	900	-	3,631
7806 Software licenses-new	2,344	-	-	500	-	7,263
7820 Office furniture & equipment	195	-	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>217,314</b>	<b>79,893</b>	<b>91,907</b>	<b>53,575</b>	<b>239,154</b>	<b>151,704</b>
	<b>345,749</b>	<b>208,933</b>	<b>223,911</b>	<b>180,314</b>	<b>289,784</b>	<b>303,810</b>



<b>Department Responsibility:</b>	Jaime Estrada
<b>Title:</b>	Director of Operational Support Services
<b>Telephone Ext:</b>	6218
<b>Dept. No:</b>	4115

**PERFORMANCE MEASURES  
FOR THE  
ASSET MANAGEMENT DEPARTMENT**

**Department Function:**

The Asset Management Department's primary function is to develop a comprehensive preventative maintenance program and provide engineering support to different water/wastewater/electrical operations groups companywide to assist them in reducing losses caused by equipment malfunctions, this helps BPUB achieve optimum equipment availability at an extended equipment life for maximum utilization of resources. The department identifies electromechanical assets, prioritizes them, strategizes maintenance, and implements engineering reliability solutions.

**Department Goals/Objectives:**

The Asset Management Department's goal is to help BPUB maximize the value and reliability of its electromechanical assets through the implementation of equipment preventative maintenance programs in line with industry best practices. The objective is to help BPUB address its growing infrastructure and business demands by providing a reliable infrastructure, which translates into competitive rates and exceptional customer service.

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
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**INPUT MEASURES**

WTP2 % Completion of Reliability Program	0%	50%	70%	100%
Number of Planners and Reliability Engineers	0	0	0	2
Number of Engineering Reliability Solutions Developed	0	0	1	5
WTP2 Equipment Hours Required for 100% Reliability	665,765	665,765	665,765	665,765

**OUTPUT MEASURES**

WTP2 % Implementation of Reliability Program	0%	0%	0%	50%
Number of Equipment Issues	329	282	247	286

**OUTCOME MEASURES**

WTP2 Equipment Downtime-Hours	205,032	182,184	380,184	255,800
WTP2 Equipment Available-Hours	460,728	483,576	285,576	409,960

**EFFICIENCY MEASURES**

WTP2 % Equipment Reliability	69%	73%	43%	62%
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## DEPARTMENT 4115 –ASSET MANAGEMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6105 Administrative Staff	\$ -	\$ -	\$ -	\$ 1,000	\$ 20,772	\$ 1,000
6130 Overtime	-	-	-	-	-	-
6201 T.M.R.S.	-	-	-	-	3,668	-
6205 F.I.C.A.	-	-	-	-	1,236	-
6210 Medicare	-	-	-	-	289	-
6214 Dental Insurance	-	-	-	-	126	-
6215 Hospitalization insurance	-	-	-	-	2,504	-
6220 Life Insurance	-	-	-	-	16	-
6221 Long Term Disability Insurance	-	-	-	-	38	-
6225 Workers Compensation	-	-	-	-	519	-
6230 Vacation leave	-	-	-	-	1,154	-
6235 Sick leave	-	-	-	-	1,154	-
<i>O&amp;M PERSONNEL TOTAL</i>	-	-	-	1,000	31,476	1,000
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	-	-	-	500	-	453
7120 Office supplies	-	-	-	2,000	68	1,815
7140 Training expenses	-	-	-	-	-	-
7145 Travel expenses	-	-	-	-	-	-
7225 Safety supplies	-	-	-	200	-	181
7299 Other materials & supplies	-	-	-	800	-	726
7605 Engineering fees	-	-	40,936	250,000	-	136,185
7699 Other services	-	-	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	-	-	40,936	253,500	68	139,360
	-	-	40,936	254,500	31,544	140,360





Department Responsibility: Gustavo C. Leal

Title: NERC Compliance Manager & CCO

Telephone Ext: 6314

Dept. No: 4210

**PERFORMANCE MEASURES  
FOR THE  
NERC COMPLIANCE DEPARTMENT**

**Department Function:**

The NERC Compliance Department is primarily responsible for overseeing and managing the Brownsville Public Utilities Board NERC Compliance Program. The department is also responsible for ensuring that the different applicable company departments and its employees are in compliance with regulatory requirements and BPUB internal policies and procedures pertaining to this program.

**Department Goals/Objectives:**

The NERC Compliance Department's goals and objectives are to ensure that BPUB complies with all applicable FERC, NERC and ERCOT protocols and regulations and to continually and proactively review its operations and activities to comply with applicable standards and requirements.

**INPUT MEASURES**

Number of Employees

O&M Personnel Expenses

O&M Non-Personnel Expenses

**OUTPUT MEASURES**

Yearly Misoperations Submittals

Number of 693 Policies and Procedures Reviewed

Number of CIP Policies and Procedures Reviewed

Provide Awareness Training to Employees with access to BES Cyber Systems

Quarterly Access Verification for Authorized Personnel to BES Cyber Systems

Total Annual Number of Cybersecurity Training Hours for Employees with access to BES Cyber Systems

Total Number of NERC Requirements

ERCOT protocols and operating guides sections

**OUTCOME MEASURES**

Number of Cybersecurity Trainings to Provide

Review of NERC Responsibility Matrix

**EFFICIENCY MEASURES**

% of Awareness Training for Employees

% of Cybersecurity Training for Employees

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024. APPROVED BUDGET
Number of Employees	5	5	5	5
O&M Personnel Expenses	\$ 464,267	\$ 520,868	\$ 546,802	\$ 609,837
O&M Non-Personnel Expenses	\$ 28,389	\$ 46,965	\$ 109,004	\$ 60,490
Yearly Misoperations Submittals	4	4	4	4
Number of 693 Policies and Procedures Reviewed	37	40	40	41
Number of CIP Policies and Procedures Reviewed	10	19	19	19
Provide Awareness Training to Employees with access to BES Cyber Systems	856	860	859	852
Quarterly Access Verification for Authorized Personnel to BES Cyber Systems	4	4	4	4
Total Annual Number of Cybersecurity Training Hours for Employees with access to BES Cyber Systems	248	288	292	296
Total Number of NERC Requirements	789	866	884	956
ERCOT protocols and operating guides sections	36	36	38	38
Number of Cybersecurity Trainings to Provide	13	13	13	13
Review of NERC Responsibility Matrix	2	2	2	2
% of Awareness Training for Employees	100%	100%	100%	100%
% of Cybersecurity Training for Employees	100%	100%	100%	100%

## DEPARTMENT 4210 – NERC COMPLIANCE

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 112,392	\$ 112,321	\$ 118,829	\$ 117,250	\$ 120,746	\$ 123,115
6105 Administrative Staff	197,478	190,839	238,403	276,702	290,475	304,886
6110 Clerical staff	-	-	-	-	-	-
6130 Overtime	-	-	-	-	-	-
6201 T.M.R.S.	55,738	55,726	62,629	69,336	72,455	78,966
6205 F.I.C.A.	19,174	18,715	21,369	24,425	24,731	26,536
6210 Medicare	4,484	4,377	4,998	5,712	5,784	6,206
6214 Dental Insurance	2,039	2,217	2,447	2,946	2,878	2,945
6215 Hospitalization insurance	38,533	47,775	55,434	66,268	59,534	65,076
6220 Life Insurance	260	259	286	437	340	471
6221 Long Term Disability Insurance	589	584	650	788	773	856
6225 Workers Compensation	7,976	7,848	8,931	9,849	10,281	10,700
6230 Vacation leave	8,859	16,206	2,957	5,031	(3,219)	5,466
6235 Sick leave	(972)	7,399	3,936	5,535	2,297	6,013
6260 Vacancy Savings	-	-	-	(35,456)	-	(21,400)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>446,549</b>	<b>464,267</b>	<b>520,868</b>	<b>548,822</b>	<b>587,076</b>	<b>609,837</b>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	-
7110 Dues & memberships	45	45	45	100	45	90
7120 Office supplies	293	604	765	600	260	544
7130 Postage/shipping charges	-	-	42	-	-	-
7135 Telephone expenses	-	-	-	-	-	-
7140 Training expenses	-	-	-	-	1,650	3,275
7145 Travel expenses	851	-	-	-	-	750
7225 Safety supplies	141	-	375	500	-	453
7305 ERCOT expenses	49,581	27,200	44,400	50,000	77,501	45,395
7315 Food, meals, ice, water	263	-	207	-	763	907
7325 Rental of equip/storage/land	118	72	179	1,000	2,325	3,631
7635 Software maintenance service fees	468	468	468	500	-	1,815
7805 Computer equipment	475	-	111	1,000	123	1,815
7806 Software licenses-new	-	-	373	1,000	-	1,815
7820 Office furniture & equipment	-	-	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>52,234</b>	<b>28,389</b>	<b>46,965</b>	<b>54,700</b>	<b>82,666</b>	<b>60,490</b>
	<b>498,783</b>	<b>492,656</b>	<b>567,833</b>	<b>603,522</b>	<b>669,742</b>	<b>670,327</b>



Department Responsibility: **Cassandra Rosales**  
 Title: **Fuel & Purchased Energy Mgr.**  
 Telephone Ext: **6312**  
 Dept. No: **4220**

**PERFORMANCE MEASURES  
FOR THE  
FUEL & PURCHASED ENERGY SUPPLY DEPARTMENT**

**Department Function:**

The department is responsible for the energy accounting including power production costs, energy sales, calculations for the fuel and energy purchase charge and analyzing, reconciling and settlement of TCOS for accounts payable and fuel & energy supply invoices for the Silas Ray and Hidalgo power plants, the Sendero Wind Farm and AEP Power Purchase Agreements. Other functions include requests for proposals, requests for qualifications, departmental budgeting, and analyzing operational data, such as system load demand and generation capacity to meet BPUB requirements. The department also maintains Fuel and Energy contracts for the reliability of the BPUB electrical system.

**Department Goals/Objectives:**

**INPUT MEASURES**

Employees  
 O&M Personnel Expenses  
 O&M Non-Personnel Expenses

**OUTPUT MEASURES**

Fuel & Energy Invoices/Transactions Processed  
 Fuel & Energy Contracts Maintained  
 Fuel & Energy Data Modeling  
 Pre-Assigned Congestion Revenue Rights Auctions/Nominations

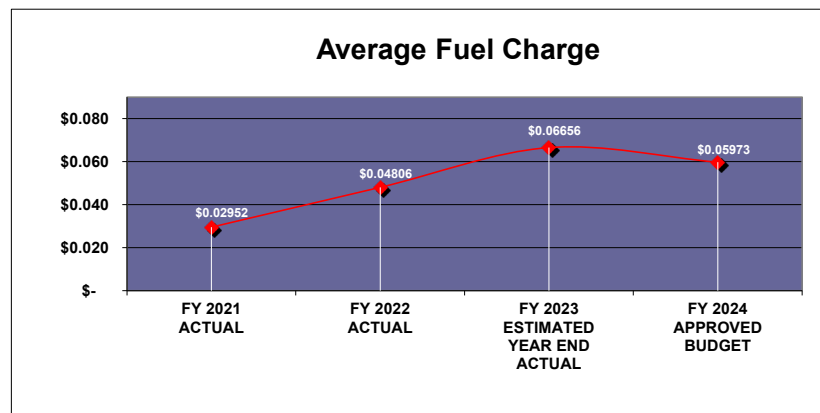
**OUTCOME MEASURES**

Fuel & Energy Reports  
 Fuel & Purchase Energy Charge Projections  
 Load and Capacity Forecast  
 Pre-Assigned Congestion Revenue Rights Auctions/Nominations Awarded

**EFFICIENCY MEASURES**

% of Fuel & Energy Requirements Met  
 % of Fuel & Energy Invoices Processed  
 % of Fuel & Energy Contracts Maintained  
 Average Fuel Charge

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
2	2	2	2
\$ 206,001	\$ 159,501	\$ 157,082	\$ 275,580
\$ 206,810,434	\$ 105,935,163	\$ 15,260	\$ 89,758,353
751	795	784	789
10	9	9	9
13	12	12	27
12	12	12	18
298	292	309	309
12	12	12	12
13	12	12	17
12	12	12	18
100%	100%	100%	100%
100%	100%	100%	100%
100%	100%	100%	100%
\$ 0.02952	\$ 0.04806	\$ 0.06656	\$ 0.05973



## DEPARTMENT 4220 – FUEL & PURCHASED ENERGY SUPPLY

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 74,579	\$ 74,375	\$ 48,086	\$ -	\$ 38,177	\$ 115,232
6105 Administrative Staff	61,263	61,095	69,062	71,573	84,725	76,336
6201 T.M.R.S.	23,734	24,044	20,569	12,597	21,671	35,344
6205 F.I.C.A.	7,755	7,669	6,704	4,438	7,031	11,877
6210 Medicare	1,814	1,794	1,568	1,038	1,644	2,778
6214 Dental Insurance	1,466	1,460	1,178	810	1,021	1,457
6215 Hospitalization insurance	24,783	27,367	23,190	16,097	20,305	31,615
6220 Life Insurance	117	116	93	80	103	209
6221 Long Term Disability Insurance	260	258	211	143	238	383
6225 Workers Compensation	3,396	3,387	2,929	1,789	3,073	4,789
6230 Vacation leave	5,813	4,437	(9,763)	914	6,935	2,446
6235 Sick leave	(3,662)	-	(4,325)	1,006	8,258	2,692
6260 Vacancy Savings	-	-	-	(6,442)	-	(9,578)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>201,316</b>	<b>206,001</b>	<b>159,501</b>	<b>104,042</b>	<b>193,183</b>	<b>275,580</b>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	3,510	3,690	3,820	4,500	4,130	4,085
7110 Dues & memberships	-	2,000	2,000	2,000	2,000	1,815
7120 Office supplies	754	169	782	300	299	1,089
7130 Postage/shipping charges	-	-	-	-	60	181
7135 Telephone expenses	234	-	-	-	-	-
7225 Safety supplies	-	464	179	250	-	226
7299 Other materials & supplies	-	-	-	-	-	-
7305 ERCOT expenses	1,117,073	916,302	658,302	900,000	-	-
7315 Food, meals, ice, water	27	-	30	-	15	90
7601 Legal Fees	-	-	-	-	-	-
7605 Engineering fees	2,438	11,875	8,186	10,000	6,898	22,697
7635 Software maintenance service fees	4,688	-	-	4,000	840	5,447
7701 Fuel - Natural gas - Silas Ray	1,198,891	8,591,978	1,948,866	2,000,000	1,704,551	2,000,000
7702 Fuel - Natural Gas - Hidalgo Energy	8,021,431	33,315,139	19,274,254	15,000,000	9,722,575	10,000,000
7704 Fuel - TETCO/Hinshaw Pipeline	838,119	1,095,257	940,443	1,500,000	872,428	1,000,000
7705 Fuel - Coal - Oklaunion	3,778,547	-	-	-	-	-
7706 Fuel-Diesel-Distributed Generation	-	12,977	7,020	-	-	-
7707 Fuel - Diesel oil - Oklaunion	90,616	-	-	-	-	-
7708 Fuel-Natural Gas Tranp-Silas Ray	122,914	120,331	96,926	200,000	192,633	200,000
7709 Fuel - Gas Hedging Settlements	-	-	-	-	-	3,000,000
7714 Pchp - Wind Resources	3,149,159	2,315,270	3,328,180	5,000,000	4,026,889	5,000,000
7720 Pchp - Resource Imbalance	6,653,338	60,597,664	6,875,770	4,500,000	12,441,528	12,000,000
7721 Pchp - Economy power	7,169,856	10,637,679	23,261,861	18,000,000	26,729,842	15,000,000
7724 Pchp - Fixed Energy - AEP PPA	-	13,490,400	14,236,695	14,000,000	14,265,206	14,000,000
7726 Pchp - Bilateral Energy Expns-Gas	-	-	-	8,181	-	7,103
7727 Pchp - Bilateral Energy-Gas Transp	-	-	-	818	-	710
7729 Pchp - TCOS (Wheeling)	8,675,265	9,848,333	9,242,257	8,800,000	8,405,542	8,800,000
7732 Pchp - Hidalgo Fixed Operation Fee	-	-	-	-	-	-
7733 Pchp - Bilateral Ancillary Services	1,473,738	30,187,914	4,962,520	4,700,000	6,833,618	3,500,000
7735 Pchp - Regulatory and Contractual	-	-	-	-	84,175	100,000
7736 Pchp - QSE Charges	404,101	405,741	410,728	420,000	416,929	420,000
7737 Pchp - Ercot Charges	1,055,882	1,798,044	905,114	1,300,000	1,431,189	1,700,000
7738 Pchp - CSC Congestion Cost (CSCBE)	4,932,015	(1,193,743)	6,937,072	6,500,000	431,041	3,500,000
7740 Power marketing services	321,856	1,932,530	562,147	800,000	793,394	500,000
7750 Pchp - Real Time Energy - Wind	4,310,175	8,423,072	6,014,839	4,908,645	5,508,026	4,261,700
7751 Pchp - Reliability Unit Cmt Exp-Gas	2,203	7,041	13,956	81,811	42,283	71,028
7752 Pchp - Reliab Unit Cmt - Gas Transp	304	445	565	8,181	4,646	7,103
7753 Pchp - Day Ahead Energy Exp-Gas	941,764	51,023	425,278	409,054	229,978	355,142
7754 Pchp - Day Ahead Energy-Gas Transp	77,604	38,626	25,133	40,905	33,145	35,514
7755 Pchp - Real Time Energy Exp-Gas	1,928,397	23,021,154	5,510,357	3,108,808	4,323,482	3,551,417
7756 Pchp - Real Time Energy - Gas Transp	197,919	1,165,867	281,881	24,543	468,617	355,142
7759 Pchp - Real Time Energy - Coal	387,351	-	-	-	-	-
7760 Pchp - Day Ahead Energy-Wind	3,228,190	12,296	-	409,054	-	355,141
7805 Computer equipment	69	128	-	500	24	2,723
7820 Office furniture & equipment	-	768	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>60,088,427</b>	<b>206,810,434</b>	<b>105,935,163</b>	<b>92,641,550</b>	<b>98,975,982</b>	<b>89,758,353</b>
	<b>60,289,743</b>	<b>207,016,435</b>	<b>106,094,664</b>	<b>92,745,592</b>	<b>99,169,165</b>	<b>90,033,933</b>



Department Responsibility: Mark Dombroski  
 Title: Assistant GM & COO  
 Telephone Ext: 6726  
 Dept. No: 4230

**PERFORMANCE MEASURES  
 FOR THE  
 NATURAL GAS UTILITY MANAGEMENT DEPARTMENT**

**Department Function:**

The department is responsible for the management of the transmission of natural gas to the City of Brownsville for Industrial and large Commercial users.

**Department Goals/Objectives:**

The Department will ensure adequate supply of natural gas and compliance with all applicable federal, state, and local laws and regulations.

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	-
7315 Food, meals, ice, water	-	-	-	-	-	-
7605 Engineering fees	-	-		1,000	-	907
<i>O&amp;M NON-PERSONNEL TOTAL</i>	-	-	-	1,000	-	907
	-	-	-	1,000	-	907

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Department Responsibility:	Jaime Estrada
Title:	Director of W/WW Operations
Telephone Ext:	6218
Dept. No:	4310

**PERFORMANCE MEASURES  
FOR THE  
W/WW OPERATIONS SERVICES**

**Department Function:**

The W/WW Operations Division is responsible for defining, implementing, managing, and communicating the effective execution of operational strategies, processes, and programs for the Wastewater Treatment Plants, Water Treatment Plants, SRWA, the W/WW Distribution and Maintenance department, which in total is composed of seven departments that address the Water & Wastewater transmission and distribution systems.

**Department Goals/Objectives:**

The department's objectives are to provide our customers, both internally and externally, with economical, reliable, and quality service to effectively direct Strategic Planning efforts in order to coordinate and prioritize goals and objectives for Electrical, Water and Wastewater Services. Recognize constraints and limitations of State and Industry guidelines in addition to other applicable rules and regulations and keeping the company in compliance with said rules and regulations. Conduct periodic staff meetings and workshops in order to keep staff up to date with industry rules, regulations and standards.

The performance measures of this division are measured through the performance indicators associated with the departments within the division. The departments of that make up this division are as follows:

3120 - Water Plant 1  
3130 - Water Plant II  
3145 - Plant Maintenance  
3150 - W/WW Operations & Construction  
3155 - W/WW Maintenance & Operations  
3160 - Potable Water Transportation Service  
3190 - Southmost Regional Water Authority (92.4% BPUB Ownership)  
3210 - South Wastewater Treatment Plant  
3220 - Robindale Wastewater Treatment Plant  
3225 - W/WW Sludge Management  
3230 - Wastewater Lift Stations  
4115 - Asset Management

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
<b>INPUT MEASURES</b>				
Employees (FTE)	1	4	3	4
O&M Expenditures Personnel	\$ 451,492	\$ 391,328	\$ 505,043	785,488
O&M Expenditures Non-Personnel	\$ 42,233	\$ 13,651	\$ 4,846	18,702
<b>OUTPUT MEASURES</b>				
Meeting with Operations Directors - Bi-Weekly				
Meet w/ OSS/WWWO Management - Weekly	47	38	42	52
Meet w/ OSS/WWWO Div Management - Quarterly	4	1	2	4
Directors Meeting with Executive Management - Weekly	24	49	48	52
<b>OUTCOME MEASURES</b>				
Meeting with OSS/WWWO Management - Monthly	55	32	15	60
Directors and Managers Meeting - Monthly	6	10	10	10
PUBCAP Meeting - Monthly	6	10	10	10
BPUB Board Meeting/Special Board Meetings	17	16	19	16
SRWA Board Meeting - Monthly	8	8	12	12

## DEPARTMENT 4310 – OPERATIONAL SUPPORT SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 333,676	\$ 262,449	\$ 273,688	\$ 266,893	\$ 328,372	\$ 522,818
6110 Clerical staff	32,912	47,010	1,978	29,869	26,110	39,541
6130 Overtime	2,182	2,175	-	886	1,486	1,711
6201 T.M.R.S.	72,228	66,350	50,255	52,230	64,240	103,755
6205 F.I.C.A.	22,451	19,603	16,466	16,699	21,190	34,866
6210 Medicare	5,351	4,782	4,036	4,303	5,199	8,154
6214 Dental Insurance	2,383	2,086	1,355	1,910	1,774	2,154
6215 Hospitalization insurance	36,658	36,685	25,918	36,578	36,039	60,554
6220 Life Insurance	296	252	206	322	279	605
6221 Long Term Disability Insurance	656	540	429	594	568	1,125
6225 Workers Compensation	9,472	8,440	7,121	7,419	9,111	14,059
6230 Vacation leave	18,064	(8,375)	(1,543)	3,790	9,773	7,181
6235 Sick leave	1,513	667	2,239	4,170	55,395	7,901
6242 Auto Benefits	7,500	7,212	7,500	7,500	6,923	7,500
6243 Telephone Benefits	1,680	1,616	1,680	1,680	1,551	1,680
6260 Vacancy Savings	-	-	-	(26,709)	-	(28,118)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>547,024</b>	<b>451,492</b>	<b>391,328</b>	<b>408,132</b>	<b>568,010</b>	<b>785,488</b>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	-
7110 Dues & memberships	1,045	2,892	2,120	1,775	2,161	1,611
7115 Educational material	-	-	-	-	-	-
7120 Office supplies	283	362	54	1,200	898	1,361
7130 Postage/shipping charges	49	-	-	150	-	136
7140 Training expenses	590	50	175	3,170	745	2,250
7145 Travel expenses	1,425	-	2,061	4,400	1,967	3,000
7225 Safety supplies	-	80	22	250	57	272
7299 Other materials & supplies	500	41	-	500	-	453
7315 Food, meals, ice, water	133	-	325	-	1,133	1,815
7325 Rental of equip/storage/land	-	-	1,001	-	368	544
7415 Fuels & lubricants	-	-	-	-	111	-
7601 Legal Fees	5,570	24,835	7,414	7,500	5,285	4,538
7605 Engineering fees	-	-	-	2,000	-	2,269
7699 Other services	675,690	13,922	-	-	-	-
7801 Communication equipment	-	-	-	-	-	-
7805 Computer equipment	-	-	-	500	265	453
7820 Office furniture & equipment	813	51	480	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>686,098</b>	<b>42,233</b>	<b>13,651</b>	<b>21,445</b>	<b>12,990</b>	<b>18,702</b>
	<b>1,233,122</b>	<b>493,725</b>	<b>404,979</b>	<b>429,577</b>	<b>581,000</b>	<b>804,190</b>





**Department Responsibility:** Miguel A. Perez  
**Title:** Chief Financial Officer  
**Telephone Ext:** 6187  
**Dept. No:** 5105

**PERFORMANCE MEASURES  
FOR THE  
FINANCE OFFICE DEPARTMENT**

**Department Function:**

The Chief Financial Officer (CFO) is an executive officer of the Brownsville PUB and has fiduciary responsibility for administering all financial proceedings of the Brownsville Public Utilities Board (BPUB). Provides internal and external leadership and overall direction for all financial and enterprise solutions services. Working directly under the General Manager & CEO, develops and implements the mission of the utility. The Director of Enterprise Solutions and Director of Finance report directly to the CFO.

**Department Goals/Objectives:**

The department's goals objectives are

**INPUT MEASURES**

Employees (FTE)  
 O&M Expenditures Personnel  
 O&M Expenditures Non-Personnel

**OUTPUT MEASURES**

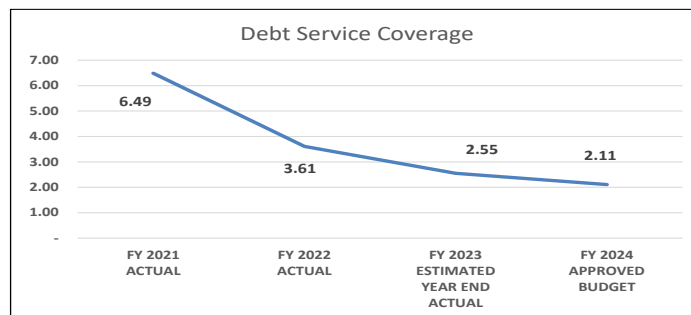
Finance Committee Meetings

**OUTCOME MEASURES**

Maintain Three-Month Operating Reserve  
 Bond Rating Desired: A (Fitch / Moody's / S&P )  
 Debt Service Coverage (Goal: minimum 1.5)  
 Compliance With Bond Covenants  
 Compliance With GAAP, GASB, FERC

**EFFICIENCY MEASURES**

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
N/A	N/A	2	2
N/A	N/A	\$ -	\$ 377,639
N/A	N/A	\$ -	\$ 26,244
N/A	N/A	N/A	N/A
Yes	Yes	Yes	Yes
A- / A2 / A-	A- / A2 / A-	A- / A2 / A-	A+ / A1 / A+
6.49	3.61	2.55	2.11
Yes	Yes	Yes	Yes
Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes



## DEPARTMENT 5105 – FINANCE OFFICE

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ -	\$ -	\$ 74,156	\$ 226,830
6110 Clerical staff	-	-	-	-	15,492	46,384
6130 Overtime	-	-	-	-	1,833	-
6201 T.M.R.S.	-	-	-	-	18,191	50,408
6205 F.I.C.A.	-	-	-	-	3,428	16,939
6210 Medicare	-	-	-	-	1,347	3,962
6214 Dental Insurance	-	-	-	-	322	990
6215 Hospitalization insurance	-	-	-	-	6,001	20,112
6220 Life Insurance	-	-	-	-	60	290
6221 Long Term Disability Insurance	-	-	-	-	98	546
6225 Workers Compensation	-	-	-	-	2,361	6,830
6230 Vacation leave	-	-	-	-	24,438	3,489
6235 Sick leave	-	-	-	-	20,279	3,839
6242 Auto Benefits	-	-	-	-	2,769	9,000
6243 Telephone Benefits	-	-	-	-	517	1,680
6260 Vacancy Savings	-	-	-	-	-	(13,661)
<i>O&amp;M PERSONNEL TOTAL</i>	-	-	-	-	171,292	377,639
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	100
7110 Dues & memberships	-	-	-	-	-	2,000
7120 Office supplies	-	-	-	-	-	4,500
7130 Postage/shipping charges	-	-	-	-	-	50
7140 Training expenses	-	-	-	-	580	1,570
7145 Travel expenses	-	-	-	-	2,380	4,874
7199 Miscellaneous office expenses	-	-	-	-	-	50
7225 Safety supplies	-	-	-	-	-	-
7299 Other materials & supplies	-	-	-	-	-	50
7315 Food, meals, ice, water	-	-	-	-	-	6,500
7601 Legal Fees	-	-	-	-	-	4,500
7801 Communication equipment	-	-	-	-	-	250
7805 Computer equipment	-	-	-	-	-	1,800
<i>O&amp;M NON-PERSONNEL TOTAL</i>	-	-	-	-	2,960	26,244
	-	-	-	-	174,252	403,883



Department Responsibility: **Monica Cavazos**

Title: **Director**

Telephone Ext: **6172**

Dept. No: **5110**

**PERFORMANCE MEASURES  
FOR THE  
FINANCE DEPARTMENT**

**Department Function:**

The Finance Department coordinates development and implementation of Operations and Capital budgets, manages short term and long term debt issues, prepares continuing disclosure documents, coordinates monthly and annual financial reporting and external audit, prepares revenue forecasts, rate analysis, and proforma financial summaries, business process assessments, manages daily division activity and provides oversight to other division departments.

**Department Goals/Objectives:**

The Finance Department's goal is to achieve best in class financial performance through implementation of sound financial practices, enhancing revenue streams that support current and future needs, achieving cost savings by encouraging resourcefulness, proactively meeting and surpassing rating criteria and avoiding financial liabilities by managing risks. The department's objectives are to provide technical accounting oversight to Brownsville PUB departments to ensure that generally accepted accounting procedures and Brownsville PUB policies and procedures are consistently applied, to perform timely reconciliation of accounts, to maintain the integrity of the Brownsville PUB's accounting records, and to satisfy all reporting requirements.

**INPUT MEASURES**

Employees (FTE's)  
Total O&M Expenses  
Approved Annual Financial Plan  
Approved Annual Capital Plan  
Average Mo. Bank Transactions Reconciled  
No. of JEs Processed for Recon. of Accts.

**OUTPUT MEASURES**

No. of Bank Accounts Reconciled Annually  
Operational Reports Produced (monthly)

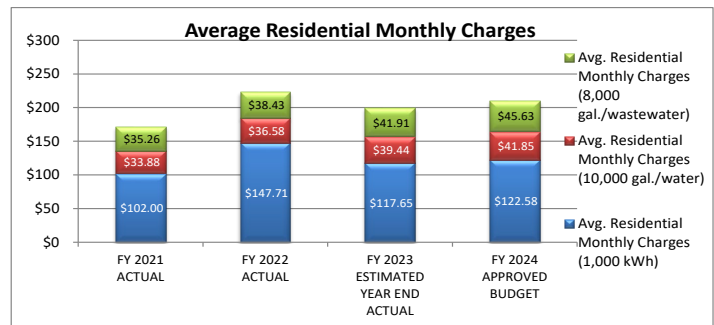
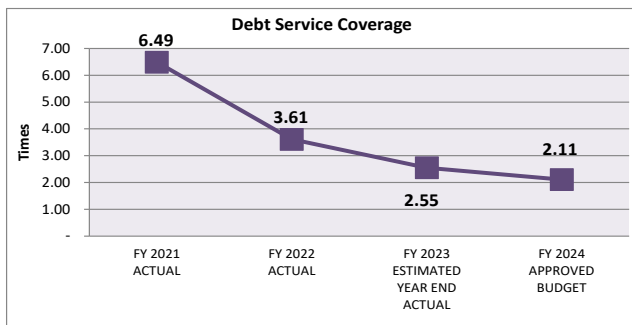
**OUTCOME MEASURES**

Maintain Three-Month Operating Reserve  
Bond Rating Desired: A (Fitch / Moody's / S&P )  
Debt Service Coverage (Goal: minimum 1.5)  
Compliance With Bond Covenants  
Compliance With GAAP, GASB, FERC

**EFFICIENCY MEASURES**

Avg. Residential Monthly Charges (1,000 kWh)  
Avg. Residential Monthly Charges (10,000 gal./water)  
Avg. Residential Monthly Charges (8,000 gal./wastewater)

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
9	10	6	6
\$ 1,586,351	\$ 1,338,302	\$ 1,368,200	\$ 903,876
\$ 224,617,536	\$ 224,387,503	\$ 253,330,884	\$ -
\$ 87,938,389	\$ 98,169,572	\$ 92,133,995	\$ -
1,140	-	-	-
4,347	-	-	-
324	324	324	324
12	12	12	12
Yes	Yes	Yes	Yes
A+ / A2 / A-	A+ / A2 / A-	A- / A2 / A-	A- / A2 / A-
6.49	3.61	2.55	2.11
Yes	Yes	Yes	Yes
Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes
\$ 102.00	\$ 147.71	\$ 117.65	\$ 122.58
\$ 33.88	\$ 36.58	\$ 39.44	\$ 41.85
\$ 35.26	\$ 38.43	\$ 41.91	\$ 45.63



## DEPARTMENT 5110 – FINANCE

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 477,507	\$ 547,595	\$ 522,498	\$ 531,927	\$ 529,448	\$ 367,399
6105 Administrative Staff	76,808	84,499	94,819	157,562	67,878	58,323
6110 Clerical staff	43,494	43,212	43,467	44,658	44,713	42,182
6130 Overtime	483	288	1,047	1,546	3,023	2,129
6201 T.M.R.S.	118,645	155,939	135,509	129,210	133,541	86,328
6205 F.I.C.A.	29,378	42,212	35,144	45,517	38,354	29,010
6206 Suta	7,623	-	4,318	-	-	-
6210 Medicare	8,637	10,933	9,413	10,645	9,654	6,785
6214 Dental Insurance	4,253	4,966	4,558	5,506	4,063	2,644
6215 Hospitalization insurance	64,788	88,500	87,184	106,291	78,508	54,454
6220 Life Insurance	453	552	498	804	524	513
6221 Long Term Disability Insurance	890	1,099	1,008	1,468	1,080	936
6225 Workers Compensation	15,308	19,459	16,948	18,354	17,325	11,698
6230 Vacation leave	18,633	52,641	14,935	9,375	(45,750)	5,975
6235 Sick leave	(73,938)	20,422	14,555	10,315	7,025	6,574
6242 Auto Benefits	9,000	11,077	13,327	16,500	13,731	7,500
6243 Telephone Benefits	-	1,551	2,649	1,680	2,843	1,680
6260 Vacancy Savings	-	-	-	(66,073)	-	(23,395)
<i>O&amp;M PERSONNEL TOTAL</i>	801,962	1,084,944	1,001,878	1,025,285	905,960	660,735
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	852	159	129	-	-	-
7110 Dues & memberships	2,358	1,291	1,966	2,400	4,104	-
7115 Educational material	-	-	-	-	-	-
7120 Office supplies	16,272	6,613	9,992	7,500	22,000	2,200
7130 Postage/shipping charges	574	238	179	200	79	75
7140 Training expenses	210	8,351	8,501	4,630	2,905	635
7145 Travel expenses	4,905	1,779	9,693	9,200	12,858	2,331
7147 Mileage Reimbursement (InTownExp)	17	-	-	-	9	-
7199 Miscellaneous office expenses	3,477	(262)	4,288	50	214	75
7225 Safety supplies	47	-	-	-	19	-
7299 Other materials & supplies	70	-	14	50	1,656	75
7315 Food, meals, ice, water	249	-	3,492	2,000	6,297	450
7325 Rental of equip/storage/land	5,265	7,119	7,038	6,000	11,709	5,400
7415 Fuels & lubricants	-	-	-	-	-	-
7601 Legal Fees	206,256	118,858	(9,547)	5,000	18,247	4,500
7605 Engineering fees	5,712	-	-	-	26,450	50,000
7610 Financial advisor services	130,388	86,527	82,127	70,000	103,398	60,000
7615 External auditor fees	15,155	117,201	65,164	69,900	47,500	66,000
7635 Software maintenance service fees	3,436	-	-	-	1,099	-
7699 Other services	134,135	153,299	151,538	50,000	128,686	50,000
7801 Communication equipment	-	235	-	-	-	-
7805 Computer equipment	225	-	1,850	2,000	470	1,000
7806 Software licenses-new	203	-	-	-	1,099	400
7820 Office furniture & equipment	704	-	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	530,511	501,407	336,424	228,930	388,798	243,141
	1,332,473	1,586,351	1,338,302	1,254,215	1,294,758	903,876



Department Responsibility: **George Rangel**

Title: **Financial Manager**

Telephone Ext: **6185**

Dept. No: **5115**

### PERFORMANCE MEASURES FOR THE FINANCIAL SERVICES

#### Department Function:

The Financial Services Department helps coordinate the development and implementation of Operations and Capital budgets, prepares continuing disclosure documents, coordinates monthly and annual financial reporting and external audit, prepares revenue forecasts, proforma financial summaries, capitalizes BPUB's assets, and oversees all aspects of grant administration.

#### Department Goals/Objectives:

The Financial Services Department's objective is to achieve best in class financial performance through implementation of sound financial practices, enhancing revenue streams that support current and future needs, achieving cost savings by encouraging resourcefulness, establishing the framework for safeguarding BPUB's capital assets, and to document and monitor all grants both ethically and in accordance with state and/or federal guidelines.

#### INPUT MEASURES

Employees (FTE's)  
Total O&M Expenses  
Annual Financial Plan  
Annual Capital Plan  
Capital Assets, Net Capitalized in GP Dynamics

#### OUTPUT MEASURES

No. of Operational Reports Produced Annually  
No. of Notice of Funding Opportunity Reviewed  
Dollar Recorded for Capital Asset Additions

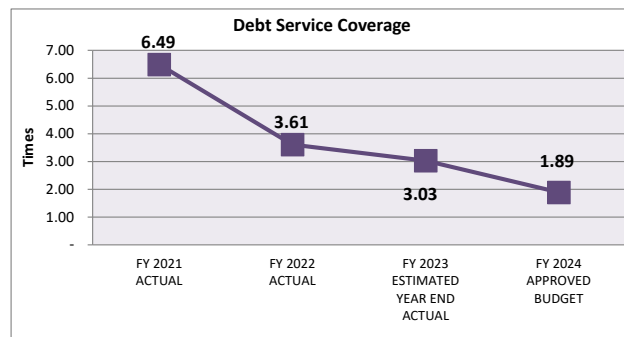
#### OUTCOME MEASURES

Debt Service Coverage (Goal: minimum 1.5)  
Compliance With Bond Covenants  
Compliance With GAAP, GASB, FERC  
Timely Recon (60 days) of Capital Assets at YE  
No. of Grant Applications Submitted Annually

#### EFFICIENCY MEASURES

Annual Cost for Finance Activities  
Annual Cost to Maintain Capital Assets GP Dynamics

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
8	8	8	8
\$ -	\$ -	\$ 116,491	\$ 625,546
\$ 465,603,445	\$ 295,425,049	\$ 253,623,946	\$ 259,510,105
\$ 90,795,286	\$ 98,169,572	\$ 92,133,995	\$ 91,717,365
\$ 564,632,063	\$ 574,295,524	\$ 573,597,624	\$ 575,000,000
12	12	12	12
50	48	60	60
\$ 40,850,519	\$ 46,320,305	\$ 19,377,493	\$ 40,000,000
6.49	3.61	3.03	1.89
Yes	Yes	Yes	Yes
Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes	Yes/Yes/Yes
Yes	Yes	Yes	Yes
5	6	4	5
\$ -	\$ -	\$ 291,135.94	\$ 291,135.94
\$ -	\$ -	\$ 441,785.34	\$ 441,785.34



## DEPARTMENT 5115 – FINANCIAL SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ -	\$ -	\$ 22,258	\$ 68,083
6105 Administrative Staff	-	-	-	-	94,478	349,369
6201 T.M.R.S.	-	-	-	-	26,412	77,020
6205 F.I.C.A.	-	-	-	-	7,005	25,882
6210 Medicare	-	-	-	-	1,638	6,053
6214 Dental Insurance	-	-	-	-	906	3,226
6215 Hospitalization insurance	-	-	-	-	18,192	69,933
6220 Life Insurance	-	-	-	-	102	473
6221 Long Term Disability Insurance	-	-	-	-	227	835
6225 Workers Compensation	-	-	-	-	2,918	10,436
6230 Vacation leave	-	-	-	-	21,842	5,331
6235 Sick leave	-	-	-	-	38,940	5,865
6260 Vacancy Savings	-	-	-	-	-	(20,873)
<i>O&amp;M PERSONNEL TOTAL</i>	-	-	-	-	234,919	601,633
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	-
7120 Office supplies	-	-	-	-	-	5,000
7140 Training expenses	-	-	-	-	589	1,575
7145 Travel expenses	-	-	-	-	1,047	975
7315 Food, meals, ice, water	-	-	-	-	-	100
7635 Software maintenance service fees	-	-	-	-	-	3,000
7805 Computer equipment	-	-	-	-	-	2,500
<i>O&amp;M NON-PERSONNEL TOTAL</i>	-	-	-	-	1,636	13,150
	-	-	-	-	236,555	614,783



Department Responsibility: Jorge Santillan  
 Title: Treas & Accounting Manager  
 Telephone Ext: 6238  
 Dept. No: 5120

**PERFORMANCE MEASURES  
FOR THE  
ACCOUNTING & TREASURY DEPARTMENT**

**Department Function:**

The Accounting & Treasury Department is responsible for managing Brownsville PUB's investment program, the payment of vendor invoices, processing payroll and the issuance and tracking of accounts receivable invoices. In addition, this department is responsible for timely payroll reports and other reports as required by various Local, State and Federal agencies.

**Department Goals/Objectives:**

The Accounting & Treasury Department's goal is to ensure the prudent management of public funds, the availability of operating and capital funds when needed, and an investment return competitive with comparable funds and financial market indices. The objectives are the timely processing of vendor invoices; and accurate and timely processing of Brownsville PUB's payroll.

**INPUT MEASURES**

Number of AP Checks & Wires Processed  
 Number of AP ACH Payments Processed  
 Number of Payroll Cks and DD Processed

**OUTPUT MEASURES**

Percentage of Invoice Pd. Within 30 days  
 Percentage of Payrolls Processed Timely  
 Cash Portfolio Report (weekly)  
 Quarterly Investment Reports Produced

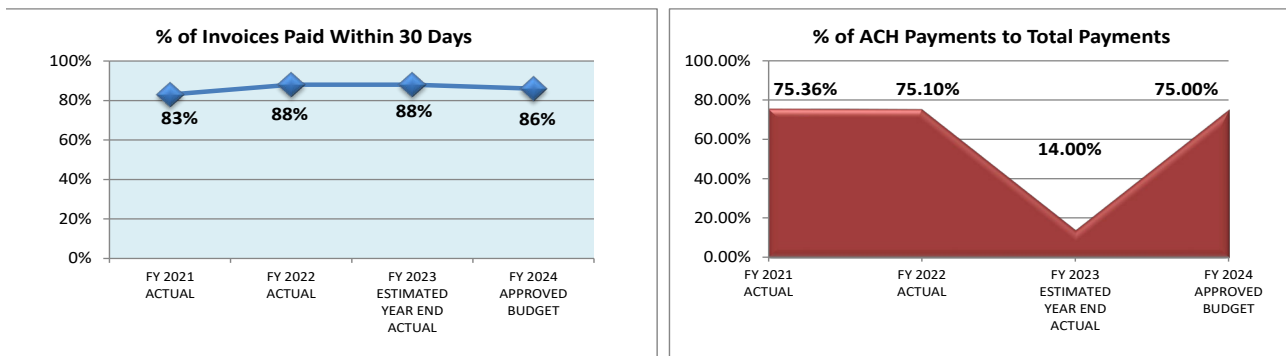
**OUTCOME MEASURES**

% of ACH Payments to Total Payments  
 % Payroll Direct Deposits to Total Cks & DD

**EFFICIENCY MEASURES**

Annual Cost of Cks and ACH Initiated  
 Annual Cost of Processing Bi-Weekly Payroll

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
Number of AP Checks & Wires Processed	1,565	1,455	28,348	1,800
Number of AP ACH Payments Processed	4,643	4,388	4,569	4,500
Number of Payroll Cks and DD Processed	18,320	18,155	18,600	18,500
Percentage of Invoice Pd. Within 30 days	83%	88%	88%	86%
Percentage of Payrolls Processed Timely	100%	100%	100%	100%
Cash Portfolio Report (weekly)	52	52	52	52
Quarterly Investment Reports Produced	4	4	4	4
% of ACH Payments to Total Payments	75.36%	75.10%	14.00%	75.00%
% Payroll Direct Deposits to Total Cks & DD	99.90%	99.86%	99.88%	99.88%
Annual Cost of Cks and ACH Initiated	\$ 197,203	\$ 207,356	\$ 221,353	\$ 247,059
Annual Cost of Processing Bi-Weekly Payroll	\$ 58,870	\$ 57,998	\$ 61,912	\$ 66,917



**Note:** The significant increase in the number of AP checks generated in FY 2023 was due to the distribution of the Tenaska Equity Fund.

## DEPARTMENT 5120 – ACCOUNTING & TREASURY DEPARTMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 306,710	\$ 210,709	\$ 197,303	\$ 202,792	\$ 165,174	\$ 175,781
6105 Administrative Staff	163,801	175,135	188,911	150,309	143,070	-
6110 Clerical staff	222,319	189,419	176,198	220,214	148,113	175,236
6130 Overtime	360	1,095	1,969	2,708	4,983	3,170
6201 T.M.R.S.	152,617	128,333	124,274	100,903	99,985	64,763
6205 F.I.C.A.	41,930	34,590	33,921	35,546	27,820	21,763
6206 Suta	-	-	-	-	-	-
6210 Medicare	9,806	8,089	7,933	8,313	6,506	5,090
6214 Dental Insurance	7,811	7,001	6,239	6,683	4,729	3,668
6215 Hospitalization insurance	121,556	120,904	112,835	121,117	87,559	72,863
6220 Life Insurance	624	539	494	670	393	403
6221 Long Term Disability Insurance	1,305	1,117	1,034	1,147	838	702
6225 Workers Compensation	17,632	14,838	14,379	14,333	11,780	8,775
6230 Vacation leave	15,470	(11,420)	(571)	7,321	(27,988)	4,482
6235 Sick leave	(38,236)	(10,466)	(4,981)	8,055	(47,007)	4,932
6240 Educational assistance	2,790	-	-	-	-	-
6242 Auto Benefits	7,500	288	-	-	-	-
6243 Telephone Benefits	1,680	65	-	1,680	-	-
6260 Vacancy Savings	-	-	-	(51,598)	-	(17,551)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>1,035,676</b>	<b>870,236</b>	<b>859,937</b>	<b>830,192</b>	<b>625,958</b>	<b>524,077</b>
<i>O&amp;M NON-PERSONNEL</i>						
7102 Sponsorships	115	-	-	-	-	-
7105 Books & periodicals	-	299	-	-	-	-
7110 Dues & memberships	1,249	1,239	1,099	580	499	200
7120 Office supplies	14,680	12,184	16,319	12,000	8,516	5,000
7130 Postage/shipping charges	128	201	93	200	82	100
7135 Telephone expenses	-	235	-	-	-	-
7140 Training expenses	1,189	7,049	1,142	1,700	3,433	950
7145 Travel expenses	1,247	-	-	4,435	2,865	1,750
7147 Mileage Reimbursement (InTownExp)	19	-	-	-	-	-
7225 Safety supplies	-	-	-	50	-	-
7299 Other materials & supplies	-	-	-	50	-	-
7304 Hurricane Preparedness Expenses	-	-	574	-	-	-
7315 Food, meals, ice, water	343	70	261	-	251	125
7325 Rental of equip/storage/land	1,068	767	1,054	1,500	51	-
7335 Wearing apparel & dry goods	-	-	-	-	-	-
7605 Engineering fees	-	-	-	-	-	-
7635 Software maintenance service fees	3,205	3,924	9,147	5,000	8,097	500
7699 Other services	19,942	25,549	19,167	15,000	9,730	11,000
7805 Computer equipment	1,061	-	7,016	-	-	-
7806 Software licenses-new	608	-	-	-	-	-
7820 Office furniture & equipment	1,526	4,102	-	-	1,155	1,000
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>46,380</b>	<b>55,619</b>	<b>55,872</b>	<b>40,515</b>	<b>34,680</b>	<b>20,625</b>
	<b>1,082,056</b>	<b>925,855</b>	<b>915,809</b>	<b>870,707</b>	<b>660,638</b>	<b>544,702</b>





Department Responsibility: Diane Solitaire

Title: Purchasing & Materials Mgr.

Telephone Ext: 6366

Dept. No: 5130

### PERFORMANCE MEASURES FOR THE PURCHASING DEPARTMENT

#### Department Function:

The primary function of the Purchasing Department is to meet the product and service needs of the Brownsville PUB by complying with all Federal, State, and Local laws including Board policies; provide fair competition among bidders; and to continuously seek to identify and implement strategies and techniques that will enhance the level of service and integrity provided by the Purchasing Department.

#### Department Goals/Objectives:

Purchasing Department goals are to purchase at the best price the proper goods or services to suit Brownsville PUB's needs; have goods or services readily available where and when needed; protect against any misappropriation of business assets purchased; insure responsible bidders are given fair opportunities; and see that the best value is received for the public dollar.

#### INPUT MEASURES

Employees  
O&M Personnel Expenses  
O&M Non-Personnel Expenses  
Total O&M Expenses

#### OUTPUT MEASURES

Purchasing Requisitions  
P-Card Cardholders

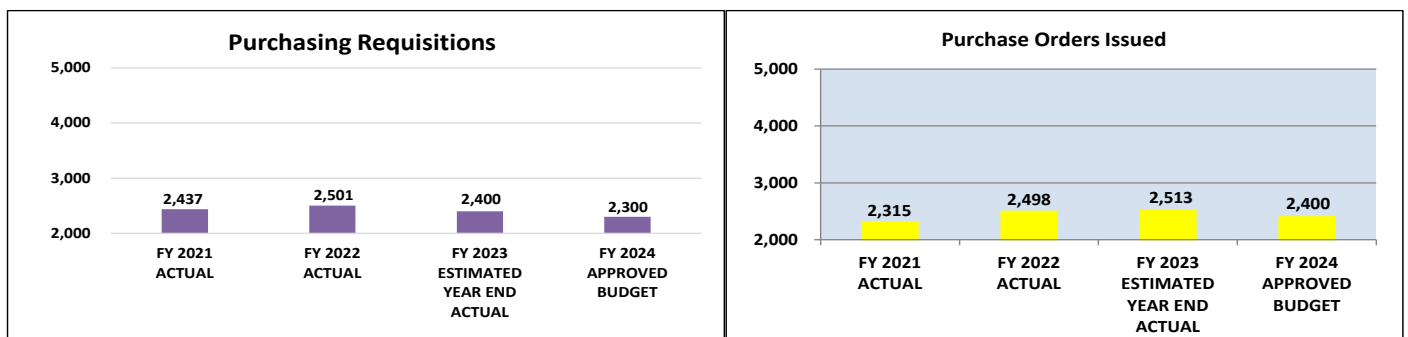
#### OUTCOME MEASURES

Purchase Orders Issued  
P-Card Cardholders vs No. Employees

#### EFFICIENCY MEASURES

Reduce No. of Requisitions and P.O.'s Issued  
Average P-Card Monthly Spend

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
7	7	6	7
\$ 535,228	\$ 543,119	\$ 474,202	\$ 544,764
\$ 76,384	\$ 85,851	\$ 62,619	\$ 50,310
\$ 611,612	\$ 628,970	\$ 536,821	\$ 595,074
2,437	2,501	2,400	2,300
102	120	123	125
2,315	2,498	2,513	2,400
112 vs 589 (19%)	120 vs 589 (20%)	123 vs 602 (20%)	125 vs 602 (21%)
278	(183)	(15)	113
111,251	127,178	158,549	165,000



## DEPARTMENT 5130 – PURCHASING

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 87,790	\$ 87,550	\$ 91,834	\$ 91,582	\$ 98,951	\$ 108,846
6105 Administrative Staff	231,499	234,235	244,562	254,197	229,568	236,662
6110 Clerical staff	32,464	32,377	33,930	33,738	15,412	34,528
6130 Overtime	5	100	171	170	33	-
6201 T.M.R.S.	61,458	62,878	65,914	66,795	60,607	70,117
6205 F.I.C.A.	20,759	20,927	22,222	23,530	20,806	23,562
6206 Suta	-	-	-	-	-	-
6210 Medicare	4,855	4,894	5,197	5,503	4,866	5,511
6214 Dental Insurance	4,365	4,299	4,190	4,766	3,257	3,268
6215 Hospitalization insurance	63,828	69,162	70,756	81,370	55,841	60,386
6220 Life Insurance	319	320	315	440	294	432
6221 Long Term Disability Insurance	670	674	674	759	642	760
6225 Workers Compensation	8,794	8,857	9,394	9,488	8,599	9,501
6230 Vacation leave	9,855	5,929	(6,511)	4,846	(9,528)	4,853
6235 Sick leave	(21,758)	3,027	472	5,332	6,574	5,340
6260 Vacancy Savings	-	-	-	(34,157)	-	(19,002)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>504,903</b>	<b>535,228</b>	<b>543,119</b>	<b>548,360</b>	<b>495,923</b>	<b>544,764</b>
<i>O&amp;M NON-PERSONNEL</i>						
7101 Advertising	27,763	38,617	51,011	42,000	43,466	40,000
7105 Books & periodicals	231	-	267	-	-	-
7110 Dues & memberships	855	1,089	2,194	2,160	2,084	2,160
7120 Office supplies	3,282	2,924	4,954	3,400	3,876	3,000
7130 Postage/shipping charges	295	107	76	500	-	300
7140 Training expenses	-	786	-	-	-	-
7145 Travel expenses	144	-	-	-	-	-
7180 Utilities - departmental	8,628	4,879	528	600	-	-
7215 Laundry & janitorial supplies	132	-	-	300	72	200
7225 Safety supplies	33	17	100	200	155	200
7299 Other materials & supplies	1,641	1,230	719	1,000	487	600
7315 Food, meals, ice, water	462	79	135	300	358	250
7325 Rental of equip/storage/land	3,096	3,211	3,602	4,020	3,950	3,600
7335 Wearing apparel & dry goods	-	-	-	-	327	-
7415 Fuels & lubricants	274	188	228	-	-	-
7599 Maintenance / other	-	-	-	-	-	-
7635 Software maintenance service fees	11,532	20,401	21,779	25,000	17,879	-
7645 Maintenance services	265	-	-	-	-	-
7699 Other services	36	333	-	-	-	-
7805 Computer equipment	-	1,193	-	560	282	-
7806 Software licenses-new	-	-	-	-	46	-
7820 Office furniture & equipment	340	1,330	258	-	241	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>59,010</b>	<b>76,384</b>	<b>85,851</b>	<b>80,040</b>	<b>73,222</b>	<b>50,310</b>
	<b>563,913</b>	<b>611,612</b>	<b>628,970</b>	<b>628,400</b>	<b>569,145</b>	<b>595,074</b>



Department Responsibility: **M. Evelyn Garcia**  
 Title: **Revenue Recovery Supervisor**

Telephone Ext: **6381**  
 Dept. No: **5140**

### PERFORMANCE MEASURES FOR THE REVENUE RECOVERY DEPARTMENT

#### Department Function:

The Revenue Recovery Department is responsible for investigating all possible tampering incidents in a timely and efficient manner. Department personnel are responsible for replacing damaged meters and installing locking devices. In addition, this department is responsible for the calculation and backbilling of unbilled utility services due to tampering.

#### Department Goals/Objectives:

The Revenue Recovery Department's goal is to increase fees for unrecovered revenue and service, including City fees, from unauthorized or unbilled electric, water, and sewer services. Another departmental goal is to communicate improved awareness and understanding of tampering with customers, employees, and the community through departmental training and community presentations. The objectives are to continue to review, modify, and implement meter tampering procedures and to become more proactive in identifying meter tampering.

#### INPUT MEASURES

Employees  
 O&M Personnel Expenses  
 O&M Non-Personnel Expenses

#### OUTPUT MEASURES

No. of Accounts Proactively Investigated  
 No. of Tampering Incidents Reported Internally  
 No. of Tampering Incidents Reported thru Hotline  
 Total Number of Tamperings Reported  
 No. of Tampering Incidents Confirmed

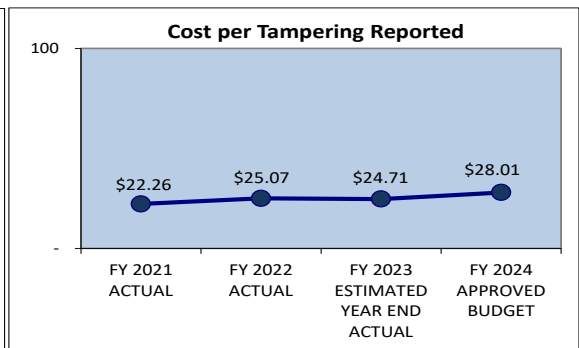
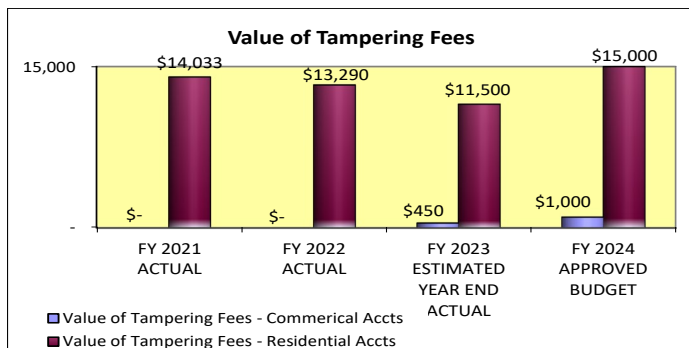
#### OUTCOME MEASURES

Value of Tampering Fees - Commerical Accts  
 Value of Backbillings - Commercial Accts  
 Value of Tampering Fees - Residential Accts  
 Value of Backbillings - Residential Accts

#### EFFICIENCY MEASURES

Cost per Tampering Reported  
 Ratio of Revenue Recovered to Cost

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
3	3	3	3
\$ 217,490	\$ 229,812	\$ 210,980	\$ 248,696
\$ 11,144	\$ 18,581	\$ 16,385	\$ 17,416
10,273	9,909	9,201	9,500
69	35	70	65
1	5	5	5
70	40	75	70
40	53	50	50
\$ -	\$ -	\$ 450	\$ 1,000
\$ -	\$ -	\$ 1,789	\$ 1,500
\$ 14,033	\$ 13,290	\$ 11,500	\$ 15,000
\$ 3,959	\$ 25,868	\$ 1,500	\$ 25,000
\$ 22.26	\$ 25.07	\$ 24.71	\$ 28.01
\$ 12.71	\$ 6.34	\$ 14.92	\$ 6.26



## DEPARTMENT 5140 – REVENUE RECOVERY

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 53,851	\$ 53,703	\$ 56,335	\$ 56,181	\$ 60,755	\$ 66,914
6115 Operational staff	86,734	86,490	90,249	90,002	85,703	101,213
6130 Overtime	27	268	58	649	422	792
6201 T.M.R.S.	24,567	25,082	25,821	25,728	25,877	31,019
6205 F.I.C.A.	8,194	8,207	8,555	9,063	8,703	10,424
6210 Medicare	1,916	1,919	2,001	2,120	2,035	2,438
6214 Dental Insurance	1,904	1,897	1,896	2,103	1,639	1,599
6215 Hospitalization insurance	31,718	35,001	36,828	41,182	31,779	33,461
6220 Life Insurance	129	128	128	172	130	194
6221 Long Term Disability Insurance	267	266	267	292	274	336
6225 Workers Compensation	3,515	3,533	3,680	3,655	3,672	4,203
6230 Vacation leave	637	1,222	1,133	1,867	(3,052)	2,147
6235 Sick leave	3,562	(225)	2,863	2,054	(2,293)	2,362
6260 Vacancy Savings	-	-	-	(13,156)	-	(8,406)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>217,021</b>	<b>217,490</b>	<b>229,812</b>	<b>221,911</b>	<b>215,645</b>	<b>248,696</b>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	-	-	-	-	-	-
7120 Office supplies	186	708	851	750	938	700
7130 Postage/shipping charges	104	-	-	-	-	-
7140 Training expenses	-	-	-	325	1,550	875
7145 Travel expenses	-	-	790	865	3,744	1,932
7220 Medical supplies	-	-	-	-	53	40
7225 Safety supplies	112	1,281	930	1,000	848	1,638
7299 Other materials & supplies	2,768	4,256	9,165	4,000	1,594	7,481
7315 Food, meals, ice, water	81	44	45	-	180	250
7325 Rental of equip/storage/land	2,100	525	2,100	2,100	2,400	-
7335 Wearing apparel & dry goods	-	1,204	209	1,180	1,361	1,000
7415 Fuels & lubricants	2,658	3,126	4,492	3,000	3,883	3,500
7820 Office furniture & equipment	-	-	-	-	-	-
7899 Other minor tools & equipment	-	-	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>8,008</b>	<b>11,144</b>	<b>18,581</b>	<b>13,220</b>	<b>16,551</b>	<b>17,416</b>
	<b>225,029</b>	<b>228,634</b>	<b>248,393</b>	<b>235,131</b>	<b>232,196</b>	<b>266,112</b>



Department Responsibility: **Eduardo Campirano Jr.**  
 Title: **Customer Service Manager**  
 Telephone Ext: **6242**  
 Dept. No: **6110**

**PERFORMANCE MEASURES  
FOR THE  
CUSTOMER SERVICE DEPARTMENT**

**Department Function:**

The Customer Service and New Connections staff responds to customer requests for installation of new water meters and Move ins, Move outs, Pay Arrangements, Reconnections, High Bill Complaints, Questions on Bills, Letters of Reference, Open Records research and Service outage calls during regular business hours. In addition to responding to customer requests, the Customer Solutions Representatives (CSRs) scan documents related to the customer transaction, send emails, send faxes, mail letters, review reports for quality assurance, record service outage calls in the City Works application and return calls. CSRs attend quarterly safety meetings, bi-weekly departmental meetings and mandatory training sessions which reflect our dedication to continuous improvement. Customer Service staff provides support to Call Center, Cashier and New Connections Departments when needed and cross-trained staff is available.

**Department Goals/Objectives:**

The department's goal is to provide solutions to customer utility needs, while we accurately document the transaction. We support the organization's mission, by delivering excellent service while being innovative and responsive.

**INPUT MEASURES**

FTE's

Personnel O&M Expenses

Non-Personnel O&M Expenses

Total O&M Expenses

**OUTPUT MEASURES**

Walk In/Appointments

Offline & Issues

Total for Department

**OUTCOME MEASURES**

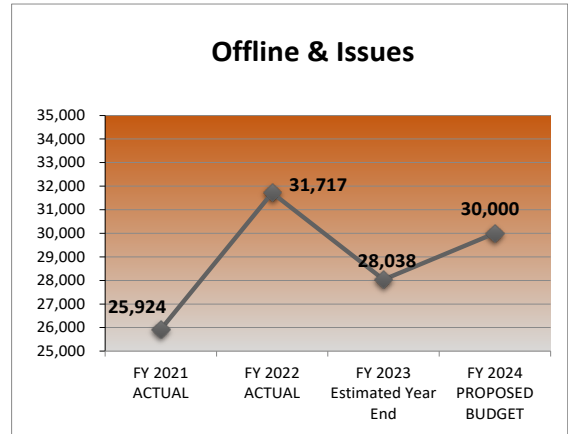
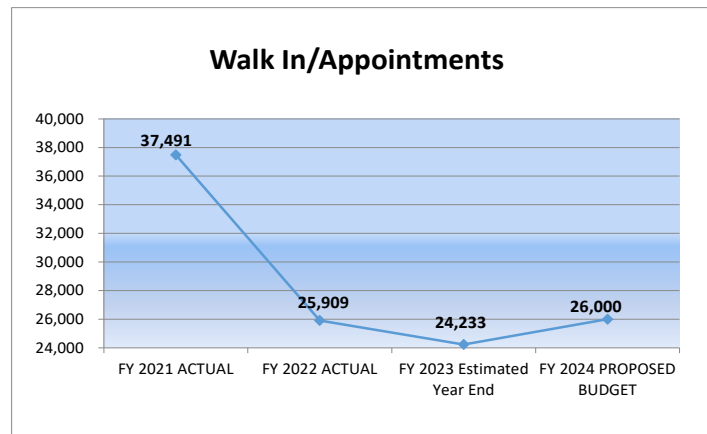
Number of Accounts

Number of Payment Arrangements

**EFFICIENCY MEASURES**

Average # of Requests Handled by CSR

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 Estimated Year End	FY 2024 PROPOSED BUDGET
14	14	12	12
\$ 880,501	\$ 787,116	\$ 769,089	\$ 927,322
\$ 63,823	\$ 67,399	\$ 63,479	\$ 77,065
\$ 944,324	\$ 854,515	\$ 832,568	\$ 1,004,387
37,491	25,909	24,233	26,000
25,924	31,717	28,038	30,000
63,415	57,626	52,271	56,000
68,979	70,518	71,399	71,000
44,001	45,612	46,000	47,500
4,530	4,116	4,356	4,667



## DEPARTMENT 6110 - CUSTOMER SERVICE

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 135,234	\$ 133,091	\$ 128,580	\$ 128,128	\$ 139,914	\$ 155,896
6110 Clerical staff	417,158	408,816	381,723	364,811	407,903	452,254
6130 Overtime	5,661	12,888	2,215	4,770	2,602	4,477
6201 T.M.R.S.	98,121	108,249	93,032	86,757	97,000	112,204
6205 F.I.C.A.	33,188	35,968	30,649	30,562	31,954	37,705
6206 Suta	1,888	466	-	-	-	-
6210 Medicare	7,762	8,412	7,168	7,148	7,473	8,818
6214 Dental Insurance	7,252	7,137	6,597	7,310	6,113	6,540
6215 Hospitalization insurance	120,230	131,420	128,644	147,184	131,452	146,384
6220 Life Insurance	524	514	452	597	505	720
6221 Long Term Disability Insurance	977	956	847	906	1,031	1,216
6225 Workers Compensation	14,040	15,298	13,353	12,323	13,792	15,204
6230 Vacation leave	7,971	12,065	2,829	6,295	(4,290)	7,766
6235 Sick leave	(27,646)	5,221	(8,973)	6,926	6,414	8,545
6240 Educational assistance	(2,620)	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(44,365)	-	(30,408)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>819,740</b>	<b>880,501</b>	<b>787,116</b>	<b>759,353</b>	<b>841,864</b>	<b>927,322</b>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	22	10	-	420	-	200
7120 Office supplies	5,778	6,736	5,295	5,250	4,217	4,000
7125 Photo equipment/supplies	300	-	-	-	-	-
7130 Postage/shipping charges	201	-	-	250	-	40
7140 Training expenses	1,020	-	-	1,000	2,200	1,425
7145 Travel expenses	2,318	-	-	2,000	2,726	1,500
7299 Other materials & supplies	-	-	-	-	-	100
7315 Food, meals, ice, water	939	78	789	500	645	650
7325 Rental of equip/storage/land	3,338	4,712	4,005	3,500	3,828	3,150
7645 Maintenance services	-	-	-	-	-	-
7348 Customer Assistance Program	-	-	-	-	-	30,000
7699 Other services	6,668	50,678	53,598	39,500	51,736	35,000
7820 Office furniture & equipment	1,945	1,609	3,712	-	-	1,000
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>22,527</b>	<b>63,823</b>	<b>67,399</b>	<b>52,420</b>	<b>65,352</b>	<b>77,065</b>
	<b>842,267</b>	<b>944,324</b>	<b>854,515</b>	<b>811,773</b>	<b>907,216</b>	<b>1,004,387</b>



Department Responsibility: Joe Amaya

Title: Billing Manager

Telephone Ext: 6119

Dept. No: 6115

**PERFORMANCE MEASURES  
FOR THE  
COLLECTIONS DEPARTMENT**

**Department Function:**

The Collections Department is responsible for providing consistent, reliable and accurate collection strategies. Through a highly qualified workforce, advanced information technology and pro-active cooperation with various departments within the organization the Collections Department strives to collect receivables on time and decrease the amount of bad debt. Functions include: processing of returned checks, disconnects for non-payment, bad debt collections, etc.

**INPUT MEASURES**

FTE

O&M Personnel Expenses

O&M Non-Personnel Expenses

Total O&M Expenses

**OUTPUT MEASURES**

No. of Service Orders Reviewed

No. of Accounts Billed

No. of Returned Checks

No. of Bad Debt Accounts

**OUTCOME MEASURES**

Value of Billed Accounts

Value of Returned Checks

Value of Returned Check Fees

Value of Bad Debt

Value of Bad Debt Collected

Value of Net Bad Debt

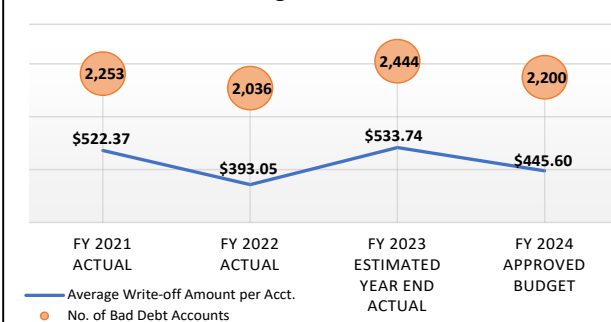
**EFFICIENCY MEASURES**

Average Write-off Amount per Acct.

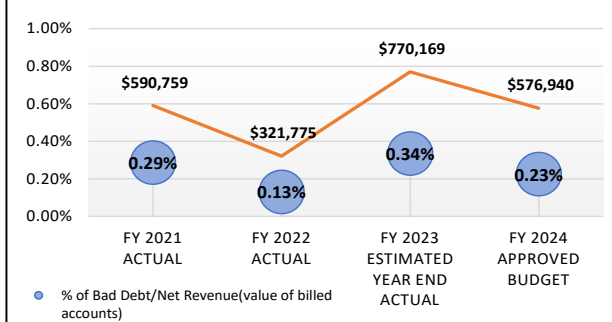
% of Bad Debt/Net Revenue(value of billed acc

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
FTE	4	4	4	4
O&M Personnel Expenses	\$ 235,449	\$ 237,463	\$ 261,543	\$ 302,426
O&M Non-Personnel Expenses	\$ 610,590	\$ 584,618	\$ 269,786	\$ 408,400
Total O&M Expenses	\$ 846,039	\$ 822,081	\$ 531,329	\$ 710,826
No. of Service Orders Reviewed	12,780	17,018	10,238	15,357
No. of Accounts Billed	823,661	839,913	849,305	891,771
No. of Returned Checks	1,493	2,116	2,001	2,100
No. of Bad Debt Accounts	2,253	2,036	2,444	2,200
Value of Billed Accounts	\$ 205,719,833	\$ 247,355,747	\$ 229,506,847	\$ 256,044,311
Value of Returned Checks	\$ 741,164	\$ 931,578	\$ 1,107,463	\$ 880,000
Value of Returned Check Fees	\$ 36,858	\$ 50,050	\$ 48,210	\$ 45,301
Value of Bad Debt	\$ 1,176,903	\$ 800,268	\$ 1,304,453	\$ 980,325
Value of Bad Debt Collected	\$ 586,144	\$ 478,493	\$ 534,284	\$ 453,385
Value of Net Bad Debt	\$ 590,759	\$ 321,775	\$ 770,169	\$ 576,940
Average Write-off Amount per Acct.	\$ 522.37	\$ 393.05	\$ 533.74	\$ 445.60
% of Bad Debt/Net Revenue(value of billed acc	0.29%	0.13%	0.34%	0.23%

**Bad Debt Accounts & Avg Amount**



**Net Bad Debt**



## DEPARTMENT 6115 – COLLECTIONS

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 84,337	\$ 83,724	\$ 87,676	\$ 87,402	\$ 54,027	\$ 107,474
6110 Clerical staff	65,551	65,495	66,355	68,078	118,608	86,819
6130 Overtime	70	861	126	1,293	68	961
6201 T.M.R.S.	26,200	26,638	27,043	27,364	30,436	35,847
6205 F.I.C.A.	8,645	8,601	8,814	9,640	9,856	12,046
6206 Suta	2,075	-	-	-	-	-
6210 Medicare	2,022	2,011	2,061	2,254	2,305	2,817
6214 Dental Insurance	2,340	2,332	2,307	2,587	2,440	2,509
6215 Hospitalization insurance	38,625	42,629	44,395	50,171	47,777	52,982
6220 Life Insurance	145	144	143	190	158	229
6221 Long Term Disability Insurance	285	283	285	311	323	389
6225 Workers Compensation	3,749	3,752	3,854	3,887	4,318	4,857
6230 Vacation leave	3,828	(1,021)	(3,563)	1,985	4,739	2,481
6235 Sick leave	(24,209)	-	(2,034)	2,184	5,587	2,730
6260 Vacancy Savings	-	-	-	(13,993)	-	(9,715)
<i>O&amp;M PERSONNEL TOTAL</i>	<u>213,663</u>	<u>235,449</u>	<u>237,463</u>	<u>243,354</u>	<u>280,641</u>	<u>302,426</u>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	120	-	-	100	-	100
7120 Office supplies	-	213	326	200	150	400
7140 Training expenses	-	-	-	-	-	-
7145 Travel expenses	-	-	-	-	-	1,000
7299 Other materials & supplies	122	413	308	500	484	100
7301 Bad debt expense	243,990	609,710	581,290	500,000	258,798	400,000
7302 Bankruptcy expenses	(2,024)	(1,284)	(478)	-	463	200
7315 Food, meals, ice, water	79	-	60	100	65	100
7601 Legal Fees	1,758	1,538	3,113	4,320	5,465	5,000
7805 Computer equipment	-	-	-	-	-	1,500
7820 Office furniture & equipment	-	-	-	-	1,145	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<u>244,046</u>	<u>610,590</u>	<u>584,618</u>	<u>505,220</u>	<u>266,570</u>	<u>408,400</u>
	<b>457,709</b>	<b>846,039</b>	<b>822,081</b>	<b>748,574</b>	<b>547,211</b>	<b>710,826</b>





Department Responsibility: Joe Amaya  
 Title: Billing Manager  
 Telephone Ext: 6119  
 Dept. No: 6120

**PERFORMANCE MEASURES  
FOR THE  
BILLING DEPARTMENT**

**Department Function:**

The Billing Department is responsible for providing customers with accurate and reliable billing services. It is responsible for delivery of external and internal correspondence including the billing statements to our customers and the mailroom operations.

**Department Goals/Objectives:**

The departmental goal is to provide exceptional service to our customers by delivering accurate and reliable billing services on a daily basis.

**INPUT MEASURES**

FTE  
 Personnel O&M Costs  
 Non-Personnel O&M Costs  
 Total O&M Costs

**OUTPUT MEASURES**

# of Accounts Billed  
 # of Hi-Lo and Billing Issues  
 # of Bills/Reminders Mailed

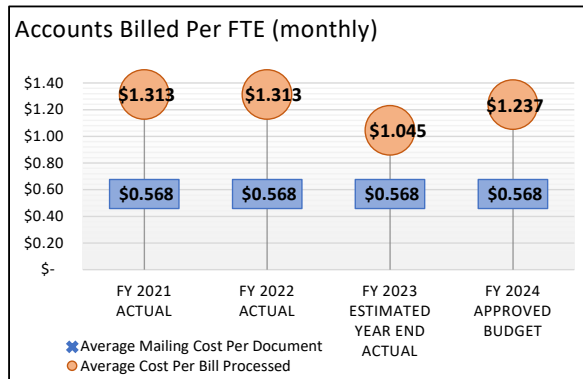
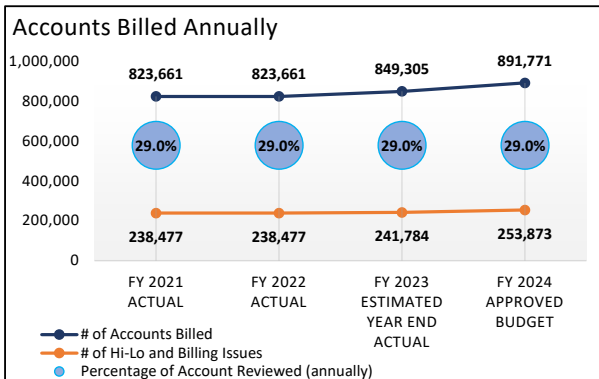
**OUTCOME MEASURES**

Value of Accounts Billed  
 Percentage of account billed on time

**EFFICIENCY MEASURES**

Average Cost Per Bill Processed  
 Average Mailing Cost Per Document  
 Percentage of Account Reviewed (annually)  
 Accounts Billed Per FTE (monthly)  
 Hi Lo & Billing Issues Per FTE (monthly)

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
FTE	9	9	9	9
Personnel O&M Costs	\$ 558,824	\$ 513,371	\$ 577,964	\$ 693,519
Non-Personnel O&M Costs	\$ 523,042	\$ 495,858	\$ 505,997	\$ 484,275
Total O&M Costs	\$ 1,081,866	\$ 1,009,229	\$ 1,083,961	\$ 1,177,794
# of Accounts Billed	823,661	823,661	849,305	891,771
# of Hi-Lo and Billing Issues	238,477	238,477	241,784	253,873
# of Bills/Reminders Mailed	776,306	776,306	820,662	861,695
Value of Accounts Billed	\$ 205,719,833	\$ 205,719,833	\$ 229,506,847	\$ 256,044,311
Percentage of account billed on time	100%	100%	100%	100%
Average Cost Per Bill Processed	\$ 1.313	\$ 1.313	\$ 1.045	\$ 1.237
Average Mailing Cost Per Document	\$ 0.568	\$ 0.568	\$ 0.568	\$ 0.568
Percentage of Account Reviewed (annually)	29.0%	29.0%	29.0%	29.0%
Accounts Billed Per FTE (monthly)	7,626	7,626	7,762	7,906
Hi Lo & Billing Issues Per FTE (monthly)	2,208	2,208	2,129	2,168



## DEPARTMENT 6120 – BILLING

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 129,100	\$ 128,746	\$ 87,542	\$ 124,155	\$ 140,054	\$ 164,445
6110 Clerical staff	201,249	200,502	211,214	211,994	223,794	253,677
6115 Operational staff	27,502	27,170	28,600	28,371	31,854	35,797
6130 Overtime	222	1,562	1,048	5,200	2,823	3,893
6201 T.M.R.S.	62,560	63,690	57,644	64,156	70,250	83,748
6205 F.I.C.A.	20,746	20,668	18,801	22,600	23,091	28,143
6210 Medicare	4,852	4,834	4,397	5,286	5,400	6,582
6214 Dental Insurance	5,006	4,989	4,741	5,533	4,937	5,160
6215 Hospitalization insurance	87,098	96,123	91,967	106,002	94,621	107,809
6220 Life Insurance	340	340	301	442	354	532
6221 Long Term Disability Insurance	676	677	600	729	732	908
6225 Workers Compensation	9,006	9,053	8,367	9,113	10,081	11,348
6230 Vacation leave	8,582	1,402	(6,100)	4,655	3,353	5,797
6235 Sick leave	(23,813)	(4,190)	(1,899)	5,122	15,000	6,378
6240 Educational assistance	2,163	3,257	6,150	2,000	4,505	2,000
6260 Vacancy Savings	-	-	-	(32,807)	-	(22,696)
<i>O&amp;M PERSONNEL TOTAL</i>	<u>535,289</u>	<u>558,824</u>	<u>513,371</u>	<u>562,550</u>	<u>630,849</u>	<u>693,519</u>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	225	180	255	585	130	300
7120 Office supplies	697	849	342	1,000	910	400
7130 Postage/shipping charges	297,798	92,152	11,714	15,000	33,878	10,000
7140 Training expenses	650	-	800	2,750	400	1,375
7145 Travel expenses	3,267	-	-	-	561	1,000
7199 Miscellaneous office expenses	-	-	-	-	208	-
7299 Other materials & supplies	75,421	19,336	1,146	2,000	3,248	1,500
7315 Food, meals, ice, water	158	-	135	150	215	300
7325 Rental of equip/storage/land	84,779	17,373	11,143	11,000	11,225	12,000
7335 Wearing apparel & dry goods	11	190	-	500	290	400
7415 Fuels & lubricants	1,078	2,080	3,138	3,500	3,143	3,500
7635 Software maintenance service fees	6,245	6,245	-	-	3,550	3,500
7699 Other services	-	384,218	467,184	400,000	417,070	450,000
7805 Computer equipment	-	-	-	-	-	-
7820 Office furniture & equipment	1,239	420	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<u>471,567</u>	<u>523,042</u>	<u>495,858</u>	<u>436,485</u>	<u>474,827</u>	<u>484,275</u>
	<b>1,006,856</b>	<b>1,081,866</b>	<b>1,009,229</b>	<b>999,035</b>	<b>1,105,676</b>	<b>1,177,794</b>



**Department Responsibility:** Eduardo Campirano Jr.  
**Title:** Customer Service Manager  
**Telephone Ext:** 6242  
**Dept. No:** 6125

**PERFORMANCE MEASURES**

**CALL CENTER DEPARTMENT**

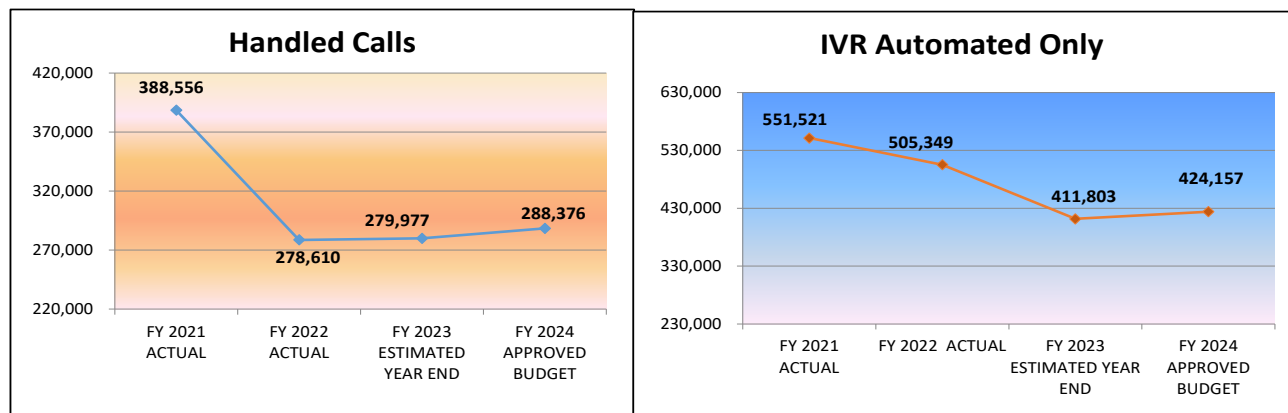
**Department Function:**

The Call Center staff responds to customer requests for 1) Move in, 2) Move out, 3) Payment Arrangements, 4) Reconnections, 5) High Bill Complaints, 6) Questions on Bills, 7) Letters of Reference, 8) Open Records research and 9) Trouble calls during regular business hours. In addition to responding to customer requests, the CSR 1) scans documents related to the customer transaction, 2) sends emails, 3) sends faxes, 4) mails letters, 5) reviews reports for quality assurance, 6) records trouble calls in the City Works application and 7) returns calls. CSRs attend quarterly safety meetings, bi-weekly departmental meetings and mandatory training sessions which reflect our dedication to continuous improvement. Call Center staff provides support to Customer Service and Cashier Departments when needed and cross trained staff is available.

**Department Goals/Objectives:**

The department's goal is to provide solutions to customer utility needs, while we accurately document the transaction. By delivering excellent service while being innovative and responsive, we support the organization's mission.

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END	FY 2024 APPROVED BUDGET
<b>INPUT MEASURES</b>				
FTE's	12	12	12	12
Personnel O & M Expenses	\$ 684,562	\$ 650,505	\$ 577,015	\$ 755,370
Non Personnel O & M Expenses	\$ 26,409	\$ 25,007	\$ 27,160	\$ 30,000
Total O & M Expenses	\$ 710,971	\$ 675,512	\$ 604,175	\$ 785,370
<b>OUTPUT MEASURES</b>				
Handled Calls	388,556	278,610	279,977	288,376
IVR Automated Only	551,521	505,349	411,803	424,157
Total Calls	940,077	783,959	691,780	712,533
<b>OUTCOME MEASURES</b>				
Number of Accounts	68,979	70,518	71,339	72,231
Average Wait Time in Minutes	15	10	9	9
<b>EFFICIENCY MEASURES</b>				
Average Cost Per Call	\$ 0.76	\$ 0.86	\$ 0.87	\$ 1.10
Transactions Handled per Agent	31,326	32,124	23,331.42	24,031



# DEPARTMENT 6125 - CALL CENTER

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 52,971	\$ 52,826	\$ 55,417	\$ 55,266	\$ 60,988	\$ 69,181
6110 Clerical staff	347,358	356,932	358,732	383,822	337,128	413,795
6130 Overtime	3,785	10,573	3,757	6,098	3,748	10,130
6201 T.M.R.S.	70,778	74,719	73,684	71,620	71,753	89,109
6205 F.I.C.A.	22,685	23,795	24,107	25,230	24,043	29,945
6206 Suta	183	-	-	-	-	-
6210 Medicare	5,305	5,565	5,638	5,901	5,623	7,003
6214 Dental Insurance	7,382	6,931	6,400	6,701	5,782	6,467
6215 Hospitalization insurance	122,020	128,521	121,021	124,432	104,354	127,308
6220 Life Insurance	399	404	387	502	381	587
6221 Long Term Disability Insurance	772	787	764	814	758	966
6225 Workers Compensation	10,339	10,731	10,563	10,173	10,456	12,074
6230 Vacation leave	8,574	3,027	(3,569)	5,607	567	6,168
6235 Sick leave	(38,580)	2,831	(8,120)	6,169	772	6,786
6240 Educational assistance	3,133	6,921	1,723	-	-	-
6260 Vacancy Savings	-	-	-	(39,518)	-	(24,149)
<i>O&amp;M PERSONNEL TOTAL</i>	617,104	684,562	650,505	662,817	626,352	755,370
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	-	-	-	-	-	-
7120 Office supplies	1,857	1,767	2,374	3,000	6,222	3,500
7125 Photo equipment/supplies	-	-	-	-	-	-
7130 Postage/shipping charges	-	-	-	100	-	-
7140 Training expenses	325	-	-	600	-	400
7145 Travel expenses	1,054	-	-	1,700	-	850
7199 Miscellaneous office expenses	-	-	-	-	52	-
7299 Other materials & supplies	-	-	-	-	-	-
7315 Food, meals, ice, water	414	-	446	250	343	400
7699 Other services	58,732	23,033	22,187	21,900	23,387	23,350
7820 Office furniture & equipment	-	1,609	-	-	-	1,500
7899 Other minor tools & equipment	-	-	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	62,382	26,409	25,007	27,550	30,003	30,000
	679,486	710,971	675,512	690,367	656,355	785,370



Department Responsibility: **Arnoldo Villarreal**  
 Title: **Meter Services Mgr.**  
 Telephone Ext: **6146**  
 Dept. No: **6130**

**PERFORMANCE MEASURES  
FOR THE  
METER SERVICES DEPARTMENT**

**Department Function:**

The Meter Services Department provides quick and accurate services (connects, disconnects, and transfers) for our customers. They provide re-reading (meters) services with abnormal consumption and as requested by customers. They're also responsible for cutting off at the pole, reporting possible tampering, checking for voltage loads, plugging sewer lines on delinquent accounts and delivering notice of disconnection to customers.

**Department Goals/Objectives:**

The departmental goal includes scheduling and completing service orders for electric, water, and wastewater services to the Brownsville PUB's customers in a safe and efficient manner. The department also strives to increase the cashflow for our organization by responding to non-payment cases.

**INPUT MEASURES**

FTE  
 Personnel O&M Costs  
 Non-Personnel O&M Costs  
 Total O&M Costs

**OUTPUT MEASURES**

# of Service Orders (SO) Completed  
 # of Disconnections For Non-Payment  
 # of Reconnects For Non-Payment  
 # of Reconnect Services

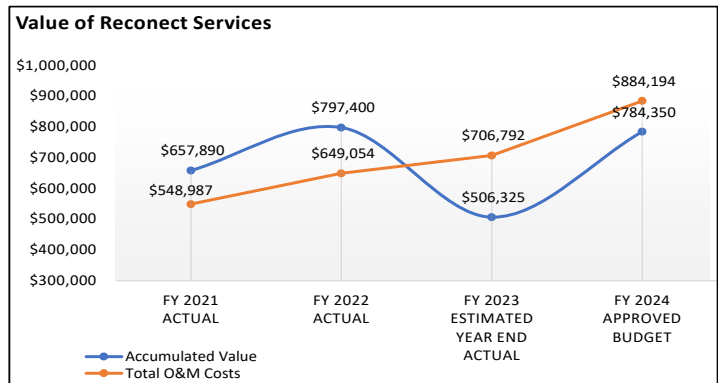
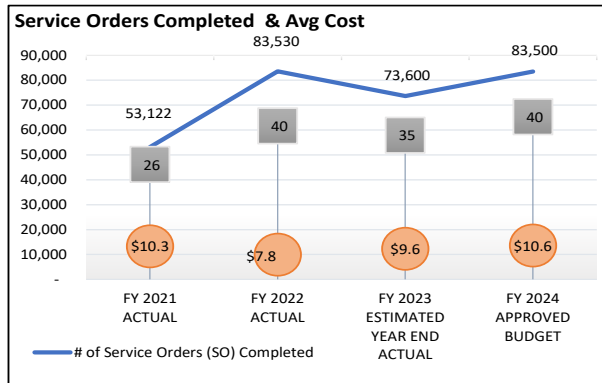
**OUTCOME MEASURES**

Value of Reconnect Fees  
 Value of Reconnect Services  
 Accumulated Value

**EFFICIENCY MEASURES**

Average SO Resolved per FTE per day  
 Cost Per Service Order

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
FTE	9	9	9	9
Personnel O&M Costs	\$ 495,716	\$ 594,955	\$ 646,022	\$ 817,157
Non-Personnel O&M Costs	\$ 53,271	\$ 54,099	\$ 60,770	\$ 67,037
Total O&M Costs	\$ 548,987	\$ 649,054	\$ 706,792	\$ 884,194
# of Service Orders (SO) Completed	53,122	83,530	73,600	83,500
# of Disconnections For Non-Payment	15,445	16,476	10,400	16,200
# of Reconnects For Non-Payment	10,849	13,180	8,320	12,960
# of Reconnect Services	278	264	285	270
Value of Reconnect Fees	\$ 650,940	\$ 790,800	\$ 499,200	\$ 777,600
Value of Reconnect Services	\$ 6,950	\$ 6,600	\$ 7,125	\$ 6,750
Accumulated Value	\$ 657,890	\$ 797,400	\$ 506,325	\$ 784,350
Average SO Resolved per FTE per day	26	40	35	40
Cost Per Service Order	\$ 10.33	\$ 7.77	\$ 9.60	\$ 10.59



## DEPARTMENT 6130 – METER SERVICES

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 46,525	\$ 46,053	\$ 48,451	\$ 48,318	\$ 88,052	\$ 138,091
6115 Operational staff	295,318	261,279	319,184	313,643	342,884	385,195
6130 Overtime	1,621	6,730	12,393	15,807	10,077	18,056
6201 T.M.R.S.	60,811	56,648	67,501	63,705	78,671	96,546
6205 F.I.C.A.	20,042	18,345	22,239	22,442	25,709	32,444
6210 Medicare	4,687	4,290	5,201	5,248	6,013	7,588
6214 Dental Insurance	5,888	5,319	5,717	6,385	5,929	6,475
6215 Hospitalization insurance	86,511	85,244	100,060	113,111	106,439	130,153
6220 Life Insurance	319	289	326	440	379	610
6221 Long Term Disability Insurance	628	570	651	724	783	1,047
6225 Workers Compensation	8,701	7,979	9,620	9,049	11,158	13,082
6230 Vacation leave	(2,566)	1,858	3,652	4,622	14,705	6,682
6235 Sick leave	(51,546)	1,112	(41)	5,086	29,755	7,352
6260 Vacancy Savings	-	-	-	(32,577)	-	(26,164)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>476,938</b>	<b>495,716</b>	<b>594,955</b>	<b>576,004</b>	<b>720,555</b>	<b>817,157</b>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	75	-	376	-	-	-
7120 Office supplies	1,243	553	261	500	104	200
7140 Training expenses	-	-	-	775	-	1,237
7145 Travel expenses	3,277	-	983	2,650	2,876	2,250
7180 Utilities - departmental	930	-	-	-	-	-
7225 Safety supplies	4,048	2,246	2,311	3,000	2,998	2,000
7299 Other materials & supplies	15,561	10,688	4,562	14,000	18,350	20,000
7315 Food, meals, ice, water	174	-	135	200	120	150
7325 Rental of equip/storage/land	7,390	5,769	-	-	-	-
7335 Wearing apparel & dry goods	1,640	3,971	5,075	6,289	3,066	5,000
7415 Fuels & lubricants	19,620	26,020	36,999	30,000	34,954	27,000
7501 Maint. of buildings & structures	-	-	-	-	-	7,000
7505 Maint. of communication equipment	238	439	-	500	63	200
7601 Legal Fees	-	-	-	-	-	-
7635 Software maintenance service fees	2,763	3,108	3,186	3,000	720	-
7699 Other services	563	-	-	-	-	-
7835 Tools, shop and garage equipment	-	163	-	-	-	-
7899 Other minor tools & equipment	361	315	211	500	520	2,000
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>57,884</b>	<b>53,271</b>	<b>54,099</b>	<b>61,414</b>	<b>63,771</b>	<b>67,037</b>
	<b>534,822</b>	<b>548,987</b>	<b>649,054</b>	<b>637,418</b>	<b>784,326</b>	<b>884,194</b>



Department Responsibility: **Norma A. Gomez**

Title: **CIS Support Manager**

Telephone Ext: **6133**

Dept. No: **6135**

**PERFORMANCE MEASURES  
FOR THE  
CIS SUPPORT DEPARTMENT**

**Department Function:**

This department is responsible for implementation and testing of new features and improving upon the existing features of the Utility Manager System (UMS). In addition, this department is responsible for implementation and testing rate changes on the UMS application. Staff addresses issues from users and creates reports that will allow the user to review their work faster and complete their tasks accurately. Staff also coordinates and monitors daily and nightly billing processes which include revenues from penalties and billing.

**Department Goals/Objectives:**

The CIS Support Department's objective is to establish new tools that will allow the Customer & Information Services Department to care for the needs of our customers efficiently. To meet the demands of customers with new tools such as the customer self-service portal and e-mail systems. To provide audit tools to the departments that will maximize our revenue and allow them to complete their tasks accurately.

**INPUT MEASURES**

Employees (FTE's)

Total O&M Expenses

**OUTPUT MEASURES**

Cayenta Utilities Billing Projects

Cayenta Utilities System Reports

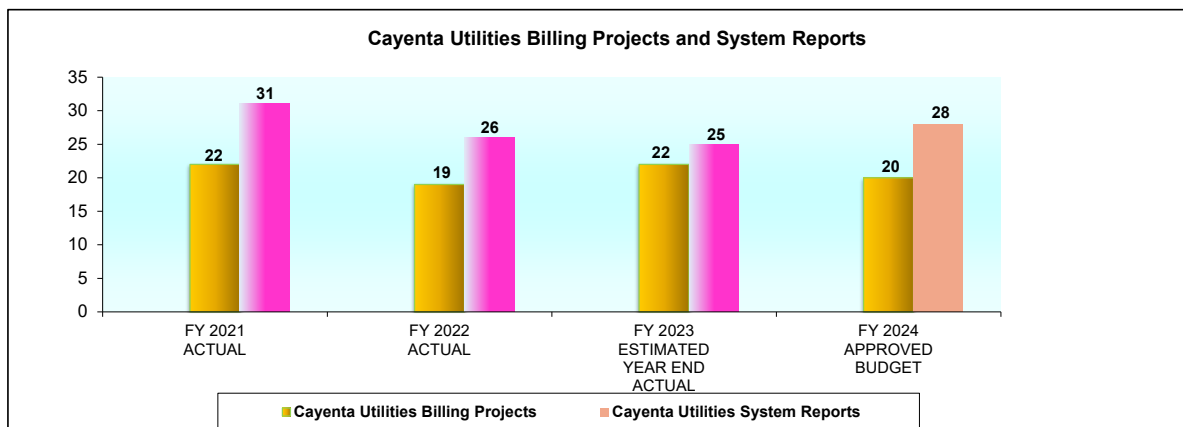
Training on Major Projects

**OUTCOME MEASURES**

Cayenta Utilities System Downtime (goal <3% daily)

Development Training Employee Success Rate (goal 100%)

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
3	3	4	4
\$ 463,168	\$ 414,803	\$ 262,943	\$ 697,157
22	19	22	20
31	26	25	28
100%	100%	100%	100%
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes



## DEPARTMENT 6135 – CIS SUPPORT

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 89,310	\$ 88,218	\$ 92,522	\$ 92,269	\$ 99,278	\$ 108,534
6110 Clerical staff	91,550	89,602	97,524	92,914	155,478	166,670
6130 Overtime	236	518	640	4,020	786	4,808
6201 T.M.R.S.	31,640	31,652	33,446	32,592	45,028	50,775
6205 F.I.C.A.	10,861	10,628	11,290	11,481	14,906	17,063
6210 Medicare	2,540	2,486	2,640	2,685	3,486	3,990
6214 Dental Insurance	1,497	1,490	1,533	1,653	2,214	2,216
6215 Hospitalization insurance	22,930	26,131	29,971	34,527	45,521	49,714
6220 Life Insurance	156	155	156	211	217	310
6221 Long Term Disability Insurance	339	337	341	370	478	550
6225 Workers Compensation	4,527	4,458	4,767	4,630	6,389	6,880
6230 Vacation leave	4,207	799	(771)	2,365	3,369	3,514
6235 Sick leave	(6,664)	2,704	530	2,602	9,461	3,867
6260 Vacancy Savings	-	-	-	(16,666)		(13,760)
<i>O&amp;M PERSONNEL TOTAL</i>	<u>253,129</u>	<u>259,178</u>	<u>274,588</u>	<u>265,652</u>	<u>386,609</u>	<u>405,132</u>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	45	90	-	200	70	100
7120 Office supplies	2,234	327	549	500	1,773	1,000
7130 Postage/shipping charges	-	-	-	100	-	-
7140 Training expenses	-	5,000	4,100	3,100	-	2,225
7145 Travel expenses	2,546	-	4,792	2,784	906	3,200
7299 Other materials & supplies	13	86	233	100	81	100
7315 Food, meals, ice, water	350	-	45	300	331	400
7635 Software maintenance service fees	200,380	182,917	111,817	203,929	198,232	260,000
7699 Other services	1,680	15,570	18,680	30,000	18,795	25,000
7820 Office furniture & equipment	3,944	-	-	-	-	-
7899 Other minor tools & equipment	5,851	-	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<u>217,043</u>	<u>203,990</u>	<u>140,215</u>	<u>241,012</u>	<u>220,188</u>	<u>292,025</u>
	<b>470,172</b>	<b>463,168</b>	<b>414,803</b>	<b>506,664</b>	<b>606,797</b>	<b>697,157</b>





Department Responsibility: Danny Marez

Title: Bus Devl & Key Accts Manager

Telephone Ext: 6286

Dept. No: 6145

**PERFORMANCE MEASURES  
FOR THE  
ENERGY EFFICIENCY & CONSERVATION DEPARTMENT**

**Department Function:**

To promote energy efficiency and conservation amongst Brownsville PUB customers.

**Department Goals/Objectives:**

By promoting energy efficiency, Brownsville PUB hopes to save our customers money, to help "peak shave" and thereby reduce energy costs and to eventually serve as a virtual energy source by reducing the existing and future energy requirements of our customers.

**INPUT MEASURES**

Employees  
LED Program  
Energy Efficiency Website Program  
Energy Efficiency and Conservation Rebate Program  
Commercial & Industrial Rebate Program  
Combined programs

**OUTPUT MEASURES**

Number of Website Visits  
Number of CFLs Provided to Community  
Number of Rebates  
Number of Energy Audits

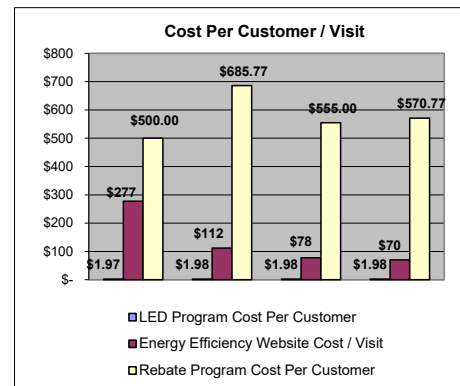
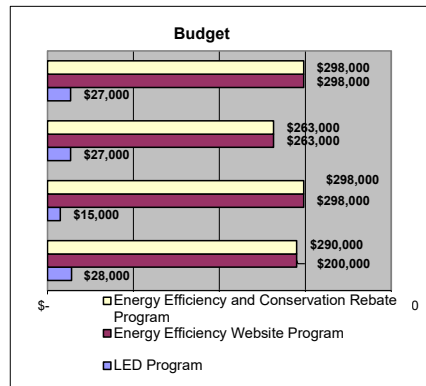
**OUTCOME MEASURES**

E-Bill Environmental Impact (sheets, envelopes saved)

**EFFICIENCY MEASURES**

LED Program Cost Per Customer  
Energy Efficiency Website Cost / Visit  
Rebate Program Cost Per Customer

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
1	1	1	1
\$ 28,000	\$ 15,000	\$ 27,000	\$ 27,000
\$ 28,000	\$ 28,000	\$ 28,000	\$ 28,000
\$ 290,000	\$ 298,000	\$ 263,000	\$ 298,000
\$ 110,000	\$ 73,000	\$ 70,000	\$ 73,000
\$ 400,000	\$ 371,000	\$ 333,000	\$ 371,000
101	250	360	400
8,500	5,061	8,000	8,000
800	541	600	650
-	300	391	425
146,760	N/A	N/A	N/A
\$ 1.97	\$ 1.98	\$ 1.98	\$ 1.98
\$ 277	\$ 112	\$ 78	\$ 70
\$ 500.00	\$ 685.77	\$ 555.00	\$ 570.77



## DEPARTMENT 6145 – ENERGY EFFICIENCY & CONSERVATION

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6105 Administrative Staff	\$ 50,564	\$ 50,425	\$ 52,994	\$ 52,749	\$ 37,778	\$ 59,883
6201 T.M.R.S.	8,834	8,950	9,296	9,284	7,910	11,048
6205 F.I.C.A.	2,847	2,789	2,912	3,270	2,567	3,713
6210 Medicare	666	652	681	765	600	868
6214 Dental Insurance	620	618	618	685	446	729
6215 Hospitalization insurance	11,882	13,683	14,399	16,097	9,215	15,808
6220 Life Insurance	46	46	45	61	34	69
6221 Long Term Disability Insurance	96	96	97	106	74	120
6225 Workers Compensation	1,264	1,261	1,325	1,319	1,148	1,497
6230 Vacation leave	(329)	821	810	674	1,771	765
6235 Sick leave	(5,936)	-	194	741	2,692	841
6260 Vacancy Savings	-	-	-	(4,747)	-	(2,994)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>70,553</b>	<b>79,340</b>	<b>83,370</b>	<b>81,003</b>	<b>64,234</b>	<b>92,346</b>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	-	-	-	-	-	-
7120 Office supplies	-	-	-	-	4,747	600
7140 Training expenses	-	-	-	-	-	2,000
7145 Travel expenses	-	-	-	-	-	5,000
7315 Food, meals, ice, water	14	-	15	-	88	-
7340 Promo Exp-Enrgy Efficiency & Consv	13,400	15,722	12,842	18,000	19,950	27,500
7345 Rebate Exp-Enrgy Efficiency & Cnsrv	231,916	311,320	256,954	220,000	178,638	199,000
7346 Water Efficiency Program	-	-	-	-	-	-
7347 Commercial & Industrial Rebate Prog	128,488	52,586	72,325	100,000	24,824	85,000
7415 Fuels & lubricants	223	145	146	500	58	100
7635 Software maintenance service fees	27,250	27,250	27,250	30,000	27,250	27,000
7699 Other services	44,375	52,750	44,375	45,000	26,250	40,000
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>445,666</b>	<b>459,773</b>	<b>413,906</b>	<b>413,500</b>	<b>281,804</b>	<b>386,200</b>
	<b>516,219</b>	<b>539,113</b>	<b>497,276</b>	<b>494,503</b>	<b>346,038</b>	<b>478,546</b>



Department Responsibility: Arnold Villarreal  
 Title: Meter Services Mgr.  
 Telephone Ext: 6146  
 Dept. No: 6150

**PERFORMANCE MEASURES  
FOR THE  
METER READING DEPARTMENT**

**Department Function:**

The Meter Reading Department responsible for providing reliable and timely reads on electric and water meters anywhere on the BPUB area of service including Brownsville City limits and extraterritorial jurisdictions (ETJ). All meters are read once a month on walking routes. Also assist the pre-billing reads validation which consist of a third verification of the meter read requested when the read is inconsistent with the customer's consumption history.

**Department Goals/Objectives:**

The departmental goals include scheduling and performing daily 100% accurate meter reads in observance to the billing schedule

**INPUT MEASURES**

FTE  
 O&M Personnel Expenses  
 O&M Non-Personnel Expenses  
 Total O&M Expenses

**OUTPUT MEASURES**

No. of Meter Reads  
 No. of Meters Estimated

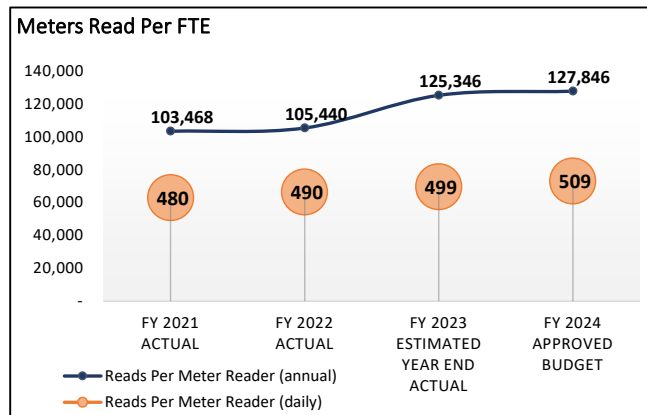
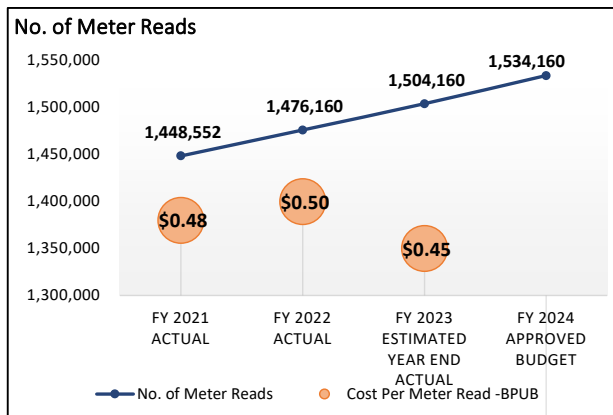
**OUTCOME MEASURES**

% of Estimated Readings  
 % of Radio Frequency Meters Installed

**EFFICIENCY MEASURES**

Cost Per Meter Read -BPUB  
 Reads Per Meter Reader (annual)  
 Reads Per Meter Reader (daily)

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
FTE	14	14	12	12
O&M Personnel Expenses	\$ 622,443	\$ 645,432	\$ 632,333	\$ 694,554
O&M Non-Personnel Expenses	\$ 76,699	\$ 98,086	\$ 59,403	\$ 70,250
Total O&M Expenses	\$ 699,142	\$ 743,518	\$ 691,736	\$ 764,804
No. of Meter Reads	1,448,552	1,476,160	1,504,160	1,534,160
No. of Meters Estimated	27,815	36,202	38,000	40,000
% of Estimated Readings	1.88%	2.45%	2.52%	2.60%
% of Radio Frequency Meters Installed	8%	8%	8%	8%
Cost Per Meter Read -BPUB	\$ 0.48	\$ 0.50	\$ 0.45	\$ -
Reads Per Meter Reader (annual)	103,468	105,440	125,346	127,846
Reads Per Meter Reader (daily)	480	490	499	509



## DEPARTMENT 6150 – METER READING

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 47,339	\$ 47,210	\$ 51,086	\$ 51,854	\$ 29,319	\$ -
6115 Operational staff	351,015	331,552	334,813	372,174	373,925	422,531
6130 Overtime	2,389	8,672	16,257	18,003	16,860	22,378
6201 T.M.R.S.	71,023	69,799	71,897	74,629	74,752	77,957
6205 F.I.C.A.	24,262	23,229	24,362	26,290	25,269	26,197
6206 Suta	-	-	-	-	-	-
6210 Medicare	5,674	5,433	5,698	6,148	5,910	6,127
6214 Dental Insurance	7,027	7,021	6,682	8,153	6,637	6,648
6215 Hospitalization insurance	112,999	124,751	122,131	150,943	120,374	130,576
6220 Life Insurance	408	388	378	545	399	526
6221 Long Term Disability Insurance	746	713	697	848	752	845
6225 Workers Compensation	10,168	9,834	10,298	10,601	10,678	10,563
6230 Vacation leave	105	(4,027)	26	5,415	(1,312)	5,396
6235 Sick leave	(34,387)	(2,132)	1,107	5,958	4,114	5,937
6260 Vacancy Savings	-	-	-	(38,163)	-	(21,127)
<i>O&amp;M PERSONNEL TOTAL</i>	<u>598,769</u>	<u>622,443</u>	<u>645,432</u>	<u>693,399</u>	<u>667,677</u>	<u>694,554</u>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	75	-	326	800	410	500
7120 Office supplies	1,487	1,238	1,656	1,000	893	750
7130 Postage/shipping charges	166	-	212	200	442	300
7140 Training expenses	-	-	1,295	1,000	-	1,000
7145 Travel expenses	1,390	-	3,554	2,000	128	1,800
7180 Utilities - departmental	3,962	-	-	4,000	-	500
7190 Utilities - CP&L & Mvec	-	-	-	-	-	-
7225 Safety supplies	4,624	3,541	3,384	4,000	3,702	3,500
7299 Other materials & supplies	9,272	10,763	6,362	15,000	15,915	8,000
7315 Food, meals, ice, water	667	40	225	300	443	600
7325 Rental of equip/storage/land	7,390	5,769	-	-	-	-
7335 Wearing apparel & dry goods	929	4,028	6,168	7,300	5,378	6,000
7415 Fuels & lubricants	19,097	25,229	38,792	35,000	36,934	30,000
7501 Maint. of buildings & structures	-	-	4,500	-	-	5,000
7505 Maint. of communication equipment	295	878	921	1,000	1,207	500
7645 Maintenance services	21,688	23,353	26,920	22,000	1,468	10,000
7647 Remote Reading Services	-	-	-	-	-	-
7699 Other services	-	737	946	-	984	-
7899 Other minor tools & equipment	1,014	1,124	2,826	2,500	1,780	1,800
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<u>72,056</u>	<u>76,699</u>	<u>98,086</u>	<u>96,100</u>	<u>69,683</u>	<u>70,250</u>
	<b>670,825</b>	<b>699,142</b>	<b>743,518</b>	<b>789,499</b>	<b>737,360</b>	<b>764,804</b>



<b>Department Responsibility:</b>	<b>Eduardo Campirano Jr.</b>
<b>Title:</b>	<b>Customer Service Manager</b>
<b>Telephone Ext:</b>	<b>6242</b>
<b>Dept. No:</b>	<b>6160</b>

**PERFORMANCE MEASURES  
FOR THE  
CASHIERS DEPARTMENT**

**Department Function:**

The Cashiers Department is responsible for processing payments in an efficient and effective manner. In addition, this department is responsible for controlling departmental costs and staffing levels while implementing new methods of payment processing to achieve greater efficiency. Cashiers staff provides support to Call Center and Customer Service when needed and cross-trained staff is available.

**Department Goals/Objectives:**

The department's goal is to provide customers with the timely processing of payments and accurate handling of both the cash/checks and credit card transactions. The department's goal includes providing support to the mission of our organization.

**INPUT MEASURES**

FTE's  
Personnel O & M Expenses  
Non-Personnel O & M Expenses  
Total Expenses

**OUTPUT MEASURES**

Cashier Handled Payments - 2020 COVID closed  
Automated Payments  
Total Payments Processed

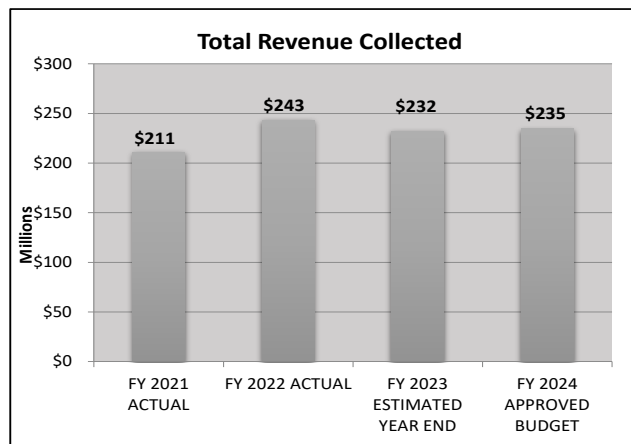
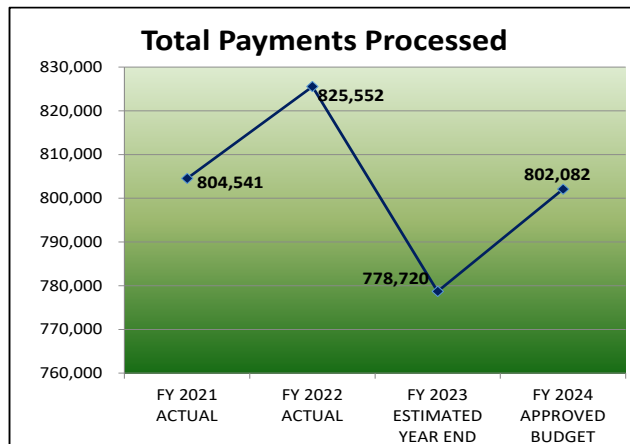
**OUTCOME MEASURES**

Number of Accounts  
Total Revenue Collected

**EFFICIENCY MEASURES**

Transactions Per FTE  
Cost Per Payment

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END	FY 2024 APPROVED BUDGET
8	8	8	8
\$ 411,444	\$ 428,117	\$ 472,646	\$ 546,204
\$ 766,114	\$ 796,709	\$ 805,528	\$ 818,530
\$ 1,177,558	\$ 1,224,826	\$ 1,278,174	\$ 1,364,734
48,571	97,043	104,043	107,164
755,970	728,509	674,677	694,917
804,541	825,552	778,720	802,082
68,979	70,518	71,399	72,291
\$ 210,846,980	\$ 243,118,102	\$ 231,952,605	234,852,012
100,568	103,194	97,340	100,260
\$ 1.46	\$ 1.46	\$ 1.64	\$ 1.70



## DEPARTMENT 6160 - CASHIERS

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 48,993	\$ 48,859	\$ 51,246	\$ 51,106	\$ 57,189	\$ 65,728
6110 Clerical staff	223,953	207,522	215,411	238,784	261,698	283,483
6130 Overtime	4,935	5,301	2,220	8,582	6,244	8,177
6201 T.M.R.S.	48,556	47,002	47,910	51,021	57,293	64,429
6205 F.I.C.A.	16,154	15,268	15,775	17,973	18,999	21,651
6210 Medicare	3,778	3,571	3,689	4,203	4,443	5,064
6214 Dental Insurance	4,382	4,191	4,134	4,848	4,355	4,363
6215 Hospitalization insurance	71,846	76,013	79,083	93,233	83,736	91,556
6220 Life Insurance	264	251	250	359	298	418
6221 Long Term Disability Insurance	509	481	484	580	592	698
6225 Workers Compensation	6,948	6,621	6,963	7,247	8,148	8,730
6230 Vacation leave	7,124	(2,910)	(754)	3,702	4,170	4,459
6235 Sick leave	(29,521)	(727)	1,704	4,073	5,306	4,906
6260 Vacancy Savings	-	-	-	(26,090)	-	(17,461)
<i>O&amp;M PERSONNEL TOTAL</i>	407,922	411,444	428,117	459,620	512,470	546,204
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	-	-	-	-	-	-
7120 Office supplies	6,608	3,911	6,648	4,000	1,955	3,000
7130 Postage/shipping charges	-	618	-	-	-	-
7140 Training expenses	15	-	-	-	400	200
7145 Travel expenses	-	-	-	-	561	560
7299 Other materials & supplies	-	-	-	-	-	4,000
7315 Food, meals, ice, water	163	-	90	100	206	270
7635 Software maintenance service fees	3,500	3,570	3,713	4,000	3,880	3,000
7645 Maintenance services	5,037	5,037	6,339	5,000	5,037	4,000
7650 Security services	2,160	3,134	3,897	3,964	3,897	3,500
7699 Other services	628,203	748,466	769,760	760,000	795,419	800,000
7820 Office furniture & equipment	408	1,378	6,261	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	646,094	766,114	796,709	777,064	811,354	818,530
	1,054,016	1,177,558	1,224,826	1,236,684	1,323,824	1,364,734



Department Responsibility: **Constanza Miner**  
Title: **Chief Administrative Officer**

Telephone Ext: **956 983-6722**  
Dept. No: **7110**

**PERFORMANCE MEASURES  
FOR THE  
ADMINISTRATIVE OFFICE DEPARTMENT**

**Department Function:**

The Chief Administrative Officer (CAO) is the executive officer of the Brownsville PUB, who oversees administrative services of the organization. It is the CAO's responsibility to provide input for strategic planning, set goals for departments, collaborate on policy implementation, support adherence to established policies and vision. The CAO serves as the primary liaison between BPUB and the City of Brownsville City Commission, City Management, Key staff, Type A and B Economic Development Corporations and the Chamber of Commerce. The Director of Human Resources, Director of Communications & Support Services, Business Development and Key Accounts Manager, Real Estate Manager and Digital Information Platforms Technology Manager directly report to the CAO.

**Department Goals/Objectives:**

The department's objectives are to provide our customers, both internally and externally, with economical, reliable, and responsive service. In addition, the department's goals are to:

- Identify, select, and retain a professional management team
- Conduct periodic staff meetings
- Recognize constraints and limitation of State and Industry guidelines, in addition to other applicable rules and regulations
- Recommends and develop the implementation of new business initiatives, customer programs and opportunities for the utility
- Effectively direct Strategic Planning efforts in order to coordinate and prioritize goals and objectives

**INPUT MEASURES**

Employees (FTE)  
O&M Expenditures Personnel  
O&M Expenditures Non-Personnel

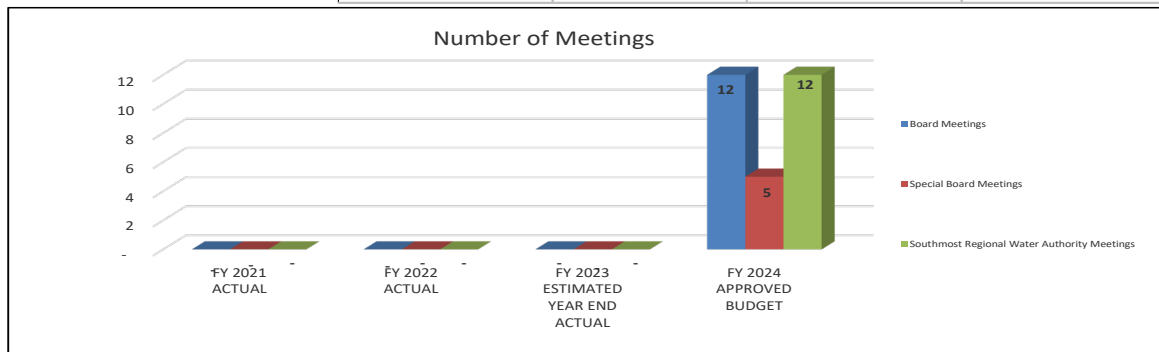
**OUTPUT MEASURES**

Board Meetings  
Director Meetings  
Agenda Items Reviewed

**OUTCOME MEASURES**

Joint Meetings with City Commission  
Joint Meetings with Port of Brownsville  
Southmost Regional Water Authority Meetings  
Special Board Meetings  
Joint Meetings with GBIC Director  
Directors/Managers Meetings

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
Employees (FTE)	-	-	1	1
O&M Expenditures Personnel	\$ -	\$ -	\$ -	\$ 291,390
O&M Expenditures Non-Personnel	\$ -	\$ -	\$ -	\$ 87,500
Board Meetings	-	-	-	12
Director Meetings	-	-	-	52
Agenda Items Reviewed	-	-	-	300
Joint Meetings with City Commission	-	-	-	1
Joint Meetings with Port of Brownsville	-	-	-	-
Southmost Regional Water Authority Meetings	-	-	-	12
Special Board Meetings	-	-	-	5
Joint Meetings with GBIC Director	-	-	-	-
Directors/Managers Meetings	-	-	-	10



## DEPARTMENT 7110 – ADMINISTRATIVE OFFICE

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ -	\$ -	\$ 76,737	\$ 210,018
6105 Administrative Staff	-	-	-	-	14,102	38,748
6201 T.M.R.S.	-	-	-	-	4,872	13,021
6205 F.I.C.A.	-	-	-	-	1,139	3,045
6210 Medicare	-	-	-	-	265	729
6214 Dental Insurance	-	-	-	-	5,275	15,808
6215 Hospitalization insurance	-	-	-	-	51	219
6220 Life Insurance	-	-	-	-	76	420
6221 Long Term Disability Insurance	-	-	-	-	1,996	5,250
6225 Workers Compensation	-	-	-	-	4,039	2,682
6230 Vacation leave	-	-	-	-	1,616	2,951
6235 Sick leave	-	-	-	-	3,115	9,000
6260 Vacancy Savings	-	-	-	-	-	(10,501)
<i>O&amp;M PERSONNEL TOTAL</i>	-	-	-	-	113,284	291,390
<i>O&amp;M NON-PERSONNEL</i>						
7102 Sponsorships	-	-	-	-	-	75,000
7110 Dues & memberships	-	-	-	-	45	500
7120 Office supplies	-	-	-	-	348	1,500
7130 Postage/shipping charges	-	-	-	-	-	50
7140 Training expenses	-	-	-	-	2,975	1,250
7145 Travel expenses	-	-	-	-	6,772	2,500
7199 Miscellaneous office expenses					270	
7225 Safety supplies	-	-	-	-	-	100
7299 Other materials & supplies	-	-	-	-	-	300
7315 Food, meals, ice, water	-	-	-	-	-	750
7325 Rental of equip/storage/land	-	-	-	-	-	550
7601 Legal Fees	-	-	-	-	773	5,000
<i>O&amp;M NON-PERSONNEL TOTAL</i>	-	-	-	-	11,183	87,500
	-	-	-	-	124,467	378,890





Department Responsibility: Luis Russell  
 Title: Acting Risk Manager  
 Telephone Ext: 6249  
 Dept. No: 7120

**PERFORMANCE MEASURES  
FOR THE  
RISK/INSURANCE MANAGEMENT DEPARTMENT**

**Department Function:**

The Risk/Insurance Management Department's function is to provide risk management and insurance services to protect the utility's assets.

**Department Goals/Objectives:**

The purpose of the Risk/Insurance Management Department is to provide cost effective, comprehensive coverage to the utility for the most coverage at the least cost and to resolve claims and subrogate claims in a timely manner.

**INPUT MEASURES**

Employees  
 Total O&M Expenses

**OUTPUT MEASURES**

Operational Reports (monthly)  
 No. of Claims Filed with Insurance (WC)  
 BPUB Injury Illness Reports  
 No. of Claims Filed with Insurance (Risk)  
 No. of Paid Claims Filed with Insurance (Risk)  
 No. of Denied Claims Filed with Insurance (Risk)  
 Number of Claims in Litigation (Risk)  
 No. Electrical Claims  
 No. Electrical Claims Subrogated  
 No. Electrical Claims Subrogated and paid  
 No. Electrical Claims unable to Subrogate  
 No. Water/Wastewater Claims  
 No. Water/Wastewater Claims Subrogated  
 No. Water/Wastewater Claims Subrogated and Paid  
 No. Water/Wastewater Claims Unable to Subrogate

**OUTCOME MEASURES**

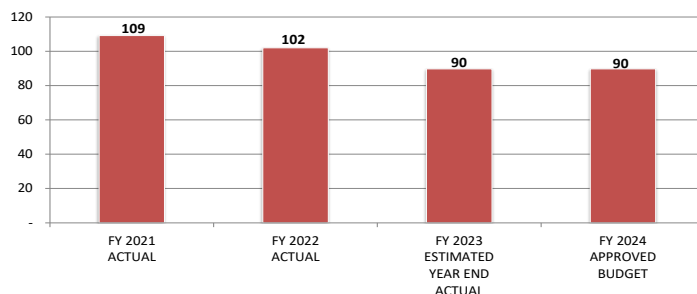
Maintain Monthly Count of Incidents by Department  
 Maintain Monthly Tally of Cost Per Injury  
 Track % of Timeliness of Reporting  
 Maintain Claims Logs  
 Track Timeliness of Claim Processing

**EFFICIENCY MEASURES**

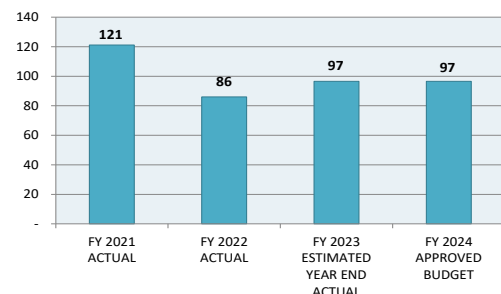
Avg. No. of Claim Per Month  
 Avg. Cost of Claim (WC)  
 No. of Work Related Injuries per Year  
 Lost Time Accident/Incident Rate  
 Avg No. of Claims Filed with Insurance Per Month (Risk)  
 Avg Cost of Claim (\$)  
 Avg No. of Subrogated Claims Per Month  
 Avg Electric Claim Subrogated Amount (\$)  
 Avg Water/Wastewater Claim Subrogated Amount (\$)  
 Avg Cost of Claims in Litigation (\$)

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
3	3	1	2
\$ 2,864,083	\$ 3,276,552	\$ 3,598,932	\$ 3,940,929
12	12	12	12
25	25	48	48
12	12	12	12
319	104	127	127
17	19	16	16
298	80	83	83
7	Unknown	15	15
109	102	90	90
10	28	14	14
4	12	3	3
86	55	63	63
121	86	97	97
5	23	10	10
1	9	1	1
97	28	33	33
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
100%	100%	100%	100%
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
2.50	2.00	4.60	4.60
\$ 3,000.00	\$ 3,325.00	\$ 7,323.20	\$ 7,323.20
35	33	47	47
5.00%	6.00%	10.35%	10.35%
31	10	21	21
\$ 3,615.11	\$ 5,902.46	\$ 49,908.01	\$ 49,908.01
11	51	36	36
\$ 4,551.46	\$ 4,945.91	\$ 5,203.05	\$ 5,203.05
\$ 2,678.76	\$ 1,952.22	\$ 5,433.53	\$ 5,433.53
\$ 125,000.00	\$ 125,000.00	\$ 125,000.00	\$ 125,000.00

**No. Electrical Claims**



**No. Water/Wastewater Claims**



## DEPARTMENT 7120 – RISK / INSURANCE MANAGEMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 65,020	\$ 64,812	\$ 33,644		\$ -	\$ -
6105 Administrative Staff	45,853	96,065	123,809	136,011	145,486	150,800
6201 T.M.R.S.	19,413	28,618	27,744	23,938	25,753	27,823
6205 F.I.C.A.	6,160	9,238	9,198	8,433	8,611	9,350
6210 Medicare	1,441	2,161	2,151	1,972	2,014	2,187
6214 Dental Insurance	1,466	1,852	1,519	1,293	1,162	1,164
6215 Hospitalization insurance	24,779	34,270	29,324	25,085	22,525	24,634
6220 Life Insurance	98	144	128	153	122	168
6221 Long Term Disability Insurance	211	313	282	272	274	302
6225 Workers Compensation	2,778	4,028	3,952	3,400	3,654	3,770
6230 Vacation leave	(1,477)	4,974	(2,693)	1,737	2,135	1,926
6235 Sick leave	(17,541)	1,909	(2,260)	1,911	1,619	2,119
6260 Vacancy Savings	-	-		(12,241)	-	(7,540)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>148,201</b>	<b>248,384</b>	<b>226,798</b>	<b>191,965</b>	<b>213,355</b>	<b>216,701</b>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	655	8,509	-	3,300	5,745	7,000
7120 Office supplies	429	252	227	575	124	150
7130 Postage/shipping charges	73	461	73	500	97	100
7140 Training expenses	1,190	425	1,745	2,500	1,149	1,250
7145 Travel expenses	1,711	-	531	-	1,830	-
7225 Safety supplies	33	86	-	230	59	150
7299 Other materials & supplies	-	-	15	-	-	-
7315 Food, meals, ice, water	39	-	33	-	30	25
7380 Insurance - general liability	116,063	104,936	63,459	51,000	48,396	67,200
7381 Insurance - boiler,mchnry,property	1,116,362	1,591,434	1,948,166	2,500,000	2,166,565	2,511,487
7382 Insurance - blanket bond	5,721	6,050	5,971	6,500	5,655	6,219
7384 Insurance - public officials liab	65,096	70,059	91,609	100,000	101,524	110,000
7385 Insurance - comprehensive auto liab	148,608	163,175	170,528	174,650	172,371	200,200
7386 Insurance - umbrella liability	451,642	489,642	593,435	800,000	688,316	757,148
7387 Insurance - self insured damages	13,359	36,633	25,945	125,000	42,859	80,000
7388 Excess Workers Compensation	44,907	57,469	64,595	82,250	76,003	83,500
7415 Fuels & lubricants	1,725	3,381	6,187	4,000	5,611	5,000
7420 Parts	-	-	-	-	-	-
7601 Legal Fees	-	-	-	2,000	4,983	1,500
7699 Other services	69,958	82,538	76,738	88,100	182,122	110,000
7820 Office furniture & equipment	215	649	496	-	-	-
7899 Other minor tools & equipment	19,600	-	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>2,057,385</b>	<b>2,615,699</b>	<b>3,049,754</b>	<b>3,940,605</b>	<b>3,503,439</b>	<b>3,940,929</b>
	<b>2,205,586</b>	<b>2,864,083</b>	<b>3,276,552</b>	<b>4,132,570</b>	<b>3,716,794</b>	<b>4,157,630</b>



Department Responsibility: Jesus Alfaro  
 Title: Real Estate  
Manager  
 Telephone Ext: 6210  
 Dept. No: 7125

**PERFORMANCE MEASURES  
FOR THE  
REAL ESTATE DEPARTMENT**

**Department Function:**

The Real Estate Department provides professional right-of-way acquisition services for Brownsville PUB in conjunction with the city of Brownsville. The BPUB Right of Way staff follows Local, State, and Federal Guidelines of Land Acquisition Grant Projects. BPUB delivers right-of-way acquisition for natural gas pipelines, electric transmission/distribution lines, water lines, wastewater lines, resacas, and utility infrastructure projects.

**Department Goals/Objectives:**

The Real Estate Department secures Fee Simple Real Estate Properties, Water Rights Purchases, Land Donations, Land Leases, Right-of-Entry Permits, Utility Easements Acquisitions, Program Management, Route Evaluation and Selection, Title Search, Title Curative Support, Appraisal Activities, Crossing Permits, Negotiations, Property Management, Market Values Studies, Residential and Business Relocation, Statutory and Non-Statutory Acquisition, Condemnation Support, Expert Witness Testimony, Utility Coordination, and Relocation.

**INPUT MEASURES**

Employees (FTEs)  
 O&M Non-Personnel Expenses

**OUTPUT MEASURES**

Fee Simple Real Estate (Acres of land)  
 Fee Simple Real Estate (Number of Parcels)  
 Right-of-Way (Acres)  
 Right-of-Way (Parcels)  
 Water Rights Adj. Cert.- M865-MUL- Service Area  
 Water Rights Adj. Cert.- 1838-MUL- C [Acre Ft.]  
 Water Rights Adj. Cert.- 5259-STG - Cameron [Acre  
 Water Rights Adj. Cert.- 0865-003 MUN- Service Area  
 Water Rights Adj. Cert.- A865-IRR- Service Area  
 Water Rights - Leased in Acre Feet  
 Subdivision Reviewed and Approved  
 Easements-License, Encroachments  
 Land Leases (Acres of Land)  
 Land Leases - (Number of Leases)  
 Land Title Insurance Policies

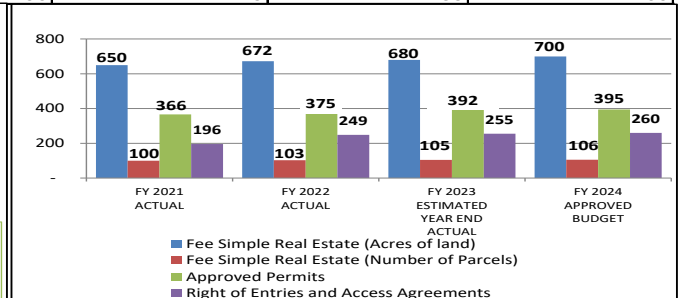
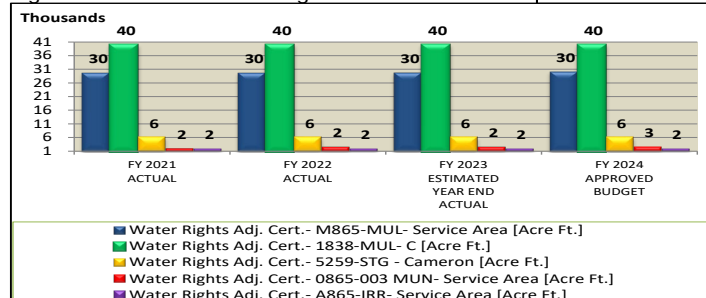
**OUTCOME MEASURES**

Land Conveyed to Public Entities  
 Title Reports or Title Commitments  
 County Clerk Recordings of Real Estate Documents  
 Appraisals  
 Land Surveys

**EFFICIENCY MEASURES**

Utility Easements - (Acquired Acres)  
 Utility Easements - (Number of Parcels)  
 Electrical Easements - (Acquired Acres)  
 Electrical Easements - (Number of Parcels)  
 Electrical CCN Projects Approved by PUCT  
 Approved Permits  
 Right of Entries and Access Agreements

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
Employees (FTEs)	-	-	1	
O&M Non-Personnel Expenses	\$ -	\$ -	\$ 181,632	\$ 216,740
Fee Simple Real Estate (Acres of land)	650	672	680	700
Fee Simple Real Estate (Number of Parcels)	100	103	105	106
Right-of-Way (Acres)	90	94	100	110
Right-of-Way (Parcels)	123	125	130	135
Water Rights Adj. Cert.- M865-MUL- Service Area	29,565	29,565	29,655	30,000
Water Rights Adj. Cert.- 1838-MUL- C [Acre Ft.]	40,000	40,000	40,000	40,000
Water Rights Adj. Cert.- 5259-STG - Cameron [Acre	6,000	6,000	6,000	6,000
Water Rights Adj. Cert.- 0865-003 MUN- Service Area	1,957	2,400	2,439	2,500
Water Rights Adj. Cert.- A865-IRR- Service Area	1,783	1,783	1,783	1,783
Water Rights - Leased in Acre Feet	2,000	2,000	2,000	2,000
Subdivision Reviewed and Approved	2,165	2,175	2,180	2,190
Easements-License, Encroachments	17	18	20	25
Land Leases (Acres of Land)	162	162	162	162
Land Leases - (Number of Leases)	6	6	6	6
Land Title Insurance Policies	123	124	135	145
Land Conveyed to Public Entities	2	2	2	4
Title Reports or Title Commitments	571	595	600	620
County Clerk Recordings of Real Estate Documents	1,052	1,076	1,085	1,090
Appraisals	25	43	50	60
Land Surveys	55	97	105	115
Utility Easements - (Acquired Acres)	160	175	190	205
Utility Easements - (Number of Parcels)	666	673	681	695
Electrical Easements - (Acquired Acres)	131	132	133	140
Electrical Easements - (Number of Parcels)	190	208	215	220
Electrical CCN Projects Approved by PUCT	129	132	135	137
Approved Permits	366	375	392	395
Right of Entries and Access Agreements	196	249	255	260



## DEPARTMENT 7125 – REAL ESTATE

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ -	\$ -	\$ 18,845	\$ -
6105 Administrative Staff	-	-	-	-	55,756	53,071
6110 Clerical staff	-	-	-	-	45,773	46,218
6130 Overtime	-	-	-	2,703	470	1,667
6201 T.M.R.S.	-	-	-	-	21,744	18,319
6205 F.I.C.A.	-	-	-	-	7,119	6,156
6210 Medicare	-	-	-	-	1,665	1,440
6214 Dental Insurance	-	-	-	-	1,321	1,160
6215 Hospitalization insurance	-	-	-	-	25,527	24,585
6220 Life Insurance	-	-	-	-	104	114
6221 Long Term Disability Insurance	-	-	-	-	225	199
6225 Workers Compensation	-	-	-	-	3,020	2,482
6230 Vacation leave	-	-	-	-	13,463	1,268
6235 Sick leave	-	-	-	-	34,393	1,395
6260 Vacancy Savings	-	-	-	-	-	(4,964)
<i>O&amp;M PERSONNEL TOTAL</i>	-	-	-	2,703	229,424	153,109
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	-	-	-	2,065	2,024	12,240
7120 Office supplies	-	-	-	2,000	1,870	500
7130 Postage/shipping charges	-	-	-	40	-	-
7140 Training expenses	-	-	-	500	2,260	1,250
7145 Travel expenses	-	-	-	500	2,066	2,250
7225 Safety supplies	-	-	-	400	276	300
7315 Food, meals, ice, water	-	-	-	-	220	100
7325 Rental of equip/storage/land	-	-	-	102,000	110,218	117,300
7330 Right of way fees	-	-	-	48,000	51,338	67,000
7415 Fuels & lubricants	-	-	-	2,000	631	800
7635 Software maintenance service fees	-	-	-	15,000	20,302	15,000
<i>O&amp;M NON-PERSONNEL TOTAL</i>	-	-	-	172,505	191,205	216,740
	-	-	-	175,208	420,629	369,849



Department Responsibility: Eddy Hernandez  
 Title: Director  
 Telephone Ext: 6130  
 Dept. No: 7130

**PERFORMANCE MEASURES  
FOR THE  
INFORMATION TECHNOLOGY DEPARTMENT**

**Department Function:**

- To provide leadership, planning, and vision for the direction and implementation of systems and tools.
- To improve efficiency, productivity and how tools and platforms work together.
- To securely provide the technology necessary for the company to provide services for staff and customers.

**Department Goals/Objectives:**

- Provides management and support for the following departments: 7131 - IT Hardware, Cyber & Network Management, 7132 - IT Solutions & Project Management, 7133 - IT Applications Support
- To work with other departments to implement solutions that enable staff to complete their functions more efficiently.
- To keep all systmes up and running with minimal downtime.

**INPUT MEASURES**

O&M Personnel Expenses  
 O&M Non-Personnel Expenses

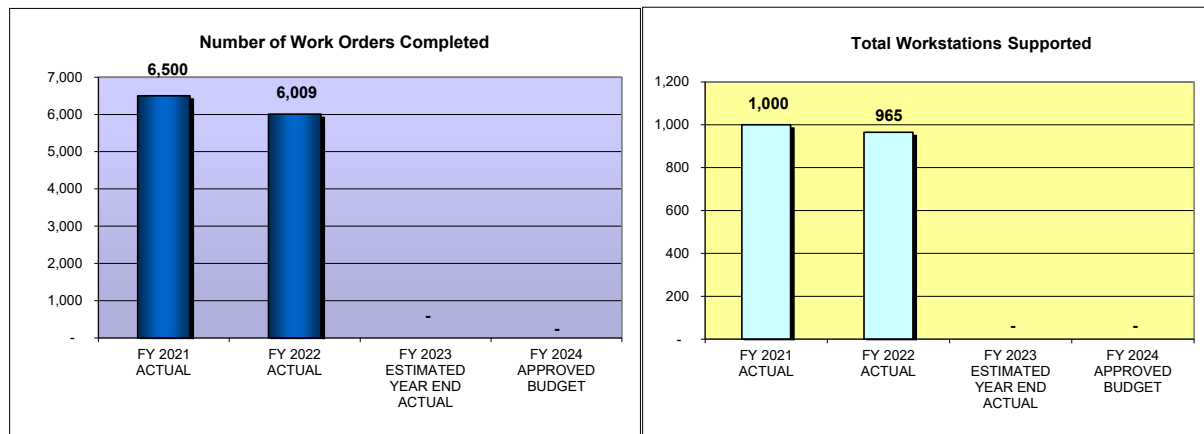
**OUTPUT MEASURES**

Number of Work Orders Completed  
 Total Workstations Supported  
 Servers Supported

**EFFICIENCY MEASURES**

Projects Completed  
 System Availability:  
 Telephones  
 Network  
 Applications  
 Internet

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
\$ 1,659,131	\$ 1,608,581	\$ 1,394,591	\$ 444,011
\$ 1,664,272	\$ 1,887,131	\$ 1,946,234	\$ 99,350
6,500	6,009	-	-
1,000	965	-	-
210	227	-	-
99.90%	99.90%	99.90%	99.90%
99.90%	99.90%	99.90%	99.90%
99.90%	99.90%	99.90%	99.90%
99.90%	99.90%	99.90%	99.90%



## DEPARTMENT 7130 - INFORMATION TECHNOLOGY

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 381,209	\$ 383,017	\$ 400,019	\$ 398,923	\$ 374,059	\$ 325,936
6105 Administrative Staff	594,351	638,235	609,054	728,354	444,026	-
6110 Clerical staff	83,342	82,042	78,144	84,885	92,532	-
6130 Overtime	467	3,552	1,591	6,122	5,510	-
6201 T.M.R.S.	185,490	198,125	193,714	213,340	161,796	60,135
6205 F.I.C.A.	63,167	65,829	65,074	75,154	54,822	20,208
6210 Medicare	14,643	15,396	15,219	17,576	12,821	4,726
6214 Dental Insurance	9,677	10,221	9,508	11,156	6,992	871
6215 Hospitalization insurance	171,828	199,707	196,939	240,439	143,729	21,366
6220 Life Insurance	912	948	890	1,368	751	343
6221 Long Term Disability Insurance	2,017	2,101	1,981	2,424	1,635	652
6225 Workers Compensation	26,484	27,907	27,679	30,304	23,196	8,148
6230 Vacation leave	39,140	24,625	1,308	15,479	(82,191)	4,162
6235 Sick leave	(35,808)	7,428	7,460	17,031	(64,581)	4,579
6242 Auto Benefits	-	-	-	-	2,308	7,500
6243 Telephone Benefits	-	-	-	-	517	1,680
6260 Vacancy Savings	-	-	-	(109,095)	-	(16,297)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>1,536,920</b>	<b>1,659,131</b>	<b>1,608,581</b>	<b>1,733,460</b>	<b>1,177,921</b>	<b>444,011</b>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	-	-	-	-	-
7110 Dues & memberships	-	-	58	-	-	-
7120 Office supplies	2,895	389	1,447	2,000	2,434	800
7130 Postage/shipping charges	50	74	34	100	-	-
7135 Telephone expenses	189,888	183,882	221,794	200,000	288,551	-
7140 Training expenses	2,826	-	140	2,000	450	2,500
7145 Travel expenses	1,947	-	2,239	2,000	5,301	4,400
7180 Utilities - departmental	3,793	3,420	3,698	3,000	6,037	-
7299 Other materials & supplies	4,378	8,337	5,173	5,000	4,548	-
7315 Food, meals, ice, water	243	14	429	-	2,516	150
7335 Wearing apparel & dry goods	-	-	-	-	-	-
7415 Fuels & lubricants	887	929	1,145	700	1,443	-
7601 Legal Fees	-	-	-	-	-	1,500
7605 Engineering fees	42,574	-	-	-	-	-
7635 Software maintenance service fees	784,339	774,503	930,031	886,770	917,907	-
7645 Maintenance services	183,884	307,975	339,277	287,625	452,517	-
7699 Other services	-	25,648	-	50,000	108,300	90,000
7801 Communication equipment	-	13,655	-	5,000	6,954	-
7805 Computer equipment	468,624	267,020	318,318	340,000	289,153	-
7806 Software licenses-new	96,232	78,427	63,350	75,000	66,418	-
7820 Office furniture & equipment	-	-	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>1,782,560</b>	<b>1,664,272</b>	<b>1,887,131</b>	<b>1,859,195</b>	<b>2,152,529</b>	<b>99,350</b>
	<b>3,319,480</b>	<b>3,323,403</b>	<b>3,495,712</b>	<b>3,592,655</b>	<b>3,330,450</b>	<b>543,361</b>



Department Responsibility: Jose Luis Lopez  
 Title: IT Hardware Support Manager  
 Telephone Ext: 6155  
 Dept. No: 7131

**PERFORMANCE MEASURES  
 FOR THE  
 IT HARDWARE, CYBER, & NETWORK MGMNT DEPARTMENT**

**Department Function:**

- Provides the computing, telecommunications, and infrastructure for Brownsville PUB and supports network services and systems services.
- Information Technology Network Services: Provide hardware/software support and user training; technological support and consultation for all departments throughout Brownsville PUB; maintain client/server environment; develop and maintain infrastructure to provide connectivity and access to information; operate a centralized help desk for all technology support requests. • The cybersecurity team is also responsible for protecting the IT infrastructure, edge devices, networks and data.

**Department Goals/Objectives:**

- Supply the information technology hardware services necessary for Brownsville PUB to be effective and efficient in providing economical and friendly service to our customers.
- Plan for hardware information systems, including evaluation and recommendation of applicable new technologies.
- Proactive support in the uses of information technology for the improvement of Brownsville PUB processes and procedures. • Protect critical assets, maintain compliance and minimize disruption to ongoing operations.

Metrics	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 PROPOSED BUDGET
<b>INPUT MEASURES</b>				
O&M Personnel Expenses	\$ -	\$ -	\$ -	\$ 1,080,613
O&M Non-Personnel Expenses	\$ -	\$ -	\$ -	\$ 1,867,950
<b>OUTPUT MEASURES</b>				
Number of Work Orders Completed	N/A	N/A	4,070	4300
Total Communication Devices & Accessories	N/A	N/A	1,288	1300
Total Workstations Supported	N/A	N/A	925	975
Servers Supported	N/A	N/A	314	350
<b>EFFICIENCY MEASURES</b>				
System Availability:				
Telephones	N/A	N/A	99.90%	99.90%
Network	N/A	N/A	99.90%	99.90%
Applications	N/A	N/A	99.90%	99.90%
Internet	N/A	N/A	99.90%	99.90%

## **DEPARTMENT 7131 – IT HARDWARE, CYBER & NETWORK**

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ -	\$ -	\$ 37,839	\$ 113,755
6105 Administrative Staff	-	-	-	-	138,838	442,187
6110 Clerical staff	-	-	-	-	61,745	188,448
6130 Overtime	-	-	-	-	2,034	-
6201 T.M.R.S.	-	-	-	-	42,465	137,340
6205 F.I.C.A.	-	-	-	-	14,382	46,152
6210 Medicare	-	-	-	-	3,364	10,794
6214 Dental Insurance	-	-	-	-	1,995	6,255
6215 Hospitalization insurance	-	-	-	-	38,341	131,998
6220 Life Insurance	-	-	-	-	210	839
6221 Long Term Disability Insurance	-	-	-	-	466	1,489
6225 Workers Compensation	-	-	-	-	6,154	18,610
6230 Vacation leave	-	-	-	-	51,517	9,506
6235 Sick leave	-	-	-	-	71,333	10,459
6260 Vacancy Savings	-	-	-	-	-	(37,220)
<i>O&amp;M PERSONNEL TOTAL</i>	-	-	-	-	470,681	1,080,613
<i>O&amp;M NON-PERSONNEL</i>						
7120 Office supplies	-	-	-	-	-	2,000
7130 Postage/shipping charges		-	-	-	-	200
7135 Telephone expenses		-	-	-	17,204	345,000
7140 Training expenses		-	-	-	-	7,500
7145 Travel expenses		-	-	-	-	5,000
7180 Utilities - departmental		-	-	-	-	4,000
7299 Other materials & supplies		-	-	-	-	4,000
7315 Food, meals, ice, water		-	-	-	-	500
7415 Fuels & lubricants		-	-	-	-	1,000
7635 Software Maintenance Service Fees		-	-	-	-	622,000
7645 Maintenance services		-	-	-	-	379,000
7699 Other services		-	-	-	-	54,000
7801 Communication equipment		-	-	-	-	9,000
7805 Computer equipment		-	-	-	-	344,000
7806 Software licenses-new		-	-	-	-	90,750
<i>O&amp;M NON-PERSONNEL TOTAL</i>	-	-	-	-	17,204	1,867,950
	-	-	-	-	487,885	2,948,563





Department Responsibility:	<u>Jaime Aguilar</u>
Title:	<u>IT Sys Plan/Pjct Coord. Mgr</u>
Telephone Ext:	<u>6154</u>
Dept. No:	<u>7132</u>

**PERFORMANCE MEASURES  
FOR THE  
IT SOLUTIONS AND PROJECT MANAGEMENT DEPARTMENT**

**Department Function:**

Provide guidance and leadership with respect to technology that aligns with the organization's mission. Assist BPUB achieve IT goals by planning and executing projects.

**Department Goals/Objectives:**

- To explore and provide technology solutions for the departments and its users in order to enhance processes and procedures.
- To evaluate, recommend, plan and execute solutions of new technologies.
- Lead projects to introduce new solutions, scale IT processes and optimize workflow

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ -	\$ -	\$ 35,244	\$ 107,806
6105 Administrative Staff	-	-	-	-	24,310	74,360
6201 T.M.R.S.	-	-	-	-	10,517	33,610
6205 F.I.C.A.	-	-	-	-	3,496	11,294
6210 Medicare	-	-	-	-	818	2,641
6214 Dental Insurance	-	-	-	-	380	1,164
6215 Hospitalization insurance	-	-	-	-	9,461	31,615
6220 Life Insurance	-	-	-	-	50	199
6221 Long Term Disability Insurance	-	-	-	-	115	364
6225 Workers Compensation	-	-	-	-	1,489	4,554
6230 Vacation leave	-	-	-	-	13,002	2,326
6235 Sick leave	-	-	-	-	14,013	2,559
6260 Vacancy Savings	-	-	-	-	-	(9,108)
<i>O&amp;M PERSONNEL TOTAL</i>	-	-	-	-	112,895	263,386
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	-	-	-	-	-	1,200
7120 Office supplies	-	-	-	-	-	400
7130 Postage/shipping charges	-	-	-	-	-	40
7140 Training expenses	-	-	-	-	-	1,100
7145 Travel expenses	-	-	-	-	-	-
7299 Other materials & supplies	-	-	-	-	-	300
7315 Food, meals, ice, water	-	-	-	-	-	1,000
7806 Software licenses-new	-	-	-	-	-	400
<i>O&amp;M NON-PERSONNEL TOTAL</i>	-	-	-	-	-	4,440
	-	-	-	-	112,895	267,826

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Department Responsibility:	<u>Araceli Zuniga</u>
Title:	<u>IT Sys &amp; Software Supp Mgr.</u>
Telephone Ext:	<u>6152</u>
Dept. No:	<u>7133</u>

**PERFORMANCE MEASURES  
FOR THE  
IT APPLICATIONS SUPPORT DEPARTMENT**

**Department Function:**

The function of the IT Applications Support department is to support, develop, and maintain systems, applications, databases, and reports that uphold BPUB operations and its core business needs.

**Department Goals/Objectives:**

To ensure the operability of all 3rd-party and in-house systems, applications, and reports across BPUB. To develop applications and/or reports that simplify and ease user processes or functions. To assist with the integration of business solutions or interfaces that support new or existing business processes.

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ -	\$ -	\$ -	\$ -	\$ 35,144	\$ 108,264
6105 Administrative Staff	-	-	-	-	88,278	270,026
6201 T.M.R.S.	-	-	-	-	21,796	69,794
6205 F.I.C.A.	-	-	-	-	7,292	23,454
6210 Medicare	-	-	-	-	1,705	5,485
6214 Dental Insurance	-	-	-	-	998	3,057
6215 Hospitalization insurance	-	-	-	-	19,474	65,076
6220 Life Insurance	-	-	-	-	106	421
6221 Long Term Disability Insurance	-	-	-	-	239	757
6225 Workers Compensation	-	-	-	-	3,092	9,457
6230 Vacation leave	-	-	-	-	24,842	4,831
6235 Sick leave	-	-	-	-	70,303	5,315
6260 Vacancy Savings	-	-	-	-	-	(18,914)
<i>O&amp;M PERSONNEL TOTAL</i>	-	-	-	-	273,270	547,023
<i>O&amp;M NON-PERSONNEL</i>						
7120 Office supplies	-	-	-	-	-	400
7140 Training expenses	-	-	-	-	-	3,000
7145 Travel expenses	-	-	-	-	-	1,500
7315 Food, meals, ice, water	-	-	-	-	-	150
7635 Software Maintenance Service Fees	-	-	-	-	-	245,000
<i>O&amp;M NON-PERSONNEL TOTAL</i>	-	-	-	-	-	250,050
	-	-	-	-	273,270	797,073

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Department Responsibility: Sonia Gover  
 Title: GIS Manager  
 Telephone Ext: 6294  
 Dept. No: 7135

**PERFORMANCE MEASURES  
FOR THE  
GEOGRAPHIC INFORMATION SYSTEMS DEPARTMENT**

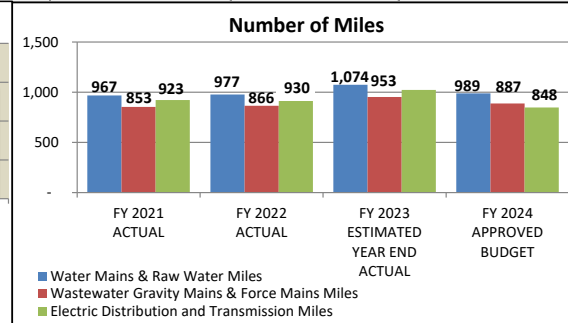
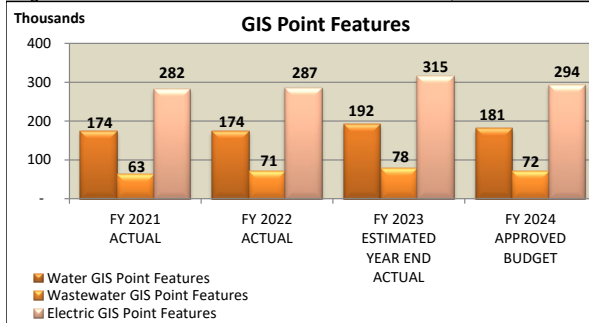
**Department Function:**

The Geographic Information Systems (GIS) Department plays an integral role in defining Brownsville PUB internal operational mapping needs. GIS is diligently evaluating the content, accuracy, and adequacy of existing and newly acquired data sets; identifying data needs in relation to work functions requirements; defining potential GIS applications for each department; assessing training requirements for GIS end users; reviewing areas for potential process improvements; and data sharing.

**Department Goals/Objectives:**

The Geographic Information System (GIS) Department is primarily responsible for the content and quality of spatial data and its related attributes in the BPUB service area. The BPUB electronic mapping system consist of the three utilities electric, water, and wastewater infrastructure and parcel data. The GIS personnel develop and maintain datasets for the benefit of BPUB internal and external customers. This data leverage allows BPUB to provide better customer service.

	FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
<b>INPUT MEASURES</b>				
Employees (FTEs)	10	10	8	8
O&M Non-Personnel Expenses	\$ 351,607	\$ 324,750	\$ 174,190	\$ 225,350
<b>OUTPUT MEASURES</b>				
Subdivisions	2,240	2,284	2,512	2,310
Addresses	64,012	64,871	71,358	65,734
Street Names	9,024	9,107	10,018	9,161
Parcels	93,816	94,604	104,064	95,175
Water GIS Point Features	173,820	174,304	191,734	181,094
Wastewater GIS Point Features	63,458	71,027	78,130	71,612
Electric GIS Point Features	282,346	286,615	315,277	293,504
GPS Field Inventory	39,550	43,600	1,800	1,980
Water Mains & Raw Water Miles	967	977	1,074	989
Wastewater Gravity Mains & Force Mains Miles	853	866	953	887
Electric Distribution and Transmission Miles	923	930	1,023	848
<b>OUTCOME MEASURES</b>				
Avg. Number of Internal Customers	100	110	121	133
Avg. Number of External Customers	15	16	18	19
<b>EFFICIENCY MEASURES</b>				
Avg. Number of Electric Work Orders Posted	403	445	1360	1496
Avg. Number of Water Work Orders Posted	490	540	2832	3115
Avg. Number of Wastewater Work Orders Posted	305	350	72	79



## DEPARTMENT 7135 - GEOGRAPHIC INFORMATION SYSTEMS

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 82,703	\$ 82,476	\$ 86,515	\$ 86,278	\$ 57,873	\$ 74,483
6105 Administrative Staff	176,316	177,335	197,447	178,208	183,669	202,613
6110 Clerical staff	218,076	219,831	234,731	241,030	177,747	208,686
6115 Operational staff	-	-	-	-	-	-
6130 Overtime	15,429	10,839	3,239	12,575	5,389	10,523
6201 T.M.R.S.	86,543	87,661	92,124	88,971	80,444	95,721
6205 F.I.C.A.	29,240	28,965	30,886	31,342	27,173	32,166
6210 Medicare	6,830	6,774	7,223	7,330	6,355	7,523
6214 Dental Insurance	5,714	5,692	5,694	6,137	4,233	4,363
6215 Hospitalization insurance	93,658	103,285	108,720	118,268	81,799	91,556
6220 Life Insurance	435	432	444	589	365	588
6221 Long Term Disability Insurance	911	907	937	1,011	778	1,038
6225 Workers Compensation	12,338	12,269	13,052	12,638	11,638	12,970
6230 Vacation leave	14,970	10,320	(5,733)	6,455	(14,374)	6,203
6235 Sick leave	5,948	3,034	3,803	7,103	(20,201)	6,825
6240 Educational assistance	907	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(45,497)	-	(24,289)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>750,017</b>	<b>749,821</b>	<b>779,083</b>	<b>752,440</b>	<b>602,888</b>	<b>730,970</b>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	2,767	669	2,199	30	-	100
7120 Office supplies	1,979	3,946	5,545	3,000	4,189	2,000
7130 Postage/shipping charges	105	-	-	60	29	50
7135 Telephone expenses	-	-	-	-	-	-
7140 Training expenses	405	1,400	2,599	2,000	45	2,000
7145 Travel expenses	4,608	-	-	2,000	4,836	3,600
7225 Safety supplies	843	2,375	2,667	1,600	952	1,400
7299 Other materials & supplies	1,466	2,130	2,744	3,000	2,481	3,500
7310 Federal, state, & local fees	-	-	-	-	-	-
7315 Food, meals, ice, water	685	56	1,390	-	2,146	1,000
7325 Rental of equip/storage/land	104,711	105,478	106,808	2,500	1,126	2,000
7330 Right of way fees	32,676	35,043	39,929	-	-	-
7335 Wearing apparel & dry goods	1,142	589	713	1,000	1,001	700
7415 Fuels & lubricants	2,943	3,937	6,128	3,000	5,249	4,500
7420 Parts	-	-	-	-	-	-
7605 Engineering fees	-	-	-	-	-	-
7635 Software maintenance service fees	87,277	194,643	153,301	150,000	15,429	200,000
7645 Maintenance services	-	-	-	-	-	-
7699 Other services	64,917	-	200	-	-	-
7805 Computer equipment	402	80	180	5,000	-	4,000
7806 Software licenses-new	-	-	-	1,000	-	500
7820 Office furniture & equipment	1,014	395	-	-	266	-
7899 Other minor tools & equipment	778	866	347	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>308,718</b>	<b>351,607</b>	<b>324,750</b>	<b>174,190</b>	<b>37,749</b>	<b>225,350</b>
	<b>1,058,735</b>	<b>1,101,428</b>	<b>1,103,833</b>	<b>926,630</b>	<b>640,637</b>	<b>956,320</b>



Department Responsibility: **Dr. Emilia Guerra**  
 Title: **Director of Human Resources**  
 Telephone Ext: **6188**  
 Dept. No: **7140**

**PERFORMANCE MEASURES  
FOR THE  
HUMAN RESOURCES DEPARTMENT**

**Department Function:**

The Human Resources Department is responsible for planning and maintaining a comprehensive human resources program for BPUB. In addition to wage, salary, and benefit administration, this department is responsible for oversight of employee issues, facilitating management-employee relations, personnel records and partnering with management to achieve the organizational strategy.

**Department Goals/Objectives:**

To develop human capital within Brownsville PUB through leadership and support in the following areas: employee retention; employee development; employee benefits; rewards and recognition; employee satisfaction and morale; performance management; and other employee issues.

**INPUT MEASURES**

Employees (FTEs)  
Total O&M Expenses

**OUTPUT MEASURES**

Gender Pay Equity (Female median earnings as a % of Males' median earnings)  
Gender Pay Gap (Female average earnings as a % of Males' average earnings)

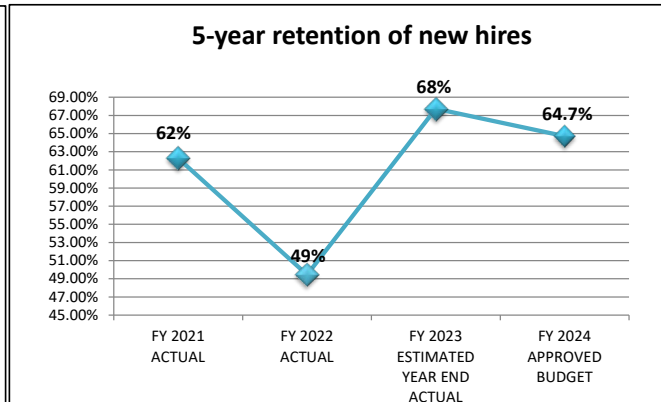
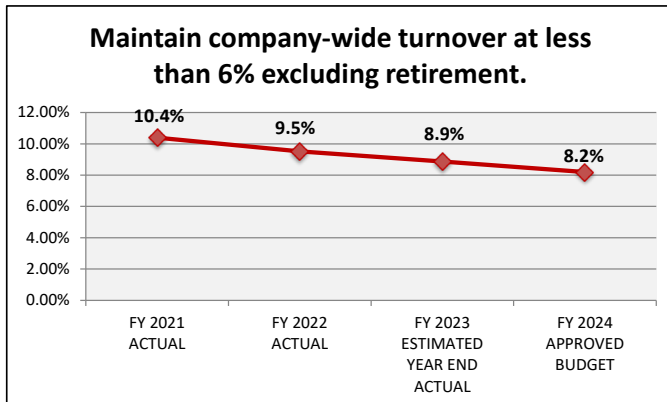
**OUTCOME MEASURES**

Recognition of employee for living BPUB's core values  
Number of Retirees

**EFFICIENCY MEASURES**

Maintain company-wide turnover at less than 6% excluding retirement.  
5-year retention of new hires

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
3	3	1	1
\$ 575,812	\$ 551,054	\$ 425,920	\$ 462,658
91.7%	89.9%	90.3%	90.0%
98.6%	101.3%	103.8%	103.9%
153	101	72	246
23	19	19	20
10.4%	9.5%	8.9%	8.2%
62%	49%	68%	64.7%



## DEPARTMENT 7140 - HUMAN RESOURCES

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 133,811	\$ 133,444	\$ 140,780	\$ 139,589	\$ 149,242	\$ 161,595
6110 Clerical staff	80,786	82,510	79,952	83,096	16,402	-
6130 Overtime	11,045	13,331	4,980	-	367	-
6201 T.M.R.S.	47,647	42,409	41,476	39,193	31,065	29,814
6205 F.I.C.A.	16,212	14,199	14,322	13,806	10,823	10,019
6210 Medicare	3,846	3,385	3,362	3,229	2,573	2,343
6214 Dental Insurance	1,797	1,498	1,445	1,653	661	435
6215 Hospitalization insurance	31,386	29,489	29,854	34,527	12,323	8,827
6220 Life Insurance	181	181	182	249	130	170
6221 Long Term Disability Insurance	381	380	376	445	259	323
6225 Workers Compensation	6,798	5,976	5,911	5,567	4,408	4,040
6230 Vacation leave	6,089	1,582	(5,748)	2,844	302	2,658
6235 Sick leave	3,614	334	(2,868)	3,129	10,134	2,924
6240 Educational assistance	-	-	-	-	-	-
6242 Auto Benefits	7,500	7,212	7,500	7,500	7,500	7,500
6243 Telephone Benefits	1,680	1,616	1,680	1,680	1,680	1,680
6250 Miscellaneous personnel benefits	80,432	35,806	34,479	65,000	106,015	91,000
6260 Vacancy Savings	-	-	-	(20,042)	-	(10,406)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>433,204</b>	<b>373,352</b>	<b>357,684</b>	<b>381,464</b>	<b>353,883</b>	<b>312,923</b>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	1,576	1,564	3,087	914	2,713	1,460
7115 Educational material	-	-	-	-	-	-
7120 Office supplies	4,156	4,772	3,278	2,000	3,032	2,500
7130 Postage/shipping charges	-	-	55	100	-	50
7135 Telephone expenses	253	-	-	-	-	-
7140 Training expenses	125	175	-	-	125	-
7145 Travel expenses	901	-	-	-	13	-
7147 Mileage Reimbursement (InTownExp)	57	-	-	-	-	-
7299 Other materials & supplies	5,757	-	-	-	-	-
7315 Food, meals, ice, water	975	19	258	-	622	225
7322 Recognition Program	31,162	22,660	5,905	10,000	7,102	15,000
7325 Rental of equip/storage/land	6,550	6,293	5,082	6,172	9,616	5,500
7415 Fuels & lubricants	-	-	-	-	4,001	-
7420 Parts	-	-	-	-	-	-
7601 Legal Fees	229,177	134,200	98,484	152,532	54,401	75,000
7605 Engineering fees	61,773	29,440	-	-	-	-
7699 Other services	13,461	3,052	77,220	75,000	41,699	50,000
7805 Computer equipment	-	-	-	-	-	-
7820 Office furniture & equipment	-	285	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>355,922</b>	<b>202,460</b>	<b>193,370</b>	<b>246,718</b>	<b>123,324</b>	<b>149,735</b>
	<b>789,126</b>	<b>575,812</b>	<b>551,054</b>	<b>628,182</b>	<b>477,207</b>	<b>462,658</b>





Department Responsibility: Joe Paredes

Title: Talent Acquisition & Staffing  
Manager

Telephone Ext: 6131

Dept. No: 7145

**PERFORMANCE MEASURES  
FOR THE  
TALENT ACQUISITION AND STAFFING DEPARTMENT**

**Department Function:**

Attracting a highly qualified workforce and ensuring an effective interview process, increasing company visibility in the employment marketplace and identifying the best and most cost effective recruitment sources strategy.

**Department Goals/Objectives:**

To provide an invaluable service at every opportunity that greatly contributes to the organization and candidates' business success and enhance the overall outcome.

**INPUT MEASURES**

Employees (FTEs)  
Total O&M Expenses

**OUTPUT MEASURES**

Interviews of Prospective Employees  
Job Announcements  
Job Offers

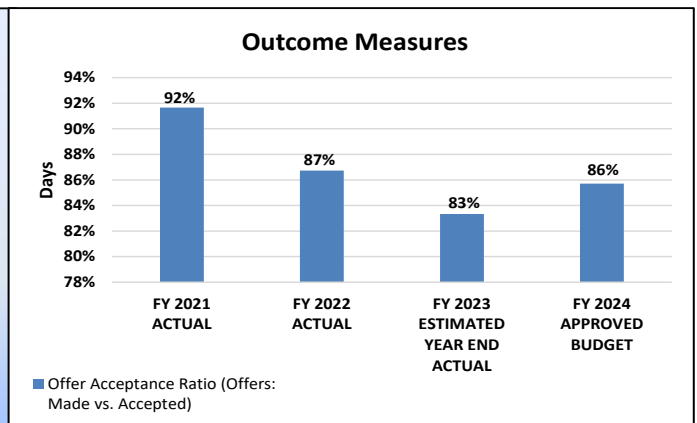
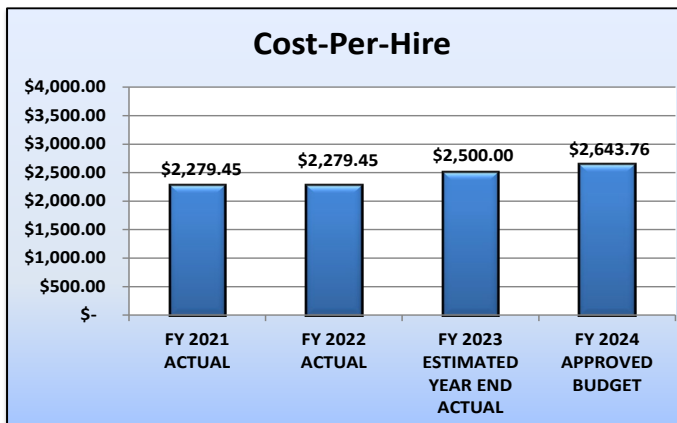
**OUTCOME MEASURES**

Interviews to Job Offers Ratio  
Fill Rate (Jobs Filled vs. Jobs Announcements)  
Offer Acceptance Ratio (Offers: Made vs. Accepted)

**EFFICIENCY MEASURES**

Recruitment Cost per Hire

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
3	3	4	4
\$ 351,036	\$ 394,123	\$ 395,000	\$ 462,658
288	457	386	425
78	99	98	95
216	226	186	210
75%	49%	48%	49%
71%	44%	63%	60%
92%	87%	83%	86%
\$ 2,279.45	\$ 2,279.45	\$ 2,500.00	\$ 2,643.76



## DEPARTMENT 7145 – TALENT ACQUISITION AND STAFFING

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ -	\$ 63,419	\$ 70,257	\$ 71,011	\$ 80,261	\$ 92,851
6105 Administrative Staff	171,875	94,562	125,054	124,467	128,387	130,707
6110 Clerical staff	-	-	2,713	-	47,800	47,965
6130 Overtime	-	-	-	-	926	1,730
6201 T.M.R.S.	30,029	28,984	34,731	34,404	45,358	50,096
6205 F.I.C.A.	9,416	8,998	11,644	12,120	15,066	16,834
6210 Medicare	2,202	2,104	2,723	2,834	3,524	3,937
6214 Dental Insurance	2,198	1,990	1,932	2,103	2,505	2,509
6215 Hospitalization insurance	37,160	37,207	32,462	34,074	42,083	46,001
6220 Life Insurance	152	141	161	221	218	306
6221 Long Term Disability Insurance	328	305	358	391	483	543
6225 Workers Compensation	4,297	4,110	4,951	4,887	6,436	6,788
6230 Vacation leave	4,578	(588)	7,743	2,496	(1,892)	3,467
6235 Sick leave	1,306	1,549	4,156	2,746	1,492	3,815
6240 Educational assistance	-	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(17,593)	-	(13,576)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>263,541</b>	<b>242,783</b>	<b>298,884</b>	<b>274,162</b>	<b>372,645</b>	<b>393,973</b>
<i>O&amp;M NON-PERSONNEL</i>						
7101 Advertising	1,238	7,974	1,432	3,000	5,142	5,000
7105 Books & periodicals	-	-	-	-	-	-
7110 Dues & memberships	540	540	454	740	920	1,100
7115 Educational material	-	-	-	-	29	-
7120 Office supplies	747	1,888	918	500	1,791	1,000
7130 Postage/shipping charges	-	-	-	-	-	-
7140 Training expenses	1,725	-	-	-	500	-
7145 Travel expenses	2,828	-	1,283	-	66	-
7150 Recruitment Expenses	1,472	-	3,090	1,500	6,182	4,500
7299 Other materials & supplies	136	97	-	-	-	-
7315 Food, meals, ice, water	273	-	545	-	1,949	500
7325 Rental of equip/storage/land	-	295	234	200	1,612	1,000
7635 Software maintenance service fees	13,759	12,973	13,380	15,000	14,449	18,000
7699 Other services	3,654	84,485	73,385	60,000	34,509	45,000
7805 Computer equipment	340	-	-	-	-	-
7820 Office furniture & equipment	-	-	519	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>26,713</b>	<b>108,253</b>	<b>95,239</b>	<b>80,940</b>	<b>67,150</b>	<b>76,100</b>
	<b>290,254</b>	<b>351,036</b>	<b>394,123</b>	<b>355,102</b>	<b>439,795</b>	<b>470,073</b>



Department Responsibility: **Jose Cuellar**  
 Title: **Fleet Services Manager**  
 Telephone Ext: **6362**  
 Dept. No: **7150**

**PERFORMANCE MEASURES  
FOR THE  
FLEET MANAGEMENT DEPARTMENT**

**Department Function:**

The Fleet Department is responsible for "keeping the fleet operating". The primary objective is to make repairs with the shortest "Turn Around" time while working effectively so that we may achieve a safe operating fleet at an optimum cost/hour. Personnel is available for "stand-by" support 24 hours/day, 365 days/year. Additionally, the department is responsible for providing BPUB with cost effective fleet equipment that will allow for departments to complete daily work operations safely and efficiently.

**Department Goals/Objectives:**

To provide superior customer service to internal and external customers by responding immediately to concerns related to vehicles and equipment utilized by Brownsville PUB personnel.

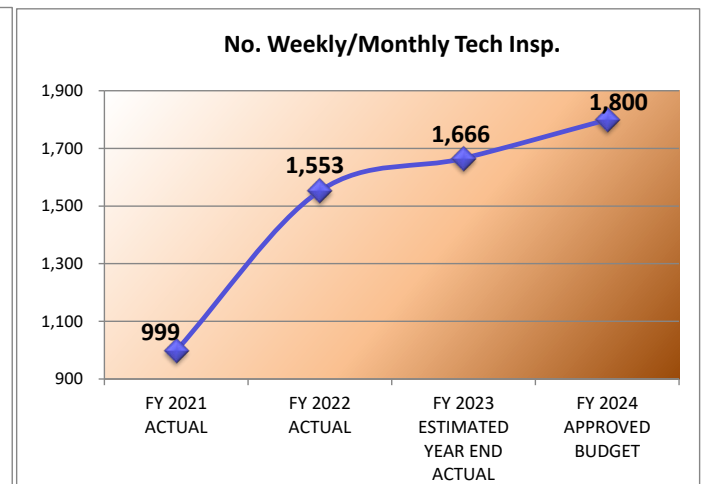
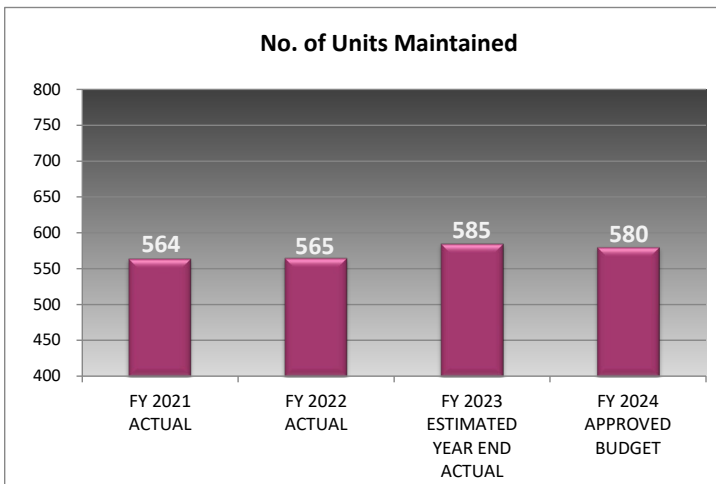
**INPUT MEASURES**

No. of Employees  
 No. of Scheduled Preventive Maintenance  
 No. State/DOT Inspections  
 No. Safety Inspections/Month  
 Technicians to Equipment Ratio

**OUTPUT MEASURES**

No. of Units Maintained  
 No. Weekly/Monthly Tech Insp.  
 No. W.O. Generated

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
10	10	10	10
345	256	282	300
362	294	342	350
1,800	1,553	1,663	1,800
1:56	1:56	1:58	
564	565	585	580
999	1,553	1,666	1,800
2,110	2,100	2,003	2,000



## DEPARTMENT 7150 – FLEET MANAGEMENT

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 49,975	\$ 56,435	\$ 58,967	\$ 58,806	\$ 63,255	\$ 69,123
6105 Administrative Staff	38,163	37,744	39,895	39,786	42,813	46,808
6110 Clerical staff	24,171	24,716	25,236	24,744	29,361	34,561
6115 Operational staff	242,735	247,171	258,535	250,765	274,062	277,489
6130 Overtime	8,790	20,650	28,689	20,053	44,442	30,060
6201 T.M.R.S.	88,794	84,587	88,969	65,842	99,091	78,962
6205 F.I.C.A.	24,577	22,513	23,823	23,194	26,426	26,535
6210 Medicare	5,748	5,265	5,571	5,424	6,180	6,206
6214 Dental Insurance	3,740	4,519	4,578	5,074	4,247	4,187
6215 Hospitalization insurance	66,054	88,382	94,860	106,028	98,610	109,707
6220 Life Insurance	305	332	330	443	357	497
6221 Long Term Disability Insurance	629	683	684	748	749	856
6225 Workers Compensation	10,155	9,584	10,144	9,353	11,246	10,700
6230 Vacation leave	15,853	11,984	6,538	4,777	(962)	5,465
6235 Sick leave	(9,414)	5,014	1,335	5,256	7,336	6,013
6260 Vacancy Savings	-	-	-	(33,669)	-	(21,399)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>570,274</b>	<b>619,580</b>	<b>648,156</b>	<b>586,624</b>	<b>707,213</b>	<b>685,769</b>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	-	150	-	-	-	-
7110 Dues & memberships	87	202	-	2,000	2,073	6,000
7120 Office supplies	2,502	2,823	4,126	2,000	2,828	1,500
7130 Postage/shipping charges	2,874	7,039	15,283	2,300	19,010	13,500
7135 Telephone expenses	-	-	-	-	-	-
7140 Training expenses	360	1,845	3,464	6,000	4,646	3,000
7145 Travel expenses	(27)	-	-	2,000	6,478	1,000
7150 Recruitment Expenses	-	-	-	-	-	-
7180 Utilities - departmental	-	4,872	3,695	5,000	2,037	4,500
7199 Miscellaneous office expenses	-	-	-	-	-	-
7215 Laundry & janitorial supplies	342	905	872	700	855	600
7225 Safety supplies	2,072	1,739	1,338	2,000	1,853	1,500
7293 Chemicals - other	-	2,013	1,395	2,500	3,013	-
7299 Other materials & supplies	14,766	8,861	16,005	12,500	13,826	11,000
7304 Hurricane Preparedness Expenses	39,585	22,700	22,823	35,000	22,383	31,000
7305 ERCOT expenses	-	-	-	-	-	-
7310 Federal, state, & local fees	6,550	5,148	4,664	6,500	5,552	5,500
7315 Food, meals, ice, water	432	268	352	-	278	400
7325 Rental of equip/storage/land	-	-	-	-	-	-
7335 Wearing apparel & dry goods	1,583	823	577	1,500	1,118	1,000
7405 Auto body repairs	12,646	13,071	16,730	15,000	43,800	15,000
7410 Batteries	-	-	-	-	-	-
7415 Fuels & lubricants	18,321	29,212	39,930	25,000	36,477	54,474
7420 Parts	447,961	529,768	547,046	375,000	669,186	425,000
7425 Road service	77,508	78,621	57,440	40,000	34,817	36,316
7430 Tires	45,630	84,130	120,564	90,000	128,907	81,711
7635 Software maintenance service fees	12,200	29,555	28,348	50,000	29,132	105,000
7645 Maintenance services	369,852	354,805	350,475	325,000	430,730	295,000
7699 Other services	17,971	26,070	54,265	50,000	133,374	116,000
7805 Computer equipment	80	9,623	3,218	7,000	9,015	6,000
7820 Office furniture & equipment	5,808	40	-	-	-	-
7835 Tools, shop and garage equipment	16,374	4,554	8,167	5,000	6,786	4,000
7899 Other minor tools & equipment	3,447	1,875	4,747	4,000	7,087	3,600
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>1,098,923</b>	<b>1,220,711</b>	<b>1,305,521</b>	<b>1,066,000</b>	<b>1,615,260</b>	<b>1,222,601</b>
	<b>1,669,197</b>	<b>1,840,291</b>	<b>1,953,677</b>	<b>1,652,624</b>	<b>2,322,473</b>	<b>1,908,370</b>



Department Responsibility: Sergio Delgadillo

Title: Compensation & Benefits Manager

Telephone Ext: 6190

Dept. No. 7155

**PERFORMANCE MEASURES  
FOR THE  
COMPENSATION & BENEFITS DEPARTMENT**

**Department Function:**

The Compensation & Benefits Department (C&B) is responsible for defining and implementing BPUB's compensation strategy, policy, and plan, setting compensation structures, and establishing competitive pay practices. The department also administers a strategically-aligned benefits programs

**Department Goals/Objectives:**

To support BPUB's recruitment and retention goals by ensuring BPUB employees receive competitive and equitable rewards for performing their jobs. To administer BPUB's core compensation plan, adjustments to core compensation, and legally required and discretionary benefits. To manage the employee relationship cycle from onboarding to offboarding.

**INPUT MEASURES**

Employees (FTEs)

Total O&M Expenses

**OUTPUT MEASURES**

Average Hourly Rate in Workforce

Number of Onboarded Employees

Number of Separations (FTE)

**OUTCOME MEASURES**

Wellness Program (Monthly)

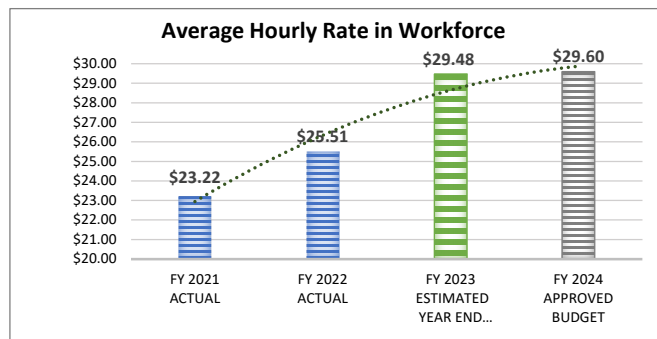
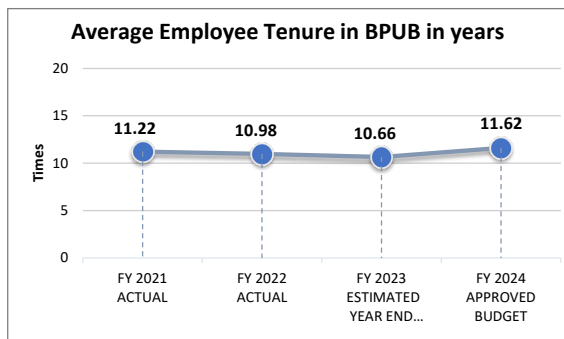
Average Employee Tenure in BPUB in years

Internal Market Review Conducted As Percent of Workforce

**EFFICIENCY MEASURES**

Number of C&B Staff to FTEs

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
5	4	6	6
\$395,520	\$511,841	\$617,860.99	\$711,511.00
\$23.22	\$25.51	\$29.48	\$29.60
61	80	89	81
59	76	65	70
6	2	10	10
11.22	10.98	10.66	11.62
0.0%	0%	100.0%	5.00%
1/124	1/156	1/104	1/107



## DEPARTMENT 7155 – COMPENSATION & BENEFITS

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 69,826	\$ 69,635	\$ 73,979	\$ 88,005	\$ 92,564	\$ 97,698
6105 Administrative Staff	167,032	146,138	187,383	195,166	150,726	211,286
6110 Clerical staff	-	-	4,414	-	96,564	97,822
6130 Overtime	-	-	531	5,000	5,979	6,208
6201 T.M.R.S.	43,151	42,961	49,248	49,838	60,907	75,056
6205 F.I.C.A.	14,470	14,025	16,533	17,557	20,533	25,222
6210 Medicare	3,384	3,280	3,867	4,106	4,802	5,899
6214 Dental Insurance	2,383	2,405	2,507	2,865	2,957	3,268
6215 Hospitalization insurance	44,773	45,220	46,530	50,624	59,371	71,080
6220 Life Insurance	209	189	207	318	291	459
6221 Long Term Disability Insurance	455	412	462	566	641	814
6225 Workers Compensation	6,180	6,180	7,046	7,079	8,652	10,170
6230 Vacation leave	15,994	(1,205)	13,405	3,616	(4,843)	5,195
6235 Sick leave	3,720	(5,539)	11,429	3,979	(3,611)	5,716
6240 Educational assistance	(2,527)	(350)	-	-	-	-
6250 Miscellaneous personnel benefits	10,632	11,198	10,698	37,300	22,177	44,060
6260 Vacancy Savings	-	-	-	(25,485)	-	(20,340)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>379,683</b>	<b>334,550</b>	<b>428,237</b>	<b>440,533</b>	<b>517,709</b>	<b>639,611</b>
<i>O&amp;M NON-PERSONNEL</i>						
7105 Books & periodicals	296	423	150	-	-	-
7110 Dues & memberships	992	1,459	980	2,620	1,150	2,000
7115 Educational material	1,485	70	-	-	-	-
7120 Office supplies	1,092	1,071	4,592	2,500	4,366	3,600
7130 Postage/shipping charges	-	21	-	-	-	-
7140 Training expenses	140	608	175	-	-	-
7145 Travel expenses	1,374	-	-	-	-	-
7147 Mileage Reimbursement (InTownExp)	5	-	-	250	-	-
7299 Other materials & supplies	480	280	-	-	-	-
7315 Food, meals, ice, water	193	-	-	-	1,389	1,500
7325 Rental of equip/storage/land	378	77	244	528	110	300
7601 Legal Fees	-	-	-	-	-	-
7635 Software maintenance service fees	13,500	28,878	28,878	20,000	25,861	30,000
7699 Other services	44,524	28,084	46,650	49,000	97,011	30,000
7805 Computer equipment	-	-	-	3,600	282	4,000
7806 Software licenses-new	-	-	1,934	1,920	373	500
7820 Office furniture & equipment	270	-	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>64,728</b>	<b>60,970</b>	<b>83,604</b>	<b>80,418</b>	<b>130,541</b>	<b>71,900</b>
	<b>444,411</b>	<b>395,520</b>	<b>511,841</b>	<b>520,951</b>	<b>648,250</b>	<b>711,511</b>



Department Responsibility: Jeffry Stedje

Title: Facilities Manager

Telephone Ext: 6170

Dept. No: 7160

**PERFORMANCE MEASURES  
FOR THE  
FACILITY MAINTENANCE DEPARTMENT**

**Department Function:**

This department is responsible for the facility maintenance, which includes electrical, HVAC, janitorial and plumbing work. The department is responsible for groundskeeping Brownsville PUB sites throughout the city.

**Department Goals/Objectives:**

To provide superior professional service to internal and external customers by responding in a timely manner to maintenance concerns.

**INPUT MEASURES**

FTE  
O&M Personnel Expenses  
O&M Non-Personnel Expenses  
Total O&M Expenses

**OUTPUT MEASURES**

No. of custodial work requests  
Admin. Bldg. daily water consumption/gals  
A/C repair cost in dollars  
Preventative service agreement cost in dollars

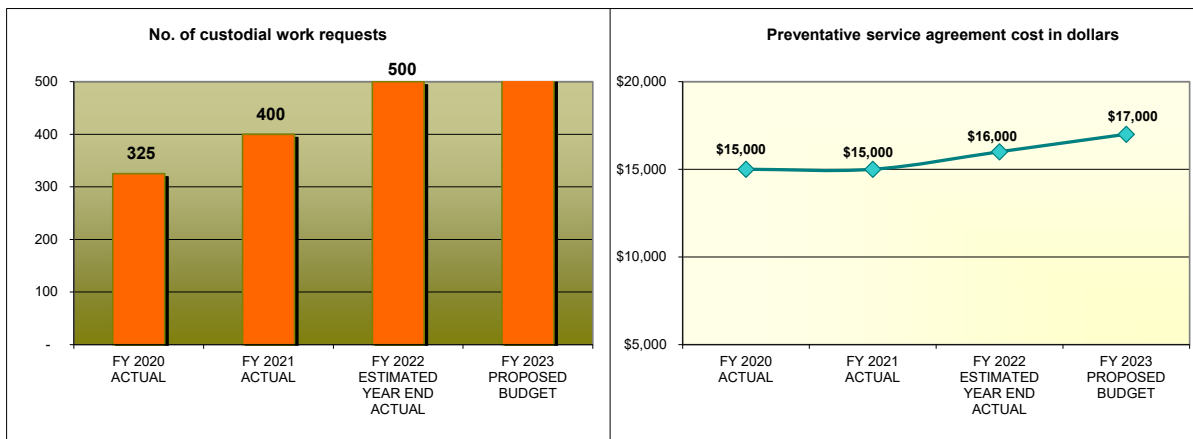
**OUTCOME MEASURES**

Maintain/ improve customer service  
Improve water conservation  
Limit repair cost

**EFFICIENCY MEASURES**

Square Feet of Facility Maintenance  
Per unit cost of A/C prevent maintenance per sq.ft.

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 ESTIMATED YEAR END ACTUAL	FY 2023 PROPOSED BUDGET
4	4	4	4
\$ 429,725	\$ 385,294	\$ 278,248	\$ 404,318
\$ 1,114,531	\$ 1,324,936	\$ 1,594,662	\$ 2,120,805
\$ 1,544,256	\$ 1,710,230	\$ 1,872,910	\$ 2,525,123
325	400	500	600
500	500	1,700	1,700
\$ 16,000	\$ 16,000	\$ 18,000	\$ 23,000
\$ 15,000	\$ 15,000	\$ 16,000	\$ 17,000
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
33,000	33,000	33,000	33,000
\$ 0.939	\$ 0.939	\$ 1.030	\$ 1.210



# **DEPARTMENT 7160 – FACILITY MAINTENANCE**

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 120,888	\$ 116,235	\$ 115,806	\$ 149,989	\$ 156,709	\$ 163,488
6115 Operational staff	145,742	128,594	80,451	82,680	89,542	99,195
6130 Overtime	1,321	4,426	3,406	4,462	3,409	7,305
6201 T.M.R.S.	47,399	44,226	35,114	40,950	43,990	48,465
6205 F.I.C.A.	16,009	14,308	11,635	14,425	14,719	16,286
6210 Medicare	3,744	3,346	2,721	3,374	3,442	3,809
6214 Dental Insurance	4,078	3,845	2,655	2,946	2,722	2,651
6215 Hospitalization insurance	66,885	72,269	50,857	55,831	56,581	61,808
6220 Life Insurance	255	234	173	276	219	306
6221 Long Term Disability Insurance	493	459	354	465	460	525
6225 Workers Compensation	6,785	6,240	5,006	5,817	6,241	6,567
6230 Vacation leave	9,442	(2,400)	956	2,971	2,757	3,354
6235 Sick leave	6,684	(6,489)	3,130	3,269	6,795	3,691
6260 Vacancy Savings	-	-	-	(20,940)	-	(13,134)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>429,725</b>	<b>385,294</b>	<b>312,264</b>	<b>346,514</b>	<b>387,586</b>	<b>404,318</b>
<i>O&amp;M NON-PERSONNEL</i>						
7110 Dues & memberships	-	-	-	-	139	150
7120 Office supplies	61	-	-	200	76	500
7130 Postage/shipping charges	27	-	-	-	-	-
7135 Telephone expenses	172,955	149,691	129,341	125,000	59,869	-
7140 Training expenses	-	-	139	500	-	1,000
7145 Travel expenses	-	-	-	2,000	-	1,000
7147 Mileage Reimbursement (InTownExp)	1,748	112	-	200	-	150
7155 Initial Certificatn/Licensing Reimb	-	-	198	600	-	1,000
7180 Utilities - departmental	168,100	92,384	365,928	345,000	482,412	317,765
7210 Landscaping/Trade a Tree Program	-	-	-	3,500	3,495	2,000
7215 Laundry & janitorial supplies	-	-	17	-	-	-
7225 Safety supplies	-	2,047	-	2,000	402	1,000
7299 Other materials & supplies	56,774	55,271	30,714	55,000	44,034	45,000
7310 Federal, state, & local fees	-	-	-	-	-	-
7315 Food, meals, ice, water	108	-	60	-	60	100
7335 Wearing apparel & dry goods	939	1,761	1,452	2,000	1,359	1,000
7415 Fuels & lubricants	171	324	644	1,000	375	500
7501 Maint. of buildings & structures	-	13,500	-	10,000	-	9,000
7599 Maintenance / other	-	8,475	-	10,000	-	9,000
7630 Construction contractor services	-	-	-	-	-	-
7645 Maintenance services	72,986	84,081	117,958	140,000	154,335	200,000
7650 Security services	2,461	5,170	1,488	3,000	40	4,000
7660 Ground Keeping Maintenance	396,784	499,972	618,372	550,000	874,920	976,440
7663 Janitorial Services	-	-	-	-	-	550,000
7699 Other services	231,918	409,118	521,530	550,000	504,266	-
7820 Office furniture & equipment	259	-	-	-	-	-
7835 Tools, shop and garage equipment	-	-	20	500	-	-
7899 Other minor tools & equipment	9,239	3,031	1,172	2,500	3,518	1,200
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>1,114,531</b>	<b>1,324,936</b>	<b>1,789,032</b>	<b>1,803,000</b>	<b>2,129,301</b>	<b>2,120,805</b>
	<b>1,544,256</b>	<b>1,710,230</b>	<b>2,101,296</b>	<b>2,149,514</b>	<b>2,516,887</b>	<b>2,525,123</b>





Department Responsibility: Julio Perez  
 Title: Warehouse Administrator  
 Telephone Ext: 6181  
 Dept. No: 7170

**PERFORMANCE MEASURES  
FOR THE  
WAREHOUSE DEPARTMENT**

**Department Function:**

The Warehouse Department is responsible for providing adequate supply, storage, and issues of warehouse materials and supplies for proper operation of the construction and maintenance crews of Brownsville PUB. The Warehouse Department provides materials and supplies for field crews during working hours and also provides after-hours emergency issues.

**Department Goals/Objectives:**

To provide superior customer service to internal and external customers by responding immediately to problems.

**INPUT MEASURES**

Full-Time Employees  
 O&M Personnel Expenses  
 O&M Non-Personnel Expenses  
 Total O&M Expenses

**OUTPUT MEASURES**

Fiscal Year End Inventory Value  
 Stores Requisitions

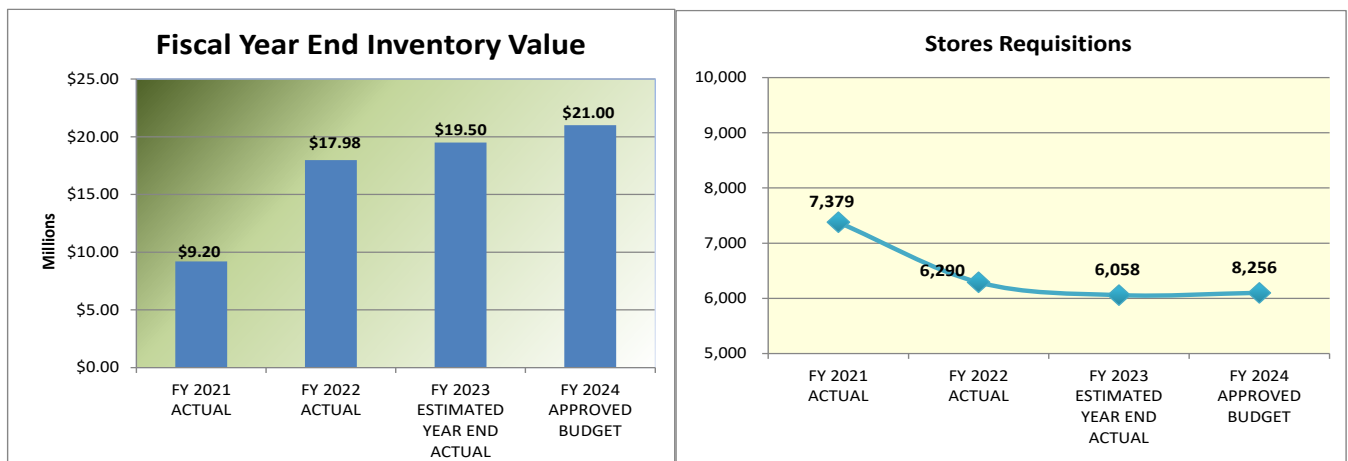
**OUTCOME MEASURES**

Inventory Accuracy  
 Stores Issues/Returns  
 No. of Year-End Commodity Adjustments

**EFFICIENCY MEASURES**

Stores Issues per Employee  
 Value of Year End Inventory Adjustments  
 Average Cost of Monthly Inventory

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 APPROVED BUDGET
5	5	5	6
\$ 299,191	\$ 313,359	\$ 313,680	\$ 381,139
\$ 82,866	\$ 146,459	\$ 87,638	\$ 65,016
\$ 382,057	\$ 459,818	\$ 401,318	\$ 446,155
\$ 9,200,000	\$ 17,980,717	\$ 19,500,000	\$ 21,000,000
7,379	6,290	6,058	6,100
98%	98%	98%	98%
7,443	6,580	6,312	6,300
146	266	150	150
1,861	1,573	1,578	1,525
\$ 7,475	\$ 37,260	\$ 35,000	\$ 35,000
\$ 746,131	\$ 1,498,393	\$ 1,625,000	\$ 1,750,000



## DEPARTMENT 7170 – WAREHOUSE

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ 50,459	\$ 50,321	\$ 54,765	\$ 52,645	\$ 66,389	\$ 73,611
6110 Clerical staff	-	-	-	-	-	-
6115 Operational staff	132,325	125,613	130,531	125,486	147,740	166,712
6130 Overtime	1,395	8,345	11,253	9,050	13,507	11,511
6201 T.M.R.S.	32,175	32,706	34,502	31,351	40,194	44,340
6205 F.I.C.A.	10,217	10,172	11,106	11,044	13,184	14,900
6210 Medicare	2,389	2,379	2,597	2,583	3,083	3,485
6214 Dental Insurance	3,073	3,060	2,976	3,272	2,986	3,126
6215 Hospitalization insurance	56,815	62,678	61,023	66,721	56,228	62,253
6220 Life Insurance	168	166	167	221	186	284
6221 Long Term Disability Insurance	320	317	325	356	380	481
6225 Workers Compensation	4,604	4,607	4,933	4,453	5,702	6,008
6230 Vacation leave	4,285	(1,466)	447	2,275	1,721	3,069
6235 Sick leave	(14,293)	293	(1,266)	2,503	3,030	3,377
6240 Educational assistance	-	-	-	-	-	-
6260 Vacancy Savings	-	-	-	(16,032)	-	(12,016)
<i>O&amp;M PERSONNEL TOTAL</i>	<b>283,931</b>	<b>299,191</b>	<b>313,359</b>	<b>295,928</b>	<b>354,330</b>	<b>381,139</b>
<i>O&amp;M NON-PERSONNEL</i>						
7115 Educational material	-	-	-	-	-	-
7120 Office supplies	1,527	242	63	-	135	-
7130 Postage/shipping charges	752	237	243	450	338	300
7140 Training expenses	-	-	324	-	-	-
7145 Travel expenses	-	-	-	-	-	-
7180 Utilities - departmental	-	47,718	106,276	96,500	69,715	36,316
7215 Laundry & janitorial supplies	44	54	13	100	53	50
7225 Safety supplies	1,168	1,089	721	750	307	500
7299 Other materials & supplies	8,042	11,687	5,145	6,000	5,394	5,000
7315 Food, meals, ice, water	1,223	239	495	350	486	700
7325 Rental of equip/storage/land	9,915	-	274	-	-	-
7335 Wearing apparel & dry goods	1,660	1,154	6,055	2,510	895	2,000
7415 Fuels & lubricants	1,936	2,538	4,402	4,595	5,319	4,600
7501 Maint. of buildings & structures	7,821	-	-	-	-	-
7520 Maint. of minor equipment	-	614	-	750	9,938	650
7645 Maintenance services	2,225	398	350	2,000	250	1,500
7699 Other services	29,202	11,975	10,078	11,000	17,559	9,900
7805 Computer equipment	-	4,814	-	-	-	-
7820 Office furniture & equipment	-	107	16	-	-	-
7899 Other minor tools & equipment	2,598	-	12,003	2,000	2,201	3,500
<i>O&amp;M NON-PERSONNEL TOTAL</i>	<b>68,114</b>	<b>82,866</b>	<b>146,459</b>	<b>127,005</b>	<b>112,588</b>	<b>65,016</b>
	<b>352,045</b>	<b>382,057</b>	<b>459,818</b>	<b>422,933</b>	<b>466,918</b>	<b>446,155</b>



Department Responsibility: Jeffrey Stedje

Title: Facilities Manager

Telephone Ext: 6170

Dept. No: 7175

**PERFORMANCE MEASURES  
FOR THE  
FACILITY MAINTENANCE-FM511 SERVICE YARD DEPARTMENT**

**Department Function:**

This department is responsible for the facility maintenance, which includes electrical, HVAC, janitorial and plumbing work. The department is also responsible for groundskeeping at the 511 service yard.

**Department Goals/Objectives:**

To provide superior professional service to internal and external customers by responding in a timely manner to maintenance concerns.

**INPUT MEASURES**

FTE

O&M Personnel Expenses

O&M Non-Personnel Expenses

Total O&M Expenses

**OUTPUT MEASURES**

No. of custodial work requests

511 Service Yard daily water consumption/gals

A/C repair cost in dollars

Preventative service agreement cost in dollars

**OUTCOME MEASURES**

Maintain/ improve customer service

Improve water conservation

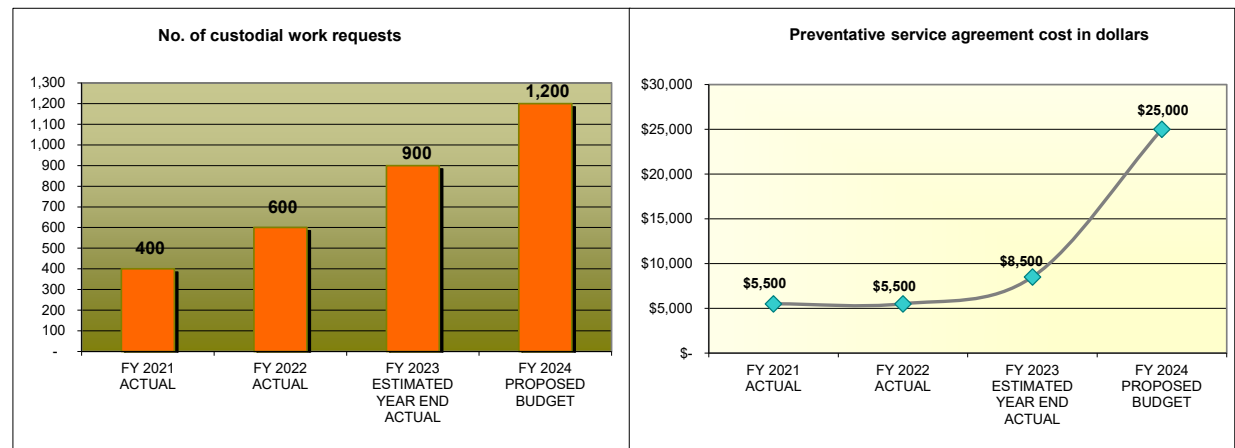
Limit repair cost

**EFFICIENCY MEASURES**

Square Feet of Facility Maintenance

Per unit cost of A/C prevent maintenance per sq.ft.

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 PROPOSED BUDGET
4	4	4	4
\$ 80,793	\$ 230,671	\$ 229,616	\$ 267,430
\$ 104,909	\$ 81,643	\$ 171,779	\$ 183,600
\$ 185,702	\$ 312,314	\$ 401,395	\$ 451,030
400	600	900	1,200
1,200	7,566	11,500	8,600
N/A	\$ 5,000	\$ 5,000	\$ 30,000
\$ 5,500	\$ 5,500	\$ 8,500	\$ 25,000
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
60000	60000	60,000	60,000
			0.91



## DEPARTMENT 7175 – FACILITY MAINTENANCE-FM 511 SERVICE YARD

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ -	\$ 13,379	\$ 49,494	\$ 49,358	\$ 54,279	\$ 60,902
6115 Operational staff	-	23,556	87,841	82,098	94,943	103,522
6130 Overtime	-	839	6,262	10,565	4,548	7,334
6201 T.M.R.S.	-	6,739	25,191	23,136	27,095	30,336
6205 F.I.C.A.	-	2,162	8,276	8,150	8,864	10,194
6210 Medicare	-	506	1,935	1,906	2,073	2,384
6214 Dental Insurance	-	590	2,042	2,587	2,211	2,216
6215 Hospitalization insurance	-	12,582	44,922	57,279	45,977	49,714
6220 Life Insurance	-	37	129	166	142	199
6221 Long Term Disability Insurance	-	69	247	263	278	329
6225 Workers Compensation	-	944	3,590	3,286	3,844	4,111
6230 Vacation leave	-	11,047	528	1,679	2,243	2,100
6235 Sick leave	-	8,343	213	1,847	2,506	2,310
6260 Vacancy Savings	-	-	-	(11,831)	-	(8,221)
<i>O&amp;M PERSONNEL TOTAL</i>	-	80,793	230,671	230,490	249,003	267,430
<i>O&amp;M NON-PERSONNEL</i>						
7120 Office supplies	319	134	133	400	400	500
7130 Postage/shipping charges	-	-	-	100	-	50
7135 Telephone expenses	2,797	3,448	3,725	4,000	-	-
7140 Training expenses	-	-	-	250	-	500
7147 Mileage Reimbursement (InTownExp)	201	71	-	500	-	100
7155 Initial Certificatn/Licensing Reimb	-	-	-	1,200	-	500
7180 Utilities - departmental	-	45,275	-	-	-	-
7210 Landscaping/Trade a Tree Program	-	-	-	-	-	-
7299 Other materials & supplies	19,027	18,259	19,416	20,000	25,053	27,000
7310 Federal, state, & local fees	-	-	-	100	-	50
7315 Food, meals, ice, water	-	-	60	-	60	100
7335 Wearing apparel & dry goods	-	-	-	500	-	1,000
7415 Fuels & lubricants	-	-	-	600	-	500
7501 Maint. of buildings & structures	50	-	-	3,000	-	1,300
7615 External auditor fees	-	-	-	-	-	-
7645 Maintenance services	100	7,867	25,980	17,000	13,933	15,000
7650 Security services	649	549	748	1,500	-	1,000
7655 Microfiltration Sludge Disposal	-	-	-	-	-	10,000
7660 Ground Keeping Maintenance	-	-	-	-	-	-
7699 Other services	2,872	28,594	31,226	20,000	109,562	125,000
7820 Office furniture & equipment	786	-	-	-	-	-
7899 Other minor tools & equipment	481	713	356	750	619	1,000
<i>O&amp;M NON-PERSONNEL TOTAL</i>	27,282	104,909	81,643	69,900	149,627	183,600
	27,282	185,702	312,314	300,390	398,630	451,030



Department Responsibility: **Jeffry Stedje**

Title: **Facilities Manager**

Telephone Ext: **6170**

Dept. No: **7180**

**PERFORMANCE MEASURES  
FOR THE  
FACILITY MAINTENANCE-ANNEX DEPARTMENT**

**Department Function:**

This department is responsible for the facility maintenance, which includes electrical, HVAC, janitorial and plumbing work. The department is responsible for groundskeeping at the Annex Building.

**Department Goals/Objectives:**

To provide superior professional service to internal and external customers by responding in a timely manner to maintenance concerns.

**INPUT MEASURES**

FTE

O&M Personnel Expenses

O&M Non-Personnel Expenses

Total O&M Expenses

**OUTPUT MEASURES**

No. of custodial work requests

Annex Bldg. daily water consumption/gals

A/C repair cost in dollars

Preventative service agreement cost in dollars

Sub-Contractor cleaning company

**OUTCOME MEASURES**

Maintain/ improve customer service

Improve water conservation

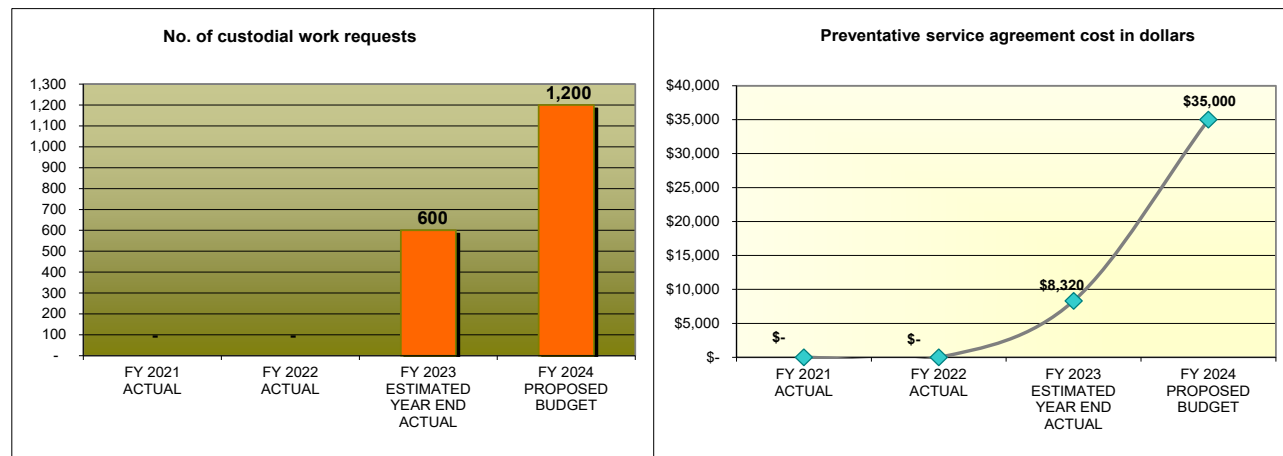
Limit repair cost

**EFFICIENCY MEASURES**

Square Feet of Facility Maintenance

Per unit cost of A/C prevent maintenance per sq.ft.

FY 2021 ACTUAL	FY 2022 ACTUAL	FY 2023 ESTIMATED YEAR END ACTUAL	FY 2024 PROPOSED BUDGET
N/A	1	1	1
\$ 35,929	\$ 80,970	\$ 73,451	\$ 92,846
\$ 35,303	\$ 102,387	\$ 87,696	\$ 125,275
\$ 71,232	\$ 183,357	\$ 161,147	\$ 218,121
N/A	N/A	600	1,200
N/A	N/A	3,200	2,800
N/A	N/A	N/A	\$ 1,000
N/A	N/A	\$ 8,320	\$ 35,000
N/A	N/A	\$ 137,361.55	\$ 137,361.55
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
78130	78130	78,130	78,130
	-	0	0.46



**DEPARTMENT 7180 – FACILITY MAINTENANCE-ANNEX**

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	\$ -	\$ 15,469	\$ 50,412	\$ 50,274	\$ 54,568	\$ 60,278
6201 T.M.R.S.	-	2,760	8,843	8,848	9,615	11,121
6205 F.I.C.A.	-	870	2,842	3,117	3,100	3,737
6210 Medicare	-	203	665	729	725	874
6214 Dental Insurance	-	235	730	810	727	729
6215 Hospitalization insurance	-	4,495	14,398	16,097	14,451	15,808
6220 Life Insurance	-	15	44	59	48	69
6221 Long Term Disability Insurance	-	31	92	101	102	121
6225 Workers Compensation	-	387	1,260	1,257	1,364	1,507
6230 Vacation leave	-	7,781	1,501	642	(4,123)	770
6235 Sick leave	-	3,683	184	706	770	847
6260 Vacancy Savings	-	-	-	(4,525)	-	(3,014)
<i>O&amp;M PERSONNEL TOTAL</i>	-	35,929	80,970	78,114	81,347	92,846
<i>O&amp;M NON-PERSONNEL</i>						
7120 Office supplies	-	-	-	400	981	900
7130 Postage/shipping charges	-	-	-	100	43	50
7135 Telephone expenses	-	-	2,014	2,000	-	-
7140 Training expenses	-	-	-	200	-	500
7147 Mileage Reimbursement (InTownExp)	-	118	276	600	244	400
7155 Initial Certificatn/Licensing Reimb	-	-	-	600	-	500
7180 Utilities - departmental	-	-	-	-	-	-
7210 Landscaping/Trade a Tree Program	-	-	-	-	-	-
7225 Safety supplies	-	-	-	500	-	400
7299 Other materials & supplies	-	2,367	20,120	20,000	21,595	27,000
7310 Federal, state, & local fees	-	-	-	100	-	50
7315 Food, meals, ice, water	-	-	15	-	30	25
7335 Wearing apparel & dry goods	-	-	-	300	-	150
7501 Maint. of buildings & structures	-	-	-	2,000	-	1,800
7599 Maintenance / other	-	-	-	1,000	-	500
7645 Maintenance services	-	-	9,840	20,000	14,088	18,000
7650 Security services	-	50	850	4,000	-	1,000
7655 Hauling Services	-	-	-	1,000	-	-
7660 Ground Keeping Maintenance	-	-	-	-	-	-
7699 Other services	-	26,082	65,069	80,000	50,922	70,000
7899 Other minor tools & equipment	-	6,686	4,203	7,000	14,903	4,000
<i>O&amp;M NON-PERSONNEL TOTAL</i>	-	35,303	102,387	139,800	102,806	125,275
	-	71,232	183,357	217,914	184,153	218,121



Department Responsibility: **Miguel A. Perez**

Title: **Chief Financial Officer**

Telephone Ext: **6187**

Dept. No: **9110**

## DEPARTMENT 9110 - COMPANY - WIDE EXPENSES

### Department Function:

This department meets the expenses of the Brownsville PUB for items shared company-wide. This department includes the expenses for part-time employees, obligations for SRWA, and the budget pool for company-wide contingency, maintenance services, and equipment contingency.

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M PERSONNEL</i>						
6101 Supervision	-	-	-	-	-	-
6110 Clerical staff	-	-	-	-	-	-
6115 Operational staff	-	-	-	-	-	-
6120 Part-time staff	365,789	295,976.16	298,775	256,250	392,913	290,000
6130 Overtime	7,976	14,712.24	14,982	11,650	12,683	8,250
6201 T.M.R.S.	68,205	(2,486,882.58)	(5,521,103)		4,220	
6205 F.I.C.A.	22,676	19,912.29	20,249	15,887	26,280	17,980
6206 Suta	-	2,641.21	2,539		926	
6210 Medicare	5,303	4,675.67	4,737	3,716	6,149	4,205
6214 Dental Insurance	7	186.88	159		269	
6215 Hospitalization insurance	445,086	(52,245.07)	(443,556)	816,230	584,508	727,563
6216 Other Post-Employment Benefits (ins)	1,894,664	1,396,993.00	325,384	-	-	-
6220 Life Insurance	1	28.23	25	-	3	-
6221 Long Term Disability Insurance	1	54.67	50	-	29,433	-
6225 Workers Compensation	10,329	8,994.34	9,429	6,406	11,136	7,250
6240 Educational assistance	-	-	-	5,000	-	5,000
6250 Miscellaneous personnel benefits	-	-	-	2,694,572	-	150,000
6270 Retention Plan Budget	-	-	-	-	-	50,000
6280 Gift Cards	-	14,518.75	-	-	-	
<i>O&amp;M PERSONNEL TOTAL</i>	<b>2,820,035</b>	<b>(780,434)</b>	<b>(5,288,329)</b>	<b>3,809,712</b>	<b>1,068,520</b>	<b>1,260,248</b>

## **DEPARTMENT 9110 – COMPANY-WIDE EXPENSES**

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M NON-PERSONNEL</i>						
7130 Postage/shipping charges	-	-	16	-	-	-
7145 Travel expenses	-	-	-	-	-	-
7199 Miscellaneous office expenses					56,700	
7301 Bad debt expense	365,387	26,291	95,480	120,000	50,373	181,422
7306 SRWA O&M Assessment	3,785,726	3,960,083	4,000,741	5,285,010	5,285,010	5,142,961
7307 SRWA Dbt Svc Assessment	2,113,521	1,434,210	2,115,131	2,116,457	2,116,457	2,114,777
7315 Food, meals, ice, water	7,832	12,711	-	-	3,276	-
7325 Rental of equip/storage/land	-	-	-	-	-	-
7335 Wearing apparel & dry goods	21,027	2,978	9,771	5,000	(9,771)	18,000
7415 Fuels & lubricants	-	-	-	-	0	-
7697 O&M Contingency-Maintenance Pool	-	-	-	400,000	-	500,000
7698 O&M Contingency-Budget Pool	-	-	-	400,000	-	500,000
7699 Other services	1,212	194,817	-	3,000	-	-
7805 Computer equipment	-	-	-	50,000	-	20,000
7899 Other minor tools & equipment	-	8,231	8,231	10,000	-	4,000
<i>O&amp;M NON-PERSONNEL TOTAL</i>	6,294,705	5,639,320	6,229,370	8,389,467	7,502,045	8,481,160
	9,114,740	4,858,886	941,041	12,199,179	8,570,565	9,741,408





Department Responsibility: Miguel A. Perez

Title: Chief Financial Officer

Telephone Ext: 6187

Dept. No: 9150

## DEPARTMENT 9150 - PRIOR FY ENCUMBERED BUDGET

### Department Functions:

This department meets the prior-year expenses of the Brownsville PUB for non-routine services shared company-wide.

ACCOUNT DESCRIPTION	ACTUAL FY 2020	ACTUAL FY 2021	ACTUAL FY 2022	APPROVED BUDGET FY 2023	UNAUDITED ACTUAL FY 2023	APPROVED BUDGET FY 2024
<i>O&amp;M NON-PERSONNEL</i>						
7135 Telephone expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7605 Engineering fees	-	-	-	-	-	-
7630 Construction contractor services	-	-	-	-	-	-
7820 Office furniture & equipment	-	-	-	-	-	-
<i>O&amp;M NON-PERSONNEL TOTAL</i>	-	-	-	-	-	-
	-	-	-	-	-	-

# ***CAPITAL BUDGET***

**FIVE-YEAR CAPITAL IMPROVEMENT PLAN  
SUMMARY BY FUNDING SOURCE**

[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]	[I]
Line Ref.		TOTAL CARRYOVER	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FIVE-YEAR TOTAL
1	Improvement Fund:	12,338,022	15,018,772	15,664,540	9,265,010	6,303,010	6,053,010	64,642,364
2	<sup>1</sup> Improvement Fund Surplus - AMI:	4,268,147	-	10,535,578	10,437,937	-	-	25,241,662
3	<sup>2</sup> Improvement Fund Surplus - Capital Equipment:	2,294,461	2,661,430	1,500,000	1,500,000	1,500,000	1,500,000	10,955,891
4	Improvement Fund-Facilities:	-	-	-	-	-	-	-
5	TOTAL IMPROVEMENT FUND SPENDING PLAN:	18,900,630	17,680,202	27,700,118	21,202,947	7,803,010	7,553,010	100,839,917
6	TOTAL RESACA FEE PLAN:	349,315	1,071,552	90,935	-	-	-	1,511,802
7	TOTAL IMPACT FEES SPENDING PLAN:	2,751,596	1,039,631	2,000,000	2,000,000	-	-	7,791,227
8	Commercial Paper Funding Budget-Internal:	14,332,719	21,534,820	24,403,662	7,573,018	1,837,823	1,050,000	70,732,042
9	Commercial Paper Funding Budget-Facilities:	-	-	-	-	-	-	-
10	<sup>3</sup> TOTAL COMMERCIAL PAPER SPENDING PLAN:	14,332,719	21,534,820	24,403,662	7,573,018	1,837,823	1,050,000	70,732,042
11	<sup>4,5,6</sup> TOTAL GRANTS SPENDING PLAN:	1,825,659	12,231,241	6,882,582	1,485,016	-	-	22,424,498
12	TOTAL PLANNED PROJECTS:	\$ 38,159,919	\$ 53,557,446	\$ 61,077,297	\$ 32,260,981	\$ 9,640,833	\$ 8,603,010	\$ 203,299,486
13	Approved Budget Total for Fiscal Year 2024:	\$ 91,717,365			Approved Budget Total for Fiscal Year 2023: \$ 92,133,995			
					% Change (2023 vs 2024):			-0.45%

<sup>1</sup> Note: The Board approved the use of surplus funding for the AMI Project at the July 2021 meeting.

<sup>2</sup> Note: De-obligated FY 2023 project balances of \$2,062,128 Improvement Fund and \$167,356 Commercial Paper. The Improvement Fund will be used for FY 2024 Capital Equipment.

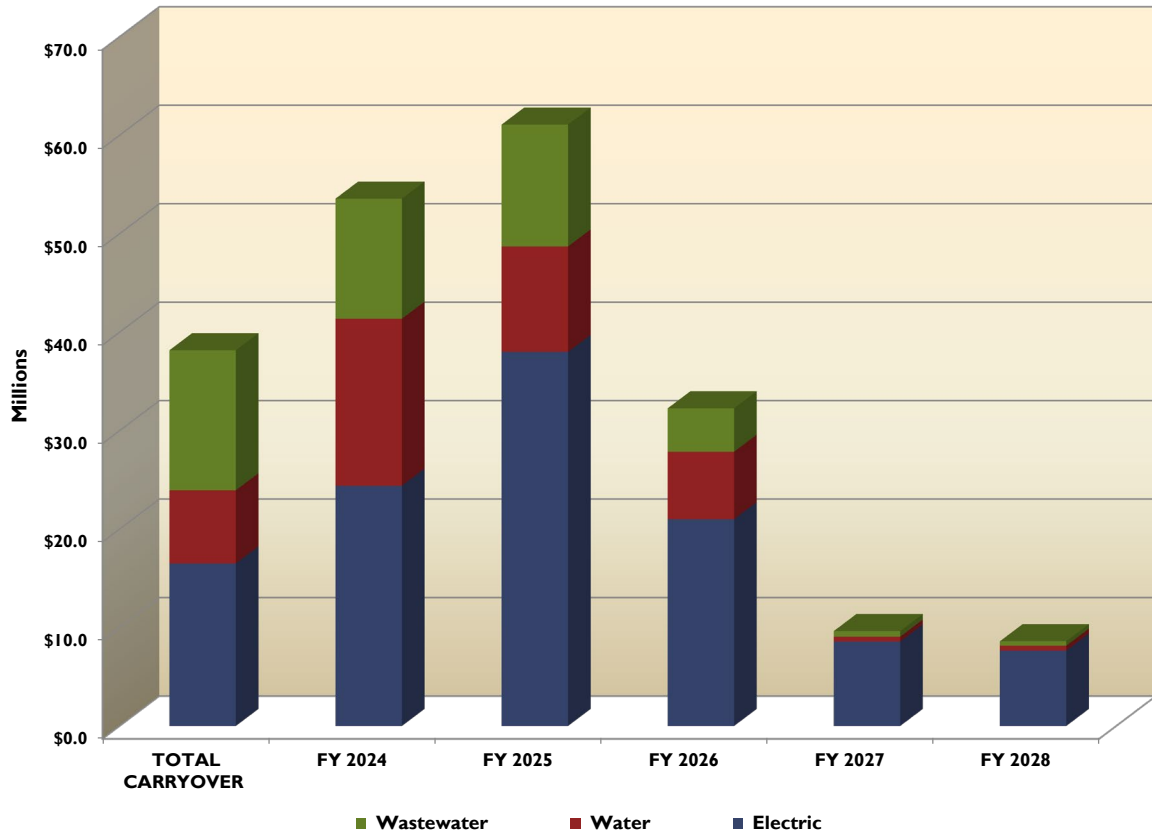
<sup>3</sup> Note: Total includes the carryover budget funded from the Commercial Paper Fund and future debt requirements for Fiscal Year 2024 and beyond.

<sup>4</sup> Note: Amounts indicate the estimated project costs eligible for grants administered by the relevant state and/or federal agencies.

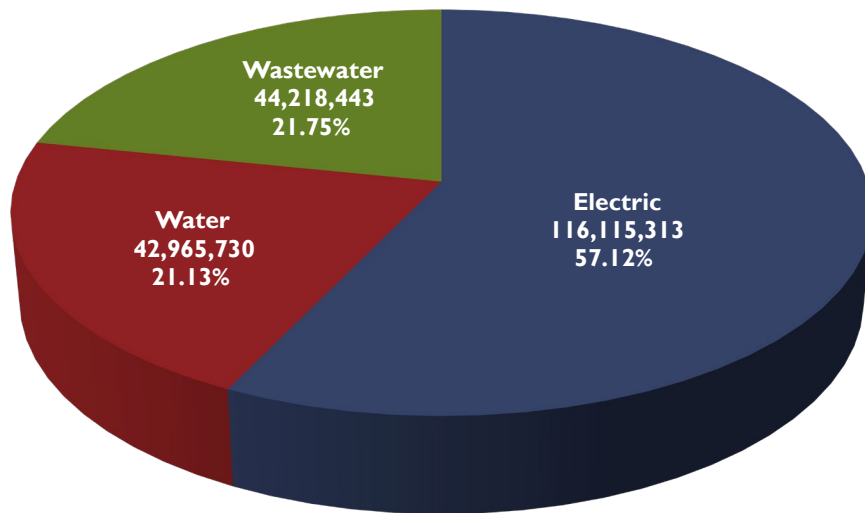
<sup>5</sup> Note: The RESTORE grant is an O&M grant and is not included in the Capital Improvement Plan.

<sup>6</sup> Note: Capital Improvement Plan includes Downtown Water/Wastewater projects to be funded from the American Rescue Plan (ARP) grant.

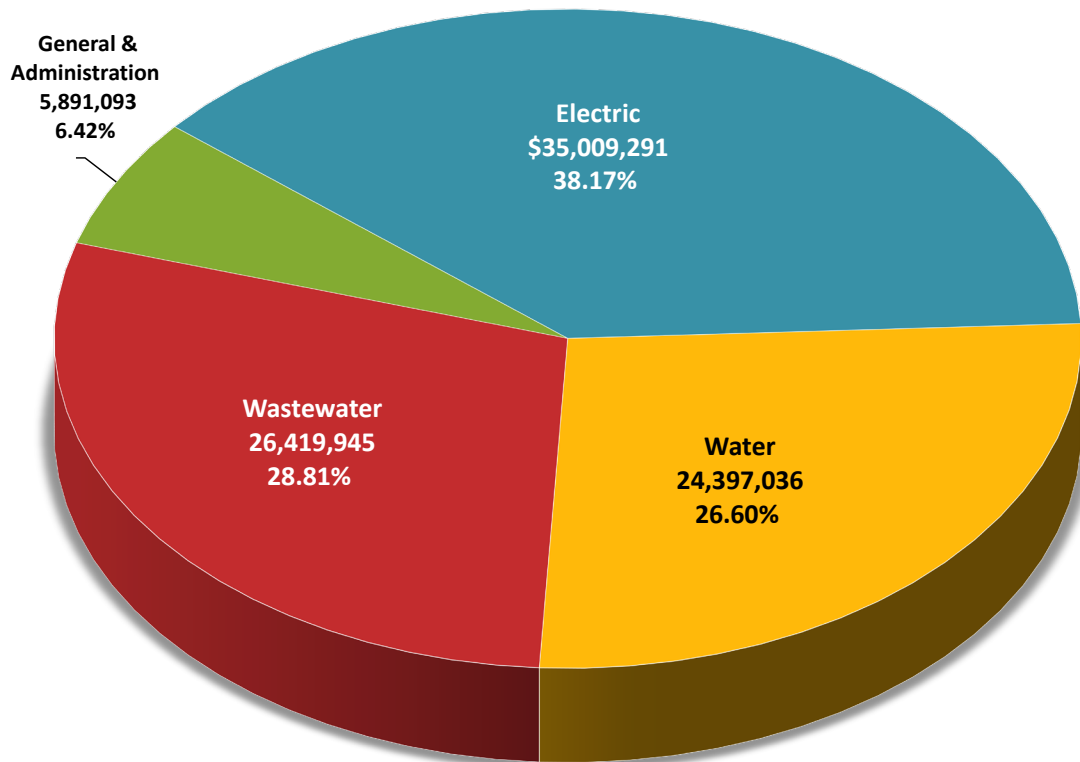
**FIVE-YEAR CAPITAL IMPROVEMENT PLAN  
SUMMARY BY UTILITY CHART  
\$203,299,486**



**TOTAL 5-YEAR CAPITAL IMPROVEMENT PLAN  
SUMMARY BY UTILITY  
\$203,299,486**



**FY 2024 CAPITAL BUDGET SUMMARY**  
**\$91,717,365**



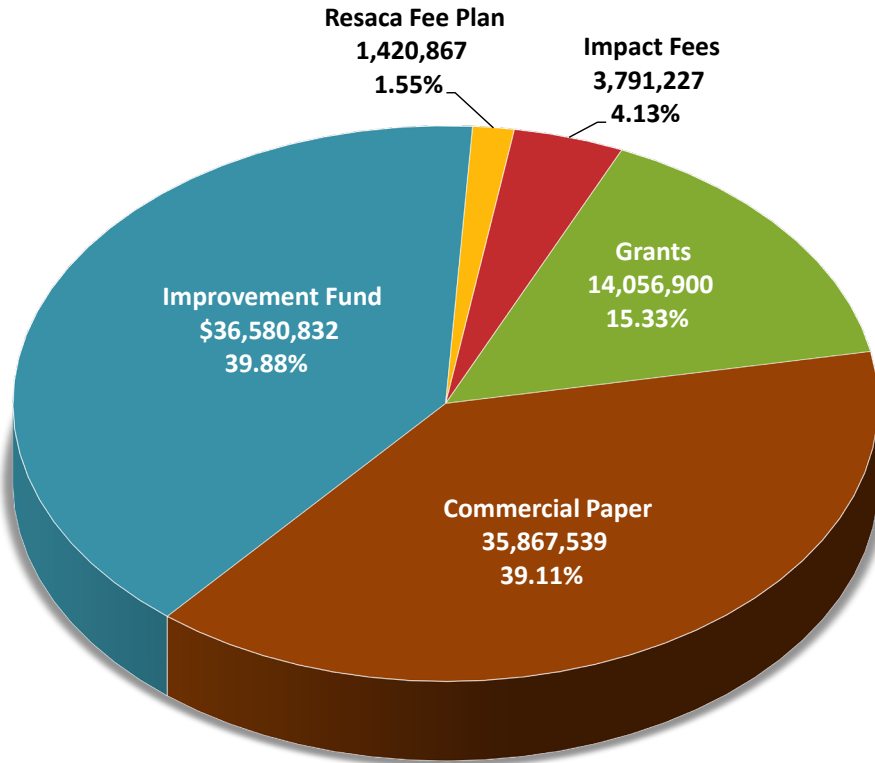

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Electric	\$	35,009,291	38.17%
Water		24,397,036	26.60%
Wastewater		26,419,945	28.81%
General & Administration		5,891,093	6.42%
<b>TOTAL</b>	<b>\$</b>	<b>91,717,365</b>	<b>100.00%</b>

**Note:**

General, Administrative and Customer Service projects are allocated to electric 100%.

**FY 2024 CAPITAL BUDGET BY FUNDING SOURCE**  
**\$97,717,365**



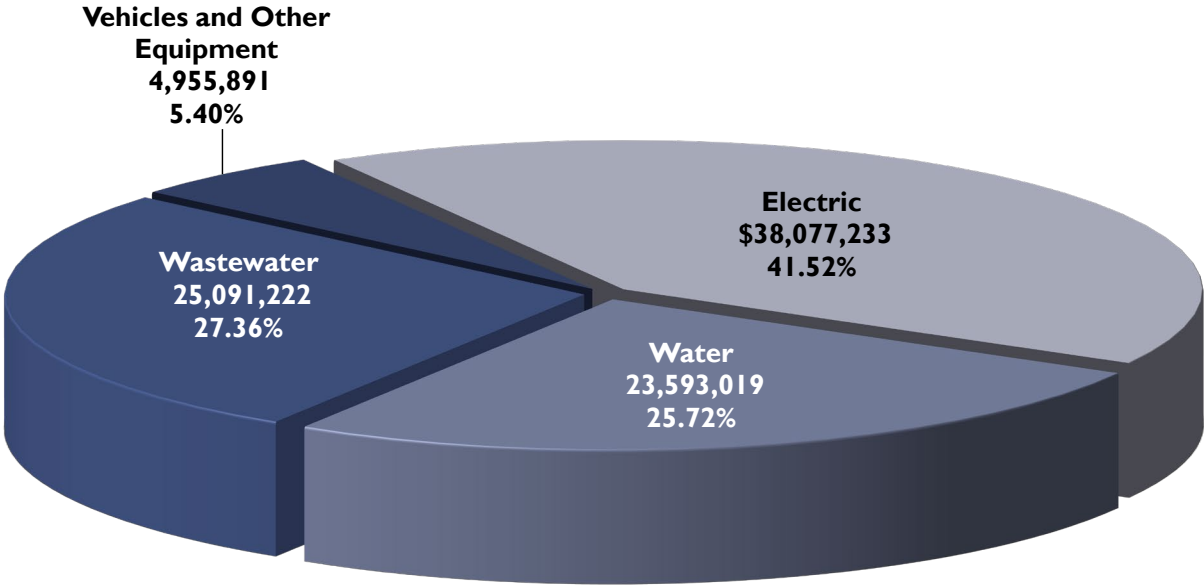

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Improvement Fund	\$	36,580,832	39.89%
Resaca Fee Plan		1,420,867	1.55%
Impact Fees		3,791,227	4.13%
Grants		14,056,900	15.33%
Commercial Paper		35,867,539	39.10%
<b>TOTAL</b>	<b>\$</b>	<b>91,717,365</b>	<b>100.00%</b>

**Note:**

General, Administrative and Customer Service projects are allocated to electric 100%.

**FY 2024 CAPITAL BUDGET BY SYSTEM**  
**\$91,717,365**




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Electric	\$	38,077,233	41.52%
Water		23,593,019	25.72%
Wastewater		25,091,222	27.36%
Vehicles and Other Equipment		4,955,891	5.40%
<b>TOTAL</b>	<b>\$</b>	<b>91,717,365</b>	<b>100.00%</b>

**Note:**  
 General, Administrative and Customer Service projects are allocated to electric 100%.



The process of establishing the Brownsville Public Utilities Board's (BPUB) Capital Budget involves evaluating all submitted projects, assigning them to a particular category, and then ultimately allocating resources toward top-ranked priorities. The current ranking system categorizes all Capital Improvement Projects (CIP) into four (4) categories:

<b>Project Consideration Category Reference</b>	
<b>Category</b>	<b>General Criteria</b>
Must Do	These projects are required for the normal course of business and to provide day-to-day customer service or system operations, correct a health or safety condition, or mandated by local, state, or federal agencies.
Load/Capacity Relief	These projects are identified for improved switching capability, backup reliability for critical systems, or for specific system reinforcements needed for load relief.
Reliability	These projects are solely based on an increased reliability benefit.
General	These projects are considered general spending.

In general, non-recurring capital projects do not significantly affect Brownsville PUB's current and future Operating & Maintenance (O&M) budgets. However, specific projects for new facilities such as the FM 511 Service Yard and the Annex building did require additions to the annual operating budget for new personnel, maintenance, groundskeeping, security, insurance and other expenses. In situations such as these, new departments are created for these facilities to capture these expenses in the O&M budget. For other non-recurring capital projects, adjustments are made within the affected department's O&M budget as needed for changes in expenses such as chemicals, service agreements and other routine expenses.



# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 3

*Electrical SCADA Replacement of System Software and Hardware*

Organization: 1145 Electric Transmission & Distribution  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Commercial Paper  
Project Considered: Reliability  
Originator: Eli Alvarez.  
Utility Function: Electric Transmission

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$81,349	\$ -	\$ -	\$ -	\$ -	\$81,349

*Description: The current SCADA system is in need of an upgrade with regard to software, hardware and other key components. Note: \$81,349 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Upgrades will alleviate current maintenance and reliability costs.  
Operating Costs: O&M expense will continue with software maintenance.

## PROJECT REFERENCE 6

*Airport Substation, Transformer No. 1 Upgrade, 69 KV to 138 KV*

Organization: 2120 Substations & Relaying  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Arnulfo Mejia  
Utility Function: Electric Transmission

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$3,000,000	\$3,800,000	\$ -	\$ -	\$ -	\$6,800,000

*Description: The 69KV substation is more than 40 years old and has noticeable signs of deterioration. Equipment to operate this substation is now obsolete and difficult to find replacement parts. Servicing the switchgear and oil-circuit breaker also poses a safety risk for employees in the event of a breaker failure since switchgear is a walk-in unit. The project includes the installation of one each 138 KV 12.5kV power transformer, three each 145 KV circuit breakers, and one each 145 KV circuit switcher. In addition, the existing site grade needs to be raised to prevent flooding inside the Substation's yard. Note: \$925,749 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: O&M savings will occur due to less frequent maintenance since the equipment will be new.  
Operating Costs: Periodic maintenance of the substation will continue, with access to less costly spare parts.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 7

*Battery Banks Replacement at Midtown, 6<sup>th</sup> Street and South Plant Substations*

Organization: 2120 Substations & Relaying  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Arnulfo Mejia  
Utility Function: Electric Transmission

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

*Description: Some of the individual cells are beginning to deteriorate. In the event of an outage, these cells may discharge faster than anticipated, compromising the entire battery bank's capacity. Some of the battery's posts are loose and can cause heating and failure. In some cells, the voltage gets lower than average, causing the need to set the battery bank at equalize to stabilize the bank's voltage. Replace the battery banks and battery chargers at the Midtown, 6<sup>th</sup> Street and South Plant Substations. Note: \$32,377 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: O&M savings due to fewer hours and materials needed to maintain the equipment.

Operating Costs: O&M expense will continue with periodic testing and maintenance.

## PROJECT REFERENCE 8

*Replace Control Building Roof for Midtown, Military Hwy and Price Rd Substations*

Organization: 2120 Substations & Relaying  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Arnulfo Mejia  
Utility Function: Electric Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$105,000	\$ -	\$ -	\$ -	\$ -	\$105,000

*Description: The original roofs of the control buildings are leaking. The water is starting to corrode the buildings, especially along the wall areas. Due to the condition and age of the roofs, replace the roofs for the control buildings at the Midtown, Military Highway, and Price Road Substations. Note: \$89,140 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: O&M savings will occur due to less frequent maintenance.

Operating Costs: N/A

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 9

*Replace High and Low Side Bushings for Two Power Plant Auto-Transformers*

Organization: 2120 Substations & Relaying  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Arnulfo Mejia  
Utility Function: Electric Transmission

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$270,000	\$ -	\$ -	\$ -	\$ -	\$270,000

*Description: As per the electrical tests performed during 2021, the bushings are deteriorating. The two auto-transformers were purchased during the 1980's. Replace the high and low side bushings for the two auto-transformers in the Power Plant Substation. Note: \$268,205 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: O&M savings due to fewer hours and materials needed to maintain the equipment.

Operating Costs: O&M expense will continue with periodic testing and maintenance.

## PROJECT REFERENCE 10

*Loma Alta Auto Transformer Radiators Replacement*

Organization: 2120 Substations & Relaying  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Arnulfo Mejia  
Utility Function: Electric Transmission

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$50,000	\$15,000	\$ -	\$ -	\$ -	\$65,000

*Description: The radiators within the auto transformer, originally placed in service in 1980, have deteriorated due to natural wear and tear and are currently rusting and leaking oil. Procure and replace ten each radiators for the Loma Alta Substation auto transformer.*

### *Impact of Project:*

Project Cost Savings & Revenues: Savings will result in preventing costs to clean a potential oil spill.

Operating Costs: O&M expense will continue with periodic maintenance.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 11

*acSELerator Team SEL-5045 Software*

Organization: 2120 Substations & Relaying  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Arnulfo Mejia  
Utility Function: Electric Transmission

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$ -	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000

*Description: The software collects data of relay events for analysis after an event/fault occurs. The current version from Schweitzer Engineering Laboratories (SEL) is obsolete. The purchase and implementation of the software's current version to the acSELerator Team SEL-5045 will collect event data, allow for multiple users to analyze the data and automate and archive the data collected.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: O&M expense will increase due to expected annual maintenance and periodic software updates.

## PROJECT REFERENCE 12

*Substations Satellite-Synchronized Clock Upgrade*

Organization: 2120 Substations & Relaying  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Arnulfo Mejia  
Utility Function: Electric Transmission

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$50,000	\$30,000	\$20,000	\$ -	\$ -	\$100,000

*Description: The existing satellite-synchronized clocks at BPUB's substations have exposed time synchronization issues due to power limitations. Engineer, design, purchase and install 14 each substations satellite-synchronized clocks to allow the substation relays to accurately report transmission and distribution operations.*

### *Impact of Project:*

Project Cost Savings & Revenues: O&M savings will occur due to less frequent maintenance.

Operating Costs: O&M expense will continue with periodic testing of equipment.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 13

### *Loma Alta 12.47 kV Switchgear Replacement*

Organization: 2120 Substations & Relaying  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Arnulfo Mejia  
Utility Function: Electric Transmission

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$350,000	\$1,200,000	\$ -	\$ -	\$ -	\$1,550,000

*Description: The Loma Alta Substation is more than 40 years old. The existing 12.47 kV switchgear has reached the end of its useful life. Equipment failures have increased gradually to the point that some load has been transferred to adjacent substations to keep customers energized. The switchgear's failures have caused BPUB to lose redundancy of the electric service to certain Port of Brownsville customers. Engineer, design, purchase, and construct/install the replacement of the 12.47 kV switchgear.*

#### *Impact of Project:*

Project Cost Savings & Revenues: O&M savings will occur due to less frequent maintenance.

Operating Costs: O&M expense will continue with periodic testing of equipment.

## PROJECT REFERENCE 14

### *Replace Legacy Overcurrent and Transformer Differential Protection Relays*

Organization: 2120 Substations & Relaying  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Arnulfo Mejia  
Utility Function: Electric Transmission

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$75,000	\$50,000	\$50,000	\$50,000	\$ -	\$225,000

*Description: Current legacy overcurrent and transformer differential protection relays are no longer supported with software or hardware upgrades. The old electrical mechanical type relays are obsolete and do not have technical support for them. Recent software that has come available is not compatible with relays that are currently in service. The project will replace 24 total legacy overcurrent, transformer differential, and bus differential protection relays with new SEL microprocessor relays\*

#### *Impact of Project:*

Project Cost Savings & Revenues: O&M savings will occur due to less frequent maintenance.

Operating Costs: O&M expense will continue with periodic testing of equipment.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 15

*Engineering, Design and Construction of Nine 138 KV Breakers Replacements: 1 at Military Hwy, 2 at Midtown, 1 at 6th Street, 2 at Filter Plant and 3 at Power Plant*

Organization: 2120 Substations & Relaying  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial Paper  
Project Considered: Reliability  
Originator: Arnulfo Mejia  
Utility Function: Electric Transmission

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$200,000	\$200,000	\$300,000	\$200,000	\$ -	\$900,000

*Description: The breakers have mechanical problems with operating mechanism, which gets “stuck” after a command has been issued. As a result, the breaker does not automatically reclose in the event of a transmission line operation, which can cause prolonged outages or damage to other equipment inside the substation. Engineer, design and construct nine total 138 kV circuit breakers for the Military Highway, Midtown, 6<sup>th</sup> Street, Filter Plant and Power Plant Substations.*

### *Impact of Project:*

Project Cost Savings & Revenues: O&M savings will occur due to less frequent maintenance.  
Operating Costs: O&M expense will continue with periodic testing of equipment.

## PROJECT REFERENCE 18

*Substation and Control Centers Video Camera Upgrade*

Organization: 2210 SCADA & Electrical Support Services  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Elias Quintero Jr.  
Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,000	\$250,000	\$ -	\$ -	\$ -	\$350,000

*Description: Existing Cisco Video Media Software has reached end-of-sale date and is nearing end of life, with no available support and patching. All video cameras are also outdated and are in constant need of repairs. This project will include the purchase, installation and implementation of replacement video media servers, video media software, and video cameras located at all substations, control centers, and the Power Plant. The new system will comply with one of the requirements in the NERC CIP Standard on Physical Perimeter Security and will include integration of all camera feeds to a central location.*

### *Impact of Project:*

Project Cost Savings & Revenues: O&M savings will occur due to less frequent maintenance.  
Operating Costs: O&M expense will continue with periodic maintenance by the Health & Safety Department.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 19

### *OSI SCADA Upgrade*

Organization: 2210 SCADA & Electrical Support Services  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Elias Quintero Jr.  
Utility Function: Electric Distribution

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$800,000	\$237,690	\$ -	\$ -	\$ -	\$1,037,690

*Description: The Electric SCADA OSI System, purchased and installed in 2018, requires a major upgrade that includes both hardware and software improvements. In addition to the base SCADA system software upgrade, improvements will include an upgrade to the existing Historian application software, an upgrade to the OMS module that will remove a cybersecurity vulnerability, the addition of the Compass module that will allow the OMS to be shared with mobile operations, and the AVL module that will facilitate deployment of response units to outages. This upgrade will allow the system to be fitted with the latest compatible OS systems and improved OT network cybersecurity equipment.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: O&M expense will continue with software maintenance.

## PROJECT REFERENCE 20

### *Fiber Improvement Project*

Organization: 2210 SCADA & Electrical Support Services  
Project Related to: Growth  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Elias Quintero Jr.  
Utility Function: Electric Distribution

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$150,000	\$95,920	\$ -	\$ -	\$ -	\$245,920

*Description: The City of Brownsville commenced the BTX Fiber Project, which will provide high-speed, fiber internet service to every home and business within the city. This project involves the installation of 100 miles of middle mile fiber-optic cable and 500 miles of last mile fiber connecting the middle-mile fiber to individual homes and businesses. The Fiber Improvement Project includes the purchase and installation of equipment and materials required to access, splice and terminate all fibers coming into BPUB's facilities.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: O&M expense will include preventative and corrective maintenance of all termination panels and fibers.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 23

### *New Connections*

Organization: 2410 Electric Engineering  
Project Related to: Growth  
Project Occurrence: Recurring  
Category: Routine

Funding Source: Improvement  
Project Considered: General  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$1,300,000	\$1,640,650	\$1,640,650	\$1,640,650	\$1,640,650	\$7,862,600

*Description: This project will meet the growing needs of the BPUB service area. This line item allocates funds BPUB crews use install the infrastructure needed to service new customers. Note: \$667,029 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Revenues will result from new residential, commercial, and industrial customers.

Operating Costs: N/A.

## PROJECT REFERENCE 24

### *New Subdivisions*

Organization: 2410 Electric Engineering  
Project Related to: Growth  
Project Occurrence: Recurring  
Category: Routine

Funding Source: Improvement  
Project Considered: General  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$1,500,000	\$1,645,100	\$1,645,100	\$1,645,100	\$1,645,100	\$8,080,400

*Description: This project will meet the growing needs of the BPUB service area. This line item allocates funds so that BPUB can install the electric infrastructure needed to service new subdivisions. Note: \$1,066,596 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Revenues will result from new customers who average 1,000 kWh per month on their electric usage. Each subdivision averages 50 lots.

Operating Costs: N/A.



# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 25

### *Security Light Installation*

Organization: 2410 Electric Engineering  
Project Related to: Growth  
Project Occurrence: Recurring  
Category: Routine

Funding Source: Improvement  
Project Considered: General  
Originator: El Alvarez, P.E.  
Utility Function: Electric Distribution

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$161,871	\$39,500	\$39,500	\$39,500	\$39,500	\$319,871

*Description: Security lights provide illumination at private residences as well as commercial lots where street lights do not. Note: \$161,871 is the FY 2023 carryover amount.*

#### *Impact of Project:*

Project Cost Savings & Revenues: Security light installations begin to earn revenue on the second year of a four-year contract. In addition, extra KWh provide additional revenues during the contract term.  
Operating Costs: N/A.

## PROJECT REFERENCE 26

### *Infrastructure Improvements*

Organization: 2410 Electric Engineering  
Project Related to: Growth  
Project Occurrence: Recurring  
Category: Routine

Funding Source: Improvement  
Project Considered: General  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$2,833,891	\$2,535,200	\$2,535,200	\$2,535,200	\$2,535,200	\$12,974,691

*Description: This project will allocate the funds necessary to address safety and issues with existing services. This program also allocates funds for infrastructure replacements and upgrades. Note: \$298,691 is the FY 2023 carryover amount.*

#### *Impact of Project:*

Project Cost Savings & Revenues: Service upgrades equal more revenues for BPUB in terms of increased demand charges as well as consumption.  
Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 27

### *Street Light Installations*

Organization: 2410 Electric Engineering  
Project Related to: Growth  
Project Occurrence: Recurring  
Category: Routine

Funding Source: Improvement  
Project Considered: General  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$50,393	\$42,560	\$42,560	\$42,560	\$42,560	\$220,633

*Description: Street lights illuminate entrances, sections of roadways, streets, alleys and intersections throughout the City of Brownsville. Note: \$50,393 is the FY 2023 carryover amount.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A

Operating Costs: Crews will periodically maintain the street lights and associated infrastructure on an ongoing basis.

## PROJECT REFERENCE 28

### *Billy Mitchell Blvd. Street Lights Upgrade*

Organization: 2410 Electric Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: General  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$505,092	\$ -	\$ -	\$ -	\$ -	\$505,092

*Description: Upgrade 54 each existing street light poles and fixtures along Billy Mitchell Boulevard with proposed new metroline poles and luminaires. Also, replace the existing conduit infrastructure to underground. Note: \$505,092 is the FY 2023 carryover amount.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 29

*Extension of Electric Service to the City of Brownsville and Department of Public Safety Joint Tactical Training Center*

Organization: 2410 Electric Engineering  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: General  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$85,954	\$ -	\$ -	\$ -	\$ -	\$85,954

*Description: Install conduit and equipment necessary to service the proposed City of Brownsville and Texas Department of Public Safety Joint Tactical Training Center. Note: \$85,954 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

## PROJECT REFERENCE 30

*The Resaca Gardens Subdivision Conductor Replacement*

Organization: 2410 Electric Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: General  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$161,868	\$ -	\$ -	\$ -	\$ -	\$161,868

*Description: Install 7,950 feet of underground 15 kV primary conductor in the Resaca Gardens Subdivision to replace the existing direct buried primary conductor. Note: \$161,868 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: O&M costs will be reduced for both troubleshooting and outage restoration.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 31

*Water & Wastewater Treatment Plant Backup Power Improvements*

Organization: 2410 Electric Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Eliazar Perez, P.E.  
Utility Function: Electric Generation

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$63,863	\$ -	\$ -	\$ -	\$ -	\$63,863

*Description: The feasibility study will design and engineer the backup power requirements for Water Plant I, Water Plant II, Robindale Wastewater Treatment Plant and South Wastewater Treatment Plant.*

*Note: \$63,863 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

## PROJECT REFERENCE 32

*Purchase and Install a Second Power Transformer at the Palo Alto Substation*

Organization: 2410 Electric Engineering  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Commercial Paper  
Project: General  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Transmission

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$500,000	\$1,500,000	\$ -	\$ -	\$ -	\$2,000,000

*Description: The Palo Alto Substation has only one 15/20/25 MVA power transformer, which is at 70% capacity. A new transformer will accommodate future growth in this area of the City of Brownsville.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 33

*Install Electrical Conductor and Conduit at for Various Subdivisions*

Organization: 2410 Electric Engineering

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Reliability

Originator: Eli Alvarez, P.E.

Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$257,600	\$ -	\$ -	\$ -	\$ -	\$257,600

*Description: Purchase and install electrical conductor and conduit inside a 2.5-inch HDPE duct by directional bore at various subdivisions, including the necessary materials. Note: \$89,600 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: O&M costs will be reduced for both troubleshooting and outage restoration costs.

Operating Costs: N/A.

## PROJECT REFERENCE 34

*Capacitor Bank and Controller Installations*

Organization: 2410 Electric Engineering

Project Related to: Growth

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project: Load/Capacity Relief

Originator: Emmanuel Benitez, P.E.

Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$ 125,000	\$125,000	\$-	\$ -	\$ -	\$250,000

*Description: Install capacitor banks and controllers for the distribution substation feeders to provide better power quality, improved reliability, and reduced losses.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A

Operating Costs: Reduced losses will generate O&M savings throughout the BPUB system.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 35

*Install a Second Power Transformer at the Water Port Substation - engineering*

Organization: 2410 Electric Engineering  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Commercial Paper  
Project Considered: Reliability  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$86,896	\$ -	\$ -	\$ -	\$ -	\$86,896

*Description: The Water Port Substation has only one 15/20/25/28 MVA, 138/12.5KV power transformer, which is at 65% capacity. Design and engineer the purchase and installation of a 15/20/25/28 MVA, 138/12.5 kV power transformer, one 138 kV breaker, one circuit switcher, two 12.5 kV outdoor vacuum circuit breakers and protection relays to increase reliability. Note: \$86,896 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

## PROJECT REFERENCE 36

*Install a Second Power Transformer at the Water Port Substation – construction*

Organization: 2410 Electric Engineering  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Commercial Paper  
Project Considered: Reliability  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$387,104	\$2,000,000	\$ -	\$ -	\$ -	\$2,387,104

*Description: The Water Port Substation has only one 15/20/25/28 MVA, 138/12.5KV power transformer, which is at 65% capacity. Purchase and installation of a 15/20/25/28 MVA, 138/12.5 kV power transformer, one 138 kV breaker, one circuit switcher, two 12.5 kV outdoor vacuum circuit breakers and protection relays to increase reliability.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 37

### *Recloser Controls on Substation Feeders*

Organization: 2410 Electric Engineering  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$ -	\$50,000	\$50,000	\$50,000	\$50,000	\$200,000

*Description: Install reclosers for several different substation feeders to provide better reliability to BPUB's customers.*

#### *Impact of Project:*

Project Cost Savings & Revenues: O&M costs will be reduced for both troubleshooting and outage restoration purposes.

Operating Costs: N/A.

## PROJECT REFERENCE 38

### *Overhead Insulated Wire Installation*

Organization: 2410 Electric Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Improvement  
Project Considered: General  
Originator: Eleazar Ruiz Jr, P.E.  
Utility Function: Electric Distribution

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$55,000	\$55,000	\$55,000	\$ -	\$ -	\$165,000

*Description: The scope of the project includes the installation of insulated overhead wire in approximately 13 different locations where tree trimming is not practical, easily accessible, or where trimming might possibly destroy the tree. The insulation will help avoid vegetation coming in contact with distribution power lines; thus, reducing the likelihood of feeder operations interruptions and extended outage times.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 39

*Extend Feeder from Titan Substation to Stagecoach Road*

Organization: 2410 Electric Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Commercial Paper  
Project Considered: General  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$250,000	\$ -	\$ -	\$ -	\$ -	\$250,000

*Description: Existing circuits in this area are reaching peak capacity. Install new infrastructure to extend the distribution feeder from Titan Substation towards Stagecoach Road through Dennet Road. In addition to serving future development in this area, the new infrastructure is vital to permanently transferring load from existing circuits nearing peak capacity.*

### *Impact of Project:*

Project Cost Savings & Revenues: New customers will provide additional revenue.

Operating Costs: Crews will maintain the new infrastructure.

## PROJECT REFERENCE 40

*OH Conductor Upgrades According to Long Range Plan Projects*

Organization: 2410 Electric Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Improvement  
Project Considered: Load/Capacity Relief  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,580	\$150,520	\$ -	\$ -	\$ -	\$251,100

*Description: This project will extend/upgrade overhead conductors to meet the growing needs of the service areas alongside the following: Padre Island Highway, Robindale Road, Ridgemont Court and Robinhood Drive. In addition to serving significant developments in these areas, this item will allow for the permanent transfer of load from existing circuits nearing peak capacity.*

### *Impact of Project:*

Project Cost Savings & Revenues: O&M costs will be reduced for both troubleshooting and outage restoration purposes.

Operating Costs: N/A.



# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 41

*Union Carbide 69 kV to 138 kV Conversion and Transmission Line Work (Feasibility Study Only)*

Organization: 2410 Electric Engineering

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Reliability

Originator: Eli Alvarez, P.E.

Utility Function: Electric Transmission

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$ -	\$300,000	\$ -	\$ -	\$ -	\$300,000

*Description: The Loma Alta and Union Carbide Substations were built in the early 1980s and are 69/12.5 kV systems. The 12.5 kV breakers and protection relays have become obsolete due to the lack of available parts. The 12.5 kV switchgear and the existing disconnect switches are deteriorating as well. Upgrade the existing Loma Alta and Union Carbide Substations from 69 kV to 138 kV. The project will provide the feasibility study needed to upgrade the Union Carbide Substation and Loma Alta Substation from the 69kV transmission voltage to 138kV.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

## PROJECT REFERENCE 42

*South Plant Substation Feeder to serve developments*

Organization: 2410 Electric Engineering

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Growth

Originator: Eli Alvarez, P.E.

Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$250,000	\$250,000	\$ -	\$ -	\$ -	\$500,000

*Description: The BPUB proposes to extend two new distribution feeders to meet the demands of its customers. In addition to serving significant development in the area, the proposed feeders are vital to permanently transferring load from existing circuits nearing their peak capacity.*

### *Impact of Project:*

Project Cost Savings & Revenues: A dedicated feeder will reduce the labor costs required to perform partial load transfers. The feeder will allow three MW of additional connections, which will provide \$500,000 in revenues over a 10-year period.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 43

*TXDOT State Highway 48 Pole Relocation Project*

Organization: 2410 Electric Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: General  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$60,000	\$ -	\$ -	\$ -	\$ -	\$60,000

*Description: Relocate distribution poles and the associated secondary conductors along International Blvd to accommodate TXDOT's newly proposed curbs.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A  
Operating Costs: N/A.

## PROJECT REFERENCE 44

*Reconductor Alternate Feeder from Waterport Substation to Forza Steel with 477 MCM AAC*

Organization: 2410 Electric Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Load/Capacity Relief  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$200,000	\$ -	\$ -	\$ -	\$ -	\$200,000

*Description: Extend/upgrade 12,000 feet of overhead extension alongside Old State Highway 48 to meet the growing needs of this area. In addition to serving the significant developments in this area, the proposed reconducted feeder is vital to temporarily transferring load from existing circuits nearing peak capacity or during maintenance of Loma Alta Substation.*

### *Impact of Project:*

Project Cost Savings & Revenues: O&M costs will be reduced for both troubleshooting and outage restoration.  
Operating Costs: Revenue will not be lost due to less occurrence of outages.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 45

*Extend Feeder from Palo Alto Substation South Along Old Alice Rd and East Along Railroad Right-of-Way to Prisma Heights Subdivision*

Organization: 2410 Electric Engineering  
Project Related to: Growth  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: General  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$ -	\$ -	\$ -	\$250,000	\$ -	\$250,000

*Description: Extend 7,000 feet of overhead electrical conductor from Palo Alto Substation south along Old Alice Rd and east along railroad right-of-way in order to effectively serve Prima Heights Subdivision and future development in the area.*

### *Impact of Project:*

Project Cost Savings & Revenues: New customers will provide additional revenue.

Operating Costs: N/A.

## PROJECT REFERENCE 46

*TXDOT East Loop Regional Project*

Organization: 2410 Electric Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: General  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Transmission

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$ -	\$350,000	\$350,000	\$ -	\$ -	\$700,000

*Description: Relocate the transmission and distribution along East Avenue to the new road proposed by TXDOT.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 47

### *50 MVAR Reactive Support Transmission Project*

Organization: 2410 Electric Engineering  
Project Related to: Growth  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial Paper  
Project Considered: Reliability  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Transmission

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$400,000	\$1,175,000	\$1,175,000	\$ -	\$ -	\$2,750,000

*Description: Based on the 2023 Steady State TPL studies, Electric Engineering staff observed significant voltage violations within its system. In order to resolve the contingency violations, reactive support will be required. Install a 50 MVAR dynamic SVC at the Rio Grande Substation, which is needed for compliance of ERCOT and NERC standards.*

#### *Impact of Project:*

Project Cost Savings & Revenues: Reduced costs for purchasing power due to lower needs for such power.

Operating Costs: N/A.

## PROJECT REFERENCE 48

### *New 56 MVA Distribution Ocelot Substation*

Organization: 2410 Electric Engineering  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Commercial Paper  
Project Considered: Load/Capacity Relief  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Transmission

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$400,000	\$1,100,000	\$4,000,000	\$ -	\$ -	\$5,500,000

*Description: In order to meet the projected growth for the northwest area of the City of Brownsville, this project will entail the planning, engineering and construction necessary to install a new 56 MVA distribution substation. The new distribution substation will include but is not limited to the purchase and installation of 2 each 138/12.5 kV, 28 MVA power transformers, 2 each 138 kV circuit breakers, 2 each SF-6 gas circuit switchers, a relay switchboard panel, 125V DC backup system, an outdoor 12.5kV metalclad switchgear, and control building. Note: \$289,942 is the FY 2023 carryover amount.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 49

*Electric System Utility Work Contract*

Organization: 2410 Electric Engineering  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Commercial Paper  
Project Considered: General  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$2,000,000	\$2,000,000	\$ -	\$ -	\$ -	\$4,000,000

*Description: This item provides funding for the contractor to perform various types of electric utility work to meet the needs of the growing electric system. The contractor will provide labor and equipment composing of at least one crew to provide non-site-specific construction, repair and maintenance in rural and non-rural areas of BPUB's electrical system. BPUB will supply all non-consumable and non-expendable materials for each work assignment. This project will ensure timely electrical installations without sacrificing electrical maintenance programs that sustain and improve reliability. Note: \$1,466,147 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A  
Operating Costs: N/A.

## PROJECT REFERENCE 50

*Robindale WWTP Underground 3-Phase Transformer Project*

Organization: 2410 Electric Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial Paper  
Project Considered: Reliability  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$22,657	\$ -	\$ -	\$ -	\$ -	\$22,657

*Description: Purchase and install a 2500 KVA 7200 277/480V underground transformer. The new transformer will increase reliability for the Robindale Wastewater Treatment Plant. Note: \$22,657 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.  
Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 51

*Extension to Acacia Place at Madeira – Phase 1*

Organization: 2410 Electric Engineering  
Project Related to: Growth  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$278,818	\$ -	\$ -	\$ -	\$ -	\$278,818

*Description: BPUB will extend infrastructure along US 77 North Frontage Road to Acacia Place to serve the proposed Madeira Subdivision. Infrastructure includes installing three each switchgears and 8,175 feet of underground 3-phase cable. Note: \$22,657 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Revenues will result from future residential customers.

Operating Costs: N/A.

## PROJECT REFERENCE 52

*Reliability Improvement Projects*

Organization: 2410 Electric Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial Paper  
Project Considered: Reliability  
Originator: Eli Alvarez, P.E.  
Utility Function: Electric Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

*Description: Services in several areas of the City of Brownsville have experienced reliability issues from the overhead conductors. BPUB proposes to convert existing overhead distribution lines to underground lines where needed. Crews will install the electrical conductor inside 2.5 HDPE duct by directional bore.*

### *Impact of Project:*

Project Cost Savings & Revenues: Crews will reduce costs for labor, material and equipment used for both troubleshooting and outage restoration purposes.

Operating Costs: Maintenance will continue for installed underground lines.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 55

*Advanced Metering Infrastructure (AMI) – electric*

Organization: 7130 Enterprise Solutions

Project Related to: Replacement/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: General

Originator: Eddy Hernandez

Utility Function: Electric Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$3,706,853	\$4,551,385	\$4,504,897	\$ -	\$ -	\$12,763,135

*Description: BPUB will optimize meter reading, customer service, operational efficiency and electric use-efficiency efforts through the procurement and installation of AMI technology. The scope of work includes materials, supervision, installation, and retrofitting/replacing approximately 57,000 meters. Purchase and install new communications networks to transmit the large volume of interval load data from the meter to the utility systems. Purchase and install the meter data management system (MDMS) to store and process the interval load data; and to integrate the meter data with key information and control systems, including head-end systems (Customer Information System, Geographic Information System, etc.). Note: \$3,706,853 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The costs of labor and transportation will be greatly reduced.

Operating Costs: N/A.

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# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 59

### *Hidalgo Capital Improvements*

Organization: 2220 Power Production  
Project Related to: Replacement/Upgrades/Rehabilitation  
Project Occurrence: Recurring  
Category: Routine

Funding Source: Commercial Paper  
Project Considered: Load/Capacity Relief  
Originator: Rolando Lozano, P.E.  
Utility Function: Electric Generation

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$6,286,814	\$5,434,754	\$418,420	\$421,823	\$ -	\$12,561,811

*Description: This item funds BPUB's share of expenditures from upgrading or replacing equipment or systems that have reached the end of their life cycle, failed prematurely or require enhancement for economic reasons at the Hidalgo Energy Center in Edinburg, Texas.*

#### *Impact of Project:*

Project Cost Savings & Revenues: Improve the plant's overall reliability and availability, thereby reducing lost time and unexpected outages and costly repair. Any excess capacity may be dispatched for sale in the nodal market, providing additional revenue at time of sale.

Operating Costs: N/A.

## PROJECT REFERENCE 60

### *Unit 10 Chiller Cooling Tower Replacement*

Organization: 2220 Power Production  
Project Related to: Replacement/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Rolando Lozano, P.E.  
Utility Function: Electric Generation

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$1,140,500	\$ -	\$ -	\$ -	\$ -	\$1,140,500

*Description: The current tower infrastructure has degradation of internal and external metal structures due to solar exposure and a corrosive environment. The replacement of the cooling tower designed for the specific application will reduce maintenance costs and liability and improve performance. Note: \$731,261 is the FY 2023 carryover amount.*

#### *Impact of Project:*

Project Cost Savings & Revenues: Cost reduction of approximately \$30,000 per year is estimated for reduced repair costs and improved performance.

Operating Costs: Routine maintenance and upkeep is expected.



# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 61

*Unit 6 Improvements, HRSG Economizer Panel Replacement and Generator Gas Analyzer Replacement*

Organization: 2220 Power Production

Project Related to: Replacement/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Reliability

Originator: Rolando Lozano, P.E.

Utility Function: Electric Generation

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$544,359	\$ -	\$ -	\$ -	\$ -	\$544,359

*Description: Replace the Heat Recovery System Generator (HRSG) economizer section, which has reached the end of its useful life, by purchasing and installing three each split lower header economizer panels and a generator gas analyzer system. Note: \$544,359 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Cost reduction of approximately \$100,000 - \$200,000 per year is estimated for reduced repair costs.

Operating Costs: Routine maintenance and upkeep is expected.

## PROJECT REFERENCE 62

*Unit 10 Ovation Control Replacement*

Organization: 2220 Power Production

Project Related to: Replacement/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Must Do

Originator: Rolando Lozano, P.E.

Utility Function: Electric Generation

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$624,100	\$ -	\$ -	\$ -	\$ -	\$624,100

*Description: Replace the existing Woodward Micronet Control System (a General Electric product line) for the combustion turbine and incorporate all functional control into the Emerson Ovation Distributed Control System in anticipation of obsolescence. Note: \$624,100 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Increased efficiency will result in indirect cost savings. Improved operation and monitoring will reduce operating costs.

Operating Costs: Routine maintenance and upkeep is expected.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 63

### *DCS Ovation Control System and Windows 10 Upgrade*

Organization: 2220 Power Production

Project Related to: Replacement/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement and  
Commercial Paper

Project Considered: Must Do

Originator: Rolando Lozano, P.E.

Utility Function: Electric Generation

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$1,507,302	\$ -	\$ -	\$ -	\$ -	\$1,507,302

*Description: The existing Digital Control System (DCS), situated in the Control Room, has been in service for 8 years. The current Windows software does not support the current DCS. Upgrade the existing Emerson Ovation DCS to Windows 10. Note: \$27,400 is the FY 2023 carryover amount from the Improvement Fund. Also, \$941,737 of the overall total is allocated to the Improvement Fund.*

#### *Impact of Project:*

Project Cost Savings & Revenues: Increased efficiency will result in indirect cost savings. Improved operation and monitoring will reduce operating costs.

Operating Costs: N/A.

## PROJECT REFERENCE 64

### *Silas Ray Building Infrastructure – Surveillance*

Organization: 2220 Power Production

Project Related to: Replacement/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: New

Funding Source: Improvement

Project Considered: Must Do

Originator: Rolando Lozano, P.E.

Utility Function: Electric Generation

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$50,000	\$ -	\$ -	\$ -	\$ -	\$50,000

*Description: Replace the existing surveillance system, which remains unchanged for over 10 years.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: Routine costs for server maintenance and patching.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 65

### *Unit 6 Mechanical and Controls Modernization*

Organization: 2220 Power Production  
Project Related to: Replacement/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Rolando Lozano, P.E.  
Utility Function: Electric Generation

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$800,000	\$1,850,000	\$ -	\$ -	\$ -	\$2,650,000

*Description: The current Governing Control System is worn and cannot meet the current NERC Reliability Standard. The Throttle Valve Actuating Servo requires manual/mechanical intervention to assure operation. Mechanical trip devices are floppy and have become unreliable.*

#### *Impact of Project:*

Project Cost Savings & Revenues: Potential cost savings in annual insurance costs due to reduced liability in operation. Increase potential for Fast-Start Ancillary service participation with ERCOT. Reduced down time due to failed start translates to improved revenue earning potential.

Operating Costs: N/A.

## PROJECT REFERENCE 66

### *Silas Ray Building Infrastructure – Roofs and Canopy*

Organization: 2220 Power Production  
Project Related to: Replacement/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Rolando Lozano, P.E.  
Utility Function: Electric Generation

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$65,000	\$ -	\$ -	\$ -	\$ -	\$65,000

*Description: Replace the existing roofs and canopy infrastructure, which remains unchanged for over 30 years..*

#### *Impact of Project:*

Project Cost Savings & Revenues: Repairs to infrastructure will be reduced.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 69

*Gas pipeline right-of-way project completion*

Organization: 4310 Operational Support Services  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Jaime Estrada  
Utility Function: Electric Generation

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$171,630	\$ -	\$ -	\$ -	\$ -	\$171,630

*Description: Engineering and feasibility services and right-of-way acquisitions for the proposed natural gas pipeline. Note: \$171,630 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.  
Operating Costs: N/A.

## PROJECT REFERENCE 73

*Carryover Capital Equipment*

Organization: 9110 Company-wide Expenses  
Project Related to: General  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Company wide  
Utility Function: Electric Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$1,012,236	\$ -	\$ -	\$ -	\$ -	\$1,012,236

*Description: This line item is the budget for the carryover capital equipment. These items include purchases of vehicles and other equipment for several departments. Note: \$1,012,236 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.  
Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 74

### *Estimated Capital Equipment*

Organization: 9110 Company-wide Expenses  
Project Related to: General  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Company wide  
Utility Function: Electric Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$1,632,561	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,632,561

*Description: This line item will provide funding for the purchase of new capital equipment. These items include purchases of vehicles and other equipment for several departments.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

## PROJECT REFERENCE 79

### *BPUB Billboard Construction*

Organization: 1135 Communications & Public Relations  
Project Related to: Growth  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: General  
Originator: Constanza Miner, EDFP  
Utility Function: General Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$500,000	\$ -	\$ -	\$ -	\$ -	\$500,000

*Description: BPUB currently leases advertising on two digital billboards, one located on the Frontage Road near Sunrise Mall and the other on intersection of Boca Chica Blvd and Paredes Line Road. The advertising on the billboards is shared with other companies. By constructing a billboard on BPUB-owned site, messaging on the billboard can be changed when necessary.*

### *Impact of Project:*

Project Cost Savings & Revenues: Reduce/eliminate the current advertising contract with the vendor. BPUB currently pays \$6,000 per month for this contract.

Operating Costs: The new infrastructure will require routine preventative maintenance.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 82

*Implementation of an Enterprise Content Management (ECM) System*

Organization: 1165 Records Management  
Project Related to: Replacement/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Nancy Arriaga  
Utility Function: General Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$223,607	\$ -	\$ -	\$ -	\$ -	\$223,607

*Description: The implementation of the ECM System consists of conducting a needs assessment, developing system specifications, projecting cost benefit analysis, developing request for proposals, evaluating and selecting vendor, and installation and implementation of the system. Note: \$223,607 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: BPUB will not have to spend funds every six months to add 20 terabytes of storage capacity and will not have to store paper records since the retention period will be incorporated into the ECMS.

Operating Costs: N/A.

## PROJECT REFERENCE 85

*HVAC Replacement Project*

Organization: 1422 Analytical Lab  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Improvement  
Project Considered: General  
Originator: Vicente Guerrero III  
Utility Function: General Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$992,320	\$ -	\$ -	\$ -	\$ -	\$992,320

*Description: The existing HVAC system has several leaks in the chillers and air ducts. Replacement is necessary due to chiller corrosion leaks, building internal condensation issues and the age of the equipment. This project will replace the HVAC chillers, air handlers, ductwork, chilled water pumps and piping, exhaust fans and associated appurtenances necessary to replace the existing system. Note: \$992,320 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Reduced costs are expected for repairing the HVAC system.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 86

*Analytical Lab Rehabilitation Project*

Organization: 1422 Analytical Lab  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Improvement  
Project Considered: General  
Originator: Vicente Guerrero III  
Utility Function: General Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$600,000	\$ -	\$-	\$ -	\$ -	\$600,000

*Description: The Analytical Lab Building has been in service for more than 20 years. Due to internal humidity issues, wall and ceiling repairs are required throughout portions of the building. This project will replace stained building sheet rock, laboratory cabinets, roof, and other areas identified through the engineering design.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: Continual building maintenance is expected after project completion.

## PROJECT REFERENCE 89

*SCADA Yard Communication Tower – Phase 2 and 3*

Organization: 2210 SCADA & Electrical Support Services  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover and Resubmission

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Elias Quintero Jr.  
Utility Function: General Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$374,440	\$ -	\$ -	\$ -	\$ -	\$374,440

*Description: Design, purchase and implement the replacement of the existing SCADA telemetry system for the electric, water and wastewater SCADA systems. This project includes improvements to the SCADA remote terminal unit locations and access points. Note: \$277,800 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 92

### *Financial Management Information System*

Organization: 5110 Finance  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Monica Garza Cavazos  
Utility Function: General Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$250,000	\$2,375,000	\$2,375,000	\$ -	\$ -	\$5,000,000

*Description: The existing financial management information system has been in use since Fiscal Year 1998. The current system does not easily integrate with BPUB's other software systems. Upgrade or replace the existing software system.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: Software maintenance costs will incur annually.

## PROJECT REFERENCE 95

### *Virtual Assistant*

Organization: 6110 Customer Service  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: General  
Originator: Eduardo Campirano, Jr.  
Utility Function: Customer Service

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$71,000	\$ -	\$ -	\$ -	\$ -	\$71,000

*Description: The proposed virtual assistant/chat bot will answer customer inquiries, direct customers to the appropriate website location and have the ability to process customer payments. A virtual assistant is a dynamic artificial intelligence platform that automates conversational experiences for customers and employees. With the utilization of a virtual agent, BPUB will enhance the customer experience, reduce resolution times, enhance customer trust, reduce call volume and will be available 24/7/265 in multiple languages.*

### *Impact of Project:*

Project Cost Savings & Revenues: Reduction in call volume will reduce the need for additional staff and overtime.

Operating Costs: Software maintenance costs will incur annually.



# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 98

*Cayenta Utilities (UMS) Upgrade*

Organization: 6135 CIS Support  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Norma A. Gomez  
Utility Function: Customer Service

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$32,668	\$ -	\$ -	\$ -	\$ -	\$32,668

*Description: Since the last upgrade to the Utility Manager System in March 2015, new enhancements have been released that will allow the company to provide better customer service and allow the use of new interfaces with other applications such as Cityworks and GIS. The upgrade will have new enhanced features such as custom portals available for all different departments using the application. Note: \$32,668 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.  
Operating Costs: N/A.

## PROJECT REFERENCE 99

*Cayenta The Customer Engagement Portal*

Organization: 6135 CIS Support  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Norma A. Gomez  
Utility Function: Customer Service

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$230,029	\$ -	\$ -	\$ -	\$ -	\$230,029

*Description: The existing Customer Self Service Portal is outdated and not compatible with the recently updated Outage Management System (OMS). Cayenta, the vendor providing the Customer Information System, will no longer support the existing portal. Purchase and implement Cayenta's Customer Engagement Portal, which includes the Customer Engagement Portal, Engager Mobile App, basic Customer Preference Management functionality, and integration to the OMS. Note: \$230,029 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Reduce labor costs incurred to answer customer requests for outage, bill and historical information.  
Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 102

*UPS – IT Equipment at Power Plant*

Organization: 7131 IT Hardware, Cyber, & Network  
Management

Project Related to: Growth

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Luis Lopez Jr.

Utility Function: General Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$45,000	\$ -	\$ -	\$ -	\$ -	\$45,000

*Description: Uninterruptible power supply (UPS) for new building phone/network hardware is required. This will allow departments using the servers at the Power Plant to maintain proper phone connectivity in the event of a power outage. In addition, purchase and connect core network switches. Note: \$45,000 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

## PROJECT REFERENCE 103

*Enterprise Backup Appliance DR4100*

Organization: 7131 IT Hardware, Cyber, & Network  
Management

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Luis Lopez Jr.

Utility Function: General Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$ -	\$225,000	\$ -	\$ -	\$ -	\$225,000

*Description: Purchase and install the appliance, which will be used to backup BPUB's enterprise systems and allow those systems to be stored at the Administration Building and the Power Plant facility.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 104

### *Cisco Phone Upgrade*

Organization: 7131 IT Hardware, Cyber, & Network Management

Funding Source: Improvement

Project Related to: Replacements/Upgrades/Rehabilitation

Project Considered: Reliability

Project Occurrence: One-time

Originator: Jose Luis Lopez Jr.

Category: Carryover

Utility Function: General Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

*Description: This project will replicate the existing Cisco phone applications offsite to a Cisco hosted and operated, dedicated customer instance in Cisco Webex data centers, allowing the phone applications to run from a cloud environment. Other phone cloud vendors will also be contacted for alternate call center, call reporting and VOIP phone system applications. Note: \$18,402 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: Annual fee for housing the hardware.

## PROJECT REFERENCE 105

### *Power Plant Firewall and Data Center Switch Upgrade*

Organization: 7131 IT Hardware, Cyber, & Network Management

Funding Source: Improvement

Project Related to: Replacements/Upgrades/Rehabilitation

Project Considered: Reliability

Project Occurrence: One-time

Originator: Jose Luis Lopez Jr.

Category: Carryover

Utility Function: General Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$283,812	\$ -	\$ -	\$ -	\$ -	\$283,812

*Description: Due to stringent cybersecurity policies by the state and external audits, purchase and install next-generation appliances for enhanced detection and protection of the system environment. These appliances will allow a more centralized view to enable a more granular security of software applications, improve network security and simplify the network workload. This project will also provide the necessary network connectivity and security to support the enterprise business applications and protect against malware and cybersecurity attacks. Note: \$283,812 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: Yearly service agreement for updates and support.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 106

### *Email Retention and Archiving Project*

Organization: 7131 IT Hardware, Cyber, & Network Management

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Load/Capacity Relief

Originator: Jose Luis Lopez Jr.

Utility Function: General Administration

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

*Description: This project will set up and procure a platform other than Microsoft Exchange to archive and retrieve emails, which will be managed by the Records Management Department. This project will also be used for system log archiving application to record cyber security incidents. The application will help address compliance, forensic analysis and forensic audits. Note: \$100,000 is the FY 2023 carryover amount.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: Annual hardware and software support services.

## PROJECT REFERENCE 107

### *E911 and Cisco Switch Upgrade*

Organization: 7131 IT Hardware, Cyber, & Network Management

Project Related to: Emergency

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Luis Lopez Jr.

Utility Function: General Administration

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$130,000	\$96,000	\$ -	\$ -	\$ -	\$226,000

*Description: Cisco Emergency Responder 9.0 is a software appliance that enhances emergency calling from Cisco Unified Communications Manager. It helps assure that Cisco Unified Communications Manager sends emergency calls to the appropriate Public Safety Answering Point (PSAP) for the caller's location, and that the PSAP can identify the caller's location and, if necessary, return the call. Cisco Emergency Responder can also notify customer security personnel of an emergency call in progress and the caller's location. Core networking switches will also need upgrades.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 108

*Cisco ACI Networking Equipment / Dell FX – Multi-Site*

Organization: 7131 IT Hardware, Cyber, & Network  
Management

Project Related to: Emergency

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Luis Lopez Jr.

Utility Function: General Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$252,617	\$100,000	\$ -	\$ -	\$ -	\$352,616

*Description: The Enterprise ACI Cisco networking equipment will provide the necessary network connectivity to support network communications and redundancy for BPUB's enterprise business applications. This project includes creating physical routed virtual local area networks on the network devices and purchasing blade equipment, which will provide more reliable phone and network services to BPUB's end users.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: Yearly software maintenance support.

## PROJECT REFERENCE 109

*Data Cabling for Main Administration Building*

Organization: 7131 IT Hardware, Cyber, & Network  
Management

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Luis Lopez Jr.

Utility Function: General Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$ -	\$150,000	\$100,000	\$ -	\$ -	\$250,000

*Description: Replace the existing data cabling for the Administration Building with Category 6 cable or better to support new IP technologies and better network connectivity.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 110

### *Palo Alto Data Lake Services*

Organization: 7131 IT Hardware, Cyber, & Network Management

Project Related to: Growth

Project Occurrence: One-time

Category: New

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Luis Lopez Jr.

Utility Function: General Administration

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$90,000	\$ -	\$ -	\$ -	\$ -	\$90,000

*Description: Procure next-generation services for detection and protection of the network environment. These services will allow for a more centralized view to enable a more granular security of software applications, improve network security and simplify network maintenance.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

## PROJECT REFERENCE 113

### *GIS/Cityworks Upgrade*

Organization: 7135 Geographic Information Systems

Project Related to: Replacement/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Must Do

Originator: Sonia Gover

Utility Function: General Administration

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$500,000	\$ -	\$ -	\$ -	\$ -	\$500,000

*Description: This project will upgrade the GIS and Cityworks software applications to the most current version available.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: Annual maintenance agreements for the GIS and Cityworks applications.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 116

### *Large Fans Purchase and Installation*

Organization: 7170 Warehouse  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Julio C. Perez  
Utility Function: General Administration

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$54,585	\$ -	\$ -	\$ -	\$ -	\$54,585

*Description: The east and west side of the warehouse does not have air circulation throughout the day. Purchase and install four each industrial fans to provide proper air circulation in these areas of the warehouse.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

## PROJECT REFERENCE 117

### *FM 511 Service Center – New Lay Down Yard*

Organization: 7170 Warehouse  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Diane Solitaire  
Utility Function: General Administration

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$561,015	\$666,480	\$ -	\$ -	\$ -	\$1,227,495

*Description: The current layout of the FM 511 lay down yard area does not accommodate all materials needed to supply operations on a day-to-day basis. This project will expand the lay down yard area to accommodate all materials currently stored at the old warehouse and yard areas located on Robinhood Drive and provide additional room for storing increased inventory requirements. Purchase and install approximately 775 linear feet of 8-foot fence with two each 24-foot gates with electric operator. The yard's preparation will include limestone, site grading and the purchase of pole racks.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 120

### *Carryover Project Contingency Budget*

Organization: 9110 Company-wide Expenses  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Monica Garza Cavazos  
Utility Function: General Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$500,000	\$ -	\$ -	\$ -	\$ -	\$500,000

*Description: This line item will provide funds for projects that are an emergency or are high priority but not funded in this Capital Improvement Plan. Note: \$500,000 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.  
Operating Costs: N/A.

## PROJECT REFERENCE 128

### *SRWA Wells Fiber Communications*

Organization: 2210 SCADA & Electrical Support Serv.  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Elias Quintero Jr.  
Utility Function: Water Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$60,000	\$ -	\$ -	\$ -	\$ -	\$60,000

*Description: Weather events affect the current radio system, such as lightning, that prevent the system from restarting. Operations is affected while the radio system is repaired. The City of Brownsville is installing a middle mile fiber route along the well site area. Extend fiber communications from this line to all SRWA well sites.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.  
Operating Costs: N/A.



# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 131 and 132

*Raw Water Pump Station – engineering (Packet 4) and construction – AECOM Pumps 4, 5, and 6*

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover and New

Funding Source: Improvement and Grants

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$321,362	\$225,000	\$ -	\$ -	\$ -	\$546,362

*Description: Procure engineering and construction services to rehabilitate the Raw Water Pump Station with new pumps, motor and piping, valve controls, SCADA modifications and electrical controls. After the engineering phase is complete, purchase and install the components for the Raw Water Pump Station. Note: \$21,362 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Reduced maintenance costs due to installation of new equipment.

Operating Costs: Routine preventative maintenance will keep the pumps in good working condition.

## PROJECT REFERENCE 133

*High Service Pump Station No. 1 – engineering (Packet 4)*

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$26,725	\$ -	\$ -	\$ -	\$ -	\$26,725

*Description: Procured engineering services to rehabilitate High Service Pump Station No. 1 by replacing the electrical building, outside transformers and electrical controls. Note: \$26,725 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 134

*High Service Pump Station No. 2 – Pump and Motor Replacement - engineering (Packet 4)*

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$18,091	\$ -	\$ -	\$ -	\$ -	\$18,091

*Description: Procured engineering services to rehabilitate High Service Pump Station No. 2 with new pumps, motor and piping, and electrical controls. Note: \$18,091 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

## PROJECT REFERENCE 135

*High Service Pump Station No. 2 – Pump and Motor Replacement – construction*

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$ -	\$283,775	\$ -	\$ -	\$ -	\$283,775

*Description: The current high service pump is over 30 years old and would be more cost effective to replace the entire unit. Replace the pump and motor at High Service Pump No. 2.*

### *Impact of Project:*

Project Cost Savings & Revenues: Pump and motor will be using a variable frequency drive, which will allow for only required output settings, reducing unnecessary power consumption.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 136

### *Access Control and Facility Cameras*

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$58,500	\$ -	\$ -	\$ -	\$ -	\$58,500

*Description: The facility was originally built in 1930 with an expansion in the 1950s. No surveillance system was integrated within the facility. Cameras and surveillance will contribute to safety and security with the ability to, for example, monitor suspicious activities. Note: \$58,500 is the FY 2023 carryover amount.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

## PROJECT REFERENCE 137

### *Water Plant No. 1 Train A and Train C Concrete Structure Repair Project*

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$182,061	\$ -	\$ -	\$ -	\$ -	\$182,061

*Description: This project consists of repairs and replacements of deteriorated concrete columns, beams and walls as well as installation of supplemental steel and other minor repairs, which will not only extend the life of the concrete basins but also eliminate any water leakage through the concrete. Note: \$182,061 is the FY 2023 carryover amount.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 138

*Clarifiers drain sludge pump*

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$16,010	\$ -	\$ -	\$ -	\$ -	\$16,010

*Description: The existing sludge pump for the clarifiers is over 15 years old and is beyond its life cycle. Purchase and install a drain sludge pump for the clarifiers. Note: \$16,010 is the FY 2023 carryover amount.*

*Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

## PROJECT REFERENCE 139

*Replacement of Compressors*

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$82,800	\$ -	\$ -	\$ -	\$ -	\$82,800

*Description: The existing compressors need to be replaced due to wear and tear. The compressors are under frequent maintenance. The actuators have been damaged due to oil and water getting inside them. Replace two air compressors in the pipe gallery.*

*Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 140

*Replacement of Waste Pump and Motor*

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$181,416	\$ -	\$ -	\$ -	\$ -	\$181,416

*Description: The waste pumps are essential in sending the backwash wastewater and sediment inside the basins and clarifiers to the drying lagoons. The existing waste pumps have been sent for preventive maintenance frequently. The existing pumps are over 25 years old and need to be replaced.*

### *Impact of Project:*

Project Cost Savings & Revenues: Waste pump does not need frequent repairs.

Operating Costs: N/A.

## PROJECT REFERENCE 141

*Replace Influent Valves for 8 Filters*

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$ -	\$214,000	\$ -	\$ -	\$ -	\$214,000

*Description: Influent valves allow settled water to enter the filtering stage of the treatment process. The current influent valves are allowing water to seep through when the valve is closed, due to the deteriorated valve gasket. Purchase and install new valves to replace the existing units.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

## FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

### PROJECT REFERENCE 142

*Replacement of rakes for two clarifiers (B1 and B2)*

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: New

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$ -	\$260,000	\$ -	\$ -	\$ -	\$260,000

*Description: Replace the clarifier rakes with a stainless-steel rake to prevent corrosion. The current rakes inside the clarifiers are severely corroded and need to be replaced.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

### PROJECT REFERENCE 143

*Drain Valves for the Drying Lagoons*

Organization: 3120 Water Plant I

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$58,500	\$ -	\$ -	\$ -	\$ -	\$58,500

*Description: Replace four 4-inch drain valves and two 6-inch drain valves to the drying lagoons drains. The existing drain valves are not operational. Note: \$58,500 is the FY 2023 carryover amount.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 146

*Aeration Structure Rehabilitation - Engineering (Packet 3)*

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$91,805	\$ -	\$ -	\$ -	\$ -	\$91,805

*Description: Evaluate the existing aeration process in Water Plant II. Recommend improvements, whether to upgrade the current facilities or build new facilities. Note: \$84,003 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

## PROJECT REFERENCE 147

*Aeration Tank Replacement - Engineering (Packet 3)*

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$94,151	\$ -	\$ -	\$ -	\$ -	\$94,151

*Description: Engineer the replacement of the existing aeration tank. Note: \$86,349 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 148

*High Service Pump Station (5 vertical turbine pumps) – engineering (Packet 4)*

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$27,577	\$ -	\$ -	\$ -	\$ -	\$27,577

*Description: Procure engineering services to rehabilitate the High Service Pump Station with new pumps and electrical controls. Note: \$20,770 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

## PROJECT REFERENCE 149

*Raw Water Pump Station – engineering (Packet 4)*

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$21,238	\$ -	\$ -	\$ -	\$ -	\$21,238

*Description: Procure engineering services to rehabilitate the Raw Water Pump Station with new raw water pumps, piping and electrical controls. The pumps need to have a capacity of 10 million gallons per day each. Note: \$15,869 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.



# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 150

### *Flocculation Basin Improvement*

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$60,000	\$67,400	\$ -	\$ -	\$ -	\$127,400

*Description: Flocculator gearboxes are outdated and difficult to obtain replacement parts. Replace the existing units with updated equipment.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: Routine preventative maintenance will keep the equipment in good working condition.

## PROJECT REFERENCE 151

### *Reservoir Raw Water Pumps Variable Frequency Drives (VFDs) Replacement*

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Jose Armando Garza

Utility Function: Water Treatment

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$90,000	\$ -	\$ -	\$ -	\$ -	\$90,000

*Description: This project will consist of replacing the variable frequency drives for raw water pumps No. 1, 2, and 3. Current age of the existing VFDs are over 10 years old. There have been frequent pump faults due to the VFDs; and staff has been trying to preserve the life of them by installing new parts.*

#### *Impact of Project:*

Project Cost Savings & Revenues: This project will generate savings in the form of reduced costs from external technicians and the reliability of new parts with warranty.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 152

*Pump and Motor Replacement of Reservoir Raw Water Pump Number 1*

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$196,500	\$ -	\$ -	\$ -	\$ -	\$196,500

*Description: The current pump is over 25 years old. Replace the existing pump and motor to reservoir raw water pump number 1.*

### *Impact of Project:*

Project Cost Savings & Revenues: Repair costs savings for the current pump.

Operating Costs: N/A.

## PROJECT REFERENCE 153

*Pump and Motor Replacement of Reservoir Raw Water Pump Number 3*

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$196,500	\$ -	\$ -	\$ -	\$ -	\$196,500

*Description: The current pump is over 25 years old. Replace the existing pump and motor to reservoir raw water pump number 3.*

### *Impact of Project:*

Project Cost Savings & Revenues: Save repair costs for the current pump.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 154

*Replacement of Backwash Waste Pump No 1*

Organization: 3130 Water Plant II

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Reliability

Originator: Jose Armando Garza

Utility Function: Water Treatment

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$135,918	\$ -	\$ -	\$ -	\$ -	\$135,918

*Description: The current pump is over 20 years old. The sludge pump transports backwash wastewater and sedimentation wastewater to the drying basins. Replace the existing pump and motor. Note: \$135,918 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Save repair costs for the current pump.

Operating Costs: N/A.

## PROJECT REFERENCE 157

*Second Crew Office Trailer*

Organization: 3135 Resaca Maintenance

Project Related to: Growth

Project Occurrence: One-time

Category: New

Funding Source: Resaca Fee CIP

Project Considered: Reliability

Originator: Rene Mariscal

Utility Function: Water Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$ -	\$90,935	\$ -	\$ -	\$ -	\$90,935

*Description: Purchase a new mobile office trailer to support the administrative needs of the dredging crew personnel.*

### *Impact of Project:*

Project Cost Savings & Revenues: Increased operations efficiency due to proposed location.

Operating Costs: Operation and maintenance costs for the new building.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 160

*TXDOT – International Blvd (SH 4) Water Utility Adjustments Phase I (from Expwy I69E to Southmost Blvd)*

Organization: 3150 W/WW Operations & Maintenance

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: New

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Francisco Valdez, Jr.

Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$250,000	\$ -	\$ -	\$ -	\$ -	\$250,000

*Description: The Texas Department of Transportation (TXDOT) is proposing to reconstruct International Boulevard (State Highway 4) from Expressway I69E to Southmost Boulevard. BPUB will be required to replace approximately 5 waterline crossings by boring under the entire width of the roadway, which will be impacted by the depth of the proposed roadway construction.*

### *Impact of Project:*

Project Cost Savings & Revenues: Reduced breakdowns of existing waterlines.

Operating Costs: Routine preventative maintenance is expected after construction completion.

## PROJECT REFERENCE 163

*Water Valve Replacement Phase 4 Project – engineering*

Organization: 3155 W/WW Operations & Maintenance

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Reliability

Originator: Jose G. Garza, Jr.

Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$31,077	\$ -	\$ -	\$ -	\$ -	\$31,077

*Description: Engineer the replacement of 21 each inoperable waterline valves, which range in size from 8" to 16" in diameter, throughout the City of Brownsville. Note: \$31,077 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Reduction of labor costs to perform leak repairs.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 164

*Water New Connections and New Subdivisions*

Organization: 3155 W/WW Operations & Maintenance  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: Recurring  
Category: Routine

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Jose G. Garza, Jr  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$643,180	\$500,000	\$500,000	\$500,000	\$500,000	\$2,643,180

*Description: This line item provides funding to implement new water connections for future customers requesting service. Note: \$143,180 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Work effort adds additional connections to the system, providing consumption revenues.

Operating Costs: N/A.

## PROJECT REFERENCE 165

*Water Meter Vault Replacement Project*

Organization: 3155 W/WW Operations & Maintenance  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Jose G. Garza, Jr  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$82,714	\$ -	\$ -	\$ -	\$ -	\$82,714

*Description: Replace and improve the asset usability and operability of water meter vaults in the water distribution system. Project will allow for replacement of six aged and outdated water meter vaults that have water infiltration issues, need to be pumped out for maintenance and perform monthly meter reads. Note: \$22,714 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Reduced time and materials after replacement of the water meter vaults.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 166

*Valve Replacement Project Phase 4 - construction*

Organization: 3155 W/WW Operations & Maintenance  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Jose G. Garza, Jr  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$500,000	\$200,000	\$ -	\$ -	\$ -	\$700,000

*Description: Replace valves throughout the City of Brownsville. Valves are inoperable, frozen, and/or spinning freely, causing difficulties in isolating and shutting down areas throughout the distribution system for repairs or maintenance.*

### *Impact of Project:*

Project Cost Savings & Revenues: Reduced time and materials after replacement of the valves.  
Operating Costs: N/A.

## PROJECT REFERENCE 167

*Fire Hydrant Replacement Project - engineering*

Organization: 3155 W/WW Operations & Maintenance  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Jose G. Garza, Jr  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$75,000	\$ -	\$ -	\$ -	\$ -	\$75,000

*Description: Procure engineering services to evaluate the condition of the fire hydrants throughout the City of Brownsville and plan the best method to replace the hydrants where needed.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.  
Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 170

*16-inch Waterline Loop from Lago Vista to W. Alton Gloor Blvd*

Organization: 3310 Water & Wastewater Engineering

Project Related to: Growth

Project Occurrence: One-time

Category: Carryover

Funding Source: Impact Fees

Project Considered: Load/Capacity Relief

Originator: Marie C. Leal

Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$400,000	\$ -	\$ -	\$ -	\$ -	\$400,000

*Description: Design and engineer to construct a new 16-inch diameter PVC waterline approximately 13,882 linear feet in length on the northwest part of the water distribution system along Lago Vista to West Alton Gloor Boulevard to provide optimum water pressures and services to customers and meet future demand. Note: \$400,000 is the FY 2023 carryover.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

## PROJECT REFERENCE 171

*EST No. 8 – Two Million Gallon Elevated Storage Tank to Replace the Southmost Elevated Storage Tank – engineering and construction*

Organization: 3310 Water & Wastewater Engineering

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Improvement

Project Considered: Must Do

Originator: Marie C. Leal

Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$225,918	\$ -	\$ -	\$ -	\$ -	\$225,918

*Description: Design, engineer and construct a two million gallon elevated storage tank to replace the elevated storage tank on Southmost Road. Note: \$161,169 is the FY 2023 carryover.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 172

### *30<sup>th</sup> Street Elevated Storage Tank Water Line*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Commercial Paper  
Project Considered: Reliability  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$803,876	\$ -	\$ -	\$ -	\$ -	\$803,876

*Description: Install a new transmission water line to the new proposed elevated water storage tank.*

*Note: \$304,149 is the FY 2023 carryover.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

## PROJECT REFERENCE 173

### *36-inch Diameter Raw Water Line Replacement at Rotary Park - engineering*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Supply

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$15,938	\$ -	\$ -	\$ -	\$ -	\$15,938

*Description: Design and engineer to replace the existing waterline with a new 36-inch diameter raw water line at Rotary Park by Palm Boulevard. Note: \$15,938 is the FY 2023 carryover amount.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A



# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 174

*Rotary Park Raw Waterline Upgrade – Construction*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacement/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Supply

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$740,318	\$ -	\$ -	\$ -	\$ -	\$740,318

*Description: The existing section of pipe is deteriorated and exhibiting cracks and exposed rebar. Replace a 160 linear foot section of an existing 36-inch pipe used to transport raw water from the reservoir to Water Treatment Plant II. Note: \$426,522 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

## PROJECT REFERENCE 175

*Avenida de la Plata, Elsa Street, Marvis Street and San Pedro Lane Water Utility Improvements-engineering*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$23,749	\$ -	\$ -	\$ -	\$ -	\$23,749

*Description: Design and engineer the replacement of existing water utilities with PVC pipe to meet BPUB standards. Note: \$23,749 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 176

*Avenida de la Plata, Elsa Street, Marvis Street and San Pedro Lane Water Utility Improvements-construction*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial  
Project Considered: Reliability  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$737,750	\$ -	\$ -	\$ -	\$ -	\$737,750

*Description: The project involves replacement/upgrades of existing water mains, valves, fittings, and service connections due to City Street Reconstruction Projects. Replace the existing water utilities with PVC pipe to meet BPUB standards. Note: \$737,750 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: N/A.

## PROJECT REFERENCE 177

*Calvin Street Water Utility Improvements – engineering and construction*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$72,333	\$ -	\$ -	\$ -	\$ -	\$72,333

*Description: Design and engineer the replacement of existing water utilities with PVC pipe to meet BPUB standards. The project involves replacement/upgrades of existing water mains, valves, fittings, and service connections due to City Street Reconstruction Projects. Note: \$11,967 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 178

*COB Contract No. 3 at Jose Marti Blvd, Calle Buenos Aires, Calle Costa Rica and Calle Nortena Water Utility Improvements*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Commercial Paper  
Project Considered: Reliability  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$986,232	\$ -	\$ -	\$ -	\$ -	\$986,232

*Description: The project involves replacement of gravity sanitary sewer collections system with PVC pipe, fiberglass manholes and service laterals in coordination with City Street Reconstruction Projects. Design, engineer and replace the degraded sanitary sewer collection system with PVC pipe and fiberglass manholes to meet BPUB standards. Note: \$487,540 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: N/A.

## PROJECT REFERENCE 179

*COB Contract No. 3 at Jose Marti Blvd, Calle Buenos Aires, Calle Costa Rica and Calle Nortena Water Utility Improvements*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$150,000	\$ -	\$ -	\$ -	\$ -	\$150,000

*Description: The project involves replacement of gravity sanitary sewer collections system with PVC pipe, fiberglass manholes and service laterals in coordination with City Street Reconstruction Projects. Replace the degraded sanitary sewer collection system with PVC pipe and fiberglass manholes to meet BPUB standards. Note: \$110,359 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

## PROJECT REFERENCE 180

*Boca Chica Blvd Waterline Upgrade (International Blvd. to Owens Road)*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Impact Fees  
Project Considered: Load/Capacity Relief  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$389,493	\$ -	\$ -	\$ -	\$ -	\$389,493

*Description: The existing waterline is undersized for the increased capacity demands. Upgrade the existing 12-inch AC waterline to 16-inch PVC to provide required minimum pressure to the east system. Note: \$387,507 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.  
Operating Costs: N/A

## PROJECT REFERENCE 181

*Extension of Water Service to the City of Brownsville and Department of Public Safety Joint Tactical Training Center*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: General  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$300,000	\$ -	\$ -	\$ -	\$ -	\$300,000

*Description: Extend first-time waterline extension to the proposed City of Brownsville and Department of Public Safety Joint Tactical Training Center.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.  
Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 182

### *2020 Master Plan*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$550,000	\$ -	\$ -	\$ -	\$ -	\$550,000

*Description: Evaluate the existing water distribution system in order to identify operating deficiencies and provide optimization recommendations. Note: \$519,360 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The Master Plan may potentially identify new areas for additional connections to the water distribution system.

Operating Costs: Normal maintenance expected for the waterlines.

## PROJECT REFERENCE 183

### *Owens Road Bridge Utility Adjustment (Phase I) - Engineering*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$45,074	\$ -	\$ -	\$ -	\$ -	\$45,074

*Description: Design and engineer the replacement of existing water utilities on Owens Road Bridge as part of a Texas Department of Transportation off-system replacement project in conjunction with the City of Brownsville. Note: \$45,074 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 184

*Owens Road Bridge Utility Adjustment (Phase I) – Construction*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$250,000	\$ -	\$ -	\$ -	\$ -	\$250,000

*Description: Replace the existing water utilities with temporary and permanent utility improvements from Boca Chica Blvd along Owens Road to the Owens Road Bridge as part of a Texas Department of Transportation off-system replacement project in conjunction with the City of Brownsville. All replacement waterline work will meet BPUB standards.*

### *Impact of Project:*

Project Cost Savings & Revenues: Reduce O&M costs due to reduced system breakdowns.

Operating Costs: Normal maintenance costs will apply.

## PROJECT REFERENCE 185

*Owens Road Bridge Utility Adjustment (Phase II) – Engineering and Construction*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$290,000	\$ -	\$ -	\$ -	\$ -	\$290,000

*Description: Replace the existing water utilities with extending and reconnecting the utilities on the new Owens Road / Resaca De La Palma Bridge as part of a Texas Department of Transportation off-system replacement project in conjunction with the City of Brownsville. All replacement waterline work will meet BPUB standards.*

### *Impact of Project:*

Project Cost Savings & Revenues: Reduce O&M costs due to reduced system breakdowns.

Operating Costs: Normal maintenance costs will apply.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 186

*New Raw Water River Intake Facility*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacement/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Impact Fees  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Supply

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$881,388	\$ -	\$ -	\$ -	\$ -	\$881,388

*Description: Existing river intake pumps station (pump No. 1 and No. 2), which are used to convey flow from the Rio Grande River to Water Treatment Plant No. 1 and No. 2, are over 80 years old and are in need of replacement. Design, engineer and construct a new raw water pump station to replace this facility. Note: \$881,388 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Minimal down time and minimal expenditures on parts and maintenance.

Operating Costs: N/A

## PROJECT REFERENCE 187

*New Raw Water River Intake Facility – additional funds*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacement/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Supply

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$600,000	\$ -	\$ -	\$ -	\$ -	\$600,000

*Description: Existing river intake pumps station (pump No. 1 and No. 2), which are used to convey flow from the Rio Grande River to Water Treatment Plant No. 1 and No. 2, are over 80 years old and are in need of replacement. Construct a new raw water pump station to replace this facility.*

### *Impact of Project:*

Project Cost Savings & Revenues: Minimal down time and minimal expenditures on parts and maintenance.

Operating Costs: N/A

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 188

*Waterline Upgrade near WTP No. 1 (on 13<sup>th</sup> Street)*

Organization: 3310 Water & Wastewater Engineering

Project Related to: Growth

Project Occurrence: One-time

Category: Carryover

Funding Source: Impact Fees

Project Considered: Load/Capacity Relief

Originator: Marie C. Leal

Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$72,068	\$ -	\$ -	\$ -	\$ -	\$72,068

*Description: Design and engineer the upgrade of approximately 1,600 linear feet of 12-inch diameter waterline to 30-inch diameter waterline along W. 13<sup>th</sup> Street from Water Treatment Plant No. 1 to West Saint Charles Street to provide optimum water pressures and services to customers and increase water distribution capacity during future peak flow demand. Note: \$72,068 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Since deteriorated AC lines typically require more maintenance/repair, there will be less maintenance costs after replacement.

Operating Costs: N/A

## PROJECT REFERENCE 189

*Martinal Area Water System Loop off of Old Port Isabel Road and FM 802 – engineering*

Organization: 3310 Water & Wastewater Engineering

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Marie C. Leal

Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$22,809	\$47,191	\$ -	\$ -	\$ -	\$70,000

*Description: Engineer the proposed waterline to close the loop within the water system between the areas of Old Port Isabel Road and Boca Chica Boulevard along FM 802. Note: \$22,809 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A



# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 190

*Tara Place, Dix Drive and Hacienda Lane Utility Improvements - engineering*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$4,431	\$ -	\$ -	\$ -	\$ -	\$4,431

*Description: Design and engineer the water utility improvements on Tara Place, Dix Drive, Hacienda Land and La Feria Road as part of the City of Brownsville's City Street Paving and Drainage Improvement Projects. Replace the existing waterlines with PVC pipe to meet BPUB standards.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

## PROJECT REFERENCE 191

*ARPA Downtown Water & Wastewater Improvement Project 2*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Grants  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$2,351,804	\$1,887,894	\$419,532	\$ -	\$ -	\$4,659,230

*Description: The City of Brownsville and the Brownsville Public Utilities Board propose updating the water utility infrastructure in the downtown area of the City. Project 2 proposes rehabilitating and upgrading approximately 2,335 linear feet of the water lines in the following areas: 10<sup>th</sup> Street between Leevee Street and Adams Street, 11<sup>th</sup> Street between Washington Street and Adams Street, 12<sup>th</sup> Street between Elizabeth Street and Washington Street, 12<sup>th</sup> Street between Adams Street and Jefferson Street, and 13<sup>th</sup> Street between Washington Street and Elizabeth Street. The project is funded from the American Rescue Plan Act.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 192

*Water Main Replacements related to City Street Paving and Drainage Improvement Projects*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$274,224	\$345,734	\$ -	\$ -	\$ -	\$619,958

*Description: The project involves replacement/upgrades of existing water mains, valves, fittings, and service connections due to City Street Reconstruction Projects.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: N/A.

## PROJECT REFERENCE 193

*FM 511 Waterline Loop (SH 48 to Boca Chica Blvd)*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Impact Fees  
Project Considered: Load/Capacity Relief  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

*Description: Design, engineer, and construct a transmission main along FM 511 to the southeastern part of the City of Brownsville. This main will connect to future BPUB and El Jardin Water Supply Corporation water systems, providing improved water pressure and allowing the system to meet future demand.*

### *Impact of Project:*

Project Cost Savings & Revenues: BPUB will receive revenues from future new service along FM 511 from State Highway 48 to Boca Chica Boulevard.

Operating Costs: N/A

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 194

*FM 511 24-inch Waterline Loop (SRWA to Old Port Isabel Rd) - engineering*

Organization: 3310 Water & Wastewater Engineering

Project Related to: Growth

Project Occurrence: One-time

Category: Carryover

Funding Source: Impact Fees

Project Considered: Load/Capacity Relief

Originator: Marie C. Leal

Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$598,278	\$ -	\$ -	\$ -	\$ -	\$598,278

*Description: This project is a segment of a 24-inch transmission waterline proposed from the SRWA Water Plant to the Port of Brownsville. The project will provide new service capabilities along FM 511 from Paredes Line Road to Dr. Hugh Emerson Road. The project increases the distribution capacity from the SRWA Water Treatment Plant to the northeast side of town in order to serve future water demand.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

## PROJECT REFERENCE 195

*City Streets Contract- Portway Place Subdivision*

Organization: 3310 Water & Wastewater Engineering

Project Related to: Replacement/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: New

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Marie C. Leal

Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$359,873	\$ -	\$ -	\$ -	\$ -	\$359,873

*Description: The project involves replacement/upgrades of existing water mains, valves, fittings and service connection in coordination with City Street Reconstruction Projects. Note: \$1,539 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: N/A

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 196

*City Streets Contract – E. 14<sup>th</sup> Street – District 1*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$200,000	\$ -	\$ -	\$ -	\$ -	\$200,000

*Description: Replace the existing waterline along E. 14<sup>th</sup> Street from Southmost Road to International Blvd with PVC pipe, valves and service laterals in coordination with the City Street Reconstruction Project. Note: \$15,430 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the waterlines.

## PROJECT REFERENCE 197

*City Streets Contract – Old Hwy 77 – District 4*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$700,000	\$ -	\$ -	\$ -	\$ -	\$700,000

*Description: Replace the existing waterline along Old Highway 77 from FM 802 to Morrison Road with PVC pipe, valves and service laterals in coordination with the City Street Reconstruction Project. Note: \$23,303 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the waterlines.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 198

*City Streets Contract – Wild Rose Lane – District 3-4*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

*Description: Replace the existing waterline along Wild Rose Lane from Wild Rose Lane to Honeydale Street with PVC pipe, valves and service laterals in coordination with the City Street Reconstruction Project.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the waterlines.

## PROJECT REFERENCE 199

*City Streets Contract – Stage Coach Trail – District 3*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$75,000	\$ -	\$ -	\$ -	\$ -	\$75,000

*Description: Replace the existing waterline along Stage Coach Trail from Alton Gloor Blvd to Morrison Road with PVC pipe, valves and service laterals in coordination with the City Street Reconstruction Project.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the waterlines.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 200

*City Streets Contract – Coffee Road – District 2 & 3*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,000	\$260,000	\$ -	\$ -	\$ -	\$360,000

*Description: Replace the existing waterline along Coffee Road from FM 802 to Old Port Isabel Road with PVC pipe, valves and service laterals in coordination with the City Street Reconstruction Project.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the waterlines.

## PROJECT REFERENCE 201

*City Streets Contract – Old Alice Road – District 3*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,000	\$350,000	\$ -	\$ -	\$ -	\$450,000

*Description: Replace the existing waterline along Old Alice Road from FM 802 to US Highway 77 with PVC pipe, valves and service laterals in coordination with the City Street Reconstruction Project.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the waterlines.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 202

*Raw Water Reservoir Dredging Project – Engineering*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Load/Capacity Relief  
Originator: Marie C. Leal  
Utility Function: Water Supply

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

*Description: Engineer increasing the water storage capacity of the main raw water reservoir, including dredging the accumulated silt / sludge currently in the reservoir.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.  
Operating Costs: N/A.

## PROJECT REFERENCE 203

*Military Hwy (US281) - 16-inch Diameter Waterline Pressure Booster and Chlorination Station - Engineering and Construction*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacement/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$300,000	\$ -	\$ -	\$ -	\$ -	\$300,000

*Description: Design, engineer and construct a pressure booster and chlorination station for the existing 16-inch diameter waterline along Military Highway (US281) to improve water pressures and chlorine residuals.*

### *Impact of Project:*

Project Cost Savings & Revenues: Increased water pressure allows connection of additional residential and possibly wholesale customers in the River Bend and northwest service areas.  
Operating Costs: Routine maintenance of waterlines.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 206

*16-inch Waterline Loop from Lago Vista to W. Alton Gloor Blvd*

Organization: 7125 Real Estate  
Project Related to: Growth  
Project Occurrence: One-time  
Category: New

Funding Source: Impact Fees  
Project Considered: Must Do  
Originator: Jesus Alfaro  
Utility Function: Water Transmission & Distribution

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

*Description: Survey and acquire the easements needed to expand the existing 16-inch water transmission line from Lago Vista Subdivision to West Alton Gloor Blvd.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.  
Operating Costs: N/A

## PROJECT REFERENCE 209

*Advanced Metering Infrastructure (AMI) - Water*

Organization: 7130 Enterprise Solutions  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Improvement  
Project Considered: General  
Originator: Eddy Hernandez  
Utility Function: Water Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$561,294	\$5,984,193	\$5,933,040	\$ -	\$ -	\$12,478,527

*Description: BPUB will optimize meter reading service operational efficiency and water use-efficiency efforts through the procurement and installation of AMI technology. The scope of work for the project includes: materials, supervision, installation, retrofitting and replacing 55,369 water meters, on-going maintenance and customer support service for an AMI system, a customer facing portal and integration to Cayenta billing software. Note: \$561,294 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Less frequent on-cycle meter reads and disconnect/reconnects will reduce labor and vehicle related costs (vehicle, fuel, insurance, maintenance).  
Operating Costs: N/A



# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 210

*Advanced Metering Infrastructure (AMI) - Water*

Organization: 7130 Enterprise Solutions  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Grants  
Project Considered: General  
Originator: Eddy Hernandez  
Utility Function: Water Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$5,000,000	\$ -	\$ -	\$ -	\$ -	\$5,000,000

*Description: BPUB will optimize meter reading service operational efficiency and water use-efficiency efforts through the procurement and installation of AMI technology. The scope of work for the project includes: materials, supervision, installation, retrofitting and replacing 55,369 water meters, on-going maintenance and customer support service for an AMI system, a customer facing portal and integration to Cayenta billing software. The U.S. Department of the Interior awarded the grant for this project.*

### *Impact of Project:*

Project Cost Savings & Revenues: Less frequent on-cycle meter reads and disconnect/reconnects will reduce labor and vehicle related costs (vehicle, fuel, insurance, maintenance).

Operating Costs: N/A

## PROJECT REFERENCE 213

*Carryover Capital Equipment*

Organization: 9110 Company-wide Expenses  
Project Related to: General  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Company wide  
Utility Function: Water Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$436,447	\$ -	\$ -	\$ -	\$ -	\$436,447

*Description: This line item is the budget for the carryover capital equipment for the water utility. The budget includes purchases of vehicles and other equipment. Note: \$436,447 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 214

### *Estimated Capital Equipment*

Organization: 9110 Company-wide Expenses  
Project Related to: Growth  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Water Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$456,747	\$ -	\$ -	\$ -	\$ -	\$456,747

*Description: This line item is the approved budget for capital equipment for the water utility. The budget includes purchases of vehicles and other equipment.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

## PROJECT REFERENCE 215

### *Carryover Capital Equipment - Resaca*

Organization: 3135 Resaca Maintenance  
Project Related to: General  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Resaca Fee CIP  
Project Considered: Must Do  
Originator: Company wide  
Utility Function: Water Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$349,315	\$ -	\$ -	\$ -	\$ -	\$349,315

*Description: This line item is the budget for the carryover capital equipment for the Resaca Maintenance Department. The budget includes purchases of vehicles and other equipment. Note: \$349,315 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 216

*New Capital Equipment - Resaca*

Organization: 3135 Resaca Maintenance  
Project Related to: General  
Project Occurrence: One-time  
Category: New

Funding Source: Resaca Fee CIP  
Project Considered: Must Do  
Originator: Company wide  
Utility Function: Water Administration

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$1,071,552	\$ -	\$ -	\$ -	\$ -	\$1,071,552

*Description: This line item is the budget for new capital equipment for the Resaca Maintenance Department. The budget includes purchases of vehicles and other equipment.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

## PROJECT REFERENCE 221

*Lift Station Electrical Upgrades – 10 Lift Stations*

Organization: 2210 SCADA & Electrical Support Services  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Elias Quintero Jr.  
Utility Function: Wastewater Administration

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$180,000	\$180,000	\$ -	\$ -	\$ -	\$360,000

*Description: After an internal assessment of the wastewater lift stations' electrical system, 10 lift stations were identified that require immediate electrical upgrades to minimize service calls and meet the latest National Fire Protection Association standards for electrical safety. Upgrade the electrical systems of 10 each wastewater lift stations by replacing the existing motor control systems.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 222

### *Lift Station Electrical Safety Upgrades*

Organization: 2210 SCADA & Electrical Support Services  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Elias Quintero Jr.  
Utility Function: Wastewater Administration

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$150,000	\$210,000	\$312,000	\$ -	\$ -	\$672,000

*Description: Modify the motor control panels for all wastewater lift stations to provide an arc flash free access to personnel for daily tests and inspections. In addition, purchase and install security lights for all lift stations that do not currently have lighting.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

## PROJECT REFERENCE 223

### *W/WW SCADA Lift Station Integration*

Organization: 2210 SCADA & Electrical Support Services  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Commercial Paper  
Project Considered: Reliability  
Originator: Elias Quintero Jr.  
Utility Function: Wastewater Collection

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$ -	\$80,000	\$152,000	\$116,000	\$ -	\$348,000

*Description: The scope of work involves integrating 15 total wastewater lift stations into the existing SCADA System, allowing personnel the ability to monitor the station remotely and be able to respond to process conditions in preventive rather than reactive mode.*

### *Impact of Project:*

Project Cost Savings & Revenues: Integration will identify trouble conditions in the Lift Stations without having to have someone physically inspect the station. Any trip that is avoided to any particular lift station will save in labor and transportation costs.

Operating Costs: Costs for routine for maintenance will continue for the life of the equipment, which has an average useful life of 5 to 8 years.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 226

*TXDOT - International Blvd (SH48) Wastewater Utility Adjustments and Manhole Rehabilitation Phase I (from Expwy I69E to Southmost Blvd)*

Organization: 3150 W/WW Operations & Construction  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Francisco Valdez Jr  
Utility Function: Wastewater Collection

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$125,000	\$ -	\$ -	\$ -	\$ -	\$125,000

*Description: This project accounts for BPUB costs to implement wastewater new connections to future customers requesting service. Note: \$130,493 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Work effort adds additional connections to the system.

Operating Costs: N/A

## PROJECT REFERENCE 229

*Wastewater New Connections and New Subdivisions*

Organization: 3155 W/WW Operations & Maintenance  
Project Related to: Growth  
Project Occurrence: Recurring  
Category: Routine

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Jose G. Garza Jr  
Utility Function: Wastewater Collection

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$750,974	\$450,000	\$450,000	\$450,000	\$450,000	\$2,550,974

*Description: This project accounts for BPUB costs to implement wastewater new connections to future customers requesting service. Note: \$270,977 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Work effort adds additional connections to the system.

Operating Costs: N/A

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 232

*Belt Filter Press – engineering (Packet 4)*

Organization: 3210 South Wastewater Treatment Plant      Funding Source: Improvement  
Project Related to: Replacements/Upgrades/Rehabilitation      Project Considered: Reliability  
Project Occurrence: One-time      Originator: Louis Bennett Jr  
Category: Carryover      Utility Function: Wastewater Treatment

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$17,055	\$ -	\$ -	\$ -	\$ -	\$17,055

*Description: Engineer the design and specifications for the rehabilitation of the existing belt filter press by purchasing and installing a new belt filter press to meet TCEQ requirements. Note: \$17,055 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

## PROJECT REFERENCE 233

*Non-Potable Water Pump and Motor No. 1 – engineering (Packet 4)*

Organization: 3210 South Wastewater Treatment Plant      Funding Source: Improvement  
Project Related to: Replacements/Upgrades/Rehabilitation      Project Considered: Reliability  
Project Occurrence: One-time      Originator: Louis Bennett Jr  
Category: Carryover      Utility Function: Wastewater Treatment

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$18,357	\$ -	\$ -	\$ -	\$ -	\$18,357

*Description: Engineer the design and specifications for the rehabilitation and upgrade of the non-potable water pump and motor no. 1. Note: \$18,357 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 234

*Chlorine Contact Chamber Sluice Gate Replacement Project – engineering and construction*

Organization: 3210 South Wastewater Treatment Plant      Funding Source: Improvement  
Project Related to: Replacements/Upgrades/Rehabilitation      Project Considered: Reliability  
Project Occurrence: One-time      Originator: Louis Bennett Jr  
Category: Carryover      Utility Function: Wastewater Treatment

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$373,839	\$ -	\$ -	\$ -	\$ -	\$373,839

*Description: Replace four sluice gates at the Chlorine Contact Chamber Station area. Existing gates were installed behind the wall; and the head pressure is pushing against the sluice gates, making it difficult to open and close. Sluice gate shafts are warped, and gates remain leaking when closed. Design, engineer and install new sluice gates with new valve actuators and back-up batteries. Note: \$373,839 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: New replacement sluice gates and actuators will improve chlorine contact changer station efficiency, allowing the treatment plant process to respond with better treatment capabilities, resulting in lower cost for treatment per million gallons processed.

Operating Costs: Annual preventative maintenance and lubrication, as recommended by the manufacturer.

## PROJECT REFERENCE 235

*SWWTP Improvements - Headworks Grit System Upgrade and Retrofit – engineering and construction  
Board-approved on 10/29/2020*

Organization: 3210 South Wastewater Treatment Plant      Funding Source: Improvement  
Project Related to: Replacements/Upgrades/Rehabilitation      Project Considered: Reliability  
Project Occurrence: One-time      Originator: Louis Bennett Jr  
Category: Carryover      Utility Function: Wastewater Treatment

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$565,161	\$ -	\$ -	\$ -	\$ -	\$565,161

*Description: The headworks grit system is outdated and exceeded its life expectancy, impacting the grit/sedimentation removal capabilities. Design, engineer and replace the existing outdated grit system to a more efficient grit removal system. Note: \$565,161 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Upgrading the grit removal system will improve efficiency, allowing the treatment plant process to respond with better treatment capabilities, resulting in lower costs for treatment per million gallons processed.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 236

*Three (3) New 25 Yard Bio-Solids Metal Roll-off Bins*

Organization: 3210 South Wastewater Treatment Plant  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Louis Bennett Jr  
Utility Function: Wastewater Treatment

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$35,755	\$ -	\$ -	\$ -	\$ -	\$35,755

*Description: The existing roll-off bins transport dewatered bio-solids from the treatment plant to the Dedicated Land Disposal site. The metal bins are exposed to the harsh environment and corrosive material, which promotes rust issues that are the main cause of repairs. The bins have constantly undergone multiple repairs regarding partial metal restoration, wheel replacement, walls and floors lining reinforcement and painting. Purchase to replace 3 existing units.*

### *Impact of Project:*

Project Cost Savings & Revenues: Repair costs will be minimized during the first 2 or 3 years of use.

Operating Costs: Costs for routine for maintenance will continue for the life of the equipment.

## PROJECT REFERENCE 239

*Turbo Blower Upgrades – Phase I (Packet 3) engineering*

Organization: 3220 Robindale Wastewater Treatment Plant  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Louis Bennett Jr  
Utility Function: Wastewater Treatment

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$179,366	\$ -	\$ -	\$ -	\$ -	\$179,366

*Description: The current turbo blower system was installed in 2012. Each blower houses a VFD and motor that generates excessive heat during operation. At the same time, the existing turbo blowers building has inadequate air flow, impacting the turbo blowers' performance due to the high temperatures. Engineer the replacement and upgrade of the existing aerobic digester blower system with multi-stage centrifugal blowers. Note: \$179,366 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A

Operating Costs: N/A.



# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 240

*Turbo Blower Upgrades Phase I (Packet 3) – construction*

Organization: 3220 Robindale Wastewater Treatment Plant  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Commercial Paper  
Project Considered: Reliability  
Originator: Louis Bennett Jr  
Utility Function: Wastewater Treatment

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$2,809,903	\$ -	\$ -	\$ -	\$ -	\$2,809,903

*Description: Remove and upgrade of the existing aerobic digester blower system with multi-stage centrifugal blowers. Note: \$2,809,903 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The proposed new aerobic digester blowers will improve efficiency allowing the treatment plant process to respond with better treatment capabilities, resulting in a lower cost for treatment per million gallons processed.

Operating Costs: Annual preventative maintenance and lubrication, as recommended by the manufacturer.

## PROJECT REFERENCE 241

*Non-Potable Water System Upgrade (Packet 4) – engineering*

Organization: 3220 Robindale Wastewater Treatment Plant  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Louis Bennett Jr  
Utility Function: Wastewater Treatment

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$22,018	\$ -	\$ -	\$ -	\$ -	\$22,018

*Description: The existing non-potable water system is over 25 years old. Design and engineer the rehabilitation of the existing hydro pneumatic tank and air compressor system and the replacement of the non-potable pumps and distribution lines throughout the plant. Note: \$22,018 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Proper operation of non-potable water system will significantly cut down the use and increase savings in water consumption cost.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 242

*Rehabilitation of Vacuum Truck Unloading Station – engineering and construction*

Organization: 3220 Robindale Wastewater Treatment Plant      Funding Source: Commercial Paper  
Project Related to: Replacements/Upgrades/Rehabilitation      Project Considered: Reliability  
Project Occurrence: One-time      Originator: Louis Bennett Jr  
Category: Carryover      Utility Function: Wastewater Treatment

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$390,762	\$ -	\$ -	\$ -	\$ -	\$390,762

*Description: The existing vacuum truck unloading station has limited capacity and needs dewatering improvements. Retrofit the station to allow vacuum trucks to unload properly onto the station without over spilling sewage onto the concrete drive. Note: \$390,762 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Reduce man hours used for cleaning over spills at the existing station.

Operating Costs: Costs for routine maintenance and lubrication will continue, as recommended by the manufacturer.

## PROJECT REFERENCE 243

*Four Torque Valve Actuators for the Train Inlet Isolation Valves – engineering*

Organization: 3220 Robindale Wastewater Treatment Plant      Funding Source: Commercial Paper  
Project Related to: Replacements/Upgrades/Rehabilitation      Project Considered: Reliability  
Project Occurrence: One-time      Originator: Louis Bennett Jr  
Category: Carryover      Utility Function: Wastewater Treatment

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$22,951	\$ -	\$ -	\$ -	\$ -	\$22,951

*Description: The project consists design and engineering to retrofit four electrical actuating valves and flow transmitter to the existing 36-inch gate valves located between the biological trains. Note: \$22,951 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Valve actuators replacement will result in time savings, allowing staff to increase productivity.

Operating Costs: Costs for routine maintenance and lubrication will continue, as recommended by the manufacturer.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 244

### *Recycle Pump*

Organization: 3220 Robindale Wastewater Treatment Plant  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Louis Bennett Jr  
Utility Function: Wastewater Treatment

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$29,166	\$ -	\$ -	\$ -	\$ -	\$29,166

*Description: Existing recycle pump is 10 years old and exceeded its life expectancy. Replace the existing pump with a new unit.*

### *Impact of Project:*

Project Cost Savings & Revenues: The new pump will improve efficiency, allowing the treatment process to respond with improved treatment capabilities, resulting in lower cost for treatment per million gallons processed.

Operating Costs: Costs for routine maintenance and lubrication will continue, as recommended by the manufacturer.

## PROJECT REFERENCE 245

### *Mixer Pump*

Organization: 3220 Robindale Wastewater Treatment Plant  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Louis Bennett Jr  
Utility Function: Wastewater Treatment

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$74,471	\$ -	\$ -	\$ -	\$ -	\$74,471

*Description: Existing mixer pump is 10 years old and exceeded its life expectancy. Replace the existing pump with a new unit.*

### *Impact of Project:*

Project Cost Savings & Revenues: The new pump will improve efficiency, allowing the treatment process to respond with improved treatment capabilities, resulting in lower cost for treatment per million gallons processed.

Operating Costs: Costs for routine maintenance and lubrication will continue, as recommended by the manufacturer.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 248

### *Lift Station No. 90 Pump Replacements*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover and Resubmission

Funding Source: Improvement

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$72,268	\$ -	\$ -	\$ -	\$ -	\$72,268

*Description: Existing pumps have been in service for 15 years. Replace two each existing pumps for new units. Note: \$72,268 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: Costs for routine maintenance will continue, as recommended by the manufacturer.

## PROJECT REFERENCE 249

### *Lift Station Systemwide Fence Replacements*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Improvement and Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Administration

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$200,000	\$ -	\$ -	\$ -	\$ -	\$200,000

*Description: The Wastewater Lift Stations Department personnel identified various lift stations that need fence replacements. Purchase and install new fencing to replace existing fencing at lift stations throughout the City of Brownsville. Note: \$106,018 is funded from the Improvement Fund; \$93,982 is funded from Commercial Paper.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 250

*Lift Station No. 9 Pump Rehabilitation – engineering (Packet No. 1) and construction*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$307,793	\$1,000,000	\$427,598	\$ -	\$ -	\$1,735,391

*Description: Existing pumps are at the end-of-life cycle and unreliable. New pumps will be submersible and non-clog. Also, rehabilitate Lift Station No. 9 by replacing the pump and corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$307,793 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

## PROJECT REFERENCE 251

*Lift Station No. 10 Rehabilitation – engineering (Packet 2) and construction*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$636,600	\$152,900	\$ -	\$ -	\$ -	\$789,500

*Description: Rehabilitate Lift Station No. 10 by replacing the wet well, corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$636,600 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 252

*Lift Station No. 11 Rehabilitation – engineering (Packet 2) and construction*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$563,498	\$ -	\$ -	\$ -	\$ -	\$563,498

*Description: Rehabilitate Lift Station No. 11 by replacing the wet well, corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$563,498 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

## PROJECT REFERENCE 253

*Lift Station No. 15 Rehabilitation – engineering (Packet 2) and construction*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$1,000,000	\$927,072	\$ -	\$ -	\$ -	\$1,927,072

*Description: Lift station is beyond its service life. Its structural, mechanical, and electronic condition has deteriorated and has made the lift station unsafe, unreliable, and inefficient. Lift station's discharge piping, pump base ells, and valves are corroded. Concrete structures such as the wet well are obsolete and in poor condition. Electrical components such as the pump controls are obsolete and unreliable. Other aspects of the lift station site also need safety, security, and accessibility improvements to bring the lift station into compliance with current specifications and regulations. Note: \$664,059 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: With less hydrogen sulfide gas generation, there will be less odor control necessary, thereby generating savings in that area.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 254

*Lift Station No. 17 Rehabilitation – engineering (Packet 1) and construction*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$90,528	\$ -	\$ -	\$ -	\$ -	\$90,528

*Description: Lift station is beyond its service life. Its structural, mechanical, and electronic condition has deteriorated and has made the lift station unsafe, unreliable, and inefficient. Lift station's discharge piping, pump base ells, and valves are corroded. Concrete structures such as the wet well are obsolete and in poor condition. Electrical components such as the pump controls are obsolete and unreliable. Other aspects of the lift station site also need safety, security, and accessibility improvements, such as a new perimeter fence and entrance driveway, to bring the lift station into compliance with current specifications and regulations. Note: \$15,528 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

## PROJECT REFERENCE 255

*Lift Station No. 28 Rehabilitation – engineering (Packet 1)*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$25,972	\$ -	\$ -	\$ -	\$ -	\$25,972

*Description: Rehabilitate the lift station, including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls; and installation of new perimeter fence and concrete driveway. Note: \$25,972 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 256

*Lift Station No. 43 Rehabilitation – engineering (Packet 1) and construction*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$537,498	\$ -	\$ -	\$ -	\$ -	\$537,498

*Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$537,498 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

## PROJECT REFERENCE 257

*Lift Station No. 47 Rehabilitation – engineering (Packet 2) and construction*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$434,346	\$258,857	\$ -	\$ -	\$ -	\$693,203

*Description: Lift station is beyond its service life. Its structural, mechanical, and electrical condition has deteriorated and made the lift station unsafe, unreliable, and inefficient. The discharge piping, pump base ells, and valves have corroded. Concrete structures such as its wet well are obsolete and in poor condition. Electrical components such as the pump controls are obsolete and unreliable. Other aspects of the lift station site also need safety, security, and accessibility improvements to bring the lift station into compliance with current specifications and regulations. Note: \$434,346 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.



# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 258

*Lift Station No. 51 Rehabilitation – engineering (Packet 2) and construction*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

*Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$100,000 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

## PROJECT REFERENCE 259

*Lift Station No. 58 Rehabilitation – engineering (Packet 1)*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$28,955	\$ -	\$ -	\$ -	\$ -	\$28,955

*Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$28,955 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 260

*Lift Station No. 63 Rehabilitation – engineering (Packet 2) and construction*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$822,707	\$600,000	\$ -	\$ -	\$ -	\$1,422,707

*Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Also, replace the motor control center (MCC) building and electrical pump control. Land acquisition is necessary to relocate MCC building away from existing wet well to prevent hydrogen sulfide from entering the building. Note: \$54,286 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

## PROJECT REFERENCE 261

*Lift Station No. 65 B Pump Replacement*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$82,000	\$40,000	\$ -	\$ -	\$ -	\$122,000

*Description: Replace the existing pump with a new submersible wastewater non-clog pump.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 262

*Lift Station No. 67 Rehabilitation – engineering (Packet 2)*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

*Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$100,000 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

## PROJECT REFERENCE 263

*Lift Station No. 68 Rehabilitation – engineering and construction*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$75,000	\$600,000	\$ -	\$ -	\$ -	\$675,000

*Description: Lift station is beyond its service life. Lift station's discharge piping, pump base ells, and valves have corroded. Concrete structures such as the wet well are obsolete and in poor condition. Electrical components such as the pump controls are obsolete and unreliable. Other aspects of the lift station site also need safety, security, and accessibility improvements to bring the lift station into compliance with current specifications and regulations.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 264

*Lift Station No. 69 Rehabilitation – engineering and construction*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$18,347	\$ -	\$ -	\$ -	\$ -	\$18,347

*Description: Lift station is beyond its service life. Lift station's discharge piping, pump base ells, and valves are corroded. Concrete structures such as the wet well are obsolete and in poor condition. Electrical components such as the pump controls are obsolete and unreliable. Other aspects of the lift station site also need safety, security, and accessibility improvements to bring the lift station into compliance with current specifications and regulations. Note: \$18,347 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

## PROJECT REFERENCE 265

*Lift Station No. 72 Rehabilitation – engineering (Packet No. 1) and construction*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Resubmission

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$781,899	\$781,899	\$ -	\$ -	\$ -	\$1,563,798

*Description: Lift station is beyond its service life. Its structural, mechanical, and electrical condition has deteriorated and has made the lift station unsafe, unreliable, and inefficient. Lift station's discharge piping, pump base ells, and valves are corroded. Concrete structures such as the wet well are obsolete and in poor condition. Electrical components such as the pump controls are obsolete and unreliable. Other aspects of the lift station site also need safety, security, and accessibility improvements, such as perimeter fence and entrance driveway, to bring the lift station into compliance with current specifications and regulations. Note: \$21,922 is the FY 2023 carryover amount*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 266

*Lift Station No. 80 Rehabilitation – engineering (Packet 2)*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$31,083	\$ -	\$ -	\$ -	\$ -	\$31,083

*Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$31,083 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

## PROJECT REFERENCE 267

*Lift Station No. 89 Rehabilitation – engineering (Packet 2)*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$25,972	\$ -	\$ -	\$ -	\$ -	\$25,972

*Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$25,972 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 268

*Lift Station No. 95 Rehabilitation – engineering (Packet 1)*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$25,972	\$ -	\$ -	\$ -	\$ -	\$25,972

*Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$25,972 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

## PROJECT REFERENCE 269

*Lift Station No. 96 Rehabilitation – engineering (Packet 1)*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$25,972	\$ -	\$ -	\$ -	\$ -	\$25,972

*Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$25,972 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 270

*Lift Station No. 99 Rehabilitation – engineering (Packet 1)*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$25,972	\$ -	\$ -	\$ -	\$ -	\$25,972

*Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$25,972 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

## PROJECT REFERENCE 271

*Lift Station No. 101 Rehabilitation – engineering (Packet 2)*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$36,264	\$ -	\$ -	\$ -	\$ -	\$36,264

*Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$36,264 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 272

*Lift Station No. 105 Rehabilitation – engineering (Packet 2)*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$335,837	\$ -	\$ -	\$ -	\$ -	\$335,837

*Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$335,837 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

## PROJECT REFERENCE 273

*Lift Station No. 106 Rehabilitation – engineering (Packet 2)*

Organization: 3230 Wastewater Lift Stations

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Hector Herrera Jr

Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$15,855	\$ -	\$ -	\$ -	\$ -	\$15,855

*Description: Rehabilitate the lift station including: wet well rehabilitation/replacement; replacement of corroded piping, fittings, valves, pumps, pump base ells, guide rails, wet well hatch, and electrical controls. Note: \$15,855 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.



# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 274

*Lift Station No. 140 Rehabilitation – engineering (Packet 1) and construction*

Organization: 3230 Wastewater Lift Stations  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Commercial Paper  
Project Considered: Load/Capacity Relief  
Originator: Hector Herrera Jr  
Utility Function: Wastewater Pumping

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$633,370	\$ -	\$ -	\$ -	\$ -	\$633,370

*Description: Upgrade Lift Station No. 140's capacity to accommodate projected wastewater demand by replacing the wet well, mechanical components and electrical components. Note: \$416,835 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The project's completion will yield O&M cost savings.

Operating Costs: N/A.

## PROJECT REFERENCE 277

*Avenida de la Plata, Elsa Street, Marvis Street and San Pedro Lane Wastewater Utility Improvements - Engineering*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$19,114	\$ -	\$ -	\$ -	\$ -	\$19,114

*Description: The project involves engineering and design of the replacement/upgrades of existing water mains, valves, fittings, and service connections due to City Street Reconstruction Projects. Note: \$18,730 is the FY 2023 carryover amount from the Improvement Fund.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure will reduce system breakdowns occurrences and O&M costs.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 278

*Avenida de la Plata, Elsa Street, Marvis Street and San Pedro Lane Wastewater Utility Improvements*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$664,961	\$ -	\$ -	\$ -	\$ -	\$664,961

*Description: The project involves replacement/upgrades of existing water mains, valves, fittings, and service connections due to City Street Reconstruction Projects. Note: \$664,961 is the FY 2023 carryover amount from the Improvement Fund.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure will reduce system breakdowns occurrences and O&M costs.

Operating Costs: N/A.

## PROJECT REFERENCE 279

*Calvin Street Wastewater Utility Improvements – engineering and construction*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$89,476	\$ -	\$ -	\$ -	\$ -	\$89,476

*Description: The project involves replacement/upgrades of existing water mains, valves, fittings, and service connections due to City Street Reconstruction Projects. Note: \$10,724 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure will reduce system breakdowns occurrences and O&M costs.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 280

*Portway Place Subdivision Wastewater Utility Improvements*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$309,277	\$ -	\$ -	\$ -	\$ -	\$309,277

*Description: The project involves replacement of gravity sanitary sewer collection system with PVC pipe, fiberglass manholes and service laterals in coordination with City Street Reconstruction Projects.*

*Note: \$100,000 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure will reduce system breakdowns occurrences and O&M costs.

Operating Costs: N/A.

## PROJECT REFERENCE 281

*COB Contract No. 3 at Jose Marti Blvd, Calle Buenos Aires, Calle Costa Rica and Calle Nortena Wastewater Utility Improvements*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$792,781	\$ -	\$ -	\$ -	\$ -	\$792,781

*Description: The project involves replacement of gravity sanitary sewer collections system with PVC pipe, fiberglass manholes and service laterals in coordination with City Street Reconstruction Projects.*

*Note: \$274,503 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure will reduce system breakdowns occurrences and O&M costs.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 282

### *2020 Master Plan*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Commercial Paper  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$519,360	\$ -	\$ -	\$ -	\$ -	\$519,360

*Description: Evaluate the existing sanitary sewer collection system in order to identify operating deficiencies and provide optimization recommendations. Note: \$519,360 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: The Master Plan may potentially identify new areas for additional connections to the sanitary sewer collection system, providing more reliable infrastructure.

Operating Costs: Normal maintenance expected for the waterlines.

## PROJECT REFERENCE 283

### *Owens Road Bridge Utility Adjustments (Phase I) – Engineering*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$84,941	\$ -	\$ -	\$ -	\$ -	\$84,941

*Description: The project involves the removal, replacement and adjustment of the existing wastewater utilities within a proposed TXDOT bridge expansion project on Owens Road. Note: \$84,941 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of infrastructure will improve system collection reliability and reduce system breakdowns occurrences.

Operating Costs: Normal maintenance costs are expected.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 284

*Owens Road Bridge Utility Adjustments (Phase II) – Engineering and Construction*

Organization: 3310 Water & Wastewater Engineering

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: New

Funding Source: Improvement

Project Considered: Must Do

Originator: Marie C. Leal

Utility Function: Wastewater Collection

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$290,000	\$ -	\$ -	\$ -	\$ -	\$290,000

*Description: The project will replace the wastewater and force main utilities on Owens Road Bridge as part of a TXDOT off-system replacement project in conjunction with the City of Brownsville. All replacement wastewater work will meet BPUB Standards.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of infrastructure will improve system collection reliability and reduce system breakdowns occurrences.

Operating Costs: Normal maintenance costs are expected.

## PROJECT REFERENCE 285

*Owens Road Bridge Utility Adjustments (Phase I) – Construction*

Organization: 3310 Water & Wastewater Engineering

Project Related to: Replacements/Upgrades/Rehabilitation

Project Occurrence: One-time

Category: Carryover

Funding Source: Commercial Paper

Project Considered: Must Do

Originator: Marie C. Leal

Utility Function: Wastewater Collection

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$250,000	\$ -	\$ -	\$ -	\$ -	\$250,000

*Description: The project will replace the wastewater and force main utilities on Owens Road Bridge as part of a TXDOT off-system replacement project in conjunction with the City of Brownsville. All replacement wastewater work will meet BPUB Standards.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of infrastructure will improve system collection reliability and reduce system breakdowns occurrences.

Operating Costs: Normal maintenance costs are expected.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 286

*Palm Village Utility Improvements – engineering*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacement/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$57,793	\$ -	\$ -	\$ -	\$ -	\$57,793

*Description: Design and engineering of proposed utility improvements at the Palm Village Plaza between Palm Boulevard and Old Alice Road. The project involves the replacement of the gravity sewer collection system with PVC pipe, fiberglass manholes and service laterals. Note: \$57,793 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

## PROJECT REFERENCE 287

*Rentfro Blvd Utility Improvements – engineering*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacement/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Reliability  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$42,457	\$ -	\$ -	\$ -	\$ -	\$42,457

*Description: Design and engineer the proposed utility improvements at Rentfro Boulevard between Eastern Boulevard and Shidler Drive. The project involves the replacement of the gravity sewer collection system with PVC pipe, fiberglass manholes and service laterals. Note: \$42,457 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 288

### *North Regional Lift Stations and Force Main System - Phase 1*

Organization: 3230 Wastewater Lift Stations  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Impact Fees  
Project Considered: Load/Capacity Relief  
Originator: Marie C. Leal  
Utility Function: Wastewater Pumping

#### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$1,000,000	\$2,000,000	\$2,000,000	\$ -	\$ -	\$5,000,000

*Description: Wastewater flow from BPUB's northwest service areas is currently bottlenecked through a series of force mains and lift stations along major arterials that serve other areas and were not designed/sized to serve the northwest. These force mains and lift stations are overloaded and cannot accommodate any more flow from additional growth. The North Regional Lift Stations and Force Main System project includes construction of four regional lift stations and a major trunk force main across the north side of BPUB's service area connecting the system directly to the Robindale Wastewater Treatment Plant. Note: \$760,633 is the FY 2023 carryover amount.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

## PROJECT REFERENCE 289

### *ARPA Downtown Water & Wastewater Improvement Project 1*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Grants  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$3,052,158	\$2,397,344	\$532,742	\$ -	\$ -	\$5,982,244

*Description: The City of Brownsville and the Brownsville Public Utilities Board propose updating the wastewater utility infrastructure in the downtown area of the City. This project proposes rehabilitating and upgrading the wastewater lines in the following areas: the alleyways along E. Levee Street and E. Saint Francis Street, E. 11<sup>th</sup> Street, alleyway along E. Elizabeth Street and E. Levee Street, and 10<sup>th</sup> Street between Levee Street and Elizabeth Street. The project is funded from the American Rescue Plan Act. Note: \$654,814 is the FY 2023 carryover amount.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 290

*ARPA Downtown Water & Wastewater Improvement Project 2*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Grants  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$3,086,260	\$2,397,344	\$532,742	\$ -	\$ -	\$6,016,346

*Description: The City of Brownsville and the Brownsville Public Utilities Board propose updating the wastewater utility infrastructure in the downtown area of the City. This project proposes rehabilitating and upgrading the wastewater lines in the following areas: 10<sup>th</sup> Street between Levee Street and Adams Street, 11<sup>th</sup> Street between Washington Street and Adams Street, 12<sup>th</sup> Street between Elizabeth Street and Washington Street, 12<sup>th</sup> Street between Adams Street and Jefferson Street, and 13<sup>th</sup> Street between Washington Street and Elizabeth Street. The project is funded from the American Rescue Plan Act. Note: \$688,916 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A

## PROJECT REFERENCE 291

*South Colonias Project – design and engineering*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Impact Fees  
Project Considered: Load/Capacity Relief  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$125,000	\$ -	\$ -	\$ -	\$ -	\$125,000

*Description: This project is for the design of the wastewater collections systems of first-time sewer services to various colonias in the south areas of Brownsville. Note: \$125,000 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.



# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 292

*North Colonias Project – design and engineering*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Growth  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Impact Fees  
Project Considered: Load/Capacity Relief  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$125,000	\$ -	\$ -	\$ -	\$ -	\$125,000

*Description: This project is design and engineering for the construction and addition of first-time sewer services to various colonias in the north areas of Brownsville. Note: \$125,000 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

## PROJECT REFERENCE 293

*Sewer Replacements related to the City Street Paving and Drainage Improvement Projects*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Improvement  
Project Considered: General  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,000	\$100,000	\$ -	\$ -	\$ -	\$200,000

*Description: The project involves replacement/upgrades of existing water mains, valves, fittings, and service connections due to the City Street Reconstruction Five-Year Plan.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and O&M costs.

Operating Costs: N/A.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 294

*City Streets Contract – E. 14<sup>th</sup> Street – District 1*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$150,000	\$200,000	\$ -	\$ -	\$ -	\$350,000

*Description: Replace the existing gravity sewer collection along E. 14<sup>th</sup> Street from Southmost Road to International Blvd with PVC pipe, fiberglass manholes and service laterals in coordination with the City Street Reconstruction Project. Note: \$15,430 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the wastewater lines.

## PROJECT REFERENCE 295

*City Streets Contract – Old Hwy 77 – District 4 – engineering and construction*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$823,303	\$ -	\$ -	\$ -	\$ -	\$823,303

*Description: Replace the existing gravity sewer collection system along Old Highway 77 from FM 802 to Morrison Road with PVC pipe, fiberglass manholes and service laterals in coordination with the City Street Reconstruction Project. Note: \$23,303 is the FY 2023 carryover amount.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the wastewater lines.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 296

*City Streets Contract – Wild Rose Lane – District 3 & 4*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

*Description: Replace the existing gravity sewer collection system along Wild Rose Lane from Wild Rose Lane to Honeydale Street with PVC pipe, fiberglass manholes and service laterals in coordination with the City Street Reconstruction Project.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the wastewater lines.

## PROJECT REFERENCE 297

*City Streets Contract – Stage Coach Trail – District 3*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$75,000	\$ -	\$ -	\$ -	\$ -	\$75,000

*Description: Replace the existing gravity sewer collection along Stage Coach Trail from Alton Gloor Blvd to Morrison Road with PVC pipe, fiberglass manholes and service laterals in coordination with the City Street Reconstruction Project.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the wastewater lines.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 298

*City Streets Contract – Coffee Road – District 2 & 3*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

*Description: Replace the existing gravity sewer collection along Coffee Road from FM 802 to Old Port Isabel Road with PVC pipe, fiberglass manholes and service laterals in coordination with the City Street Reconstruction Project.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the wastewater lines.

## PROJECT REFERENCE 299

*City Streets Contract – Old Alice Road – District 3*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Resubmission

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$100,000	\$ -	\$ -	\$ -	\$ -	\$100,000

*Description: Replace the existing gravity sewer collection along Old Alice Road from FM 802 to US Highway 77 with PVC pipe, fiberglass and service laterals in coordination with the City Street Reconstruction Project.*

### *Impact of Project:*

Project Cost Savings & Revenues: Replacement of degraded infrastructure is expected to reduce system breakdowns and maintenance costs.

Operating Costs: Normal maintenance expected for the wastewater lines.

# FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER

FY 2024 – FY 2028

## PROJECT REFERENCE 300

### *Cannery Public Market Wastewater Improvements*

Organization: 3310 Water & Wastewater Engineering  
Project Related to: Replacements/Upgrades/Rehabilitation  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Grants  
Project Considered: Must Do  
Originator: Marie C. Leal  
Utility Function: Wastewater Collection

#### *Estimated Project Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$266,678	\$ -	\$ -	\$ -	\$ -	\$266,678

*Description: Replace the existing gravity sewer collection system on Ringgold Street between East 6<sup>th</sup> Street and East 7<sup>th</sup> Street. This project will install approximately 440 linear feet of 6-inch and 250 linear feet of 8-inch diameter sanitary sewer lines. Note: \$18,019 is the FY 2023 carryover amount.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A

Operating Costs: Normal maintenance expected for the wastewater lines.

## PROJECT REFERENCE 303

### *Carryover Capital Equipment*

Organization: 9110 Company-wide Expenses  
Project Related to: General  
Project Occurrence: One-time  
Category: Carryover

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Company Wide  
Utility Function: Wastewater Administration

#### *Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$845,778	\$ -	\$ -	\$ -	\$ -	\$845,778

*Description: This line item is the budget for the carryover capital equipment. These items include purchases of a vehicle and other equipment. Note: \$845,778 is the FY 2023 carryover amount.*

#### *Impact of Project:*

Project Cost Savings & Revenues: N/A.

Operating Costs: N/A.

FIVE-YEAR CAPITAL IMPROVEMENTS PLAN SUMMARY

ELECTRIC, WATER AND WASTEWATER  
FY 2024 – FY 2028

PROJECT REFERENCE 304  
*Estimated Capital Equipment*

Organization: 9110 Company-wide Expenses  
Project Related to: General  
Project Occurrence: One-time  
Category: New

Funding Source: Improvement  
Project Considered: Must Do  
Originator: Company Wide  
Utility Function: Wastewater Administration

*Estimated Costs by Fiscal Year*

FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL
\$572,122	\$ -	\$ -	\$ -	\$ -	\$572,122

*Description: This line item is the budget for the estimated capital equipment. These items include purchases of vehicles and other equipment.*

*Impact of Project:*  
Project Cost Savings & Revenues: N/A.  
Operating Costs: N/A.

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**CAPITAL BUDGET SUMMARY**  
**Improvement Fund Projects**

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2024	FISCAL YEARS 2025-2028	FIVE-YEAR TOTAL
<b>ELECTRIC PROJECTS</b>				
<b>DEPARTMENT 2120 - SUBSTATIONS AND RELAYING</b>				
6	Airport Substation, Transformer No. 1 Upgrade, 69 KV to 138 KV	3,000,000	3,800,000	6,800,000
7	Battery Bank Replacements at Midtown, 6th Street and South Plant Substations	100,000	-	100,000
8	Replace Control Building Roof for Midtown, Military Hwy, and Price Rd Substations	105,000	-	105,000
9	Replace High and Low Side Bushings for Two Power Plant Auto-Transformers	270,000	-	270,000
10	Loma Alta Auto Transformer Radiators Replacement	50,000	15,000	65,000
11	acSELerator Team SEL-5045 Software Implementation	-	400,000	400,000
12	Substations Satellite-Synchronized Clock Upgrade	50,000	50,000	100,000
<b>Total for Dept. 2120</b>		<b>3,575,000</b>	<b>4,265,000</b>	<b>7,840,000</b>
<b>DEPARTMENT 2210 - SCADA &amp; ELECTRICAL SUPPORT SERVICES</b>				
18	Substation and Control Centers Video Camera Upgrade	100,000	250,000	350,000
19	OSI SCADA Upgrade	800,000	237,690	1,037,690
20	Fiber Improvement Project	150,000	95,920	245,920
<b>Total for Dept. 2210</b>		<b>1,050,000</b>	<b>583,610</b>	<b>1,633,610</b>
<b>DEPARTMENT 2410 - ELECTRIC ENGINEERING</b>				
23	New Connections	1,300,000	6,562,600	7,862,600
24	New Subdivisions	1,500,000	6,580,400	8,080,400
25	Security Light Installation	161,871	158,000	319,871
26	Infrastructure Improvements	2,833,891	10,140,800	12,974,691
27	Street Light Installations	50,393	170,240	220,633
28	Billy Mitchell Blvd Street Lights Upgrade	505,092	-	505,092
29	Extension of Electric Service to the City of Brownsville and Department of Public Safety Joint Tactical Training Center	85,954	-	85,954
30	The Resaca Gardens Subdivision Conductor Replacement	161,868	-	161,868
31	Water & Wastewater Treatment Plant Backup Power Improvements	63,863	-	63,863
33	Install Electrical Conductor and Conduit for Various Subdivisions	257,600	-	257,600
34	Capacitor Bank and Controller Installations	125,000	125,000	250,000
37	Recloser Controls on Substation Feeders	-	200,000	200,000
38	Overhead Insulated Wire Installation	55,000	110,000	165,000
40	OH Conductor Upgrades According to Long Range Plan Projects	100,580	150,520	251,100

continued

**CAPITAL BUDGET SUMMARY**  
**Improvement Fund Projects – Continued**

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2024	FISCAL YEARS 2025-2028	FIVE-YEAR TOTAL
41	Union Carbide 69 kV to 138 kV Conversion and Transmission Line Work (Feasibility Study Only)	-	300,000	300,000
43	TXDOT State Highway 48 Pole Relocation Project	60,000	-	60,000
44	Reconductor Alternate Feeder from Waterport Substation to Forza Steel with 477 MCM AAC	200,000	-	200,000
45	Extend Feeder from Palo Alto Substation South Along Old Alice Rd and East Along Railroad Right-of-Way to Prisma Heights Subdivision	-	250,000	250,000
46	TXDOT East Loop Regional Project	-	700,000	700,000
<b>Total for Dept. 2410</b>		<b>7,461,112</b>	<b>25,447,560</b>	<b>32,908,672</b>
<b>DEPARTMENT 7130 - ENTERPRISE SOLUTIONS</b>				
55	Advanced Metering Infrastructure (AMI) - electric	3,706,853	9,056,282	12,763,135
<b>Total for Dept. 7130</b>		<b>3,706,853</b>	<b>9,056,282</b>	<b>12,763,135</b>
<b>ELECTRIC TRANS. &amp; DIST. PROJECT TOTAL:</b>		<b>15,792,965</b>	<b>39,352,452</b>	<b>55,145,417</b>
<b>DEPARTMENT 2220 - POWER PRODUCTION</b>				
60	Unit 10 Chiller Cooling Tower Replacement	1,140,500	-	1,140,500
61	Unit 6 Improvements, HRSG Economizer Panel Replacement and Generator Gas Analyzer Replacement	544,359	-	544,359
62	Unit 10 Ovation Control Upgrade	624,100	-	624,100
63	DCS Ovation Control System and Windows 10 Upgrade	941,737	-	941,737
64	Silas Ray Security Improvements - Surveillance	50,000	-	50,000
66	Silas Ray Building Infrastructure - Roofs And Canopy	65,000	-	65,000
<b>Total for Dept. 2220</b>		<b>3,365,696</b>	<b>-</b>	<b>3,365,696</b>
<b>DEPARTMENT 4310 - W/WW OPERATIONS</b>				
69	Gas pipeline right-of-way project completion	171,630	-	171,630
<b>Total for Dept. 4310</b>		<b>171,630</b>	<b>-</b>	<b>171,630</b>
<b>ELECTRIC GENERATION PROJECT TOTAL:</b>		<b>\$ 3,537,326</b>	<b>\$ -</b>	<b>\$ 3,537,326</b>
<b>ESTIMATED PROJECT TOTAL - ELECTRIC</b>		<b>\$ 19,330,291</b>	<b>\$ 39,352,452</b>	<b>\$ 58,682,743</b>
<b>GENERAL &amp; ADMINISTRATIVE PROJECTS</b>				
<b>DEPARTMENT 1135 - COMMUNICATIONS &amp; PUBLIC RELATIONS</b>				
79	BPUB Billboard Construction	500,000	-	500,000
<b>Total for Dept. 1135</b>		<b>500,000</b>	<b>-</b>	<b>500,000</b>

continued



**CAPITAL BUDGET SUMMARY**  
**Improvement Fund Projects – Continued**

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2024	FISCAL YEARS 2025-2028	FIVE-YEAR TOTAL
<b>DEPARTMENT 1165 - RECORDS MANAGEMENT</b>				
82	Implementation of an Enterprise Content Management (ECM) System	223,607	-	223,607
	<b>Total for Dept. 1165</b>	<b>223,607</b>	<b>-</b>	<b>223,607</b>
<b>DEPARTMENT 1422 - ANALYTICAL LAB</b>				
85	HVAC Replacement Project	992,320	-	992,320
86	Analytical Lab Rehabilitation Project	600,000	-	600,000
	<b>Total for Dept. 1422</b>	<b>1,592,320</b>	<b>-</b>	<b>1,592,320</b>
<b>DEPARTMENT 5110 - FINANCE</b>				
92	Financial Management Information System	250,000	4,750,000	5,000,000
	<b>Total for Dept. 5110</b>	<b>250,000</b>	<b>4,750,000</b>	<b>5,000,000</b>
<b>DEPARTMENT 6110 - CUSTOMER SERVICE</b>				
95	Virtual Assistant	71,000	-	71,000
	<b>Total for Dept. 6110</b>	<b>71,000</b>	<b>-</b>	<b>71,000</b>
<b>DEPARTMENT 6135 - CIS SUPPORT</b>				
98	Cayenta Utilities (UMS) Upgrade	32,668	-	32,668
99	Cayenta The Customer Engagement Portal	230,029	-	230,029
	<b>Total for Dept. 6135</b>	<b>262,697</b>	<b>-</b>	<b>262,697</b>
<b>DEPARTMENT 7131 - IT HARDWARE, CYBER, &amp; NETWORK MGMNT</b>				
102	UPS - IT Equipment at Power Plant	45,000	-	45,000
103	Enterprise Backup Appliance DR4100	-	225,000	225,000
104	Cisco Phone Upgrade	100,000	-	100,000
105	Power Plant Firewall and Data Center Switch Upgrade	283,812	-	283,812
106	Email Retention and Archiving Project	100,000	-	100,000
107	E911 and Cisco Switch Upgrade	130,000	96,000	226,000
108	Cisco ACI Networking Equipment / Dell FX - Multi-Site	252,617	100,000	352,617
109	Data Cabling For Main Administration Building	-	250,000	250,000
110	Palo Alto Data Lake Services	90,000	-	90,000
	<b>Total for Dept. 7131</b>	<b>1,001,429</b>	<b>671,000</b>	<b>1,672,429</b>
<b>DEPARTMENT 7135 - GEOGRAPHIC INFORMATION SYSTEMS</b>				
113	GIS/Cityworks Upgrade	500,000	-	500,000
	<b>Total for Dept. 7135</b>	<b>500,000</b>	<b>-</b>	<b>500,000</b>
<b>DEPARTMENT 7170 - WAREHOUSE</b>				
116	Large Fans Purchase and Installation	54,585	-	54,585
	<b>Total for Dept. 7170</b>	<b>54,585</b>	<b>-</b>	<b>54,585</b>

continued

**CAPITAL BUDGET SUMMARY**  
**Improvement Fund Projects – Continued**

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2024	FISCAL YEARS 2025-2028	FIVE-YEAR TOTAL
<b>DEPARTMENT 9110 - COMPANY-WIDE EXPENSES</b>				
120	Carryover Project Contingency Budget	500,000	-	500,000
	<b>Total for Dept. 9110</b>	<b>500,000</b>	<b>-</b>	<b>500,000</b>
<b>ESTIMATED TOTAL BY CATEGORY:</b>				
	GENERAL & ADMINISTRATIVE	4,621,941	5,421,000	10,042,941
	ADMINISTRATIVE - CUSTOMER SERVICE	333,697	-	333,697
	<b>ESTIMATED PROJECT TOTAL - GEN. &amp; ADMIN.</b>	<b>4,955,638</b>	<b>5,421,000</b>	<b>10,376,638</b>
<b>ESTIMATED OVERALL PROJECT TOTAL - ELECTRIC</b>				
		<b>\$ 24,285,929</b>	<b>\$ 44,773,452</b>	<b>\$ 69,059,381</b>
<b>ADD ESTIMATED CAPITAL EQUIPMENT BUDGET</b>				
73	CARRYOVER CAPITAL EQUIPMENT	1,012,236	-	1,012,236
74	ESTIMATED CAPITAL EQUIPMENT	1,632,561	6,000,000	7,632,561
	<b>ESTIMATED OVERALL TOTAL - ELECTRIC</b>	<b>\$ 26,930,726</b>	<b>\$ 50,773,452</b>	<b>\$ 77,704,178</b>
<b>WATER PROJECTS</b>				
<b>DEPARTMENT 2210 - SCADA &amp; ELECTRICAL SUPPORT SERVICES</b>				
128	SRWA Wells Fiber Communications	60,000	-	60,000
	<b>Total for Dept. 2210</b>	<b>60,000</b>	<b>-</b>	<b>60,000</b>
<b>DEPARTMENT 3120 - WATER PLANT I</b>				
131	Raw Water Pump Station - engineering (Packet 4) and construction - AECOM Pumps 4,5, and 6	21,362	25,000	46,362
133	High Service Pump Station No. 1 - engineering (Packet 4)	26,725	-	26,725
134	High Service Pump Station No. 2 - Pump and Motor Replacement - engineering (Packet 4)	18,091	-	18,091
136	Access Control and Facility Cameras	58,500	-	58,500
137	Water Plant No. 1 Train A and Train C Concrete Structure Repair Project	182,061	-	182,061
138	Clarifiers drain sludge pump	16,010	-	16,010
141	Replace Influent Valves for 8 Filters	-	214,000	214,000
142	Replacement of rakes for two clarifiers (B1 and B2)	-	260,000	260,000
	<b>Total for Dept. 3120</b>	<b>322,749</b>	<b>499,000</b>	<b>821,749</b>
<b>DEPARTMENT 3130 - WATER PLANT II</b>				
146	Aeration Structure Rehabilitation - engineering (Packet 3)	91,805	-	91,805
147	Aeration Tank Replacement - engineering (Packet 3)	94,151	-	94,151
148	High Service Pump Station (5 vertical turbine pumps) - engineering (Packet 4)	27,577	-	27,577

continued

**CAPITAL BUDGET SUMMARY**  
**Improvement Fund Projects – Continued**

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2024	FISCAL YEARS 2025-2028	FIVE-YEAR TOTAL
149	Raw Water Pump Station - engineering (Packet 4)	21,238	-	21,238
150	Flocculation Basin Improvement	60,000	67,400	127,400
<b>Total for Dept. 3130</b>		<b>294,771</b>	<b>67,400</b>	<b>362,171</b>
<b>DEPARTMENT 3155 - W/WW OPERATIONS &amp; MAINTENANCE</b>				
163	Water Valve Replacement Phase 4 Project - engineering	31,077	-	31,077
<b>Total for Dept. 3155</b>		<b>31,077</b>	<b>-</b>	<b>31,077</b>
<b>DEPARTMENT 3310 - WATER &amp; WASTEWATER ENGINEERING</b>				
171	EST No. 8 - Two Million Gallon Elevated Storage Tank to Replace the Southmost Elevated Storage Tank - engineering and construction	225,918	-	225,918
175	Avenida de la Plata, Elsa Street, Marvis Street and San Pedro Lane Water Utility Improvements - engineering	23,749	-	23,749
177	Calvin Street Water Utility Improvements - engineering and construction	72,333	-	72,333
179	COB Contract No. 3 at Jose Marti Blvd, Calle Buenos Aires, Calle Costa Rica and Calle Nortena Water Utility Improvements	150,000	-	150,000
181	Extension of Water Service to the City of Brownsville and Department of Public Safety Joint Tactical Training Center	300,000	-	300,000
183	Owens Road Bridge Utility Adjustment (Phase I) - Engineering	45,074	-	45,074
187	Owens Road Bridge Utility Adjustment (Phase II) - Engineering and Construction	290,000	-	290,000
190	Tara Place, Dix Drive and Hacienda Lane Utility Improvements - engineering	4,431	-	4,431
<b>Total for Dept. 3310</b>		<b>1,111,505</b>	<b>-</b>	<b>1,111,505</b>
<b>DEPARTMENT 7130 - ENTERPRISE SOLUTIONS</b>				
209	Advanced Metering Infrastructure (AMI) - water	561,294	11,917,233	12,478,527
<b>Total for Dept. 7130</b>		<b>561,294</b>	<b>11,917,233</b>	<b>12,478,527</b>
<b>ESTIMATED PROJECT TOTAL - WATER</b>		<b>\$ 2,381,396</b>	<b>\$ 12,483,633</b>	<b>\$ 14,865,029</b>
213	ADD CARRYOVER CAPITAL EQUIPMENT	436,447	-	436,447
214	ADD ESTIMATED CAPITAL EQUIPMENT	456,747	-	456,747
<b>ESTIMATED OVERALL TOTAL - WATER</b>		<b>\$ 3,274,590</b>	<b>\$ 12,483,633</b>	<b>\$ 15,758,223</b>

continued

**CAPITAL BUDGET SUMMARY**  
**Improvement Fund Projects – Continued**

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2024	FISCAL YEARS 2025-2028	FIVE-YEAR TOTAL
<b>WASTEWATER PROJECTS</b>				
<b>DEPARTMENT 2210 - SCADA &amp; ELECTRICAL SUPPORT SERVICES</b>				
221	Lift Station Electrical Upgrades - 10 lift stations	180,000	180,000	360,000
222	Lift Station Electrical Safety Upgrades	150,000	522,000	672,000
<b>Total for Dept. 2210</b>		<b>330,000</b>	<b>702,000</b>	<b>1,032,000</b>
<b>DEPARTMENT 3210 - SOUTH WASTEWATER TREATMENT PLANT</b>				
232	Belt Filter Press - engineering (Packet 4)	17,055	-	17,055
233	Non-Potable Water Pump and Motor No. 1 - engineering (Packet 4)	18,357	-	18,357
234	Chlorine Contact Chamber Sluice Gate Replacement Project - engineering and construction	373,839	-	373,839
235	SWWTP Improvements - Headworks Grit System Upgrade and Retrofit - engineering (Packet 5) and construction Board-approved on 10/29/2020	565,161	-	565,161
236	Three (3) New 25 Yard Bio-Solids Metal Roll-off Bins	35,755	-	35,755
<b>Total for Dept. 3210</b>		<b>1,010,167</b>	<b>-</b>	<b>1,010,167</b>
<b>DEPARTMENT 3220 - ROBINDALE WASTEWATER TREATMENT PLANT</b>				
239	Turbo Blower Upgrades - Phase I (Packet 3) engineering	179,366	-	179,366
241	Non-Potable Water System Upgrade (Packet 4) - engineering	22,018	-	22,018
244	Recycle Pump	29,166	-	29,166
245	Mixer Pump	74,471	-	74,471
<b>Total for Dept. 3220</b>		<b>305,021</b>	<b>-</b>	<b>305,021</b>
<b>DEPARTMENT 3230 - WASTEWATER LIFT STATIONS</b>				
248	Lift Station No. 90 Pump Replacements	72,268	-	72,268
249	Lift Station Systemwide Fence Replacements	106,018	-	106,018
<b>Total for Dept. 3230</b>		<b>178,286</b>	<b>-</b>	<b>178,286</b>
<b>DEPARTMENT 3310 WATER &amp; WASTEWATER ENGINEERING</b>				
277	Avenida de la Plata, Elsa Street, Marvis Street and San Pedro Lane Wastewater Utility Improvements - Engineering	19,114	-	19,114
279	Calvin Street Wastewater Utility Improvements - engineering and construction	89,476	-	89,476
280	Portway Place Subdivision Wastewater Utility Improvements	309,277	-	309,277
281	COB Contract No. 3 at Jose Marti Blvd, Calle Buenos Aires, Calle Costa Rica and Calle Nortena Wastewater Utility Improvements	792,781	-	792,781

continued

**CAPITAL BUDGET SUMMARY**  
**Improvement Fund Projects – Continued**

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2024	FISCAL YEARS 2025-2028	FIVE-YEAR TOTAL
283	Owens Road Bridge Utility Adjustments (Phase I) - Engineering	84,941	-	84,941
284	Owens Road Bridge Utility Adjustments (Phase II) - Engineering and Construction	290,000	-	290,000
286	Palm Village Utility Improvements - engineering	57,793	-	57,793
287	Rentfro Blvd Utility Improvements - engineering	42,457	-	42,457
293	Sewer Replacements related to the City Street Paving and Drainage Improvement Projects	100,000	100,000	200,000
294	City Streets Contract - E. 14th Street - District 1	150,000	200,000	350,000
295	City Streets Contract - Old Hwy 77 - District 4 - engineering and construction	823,303	-	823,303
296	City Streets Contract - Wild Rose Lane - District 3 & 4	100,000	-	100,000
297	City Streets Contract - Stage Coach Trail - District 3	75,000	-	75,000
298	City Streets Contract - Coffee Road - District 2 & 3	100,000	-	100,000
299	City Streets Contract - Old Alice Road - District 3	100,000	-	100,000
<b>Total for Dept. 3310</b>		<b>3,134,142</b>	<b>300,000</b>	<b>3,434,142</b>
<b>ESTIMATED PROJECT TOTAL - WASTEWATER</b>		<b>4,957,616</b>	<b>1,002,000</b>	<b>5,959,616</b>
303	ADD CARRYOVER CAPITAL EQUIPMENT	845,778	-	845,778
304	ADD ESTIMATED CAPITAL EQUIPMENT	572,122	-	572,122
<b>ESTIMATED OVERALL TOTAL - WASTEWATER</b>		<b>\$ 6,375,516</b>	<b>\$ 1,002,000</b>	<b>\$ 7,377,516</b>
<b>ESTIMATED PROJECT TOTAL</b>		<b>\$ 31,624,941</b>	<b>\$ 58,259,085</b>	<b>\$ 89,884,026</b>
<b>ESTIMATED CAPITAL EQUIPMENT TOTAL</b>		<b>4,955,891</b>	<b>6,000,000</b>	<b>10,955,891</b>
<b>OVERALL IMPROVEMENT FUND TOTAL - INTERNAL:</b>		<b>\$ 36,580,832</b>	<b>\$ 64,259,085</b>	<b>\$ 100,839,917</b>
<b>TOTAL IMPROVEMENT FUND BUDGET:</b>		<b>\$ 36,580,832</b>	<b>\$ 64,259,085</b>	<b>\$ 100,839,917</b>

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**CAPITAL BUDGET SUMMARY**  
**Impact Fees Fund Projects**

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2024	FISCAL YEARS 2025-2028	FIVE-YEAR TOTAL
<b>WATER PROJECTS</b>				
<b>DEPARTMENT 3310 - WATER &amp; WASTEWATER ENGINEERING</b>				
170	16-inch Waterline Loop from Lago Vista to W. Alton Gloor Blvd	400,000	-	400,000
180	Boca Chica Blvd Waterline Upgrade (International Blvd to Owens Road)	389,493	-	389,493
186	New Raw Water River Intake Facility	881,388	-	881,388
188	Waterline Upgrade Near WTP No. 1 (on 13th Street)	72,068	-	72,068
193	FM 511 Waterline Loop (SH 48 to Boca Chica Blvd)	100,000	-	100,000
194	FM 511 24-inch Waterline Loop (SRWA to Old Port Isabel Rd) - engineering	598,278	-	598,278
<b>Total for Dept. 3310</b>		<b>2,441,227</b>	<b>-</b>	<b>2,441,227</b>
<b>DEPARTMENT 7125 - REAL ESTATE</b>				
206	16-inch Waterline Loop from Lago Vista to W. Alton Gloor Blvd	100,000	-	100,000
<b>Total for Dept. 7125</b>		<b>100,000</b>	<b>-</b>	<b>100,000</b>
<b>ESTIMATED PROJECT TOTAL - WATER</b>		<b>\$ 2,541,227</b>	<b>\$ -</b>	<b>\$ 2,541,227</b>
<b>DEPARTMENT 3310 - WATER &amp; WASTEWATER ENGINEERING</b>				
288	North Regional Lift Stations and Force Main System - Phase I	1,000,000	4,000,000	5,000,000
291	South Colonias Project - design and engineering	125,000	-	125,000
292	North Colonias Project - design and engineering	125,000	-	125,000
<b>Total for Dept. 3310</b>		<b>1,250,000</b>	<b>4,000,000</b>	<b>5,250,000</b>
<b>ESTIMATED PROJECT TOTAL - WASTEWATER</b>		<b>\$ 1,250,000</b>	<b>\$ 4,000,000</b>	<b>\$ 5,250,000</b>
<b>OVERALL TOTAL IMPACT FEES FUND BUDGET:</b>		<b>\$ 3,791,227</b>	<b>\$ 4,000,000</b>	<b>\$ 7,791,227</b>

**CAPITAL BUDGET SUMMARY**  
**Commercial Paper and Other Future Bond Proceeds**

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2024	FISCAL YEARS 2025-2028	FIVE-YEAR TOTAL
<b>ELECTRIC PROJECTS</b>				
<b>DEPARTMENT 1145 - ELECTRIC TRANSMISSION &amp; DISTRIBUTION</b>				
3	Electrical SCADA Replacement of System Software and Hardware (for OMS and DMS)	81,349	-	81,349
<b>Total for Dept. 1145</b>		<b>81,349</b>	<b>-</b>	<b>81,349</b>
<b>DEPARTMENT 2120 - SUBSTATIONS AND RELAYING</b>				
13	Loma Alta 12.47 kV Switchgear Replacement	350,000	1,200,000	1,550,000
14	Replace Legacy Overcurrent and Transformer Differential Protection Relays	75,000	150,000	225,000
15	Engineering, Design and Construction of Nine 138 kV Breakers Replacement: 1 at Military Hwy, 2 at Midtown, 1 at 6th Street, 2 at Filter Plant, and 3 at Power Plant	200,000	700,000	900,000
<b>Total for Dept. 2120</b>		<b>625,000</b>	<b>2,050,000</b>	<b>2,675,000</b>
<b>DEPARTMENT 2410 - ELECTRIC ENGINEERING</b>				
32	Purchase and Install a Second Power Transformer at the Palo Alto Substation	500,000	1,500,000	2,000,000
35	Install a Second Power Transformer at the Water Port Substation - engineering	86,896	-	86,896
36	Install a Second Power Transformer at the Water Port Substation - construction	387,104	2,000,000	2,387,104
39	Extend Feeder from Titan Substation to Stagecoach Road	250,000	-	250,000
42	South Plant Substation Feeder to serve developments	250,000	250,000	500,000
47	50 MVAR Reactive Support Transmission Project	400,000	2,350,000	2,750,000
48	New 56 MVA Distribution Ocelot Substation	400,000	5,100,000	5,500,000
49	Electric System Utility Work Contract	2,000,000	2,000,000	4,000,000
50	Robindale WWTP Underground 3-Phase Transformer Project	22,657	-	22,657
51	Extension to Acacia Place at Madeira - Phase 1	278,818	-	278,818
52	Reliability Improvement Projects	100,000	400,000	500,000
<b>Total for Dept. 2410</b>		<b>4,675,475</b>	<b>13,600,000</b>	<b>18,275,475</b>
<b>ELECTRIC TRANS. &amp; DIST. PROJECT TOTAL:</b>		<b>5,381,824</b>	<b>15,650,000</b>	<b>21,031,824</b>
<b>DEPARTMENT 2220 - POWER PRODUCTION</b>				
59	Hidalgo Capital Improvements	6,286,814	6,274,997	12,561,811
63	DCS Ovation Control System and Windows 10 Upgrade	565,565	-	565,565

continued

**CAPITAL BUDGET SUMMARY**  
**Commercial Paper and Other Future Bond Proceeds – Continued**

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2024	FISCAL YEARS 2025-2028	FIVE-YEAR TOTAL
65	Unit 6 Mechanical and Controls Modernization	800,000	1,850,000	2,650,000
	<b>Total for Dept. 2220</b>	<b>7,652,379</b>	<b>8,124,997</b>	<b>15,777,376</b>
<b>ELECTRIC GENERATION PROJECT TOTAL:</b>		<b>7,652,379</b>	<b>8,124,997</b>	<b>15,777,376</b>
<b>GENERAL &amp; ADMINISTRATIVE PROJECTS</b>				
<b>DEPARTMENT 2210 - SCADA &amp; ELECTRICAL SUPPORT SERVICES</b>				
89	SCADA Yard Communication Tower - Phase 2 and 3	374,440	-	374,440
	<b>Total for Dept. 2210</b>	<b>374,440</b>	<b>-</b>	<b>374,440</b>
<b>DEPARTMENT 7170 - WAREHOUSE</b>				
117	FM 511 Service Center - New Lay Down Yard	561,015	666,480	1,227,495
	<b>Total for Dept. 7170</b>	<b>561,015</b>	<b>666,480</b>	<b>1,227,495</b>
<b>ESTIMATED PROJECT TOTAL - GEN. &amp; ADMIN.</b>		<b>935,455</b>	<b>666,480</b>	<b>1,601,935</b>
<b>ESTIMATED OVERALL PROJECT TOTAL - ELECTRIC</b>		<b>\$ 13,969,658</b>	<b>\$ 24,441,477</b>	<b>\$ 38,411,135</b>
<b>WATER PROJECTS</b>				
<b>DEPARTMENT 3120 - WATER PLANT I</b>				
135	High Service Pump Station No. 2 - Pump and Motor Replacement - construction	-	283,775	283,775
139	Replacement of Compressors	82,800	-	82,800
140	Replacement of Waste Pump and Motor	181,416	-	181,416
143	Drain Valves for the Drying Lagoons	58,500	-	58,500
	<b>Total for Dept. 3120</b>	<b>322,716</b>	<b>283,775</b>	<b>606,491</b>
<b>DEPARTMENT 3130 - WATER PLANT II</b>				
151	Reservoir Raw Water Pumps Variable Frequency Drives (VFDs) Replacement	90,000	-	90,000
152	Pump and Motor Replacement of Reservoir Raw Water Pump Number 1	196,500	-	196,500
153	Pump and Motor Replacement of Reservoir Raw Water Pump Number 3	196,500	-	196,500
154	Replacement of Backwash Waste Pump No 1	135,918	-	135,918
	<b>Total for Dept. 3130</b>	<b>618,918</b>	<b>-</b>	<b>618,918</b>

continued



**CAPITAL BUDGET SUMMARY**  
**Commercial Paper and Other Future Bond Proceeds – Continued**

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2024	FISCAL YEARS 2025-2028	FIVE-YEAR TOTAL
<b>DEPARTMENT 3150 - W/WW OPERATIONS &amp; CONSTRUCTION</b>				
160	TXDOT - International Blvd (SH 4) Water Utility Adjustments Phase I (from Expwy I69E to Southmost Blvd)	250,000	-	250,000
<b>Total for Dept. 3150</b>		<b>250,000</b>	<b>-</b>	<b>250,000</b>
<b>DEPARTMENT 3155 - W/WW OPERATIONS &amp; MAINTENANCE</b>				
164	Water New Connections and New Subdivisions	643,180	2,000,000	2,643,180
165	Water Meter Vault Replacement Project	82,714	-	82,714
166	Valve Replacement Project Phase 4 - construction	500,000	200,000	700,000
167	Fire Hydrant Replacement Project - engineering	75,000	-	75,000
<b>Total for Dept. 3155</b>		<b>1,300,894</b>	<b>2,200,000</b>	<b>3,500,894</b>
<b>DEPARTMENT 3310 - WATER &amp; WASTEWATER ENGINEERING</b>				
172	30th Street Elevated Storage Tank Water Line	803,876	-	803,876
173	36-inch Diameter Raw Water Line Replacement at Rotary Park - engineering	15,938	-	15,938
174	Rotary Park Raw Waterline Upgrade - Construction	740,318	-	740,318
176	Avenida de la Plata, Elsa Street, Marvis Street and San Pedro Lane Water Utility Improvements - construction	737,750	-	737,750
178	COB Contract No. 3 at Jose Marti Blvd, Calle Buenos Aires, Calle Costa Rica and Calle Nortena Water Utility Improvements	986,232	-	986,232
182	2020 Master Plan	550,000	-	550,000
184	Owens Road Bridge Utility Adjustment (Phase I) - Construction	250,000	-	250,000
187	New Raw Water River Intake Facility - additional funds	600,000	-	600,000
189	Martinal Area Water System Loop off of Old Port Isabel Road and FM 802 - engineering	22,809	47,191	70,000
192	Water Main Replacements related to City Street Paving and Drainage Improvement Projects	274,224	345,734	619,958
195	City Streets Contract - Portway Place Subdivision	359,873	-	359,873
196	City Streets Contract - E. 14th Street - District 1	200,000	-	200,000
197	City Streets Contract - Old Hwy 77 - District 4	700,000	-	700,000
198	City Streets Contract - Wild Rose Lane - District 3-4	100,000	-	100,000
199	City Streets Contract - Stage Coach Trail - District 3	75,000	-	75,000
200	City Streets Contract - Coffee Road - District 2 & 3	100,000	260,000	360,000
201	City Streets Contract - Old Alice Road - District 3	100,000	350,000	450,000
202	Raw Water Reservoir Dredging Project - Engineering	100,000	-	100,000

continued

**CAPITAL BUDGET SUMMARY**  
**Commercial Paper and Other Future Bond Proceeds – Continued**

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2024	FISCAL YEARS 2025-2028	FIVE-YEAR TOTAL
203	Military Hwy (US281) - 16-inch Diameter Waterline Pressure Booster and Chlorination Station - Engineering and Construction	300,000	-	300,000
<b>Total for Dept. 3310</b>		<b>7,016,020</b>	<b>1,002,925</b>	<b>8,018,945</b>
<b>ESTIMATED OVERALL TOTAL - WATER</b>		<b>\$ 9,508,548</b>	<b>\$ 3,486,700</b>	<b>\$ 12,995,248</b>
<b>WASTEWATER PROJECTS</b>				
<b>DEPARTMENT 2210 - SCADA &amp; ELECTRICAL SUPPORT SERVICES</b>				
223	W/WW SCADA Lift Station Integration	-	348,000	348,000
<b>Total for Dept. 2210</b>		<b>-</b>	<b>348,000</b>	<b>348,000</b>
<b>DEPARTMENT 3150 - W/WW OPERATIONS &amp; CONSTRUCTION</b>				
226	TXDOT - International Blvd (SH48) Wastewater Utility Adjustments and Manhole Rehabilitation Phase I (from Expwy I69E to Southmost Blvd)	125,000	-	125,000
<b>Total for Dept. 3150</b>		<b>125,000</b>	<b>-</b>	<b>125,000</b>
<b>DEPARTMENT 3155 - W/WW OPERATIONS &amp; MAINTENANCE</b>				
229	Wastewater New Connections and New Subdivisions	750,974	1,800,000	2,550,974
<b>Total for Dept. 3155</b>		<b>750,974</b>	<b>1,800,000</b>	<b>2,550,974</b>
<b>DEPARTMENT 3220 - ROBINDALE WASTEWATER TREATMENT PLANT</b>				
240	Turbo Blower Upgrades Phase I (Packet 3) - construction	2,809,903	-	2,809,903
242	Rehabilitation of Vacuum Truck Unloading Station - engineering and construction	390,762	-	390,762
243	Four Torque Valve Actuators for The Train Inlet Isolation Valves - engineering	22,951	-	22,951
<b>Total for Dept. 3220</b>		<b>3,223,616</b>	<b>-</b>	<b>3,223,616</b>
<b>DEPARTMENT 3230 - WASTEWATER LIFT STATIONS</b>				
249	Lift Station Systemwide Fence Replacements	93,982	-	93,982
250	Lift Station No. 9 Pump Rehabilitation - engineering (Packet No. 1) and construction	307,793	1,427,598	1,735,391
251	Lift Station No. 10 Rehabilitation - engineering (Packet 2) and construction	636,600	152,900	789,500
252	Lift Station No. 11 Rehabilitation - engineering (Packet 2) and construction	563,498	-	563,498

continued

**CAPITAL BUDGET SUMMARY**  
**Commercial Paper and Other Future Bond Proceeds – Continued**

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2024	FISCAL YEARS 2025-2028	FIVE-YEAR TOTAL
253	Lift Station No. 15 Rehabilitation - engineering (Packet 2) and construction	1,000,000	927,072	1,927,072
254	Lift Station No. 17 Rehabilitation - engineering (Packet No. 1) and construction	90,528	-	90,528
255	Lift Station No. 28 Rehabilitation - engineering (Packet 1)	25,972	-	25,972
256	Lift Station No. 43 Rehabilitation - engineering (Packet 1) and construction	537,498	-	537,498
257	Lift Station No. 47 Rehabilitation - engineering (Packet 2) and construction	434,346	258,857	693,203
258	Lift Station No. 51 Rehabilitation - engineering (Packet 2) and construction	100,000	-	100,000
259	Lift Station No. 58 Rehabilitation - engineering (Packet 1)	28,955	-	28,955
260	Lift Station No. 63 Rehabilitation - engineering (Packet 2) and construction	822,707	600,000	1,422,707
261	Lift Station No. 65 B Pump Replacement	82,000	40,000	122,000
262	Lift Station No. 67 Rehabilitation - engineering (Packet 2)	100,000	-	100,000
263	Lift Station No. 68 Rehabilitation - engineering and construction	75,000	600,000	675,000
264	Lift Station No. 69 Rehabilitation - engineering	18,347	-	18,347
265	Lift Station No. 72 Rehabilitation - engineering (Packet 1) and construction	781,899	781,899	1,563,798
266	Lift Station No. 80 Rehabilitation - engineering (Packet 2)	31,083	-	31,083
267	Lift Station No. 89 Rehabilitation - engineering (Packet 2)	25,972	-	25,972
268	Lift Station No. 95 Rehabilitation - engineering (Packet 1)	25,972	-	25,972
269	Lift Station No. 96 Rehabilitation - engineering (Packet 1)	25,972	-	25,972
270	Lift Station No. 99 Rehabilitation - engineering (Packet 1)	25,972	-	25,972
271	Lift Station No. 101 Rehabilitation - engineering (Packet 2)	36,264	-	36,264
272	Lift Station No. 105 Rehabilitation - engineering (Packet 2)	335,837	-	335,837
273	Lift Station No. 106 Rehabilitation - engineering (Packet 2)	15,855	-	15,855

continue

**CAPITAL BUDGET SUMMARY**  
**Commercial Paper and Other Future Bond Proceeds – Continued**

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2024	FISCAL YEARS 2025-2028	FIVE-YEAR TOTAL
274	Lift Station No. 140 Rehabilitation - engineering (Packet 1) and construction	633,370	-	633,370
<b>Total for Dept. 3230</b>		<b>6,855,422</b>	<b>4,788,326</b>	<b>11,643,748</b>
<b>DEPARTMENT 3310 - WATER &amp; WASTEWATER ENGINEERING</b>				
278	Avenida de la Plata, Elsa Street, Marvis Street and San Pedro Lane Wastewater Utility Improvements	664,961	-	664,961
282	2020 Master Plan	519,360	-	519,360
285	Owens Road Bridge Utility Adjustments (Phase I) - Construction	250,000	-	250,000
<b>Total for Dept. 3310</b>		<b>1,434,321</b>	<b>-</b>	<b>1,434,321</b>
<b>ESTIMATED OVERALL TOTAL - WASTEWATER</b>		<b>\$ 12,389,333</b>	<b>\$ 6,936,326</b>	<b>\$ 19,325,659</b>
<b>COMMERCIAL PAPER FUNDING BUDGET - INTERNAL:</b>		<b>\$ 35,867,539</b>	<b>\$ 34,864,503</b>	<b>\$ 70,732,042</b>
<b>TOTAL COMMERCIAL PAPER FUNDING:</b>		<b>\$ 35,867,539</b>	<b>\$ 34,864,503</b>	<b>\$ 70,732,042</b>

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**CAPITAL BUDGET SUMMARY**  
**Grants Projects (Reimbursement to Improvement Fund)**

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2024	FISCAL YEARS 2025-2028	FIVE-YEAR TOTAL
<b>WATER PROJECTS</b>				
<b>DEPARTMENT 3120 - WATER PLANT I</b>				
132	Raw Water Pump Station - engineering (Packet 4) and construction - AECOM Pumps 4,5, and 6	300,000	200,000	500,000
	<b>Total for Dept. 3120</b>	<b>300,000</b>	<b>200,000</b>	<b>500,000</b>
<b>DEPARTMENT 3310 - WATER &amp; WASTEWATER ENGINEERING</b>				
191	ARPA Downtown Water & Wastewater Improvement Project 2	2,351,804	2,307,426	4,659,230
	<b>Total for Dept. 3310</b>	<b>2,351,804</b>	<b>2,307,426</b>	<b>4,659,230</b>
<b>DEPARTMENT 7130 - ENTERPRISE SOLUTIONS</b>				
210	Advanced Metering Infrastructure (AMI) - water	5,000,000	-	5,000,000
	<b>Total for Dept. 7130</b>	<b>5,000,000</b>	<b>-</b>	<b>5,000,000</b>
<b>ESTIMATED PROJECT TOTAL - WATER</b>		<b>\$ 7,651,804</b>	<b>\$ 2,507,426</b>	<b>\$ 10,159,230</b>
<b>WASTEWATER PROJECTS</b>				
<b>DEPARTMENT 3310 - WATER &amp; WASTEWATER ENGINEERING</b>				
289	ARPA Downtown Water & Wastewater Improvement Project 1	3,052,158	2,930,086	5,982,244
290	ARPA Downtown Water & Wastewater Improvement Project 2	3,086,260	2,930,086	6,016,346
300	Cannery Public Market Wastewater Improvements	266,678	-	266,678
	<b>Total for Dept. 3310</b>	<b>6,405,096</b>	<b>5,860,172</b>	<b>12,265,268</b>
<b>ESTIMATED PROJECT TOTAL - WASTEWATER</b>		<b>\$ 6,405,096</b>	<b>\$ 5,860,172</b>	<b>\$ 12,265,268</b>
<b>OVERALL TOTAL GRANTS BUDGET: \$ 14,056,900 \$ 8,367,598 \$ 22,424,498</b>				

**CAPITAL BUDGET SUMMARY**  
**Resaca Fee CIP**

PROJ. REF.	DESCRIPTION	FISCAL YEAR 2024	FISCAL YEARS 2025-2028	FIVE-YEAR TOTAL
<b>WATER PROJECTS</b>				
<b>DEPARTMENT 3135 - RESACA MAINTENANCE</b>				
157	Second Crew Office Trailer	-	90,935	90,935
	<b>Total for Dept. 3135</b>	-	<b>90,935</b>	<b>90,935</b>
<b>ESTIMATED PROJECT TOTAL - WATER</b>		<b>\$ -</b>	<b>\$ 90,935</b>	<b>\$ 90,935</b>
<b>CAPITALIZABLE EQUIPMENT</b>				
<b>DEPARTMENT 3135 - RESACA MAINTENANCE</b>				
215	Carryover Capital Equipment - Resaca	349,315	-	349,315
216	New Capital Equipment - Resaca	1,071,552	-	1,071,552
	<b>Total for Dept. 3135</b>	<b>1,420,867</b>	-	<b>1,420,867</b>
		<b>\$ 1,420,867</b>	<b>\$ -</b>	<b>\$ 1,420,867</b>
<b>OVERALL TOTAL RESACA FEE CAPITAL BUDGET: \$ 1,420,867 \$ 90,935 \$ 1,511,802</b>				

**Summary Expenditure Report  
For All Carryover Projects – FY 2023  
Improvement Fund**

UTILITY	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET	APPROVED BUDGET TOTAL
GENERAL & ADMINISTRATIVE	\$ 2,192,698	\$ 1,602,820	\$ 1,323,018	\$ 2,925,838
ELECTRIC	13,548,037	7,958,113	2,313,918	10,272,031
WATER	4,906,793	1,297,403	234,951	1,532,355
WASTEWATER	3,019,177	1,707,315	168,630	1,875,945
CARRYOVER WORK ORDER BUDGET TOTAL	\$ 23,666,705	\$ 12,565,651	\$ 4,040,518	\$ 16,606,169
CARRYOVER CAPITAL PROJECT BUDGET TOTAL:				\$ 16,606,169
CARRYOVER CAPITAL EQUIPMENT BUDGET TOTAL:				2,294,461
IMPROVEMENT FUND - CARRYOVER CIP FUNDING TOTAL:				\$ 18,900,630
FISCAL YEAR 2024 IMPROVEMENT FUNDING:				15,018,772
IMPROVEMENT FUND - SURPLUS FUNDING OF FY 2024 CAPITAL EQUIPMENT:				2,661,430
IMPROVEMENT FUND - CIP FUNDING TOTAL:				\$ 36,580,832

**Capital Project Listing – FY 2023**  
**For All Carryover General & Administrative Utility Projects**  
**Improvement Fund**

DATE OPENED	WORK ORDER NO.	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
10/14/16	80575	GA1016	ADMINISTRATION BUILDING REMODELING - DESIGN	20,000	-	-
03/13/19	131144	GA1203	ENTERPRISE CONTENT AND RECORDS MANAGEMENT SYSTEM (ECRMS) - PILOT PROGRAM	223,607	197,090	26,517
03/06/19	130723	GA1208	PURE STORAGE EXPANSION	-	-	-
06/03/19	135807	GA1221	OFFSITE HARDWARE - DRIVE EXPANSION	-	-	-
03/17/21	166349 amended	GA1222	IT ROOM GENERATOR AT POWER PLANT; BACKUP POWER	47,976	-	-
08/13/19	140145	GA1224	CAYENTA UPGRADE FROM VERSION 7.722 TO VERSION 9.0.0	32,668	32,668	-
02/25/21	173519	GA1288	TRAFFIC SIGNAL PROJECT AT FM 511 AND OLD ALICE RD	-	-	-
05/14/21	178215	GA1299	INFORMATION TECHNOLOGY FOR THE ANNEX BUILDING; STORAGE AREA NETWORK	-	-	-
05/14/21	178221	GA1300	APC / UPS - DATACENTER HARDWARE REPLACEMENT	-	-	-
07/06/21	N/A	GA1326	FM 511 TOWER	-	-	-
04/26/22	196458	GA1327	CAYENTA THE CUSTOMER ENGAGEMENT PORTAL FOR THE CUSTOMER SELF-SERVICE PORTAL	243,140	230,029	-
05/10/22	197305	GA1328	WATER PLANT I SECURITY FENCE OFF OF W 13TH ST WEST OF SILAS RAY POWER PLANT	-	-	-
05/12/22	197464	GA1329	UPS - IT EQUIPMENT AT FM 511 BUILDING	45,000	45,000	-
06/21/22	199399	GA1333	ENTERPRISE BACKUP APPLIANCE MODEL EXAGRID	-	-	-
N/A	N/A	N/A	FUELMaster AIM UPGRADES	-	-	-
12/07/22	207244	GA1340	CISCO PHONE UPGRADE	100,000	18,402	-
03/14/23	211644	GA1359	POWER PLANT FIREWALL AND DATA CENTER SWITCH UPGRADE	206,096	-	283,812
03/29/23	212598	GA1360	HVAC REPLACEMENT PROJECT AT THE ANALYTICAL LABORATORY	674,211	542,927	449,393

continued



**Capital Project Listing – FY 2023**  
**For All Carryover General & Administrative Utility Projects**  
**Improvement Fund**

DATE OPENED	WORK ORDER NO.	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
04/21/23	214135	GA1364	EMAIL RETENTION AND ARCHIVING PROJECT	100,000	43,977	56,023
05/16/23	215554	GA1366	GIS SYSTEM UPGRADE - ARCMAP (ESRI), ARCFM (DESIGNER), AND CITYWORKS (AZTECA)	500,000	492,727	7,273
N/A	N/A	N/A	CARRYOVER PROJECT CONTINGENCY BUDGET	-	-	500,000
CARRYOVER GENERAL & ADMINISTRATIVE PROJECT TOTAL \$				<u>2,192,698</u>	<u>\$ 1,602,820</u>	<u>\$ 1,323,018</u>

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**Capital Project Listing – FY 2023**  
**For All Carryover Electric Utility Projects**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
03/29/16	71466	FD2014	1000 CAPTAIN DONALD FOUST RD AT THE PORT OF BROWNSVILLE	114,707	114,707	-
11/05/21	154972 amended	FD2197	2200 LAREDO RD	1,461	1,461	-
10/05/20	164543	FD2199	6 FRUITDALE TERRACE	365	365	-
11/30/20	168082	FD2206	1255 FM 511 - SRWA SRWA'S INNER PERIMETER	-	-	-
03/03/21	173945	FD2215	2884 SANDIA ST	-	-	-
03/12/21	174650	FD2218	3185 SOUTHMOST BLVD	37	37	-
04/27/21	177163	FD2219	224 S IOWA AVE	417	417	-
05/17/21	178311	FD2220	25 SOUTHERN ST	278	278	-
10/11/21	186497	FD2230	1801 S PRICE RD	1,969	1,969	-
10/14/21	186702	FD2231	454 EXPRESSWAY 77 N FRONTAGE RD	3,720	3,720	-
11/10/21	188427	FD2233	4351 E MORRISON RD	1,746	1,746	-
05/05/22	197072	FD2242	SECURITY LIGHTING FOR POWER PLANT AND WATER PLANT I	-	-	-
05/17/22	197659		ADDITIONAL POLE WITH FLOOD LIGHT			
05/19/22	197797		INSTALL 2 EA 1000W EQV FLOOD LIGHT			
05/31/22	198211	FD2245	3000 W ALTON GLOOR BLVD	1,333	1,333	-
05/12/22	197477	FD2246	1305 HONEYDALE RD	531	531	-
07/20/22	200774	FD2252	665 SAN PEDRO LN	626	626	-
03/14/23	211635	FD2266	905 EXPWY 77 S FRONTAGE RD LOTUS CAFÉ	5,456	577	-
04/17/23	213763	FD2269	3470 BURTON DR	4,458	4,458	-
05/05/23	214958	FD2271	143 NORTH ST	2,189	392	-
07/20/23	219036	FD2274	7950 CAPTAIN DONALD FOUST RD	1,781	-	-
08/03/23	219712	FD2275	7200 PADRE ISLAND HWY	1,774	-	-
08/17/23	220654	FD2276	3090 RUBEN M TORRES BLVD FLOOD LIGHT ON POLE NO. 23967	1,106	147	-

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Electric Utility Projects - Continued**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
09/12/23	221872	FD2277	3090 RUBEN M TORRES BLVD FLOOD LIGHT ON POLE NO. 23968	1,106	1,106	-
N/A	N/A	N/A	SECURITY LIGHT INSTALLATION UNENCUMBERED CARRYOVER FUNDING	28,003	28,003	-
CARRYOVER SECURITY LIGHT PROJECT TOTAL				\$ 173,061	\$ 161,871	\$ -
05/25/17	92902	EA1075	LOMA ALTA SUBSTATION - MARTINAL WATER	-	-	-
05/11/18	112950		TANK - NORTH WASTEWATER TREATMENT PLANT - FM 802 FIBER OPTIC PROJECT			
03/24/20	152860	EA1253	BOCA CHICA FIBER INSTALLATION - PHASE 3 BETWEEN PADRE ISLAND HWY AND FM 511	-	-	-
03/23/20	152753	EA1267	FIBER OPTIC FROM SOUTHMOST LIBRARY TO NEW AIRPORT TERMINAL AT 700 AMELIA EARHART DR	-	-	-
09/21/21	185261	EA1307	FIBER OPTIC LINE EXTENSION TO SPACEX PHASE 1 - OFF OF S CENTRAL AVE ALONG MORNINGSIDE RD TO 1900 BILLY MITCHELL BLVD PHASE 2 - FROM BILLY MITCHEL BLVD, S IOWA AVE AND LES MAULDIN RD TO 2100 LES MAULDIN RD	-	-	-
01/03/22	190567	EA1319	ADVANCED METERING INFRASTRUCTURE - ELECTRIC	3,332,988	3,058,398	648,455
06/14/22	199088	EA1332	DESIGN SERVICES FOR THE ELECTRIC DISTRIBUTION AND TRANSMISSION SYSTEM	93,927	-	-
08/31/22	202620	EA1336	1906 W. ELIZABETH ST FIBER OPTIC EXTENSION	7,048	-	-
12/30/22	208183	EA1348	CONTROL BUILDING ROOF REPLACEMENTS FOR MIDTOWN, MILITARY HWY AND PRICE RD SUBSTATIONS	104,890	89,140	-
CARRYOVER ADMINISTRATION CONSTRUCTION PROJECT TOTAL:				\$ 3,538,853	\$ 3,147,538	\$ 648,455
12/16/21	189995	ED1025	3549 E 30TH STREET	-	-	-
03/06/17	88924	ED1046	100 E ALTON GLOOR BLVD TRANSFER SWITCH AT VRMC	-	-	-
10/12/17	100335	ED1089	PALM GARDENS SUBDIVISION UNDERGROUND CONDUIT REPLACEMENT	-	-	-
09/18/18	120433	ED1127	RELAY AND OTHER UPGRADES AT PRICE RD, WATERPORT AND LOMA ALTA SUBSTATIONS TO ACCOMMODATE THE SHARYLAND UTILITIES SWITCHING STATION	-	-	-
09/20/18	120595	ED1130	E RUBEN M TORRES BLVD AND S SAN MARCELO BLVD - BCC RECLOSERS	-	-	-

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Electric Utility Projects - Continued**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
08/29/17	97908	ED1193	700 AMELIA EARHART DR OVERHEAD TO UNDERGROUND CONVERSION AT NEW AIRPORT TERMINAL	-	-	-
03/27/19	131947	ED1205	PORT OF BROWNSVILLE CROSS ARMS REPLACEMENT ALONG RL OSTOS & CAPT DONALD FOUST RD	-	-	-
07/02/19	137665	ED1217	BROWNSVILLE HISTORIC BATTLEFIELD TRAIL HPS TO LED SECURITY LIGHT CONVERSION	-	-	-
06/04/19	135877	ED1225	UNDERGROUND 3-PHASE PRIMARY (FEEDER RELOCATION AND CONVERSION) FOR THE BROWNSVILLE S.P.I. INTERNATIONAL AIRPORT ON SOUTH IOWA STREET BETWEEN LES MAULDIN ROAD AND BOCA CHICA BLVD	-	-	-
09/19/18	120533	ED1228	PORT CONNECTION PROJECT - OVERHEAD TO UNDERGROUND CONVERSION OFF OF R.L. OSTOS ROAD	-	-	-
10/21/19	144095	ED1235	1 DEAN PORTER PARK	-	-	-
01/17/20	149015	ED1256	20000 STATE HIGHWAY 48 PRIMARY METER FOR AMFELS	-	-	-
03/13/20	152239	ED1259	BILLY MITCHELL BLVD STREET LIGHTS UPGRADE	618,171	503,683	1,409
05/20/20	155768	ED1263	RECLOSERS ON PAREDES LINE ROAD AND HUDSON BLVD OFF OF FM 802	-	-	-
07/07/20	158631	ED1266	DISTRIBUTION MANAGEMENT SYSTEM IMPLEMENTATION; INSTALL CAPACITOR BANKS AND RECLOSERS FROM FEEDERS OFF OF THE 6TH STREET SUBSTATION THROUGH FEEDERS OFF OF THE PRICE ROAD SUBSTATION	1,480	-	-
10/07/20	164854	ED1275	THREE EACH 145KV CIRCUIT BREAKERS REPLACEMENTS FOR THE POWER PLANT SUBSTATION	-	-	-
09/24/19	142515	ED1294	2 EACH AUTOMATIC TRANSFER SWITCH TO INSTALL AT FILTER PLANT SUBSTATION	-	-	-
09/02/22	202825	ED1303	8925 SOUTHMOST BLVD C.O.B. AND TXDPS JOINT TACTICAL TRAINING FACILITY	38,338	37,588	48,366
05/20/20	155836	ED1304	PASEO DE LA RESACA TRAILS HPS TO LED LIGHT CONVERSION	-	-	-
08/18/21	183562	ED1305	GANG SWITCH REPLACEMENT ON RUBEN M TORRES BLVD OFF OF PAREDES LINE RD, COFFEE RD OFF OF OLD PORT ISABEL RD, AND BOCA CHICA BLVD NEAR TEXAS AVENUE	-	-	-

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Electric Utility Projects - Continued**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
10/15/21	186753	ED1310	3549 E 30TH ST	-	-	-
06/21/21	180403	ED1317	1900 FISHERMANS PLACE RD	-	-	-
11/02/21	187752	ED1320	101 SAINT JOSEPH DR - ALTERNATIVE FEEDER ST JOSEPH ACADEMY	-	-	-
12/01/21	189099	ED1321	244 SECURITY DR AUTOZONE	-	-	-
01/05/22	190689	ED1324	11800 R L OSTOS RD OH-TO-UG CONVERSION AT B.N.D.	-	-	-
08/02/22	201313	ED1334	1 BOULEVARD OF CHAMPIONS SAMS MEMORIAL STADIUM (PHASE I) PROJECT	-	-	-
09/02/22	202750	ED1342	THE RESACA GARDENS SUBDIVISION UNDERGROUND CONDUCTOR REPLACEMENT	176,708	150,935	10,933
01/04/23	208273	ED1343	SAM'S MEMORIAL STADIUM PHASE II PART I PROJECT; 1 BLVD OF CHAMPIONS	3,294	-	-
02/10/23	210149	ED1355	SAM'S MEMORIAL STADIUM PHASE II UNDERGROUND CONVERSION	39,820	-	-
07/20/22	200796	ED1365	SAM'S MEMORIAL STADIUM PHASE III POLE REMOVALS AND INSTALLATIONS	6,789	-	-
07/11/23	218392	ED1372	UNDERGROUND EXTENSION TO SANTANDER SUBDIVISION OFF OF LAREDO ROAD	7,639	-	-
10/03/12	33343	ED3839	RESTORATION OF POLES AT THE FOLLOWING COB PARKS: BROWNSVILLE EVENTS CENTER, BROWNSVILLE TENNIS CENTER, NORTH PARK, BROWNSVILLE GOLF CENTER, ST CHARLES PARK & HOPE PARK	-	-	-
07/01/14	49093	ED3914	GUARD SHACK FIBER OPTIC EXTENSION AT POWER PLANT AND OFF OF ROBERTO VARGAS DR	-	-	-
04/28/14	47025	ED3931	NEW FEEDER FROM FM 802 SUBSTATION OFF OF S SAN MARCELO AND RUBEN M TORRES BLVD	-	-	-
07/09/14	49323	ED3932	FM 3248 & NORTH FRONTAGE RD (TXDOT)	-	-	-
06/27/19	137370	ED3965	ALTERNATE SERVICE FEEDER FOR ANNEX	-	-	-
05/07/20	155157	FD3965	1425 ROBINHOOD DR TEMPORARY SERVICE TO ANNEX	-	-	-
07/27/21	N/A	NULL	1 EACH RECONDITIONED 1000 KVA PADMOUNT TRANSFORMER	-	-	-

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Electric Utility Projects - Continued**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
N/A	N/A	N/A	INSTALL ELECTRICAL CONDUCTOR AND CONDUIT FOR VARIOUS SUBDIVISIONS	-	-	89,600
CARRYOVER DISTRIBUTION CONSTRUCTION PROJECT TOTAL: \$				892,238	\$ 692,206	\$ 150,308
01/23/17	86555	EG1031	VALLEY CROSSING PIPELINE INTERCONNECT	-	-	-
07/22/21	96620 amended	EG1068	UNIT 10 COOLING TOWER REPLACEMENT	731,261	731,261	-
09/27/19	112753 amended	EG1171	DISTRIBUTED GENERATORS AT SRWA WATER WELLS SITE ON FM 1421	-	-	-
07/21/20	159385	EG1291	UNIT 6 IMPROVEMENTS, HRSG ECONOMIZER PANEL REPLACEMENT AND GENERATOR GAS ANALYZER REPLACEMENT	1,435,368	544,359	-
02/04/21	172203	EG1297	DISTRIBUTED GENERATORS AT SRWA FOR WATER WELLS NO. 1, 11 AND 13	-	-	-
05/27/22	198133	EG1331	FEASIBILITY AND COST STUDY FOR BACK UP / STANDBY POWER SYSTEMS FOR THE WATER AND WASTEWATER TREATMENT PLANTS	150,080	63,863	-
11/17/22	206499	EG1346	UNIT 10 OVATION CONTROL UPGRADE RETROFIT UNIT 10 TURBINE CONTROLS BY REPLACING THE MICRONET PLC	435,500	255,950	368,150
11/17/22	206509	EG1347	DISTRIBUTED CONTROL SYSTEM OVATION CONTROL SYSTEM AND WINDOWS 10 UPGRADE	369,975	-	27,400
03/16/15	35342 amended	EG3849	GAS TRANSMISSION LINE TO TENASKA BROWNSVILLE GENERATING STATION	-	-	-
09/26/14	44869	EG3926	CROSS VALLEY NATURAL GAS PIPELINE	153,883	-	171,630
CARRYOVER GENERATION CONSTRUCTION PROJECT TOTAL: \$				3,276,067	\$ 1,595,433	\$ 567,180
08/13/20	115662 amended	ET1240	AIRPORT SUBSTATION 69KV TO 138 KV CONVERSION AT 915 S CENTRAL AVENUE	-	-	925,749
09/19/22	203592	ET1336	BATTERY BANK REPLACEMENT AT MIDTOWN, 6TH STREET AND SOUTH PLANT SUBSTATIONS	80,000	10,151	22,226
02/06/23	209846	ET1352	REPLACEMENT OF TWO AUTO TRANSFORMER BUSHINGS AT SILAS RAY POWER PLANT	268,205	268,205	-
CARRYOVER TRANSMISSION CONSTRUCTION PROJECT TOTAL: \$				348,205	\$ 278,356	\$ 947,975
CARRYOVER CONSTRUCTION PROJECT TOTAL \$				8,055,363	\$ 5,713,533	\$ 2,313,918

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Electric Utility Projects - Continued**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
N/A	N/A	ED9001	NEW CONNECTIONS - ELECTRIC	221,877	-	-
03/27/12	31421	FD4186	ITECC WIND PROJECT	918	918	-
03/25/14	45897	FD4326	5101 ALTON GLOOR BLVD PLAZA VISTA	937	937	-
08/11/15	63803	FD4420	1655 E RUBEN M TORRES BLVD	-	-	-
09/29/15	65527	FD4428	1401 YARD ROAD	4,773	4,773	-
10/16/15	65933	FD4440	DOCK 15 OFF OF R.L. OSTOS RD	2,960	2,960	-
04/29/16	72396 amended	FD4466	1910 ANEI CIRCLE	-	-	-
11/09/16	82280	FD4496	2400 BOCA CHICA BLVD	1,266	1,266	-
03/10/17	89230	FD4524	2406 THOR'S HAMMER BLVD	-	-	-
04/11/18	103683 amended	FD4570	10 PROVIDENCIA CT	3,172	3,172	-
06/28/22	93117 amended	FD4583	UNIVERSITY BLVD UNDERGROUND 3-PH PRIMARY	232,645	232,645	-
02/12/18	107886	FD4616	835 N EXPRESSWAY	-	-	-
09/04/18	119612	FD4619	4375 PAREDES LINE ROAD HUNTINGTON APARTMENTS	4,786	4,786	-
07/19/18	116860	FD4665	205 WILDROSE LN WILDROSE APARTMENTS	-	-	-
06/21/19	136872	FD4670	33 BOCA CHICA BLVD	1,807	1,807	-
07/24/19	138953	FD4690	3310 EXPRESSWAY 77 SOUTH FRONTAGE RD BORDER PATROL	9,940	9,940	-
12/27/19	148025	FD4701	20 SAM PERL BLVD O'REILLY AUTO PARTS	-	-	-
11/25/19	146141	FD4702	2000 MINERAL LOOP BROWNSVILLE GULFSIDE WAREHOUSE	-	-	-
12/18/19	147661	FD4703	2648 ALTON GLOOR BLVD	-	-	-
04/13/20	153653	FD4714	3025 E RUBEN TORRES BLVD SEVILLE PLAZA	-	-	-

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Electric Utility Projects - Continued**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
11/19/19	145812	FD4717	650 RUBEN M TORRES BLVD SMALL CELL ANTENNA SITE	-	-	-
03/27/20	153099	FD4723	2822 W ALTON GLOOR BLVD	8,975	8,975	-
07/25/20	158841	FD4727	TRANSFORMER TO ANNEX BUILDING AT 1425 ROBINHOOD DR	-	-	-
07/06/20	158583	FD4730	951 W RUBEN TORRES BLVD - URD SVC	-	-	-
07/08/20	158652	FD4734	2933 OLD SPANISH TRAIL	-	-	-
08/25/20	161785	FD4735	7045 N EXPRESSWAY 77 OLMITO PLAZA, BUILDING B	3,601	3,601	-
08/13/21	157377 amended	FD4736	832 RIDGEWOOD ST RIDGEWOOD CLINIC	-	-	-
12/21/20	169419	FD4744	25 PASEO PLAZA	2,916	2,916	-
09/04/20	162518	FD4753	950 W RUBEN TORRES BLVD LA CANTERA APTS	1,220	-	-
04/06/21	175826	FD4757	4920 EXPRESSWAY 77 NORTH FRONTAGE RD	-	-	-
10/26/20	166144	FD4759	10951 OLD STATE HWY 48 BLUEWING PHASE 3	9,302	9,302	-
03/25/21	175401	FD4761	9735 OLD STATE HWY 48 TEMPORARY SERVICE	-	-	-
04/14/21	176335	FD4763	325 WEST LEVEE	-	-	-
05/19/21	178637	FD4767	1144 INTERNATIONAL BLVD	-	-	-
06/10/21	179869	FD4768	529 PAREDES LINE RD	-	-	-
02/02/21	172007	FD4769	7225 INDUSTRIAL CIR EXEL BOBBINS	-	-	-
05/06/21	177629	FD4770	130 DOWNS DR	-	-	-
06/07/21	179577	FD4771	209 AMERICA DR JIFFY LUBE	-	-	-
07/20/21	182017	FD4774	12650 STATE HWY 48 - OMNITRAX	-	-	-

continued



**Capital Project Listing – FY 2023**  
**For All Carryover Electric Utility Projects - Continued**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
08/10/21	183222	FD4777	2645 VILLAGE DR	106	106	-
07/09/21	181370	FD4778	1173 RUBEN M TORRES BLVD	-	-	-
09/02/21	184276	FD4780	1454 CENTRAL BLVD CANO HEALTHCARE	-	-	-
08/04/21	182762	FD4783	1025 MAIN STREET JUBILEE SCHOOL	-	-	-
09/08/21	184514	FD4784	104 HIBISCUS CT	-	-	-
09/09/21	184617	FD4785	717 EXPWY 77 S FRONTAGE RD	-	-	-
09/23/21	185354	FD4789	6675 PINO VERDE DR	480	480	-
08/30/21	184158	FD4791	54 S PRICE ROAD PRICE LOFT APARTMENTS	29,018	-	-
09/13/21	184823	FD4792	1995 MILITARY HWY CIRCLE K	-	-	-
10/28/21	187564	FD4796	208 DIX DRIVE	962	962	-
10/29/21	187673	FD4797	225 PARK STREET	5,526	2,548	-
01/07/22	190790	FD4801	2954 IMPALA DR	1,188	1,188	-
01/27/22	191694	FD4804	12 MICHAEL CIR	2,618	2,618	-
11/04/21	188035	FD4805	813 PAREDES LINE RD	-	-	-
12/13/21	189826	FD4806	1000 SPORTS PARK BLVD	-	-	-
02/01/22	191915	FD4807	6915 PADRE ISLAND HWY	30,683	-	-
02/22/22	193059	FD4808	1900 BILLY MITCHELL BLVD	1,185	568	-
02/17/22	192923	FD4810	25 JUAREZ ST	1,501	1,501	-
03/21/22	194470	FD4812	1414 RUBEN M TORRES BLVD PERMANENT SERVICE	18,238	2,017	-
04/19/22	195983	FD4820	2345 E PRICE RD HACIENDA FORD	5,826	5,826	-
03/28/22	194839	FD4825	205 RANCHO ALTO TEMPORARY POWER FOR LF CISD MIDDLE SCHOOL	4,115	13,978	-
04/29/22	196650	FD4827	1 W UNIVERSITY BLVD TEMPORARY POWER	1,139	1,139	-

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Electric Utility Projects - Continued**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
01/18/22	191270	FD4828	3300 S EXPRESSWAY 77 OFF OF LOS TOMATES BRIDGE	2,178	-	-
04/13/21	176245	FD4831	720 RINGGOLD RD UTRGV VIVARIUM	-	-	-
04/14/22	195838	FD4832	159000 R L OSTOS RD OFF OF SOUTH PORT CONNECTOR	5,824	5,824	-
06/09/22	198848	FD4838	3721 E RUBEN M TORRES BLVD TEMPORARY SERVICE	2,086	2,086	-
05/20/22	197823	FD4839	20151 STATE HIGHWAY 48 VALLEY CROSSING PIPELINE	14,948	-	-
07/13/22	198912 amended	FD4840	2100 LES MAULDIN DR SPACE X WAREHOUSE	460	460	-
04/21/22	196136	FD4841	3100 EXPRESSWAY 77 OJOS LOCOS	-	-	-
05/31/22	198204	FD4842	1449 WEST WASHINGTON STREET	-	-	-
07/14/22	200499	FD4844	93 POWER PLANT DR	-	-	-
07/21/22	200820	FD4845	244 SECURITY DR	1,724	1,724	-
01/11/23	198617 amended	FD4846	2370 N EXPRESSWAY 77 BUBBA'S 33	68,533	-	-
08/16/22	202104	FD4850	9173 SAUCITO ST	-	-	-
05/04/22	196992	FD4852	205 RANCHO ALTO LF CISD MIDDLE SCHOOL	3,983	-	-
06/06/22	198556	FD4853	5750 N EXPRESSWAY 77 TIPTON HYUNDAI	-	-	-
10/03/22	204230	FD4859	165 E RUBEN M TORRES BLVD TEMPORARY SERVICE	4,563	2,080	-
09/02/22	202814	FD4860	205 RANCHO ALTO LF CISD MIDDLE SCHOOL - SWITCHGEAR	112,280	9,858	-
11/07/22	205892	FD4865	800 WESTRAIL TRAIL BIKE & HIKE TRAIL NO. 8	3,149	-	-
12/05/22	207031	FD4871	QUAIL TRAIL AND RUBEN M TORRES BLVD	2,222	-	-

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Electric Utility Projects - Continued**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
12/09/22	207460	FD4872	401 OLD MILITARY HWY - 400 WESTRAIL / SERVICE POLE NO. 4	3,150	166	-
12/07/22	207231	FD4873	600 WESTRAIL TRAIL - SP NO. 6 BEHIND OLIVERA PARK	6,824	-	-
02/07/23	196465 amended	FD4879	3761 RUBEN M TORRES BLVD	5,895	-	-
01/03/23	208236	FD4882	4385 EXPRESSWAY 77 APPLEBEE'S	903	903	-
11/03/22	205772	FD4888	5740 RUBEN M TORRES BLVD PERMANENT CONNECTION TO RETAIL PLAZA	7,280	904	-
02/02/23	209613	FD4890	1309 LAKESIDE BLVD	2,274	-	-
11/17/22	206466	FD4895	54 S PRICE RD TEMPORARY CONNECTION TO PRICE LOFTS APARTMENTS	4,000	908	-
03/03/23	211059	FD4897	3405 ZINNIA ST	4,638	2,782	-
04/28/22	196593	FD4900	RUBEN M TORRES / COFFEE RD PREMIER STORAGE	12,189	-	-
02/08/23	210010	FD4901	632 N CENTRAL AVENUE ROYAL OAKS DUPLEX (10 UNITS)	28,213	857	-
02/07/23	209974	FD4904	3663 JAIME J ZAPATA AVE VERONA APTS TEMPORARY POWER	5,828	1,262	-
03/15/23	211718	FD4905	2114 BOCA CHICA BLVD CARENOW MEDICAL	11,413	4,327	-
03/07/23	211237	FD4906	2930 BOCA CHICA BLVD PANDA EXPRESS	32,635	1,394	-
11/04/22	205810	FD4907	5501 SALIDA DE LUNA	47,445	28,592	-
04/13/23	213418	FD4908	1040 W JEFFERSON ST VBMC NEW SIGH	3,215	778	-
05/23/23	216034	FD4910	1312 E ADAMS ST COB COMMUNICATIONS AND MARKETING DEPARTMENT	1,047	418	-
05/24/23	216076	FD4914	180 E PRICE ROAD HEIGHTS OF BROWNSVILLE TEMPORARY NEW CONNECTION	4,358	2,508	-
06/02/23	216426	FD4915	1101 CALLE MILAGROS MILAGROS PLAZA	17,975	8,567	-
04/27/23	214473	FD4916	6632 PADRE ISLAND HWY - WHSE	11,869	-	-

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Electric Utility Projects - Continued**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
06/02/23	216448	FD4917	5001 STAGECOACH TRAIL FOR 2 NEW PLAZAS	41,530	-	-
04/24/23	214244	FD4918	7185 GBIC CIRCLE NEW WAREHOUSE	54,394	-	-
05/25/23	216174	FD4919	1985 MILITARY HIGHWAY TEMPORARY SERVICE FOR TRACTOR SUPPLY	5,025	3,005	-
05/16/23	197596	FD4920	1985 MILITARY HIGHWAY PERMANENT SERVICE FOR TRACTOR SUPPLY	59,727	-	-
03/02/23	211023	FD4921	5845 PADRE ISLAND HWY	7,737	-	-
07/10/23	218278	FD4922	18601 R.L. OSTOS EMR SHIPBREAK	21,176	7,137	-
07/24/23	219156	FD4925	845 E ST CHARLES STREET FOUR PLEX APARTMENT	5,381	724	-
07/11/23	218454	FD4926	2734 W ALTON GLOOR BLVD COMMERCIAL SUITE	22,617	22,617	-
07/13/23	218608	FD4927	40881 STATE HIGHWAY 48 FORZA STEEL - TEMPORARY SERVICE	12,320	1,964	-
07/27/23	219331	FD4928	1114 E LEVEE STREET EL JARDIN HOTEL - TEMPORARY SERVICE	5,209	-	-
09/13/23	222011	FD4929	MCDAVITT BLVD AND ROOSEVELT ST	2,209	1,827	-
04/21/23	214141	FD4930	6105 AND 6109 CHARMAINE LANE DUPLEXES; Economic Incentive = \$12,002.86.	46,835	2,772	-
09/08/23	221631	FD4931	795 FRUITDALE RD	17,392	17,392	-
09/08/23	221624	FD4932	330 RANCHO VIEJO BLVD	9,472	9,472	-
03/17/22	194351	FD4933	40881 STATE HIGHWAY 48 FORZA STEEL	228,574	202,792	-
CARRYOVER NEW CONNECTION PROJECT TOTAL				\$ 1,586,379	\$ 667,029	\$ -
04/26/19	133788	ED5431	ROSEWOOD ESTATES SECTION I OFF OF FM 1732 AND SUMMER HILL BLVD	-	-	-
04/11/19	132827	ED5435	PALO ALTO SUBDIVISION OFF OF FM 511 / SH 550	-	-	-
05/14/19	134674	ED5436	SANTANDER PHASE IV SUBDIVISION BETWEEN LAREDO RD AND BASQUE DR ON SEVILLA ST, GALICIA CT AND TOLOSA ST	4,855	4,855	-

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**Capital Project Listing – FY 2023**  
**For All Carryover Electric Utility Projects - Continued**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
10/14/19	143654	ED5437	EL CHAPARRAL SUBDIVISION OFF OF E MORRISON ROAD	-	-	-
10/23/19	144221	ED5441	LAGO VISTA PHASE VI SEC. III SUBDIVISION OFF OF LAGO VISTA BLVD AND RAINFOREST DR	14,584	14,584	-
02/05/20	150171	ED5442	QUEENSLAND SUBDIVISION, SECTION 3 OFF OF STAGECOACH TRAIL	-	-	-
02/05/20	150173	ED5444	CROSS COUNTRY TRAILS SUBDIVISION SECTION 9 OFF OF SAGEBRUSH RD AND ABILENE TRAIL	-	-	-
02/19/20	150882	ED5445	SIMMONS PLACE SUBDIVISION OFF OF W MORRISON RD AND SIMMONS BLVD	-	-	-
11/12/20	167001	ED5448	TRAIL VILLAGE APARTMENTS 48 UNITS AND CLUBHOUSE AT 25 PASEO PLAZA BLVD	-	-	-
11/12/20	167055	ED5450	PALO ALTO SUBDIVISION PHASE 2 OFF OF CASTILLO ST AND JOAQUIN ST	-	-	-
08/04/20	160415	ED5451	THE GROVES: PHASE I - BUTTERFLY GROVE OFF OF OLD ALICE RD	-	-	-
03/22/21	175147	ED5453	PALMETTO GROVE SUBDIVISION PHASE II OFF OF DATE DR AND PALMAE DR	3,568	-	-
12/08/20	168704	ED5455	1904 CENTRAL BLVD BROWNSVILLE LOFTS	1,214	1,214	-
01/20/22	191425	ED5459	3503 BOCA CHICA BLVD STE 3	339	339	-
07/22/21	182120	ED5463	SUMMER LAKES SUBDIVISION PHASE I (89 LOTS) OFF OF SUMMERHILL BLVD	-	-	-
05/09/22	197232	ED5464	CROSS COUNTRY TRAILS SUBDIVISION SECTION 9 BY INTERSECTION OF SAGEBRUSH RD AND TUMBLEWEED CT	-	-	-
06/23/22	199521	ED5465	MAJESTIC PALM HEIGHTS SUBDIVISION, PHASE 1 OFF OF STAGECOACH TRAIL	-	-	-
07/27/22	201038	ED5468	3721 E RUBEN TORRES BLVD MIDTOWN APARTMENTS PHASE 1	151,736	-	-
07/18/22	200674	ED5469	2815 E PRICE RD SAN LUCAS DUPLEXES - 38 UNITS	41,925	-	-
01/05/23	208336	ED5473	PRISMA HEIGHTS SUBDIVISION TEMPORARY NEW CONNECTION	3,722	884	-

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Electric Utility Projects - Continued**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
12/19/22	207780	ED5478	HEAVEN'S GATE SUBDIVISION (67 LOTS) OFF OF GAMEZ DR AND RUBEN M TORRES BLVD	146,197	-	-
02/03/23	209697	ED5480	4005 JAIME ZAPATA AVE LAS CASITAS HOUSING COMPLEX (10 UNITS)	74,414	23,685	-
12/19/22	207768	ED5481	COUNTRY CLUB ESTATES (36 LOTS) OFF OF MAYORCA AVE AND LAKE MONTERREY CIR	72,967	72,967	-
12/29/22	208092	ED5482	2107 VILLAGE CENTER ABRAHAM APARTMENTS (30 UNITS)	53,505	-	-
10/25/22	205320	ED5483	SANTANDER RESIDENTIAL SUBDIVISION LOTS 36 - APARTMENTS (4 UNITS PER LOT)	264,929	252,145	-
12/27/21	190366	ED5484	SUMMER LAKES SUBDIVISION PHASE 2 (121 LOTS) OFF OF SUMMERHILL BLVD AND LAKE SHASTA	427,829	404,466	-
03/29/23	212595	ED5485	LUGO APARTMENTS (30 UNITS) AT 165 RUBEN M TORRES BLVD	61,303	55,100	-
N/A	N/A	N/A	NEW SUBDIVISIONS UNENCUMBERED CARRYOVER FUNDING	236,357	236,357	-
CARRYOVER SUBDIVISION PROJECT TOTAL				\$ 1,559,444	\$ 1,066,596	\$ -
01/28/15	56501	ED7659	PORT OF BROWNSVILLE LIGHTING PROJECT ON CAPTAIN DONALD FOUST ROAD, MILO ROAD, WINDHAUS ROAD, RL OSTOS ROAD, LIQUID CARGO DOCK ROAD AND OLD SH 48	-	-	-
07/09/19	137959	ED7775	ALTON GLOOR BLVD PHASE 4 - HPS TO LED STREET LIGHT CONVERSION FROM W TANDY RD TO EXPRESSWAY 77/83	7,847	7,847	-
07/31/19	139412	ED7785	SPANISH TRAILS ESTATES PHASE 1 ON NORTHSORE TRAIL, MEMORIAL TRAIL, RIDGE TRAIL, AZALEA TRAIL AND ALAMO TRAIL	25,344	25,344	-
01/22/21	171378	ED7804	5113 BRANSON PLACE	2,160	2,160	-
01/26/21	171625	ED7805	1564 SUNSHINE RD	2,340	2,340	-
07/29/19	139289	ED7817	722 E MONROE ST	711	711	-
01/21/21	171322	ED7820	1044 ARTHUR STREET	397	397	-
01/28/21	171769	ED7821	1508 E MADISON ST	397	397	-
07/25/19	139065	ED7823	416 FM 511 STILLMAN DOG PARK	13,686	-	-

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**Capital Project Listing – FY 2023**  
**For All Carryover Electric Utility Projects - Continued**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
08/26/21	183974	ED7827	6700 PAREDES LINE RD - HPS TO LED CONVERSION ALONG PINEDA BLVD, GBIC CIRCLE AND INDUSTRIAL CIRCLE	-	-	-
07/29/21	182461	ED7834	CALLE RETAMA AND CALLE JACARANDA	364	364	-
06/04/21	179465	ED7836	284 CREEKBEND DR	161	161	-
07/27/21	182350	ED7837	1557 E LEVEE STREET	2,308	2,308	-
01/07/21	170375	ED7838	605 GALVESTON RD	775	775	-
01/11/22	190881	ED7839	OLD PORT ISABEL RD OFF OF MEADOW GLEN DR AND DOLORES AVE	754	-	-
01/12/22	190945	ED7840	1395 ACACIA LAKE DR	157	157	-
01/13/22	191015	ED7841	SAN PEDRO LANE	-	-	-
N/A	N/A	N/A	STREET LIGHT INSTALLATIONS UNENCUMBERED CARRYOVER FUNDING	7,431	7,431	-
CARRYOVER STREET LIGHT PROJECT TOTAL				\$ 64,833	\$ 50,393	\$ -
N/A	N/A	ED6000	EMERGENCY TROUBLE CALL (INFRASTRUCTURE IMPROVEMENTS) Activity for use when work order is not available at time of emergency.	1,671,711	-	-
12/19/18	126193	FD6701	700 AMELIA EARHART DR	-	-	-
03/08/19	130868	FD6711	720 E FRONTON ST	-	-	-
06/21/19	136882	FD6723	328 LORENALY	-	-	-
09/11/19	141812	FD6733	2954 TULIPAN ST	3,215	3,215	-
08/27/19	141053	FD6734	2977 WEST TANDY RD STILLMAN MIDDLE SCHOOL	349	349	-
12/27/19	147967	FD6747	925 W JEFFERSON ST	-	-	-
02/26/20	151290	FD6758	3254 BOCA CHICA BLVD	584	584	-
06/27/18	115562	FD6759	2615 E PRICE RD HANNA ECHS GYMNASIUM	-	-	-
04/08/20	153525	FD6766	2989 CENTRAL BLVD	-	-	-
05/13/20	155435	FD6769	114 CALLE JACARANDA METER REPLACEMENT	1,286	1,286	-
05/21/20	155863	FD6770	301 MEXICO BLVD	5,166	5,166	-

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**Capital Project Listing – FY 2023**  
**For All Carryover Electric Utility Projects - Continued**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
05/29/20	156319	FD6772	154 E SAINT FRANCIS ST	-	-	-
02/27/20	151437	FD6773	203 NORTH DRIVE	-	-	-
08/28/20	158792 amended	FD6781	2100 LAREDO RD	-	-	-
08/26/20	161836	FD6788	2425 BARNARD RD	401	401	-
08/20/20	161453	FD6792	90 S VERMILLION	-	-	-
12/07/20	168560	FD6806	2701 PAREDES LINE RD	-	-	-
12/23/20	169583	FD6813	1040 W JEFFERSON ST	6,569	6,569	-
02/09/21	172526	FD6814	6720 PAREDES LINE RD	5,258	5,258	-
02/11/21	172762	FD6817	4201 CAPTAIN DONALD FOUST RD	553	553	-
04/01/21	175725	FD6820	2000 MINERAL LOOP	-	-	-
03/16/21	174754	FD6821	COFFEEPORT & PADRE ISLAND HWY	814	814	-
04/13/21	176243	FD6822	1424 GUADALAJARA CT	-	-	-
04/20/21	176747	FD6823	127 BATES ST	224	224	-
11/16/20	167236	FD6824	6720 PAREDES LINE RD CK TECHNOLOGIES PAD MOUNT PRIMARY METER	-	-	-
04/22/21	154217	FD6826	2450 COURAGE ST SWITCH GEAR REPLACEMENT	26,264	26,264	-
06/03/21	179368	FD6830	1900 RIDGLEY RD - TSC	-	-	-
06/25/21	180685	FD6832	2702 LA VILLITA ST LIFT STATION NO. 8	9,524	9,524	-
07/13/21	181572	FD6834	RANCHO DEL CIELO TRANSFORMERS REPLACEMENT	17,266	17,266	-
07/26/21	182285	FD6836	1040 W JEFFERSON ST	1,664	1,664	-
08/24/21	183845	FD6839	409 E 13TH STREET	-	-	-
10/08/21	186350	FD6841	55 GALONSKY ST	-	-	-
07/09/21	181355	FD6843	3401 NAFTA PARKWAY	-	-	-
09/22/21	185302	FD6844	1995 MILITARY HWY	2,972	2,972	-
11/29/21	189022	FD6845	9950 OLD STATE HWY 48	191	191	-

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**Capital Project Listing – FY 2023**  
**For All Carryover Electric Utility Projects - Continued**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
08/02/22	184916	FD6847	2925 WESLACO RD	-	-	-
	amended					
12/09/21	189679	FD6849	1000 CAPTAIN DONALD FOUST RD	-	-	-
02/11/21	172671	FD6850	2600 OLD ALICE RD	7,042	7,042	-
08/18/21	183576	FD6855	4750 EXPRESSWAY 77 NORTH FRONTAGE ROAD DHR REMODEL	-	-	-
02/16/22	192853	FD6858	98 OLD MILITARY HWY GUY WIRES REPLACEMENT FOR WEST RAIL TRAIL PROJECT	-	-	-
05/03/22	196776	FD6859	800 W JEFFERSON ST	-	-	-
05/31/22	198215	FD6860	2217 W WASHINGTON BLVD	-	-	-
05/23/22	197897	FD6862	1501 E JACKSON STREET	17	17	-
06/24/22	199597	FD6864	8925 SOUTHMOST BLVD	858	858	-
05/04/22	196880	FD6865	7942 SOUTHMOST BLVD	3,137	3,137	-
05/20/22	197820	FD6867	4207 OLD HIGHWAY 77	530	530	-
06/10/22	198941	FD6868	101 EL PASO RD	609	609	-
07/27/22	201090	FD6872	78 MCLELLAND	-	-	-
10/07/22	204480	FD6880	1 BOULEVARD OF CHAMPIONS PRIMARY METER REPLACEMENT	20,232	-	-
08/10/22	201856	FD6881	901 E FILMORE ST	48,841	4,525	-
08/10/22	201866		RESACA ELEMENTARY POLES AND TRANSFORMER POLE REMOVAL AND STREET LIGHTS RELOCATION			
10/05/22	204341	FD6882	1900 BILLY MITCHELL BLVD SPACE X	3,060	-	-
12/28/22	208030	FD6884	3734 INTERNATIONAL BLVD	14,016	3,169	-
12/14/22	207633	FD6886	SUMMER HILL BLVD / FM 1732	9,876	5,160	-
02/14/23	210362	FD6887	PALO ALTO DRIVE	11,444	-	-
04/06/23	213060	FD6889	1 BOULEVARD OF CHAMPIONS PARKING LOT POLE REMOVALS AND CABLE INSTALL	10,397	-	-
03/07/23	211241	FD6890	3751 CATTADORI CT	3,823	2,975	-
03/24/23	212327	FD6891	CANTU ROAD AUSTIN DETONATOR CO.	26,491	26,491	-

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**Capital Project Listing – FY 2023**  
**For All Carryover Electric Utility Projects - Continued**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
03/16/23	211783	FD6893	176177 R L OSTOS RD	14,048	11,041	-
06/09/23	216691	FD6895	10150 OLD STATE HIGHWAY 48 TRANSMONTAIGNE	2,252	888	-
05/10/23	215192	FD6898	N CENTRAL AVENUE RELOCATE POLE AT CENTRAL PARK COMMUNITY SUBDIVISION	8,382	-	-
06/28/23	217621	FD6899	HUDSON AND RUBEN M TORRES BLVD	13,745	13,745	-
06/28/23	217681	FD6900	2100 RUBEN M TORRES BLVD	7,640	7,640	-
06/22/23	217301	FD6901	844 C STREET	2,366	2,366	-
06/09/23	216699	FD6902	10150 OLD STATE HIGHWAY 48	9,669	5,679	-
07/24/23	219158	FD6905	E. ALTON GLOOR BLVD/STAGECOACH TRL INTERSECT	13,871	13,871	-
07/18/23	218837	FD6906	254 CALLE CENIZO	2,988	2,818	-
07/28/23	219400	FD6907	54 S PRICE RD	7,962	-	-
04/10/23	213169	FD6908	296 LORENALY RD	13,553	5,733	-
09/22/23	222581	FD6909	9 CONQUISTADOR ST	12,142	12,142	-
N/A	N/A	N/A	TROUBLE CALLS & SERVICE INCREASES (INFRASTRUCTURE IMPROVEMENTS); UNENCUMBERED CARRYOVER FUNDING	85,956	85,956	-
CARRYOVER TROUBLE CALL PROJECT TOTAL				\$ 2,108,957	\$ 298,691	\$ -
OVERALL CARRYOVER ELECTRIC UTILITY PROJECT TOTAL				\$ 13,548,037	\$ 7,958,113	\$ 2,313,918

**Capital Project Listing – FY 2023**  
**For All Carryover Water & Wastewater Utility Projects**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
N/A	N/A	CDAM	CHANNEL DAM	-	-	-
03/27/20	79851 amended	WT1015	CAUSTIC SODA FEED IMPROVEMENTS AT WATER PLANT NO. 2	11,178	-	-
09/12/22	83301 amended	WD1025	2.0 MG ELEVATED STORAGE TANK DESIGN AND ENGINEERING	780,903	-	161,169
07/12/18	100741 amended	WD1077	MAG METER ON 24" DISTRIBUTION LINE DESIGN AND ENGINEERING	-	-	-
02/01/18	107225	WD1093	FM 802 WATER MAIN LOOP ON FM 802 BETWEEN COFFEEPORT RD AND WOODSTONE DR; ENGINEERING	-	-	-
02/01/18	107226	WD1094	WEST 5TH STREET WATER MAIN LOOP OFF OF W FRONTON ST, W 5TH ST AND RAILROAD TRACKS; ENGINEERING	4,511	-	-
12/11/18	122556 amended	WT1161	AERATION STRUCTURE REHABILITATION ENGINEERING (RFQ020-18 PACKET 3)	91,805	83,198	805
12/11/18	123897 amended	WT1162	AERATION TANK REPLACEMENT ENGINEERING (RFQ020-18 PACKET 3)	94,151	85,544	805
11/06/18	123946	WT1168	36-INCH MAG METER FOR WATER TREATMENT PLANT I	-	-	-
12/04/18	125343	WT1172	RAW WATER PUMP STATION AT WATER PLANT I - ENGINEERING PACKET NO. 4 (RFQ020-18)	-	-	21,362
12/04/18	125336	WT1173	HIGH SERVICE PUMP STATION NO. 1 AT WATER PLANT I - ENGINEERING PACKET NO. 4 (RFQ020-18)	38,308	24,720	2,005
12/04/18	125337	WT1174	HIGH SERVICE PUMP STATION NO. 2 AT WATER PLANT I - ENGINEERING PACKET NO. 4 (RFQ020-18)	23,775	17,107	984
12/04/18	125357	WT1175	HIGH SERVICE PUMP STATION (5 VERTICAL TURBINE PUMPS) AT WATER PLANT II - ENGINEERING PACKET NO. 4 (RFQ020-18)	27,577	19,591	1,179
12/05/18	125392	WT1176	RAW WATER PUMP STATION AT WATER PLANT II - ENGINEERING PACKET NO. 4 (RFQ020-18)	21,238	14,940	929

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**Capital Project Listing – FY 2023**  
**For All Carryover Water & Wastewater Utility Projects**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
02/22/19	129853	WA1195	REPLACEMENT OF TWO AIR CONDITION UNITS AND TWO AIR DUCTS FOR SRWA	-	-	-
11/05/19	145160	WA1243	ADMINISTRATION BUILDING FIRE SYSTEM UPGRADE	-	-	-
11/05/19	145164	WA1244	DOOR ACCESS SYSTEM UPGRADE	-	-	-
11/05/19	145157	WS1258	20-INCH MAGNETIC FLOW METER ON THE HIGH SERVICE HEADER	-	-	-
10/01/20	164427	WA1273	WATER PLANT NO. 1 CAMERA SYSTEM	58,500	58,500	-
08/23/21	182386	WD1303	SOUTHMOST RD SURVEY FOR WATERLINE EXTENSION TO JOINT TACTICAL TRAINING FACILITY FROM DAKOTA AVE TO INDIANA AVE	-	-	-
11/08/21	188267	WT1309	REVERSE OSMOSIS SYSTEM IMPROVEMENTS	-	-	-
01/03/22	190568	WA1319	ADVANCED METERING INFRASTRUCTURE - WATER	3,202,283	561,294	-
12/02/22	206916	WD1341	WATER VALVE REPLACEMENT PHASE 4 - ENGINEERING	35,453	31,077	-
02/09/23	166073 amended	WT1351	WATER PLANT NO. 1 TRAIN A AND TRAIN C CONCRETE STRUCTURE REPAIR PROJECT	186,475	182,061	-
02/28/23	210866	WT1357	NEW PUMP AND MOTOR FOR CLARIFIER DRAIN SLUDGE PUMP AT WP1	21,538	548	15,462
04/03/23	212767	WA1362	TWO EACH HVAC SYSTEM REPLACEMENTS AT ADMINISTRATION FACILITY	-	-	-
04/10/23	213212	WS1363	BOOSTER PUMP NO. 3 REPLACEMENT	-	-	-
05/22/23	215771	WT1367	FLOCCULATION TRAIN STRUCTURAL IMPROVEMENT PROJECT AT WATER PLANT NO. 2	57,926	57,926	-
08/04/23	219822	WT1373	REPLACE 250HP VFD ENCLOSURE FOR 250HP WITH BYPASS CONFIGURATION FOR RAW WATER PUMP 2	31,274	-	-
N/A	N/A	N/A		-	-	-
CARRYOVER CONSTRUCTION PROJECT TOTAL				\$ 4,686,895	\$ 1,136,506	\$ 204,699
06/29/17	94651	WD5350	RESACA CROSSING SUBDIVISION ON HUDSON BLVD AND RUBEN TORRES BLVD DEVELOPER INSTALLED IMPROVEMENTS	2,351	-	-

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Water & Wastewater Utility Projects**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
06/29/18	115696	WD5369	LA CANTERA LEGACY APARTMENTS OFF OF RUBEN M TORRES BLVD DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
CARRYOVER SUBDIVISION PROJECT TOTAL				\$ 2,351	\$ -	\$ -
N/A	N/A	WD6000	EMERGENCY WATER UTILITY REPLACEMENT <small>Activity for use when work order not available at time of emergency.</small>	-	-	-
02/01/18	107227	WD6096	S OLD ALICE RD AND SUNSET DR UTILITY IMPROVEMENTS; ENGINEERING	113	-	-
02/01/18	107228	WD6097	TARA PLACE, DIX DRIVE AND HACIENDA LANE UTILITY IMPROVEMENTS OFF OF LA FERIA ROAD; ENGINEERING	-	-	-
03/27/18	110633	WD6101	624 VILLA VERDE WATER LINE ADJUSTMENT	-	-	-
09/26/22	203877	WD6113	HOUSTON ROAD UTILITY ADJUSTMENT	18,186	-	-
CARRYOVER RELOCATION/REPLACEMENT OF LINES PROJECT TOTAL				\$ 18,299	\$ -	\$ -
There are no projects in this category.						
CARRYOVER NEW CONNECTION PROJECT TOTAL				\$ -	\$ -	\$ -
OVERALL CARRYOVER WATER UTILITY PROJECT TOTAL				\$ 4,707,545	\$ 1,136,506	\$ 204,699
09/29/22 amended	123906	ST1163	AEROBIC DIGESTER BLOWERS AT NWWTP ENGINEERING (RFQ020-18 PACKET 3) AND EQUIPMENT PURCHASE	193,290	177,983	1,383
12/11/18 amended	123197	ST1164	HIGH EFFICIENT BLOWERS AT SWWTP ENGINEERING (RFQ020-18 PACKET 5)	-	-	-
04/12/21 amended	123235	ST1165	INFLUENT CHANNEL AT SWWTP ENGINEERING (RFQ020-18 PACKET 5) AND CONSTRUCTION	36,651	-	-
03/30/21 amended	123422	ST1166	DIGESTER TANK REPLACEMENT AT SWWTP ENGINEERING (RFQ020-18 PACKET 5) AND CONSTRUCTION	270,498	-	-
03/30/21 amended	123482	ST1167	AERATION BASIN NO. 3 AT SWWTP ENGINEERING (RFQ020-18 PACKET 5) AND CONSTRUCTION	88,609	-	-
12/05/18	125393	ST1177	BELT FILTER PRESS AT SOUTH WASTEWATER TREATMENT PLANT - ENGINEERING PACKET NO. 4 (RFQ020-18)	23,277	15,978	1,077

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Water & Wastewater Utility Projects**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
12/05/18	125395	ST1178	NON-POTABLE PUMP AND MOTOR NO. 1 AT SOUTH WASTEWATER TREATMENT PLANT - ENGINEERING PACKET NO. 4 (RFQ020-18)	24,883	17,227	1,130
12/05/18	125397	ST1179	NON-POTABLE PUMP AND MOTOR NO. 1 AT ROBINDALE WASTEWATER TREATMENT PLANT - ENGINEERING; PACKET NO. 4 (RFQ020-18)	29,349	20,749	1,269
11/30/22	159629 amended	ST1268	CHLORINE CONTACT CHAMBER SLUICE GATE REPLACEMENT PROJECT AT SWWTP - ENGINEERING AND CONSTRUCTION	359,182	280,484	93,355
03/30/21	169054 amended	ST1278	HEADWORKS GRIT SYSTEM UPGRADE AND RETROFIT (PACKET 5) AT SOUTH WWTP	572,338	563,069	2,092
08/18/23	172650 amended	SC1285	PORTWAY PLACE SUBDIVISION UTILITY IMPROVEMENTS - COB STREET PROJECT ON E 11TH STREET, E 12TH STREET AND PORTWAY STREET	205,643	100,000	-
04/28/21	177196	SC1298	S INDIANA FM 511 UTILITY ADJUSTMENTS ON S INDIANA (FM 511) BETWEEN UTAH RD AND TORONJA RD	114,114	-	-
12/15/21	189980	SC1318	FM 802 RUBEN TORRES TXDOT PROJECT OFF OF RUBEN TORRES BLVD / CASTELLANO CIRCLE	5,312	-	-
05/31/23	216378	SC1368	COB CITY STREETS CONTRACT - DISTRICT 1 E 14TH STREET IMPROVEMENTS PROJECT	15,430	5,310	10,120
07/21/23	219067	SP1371	LIFT STATION NO. 90 PUMP REPLACEMENTS AT 61 SOTO DR	72,268	72,268	-
CARRYOVER CONSTRUCTION PROJECT TOTAL				\$ 2,010,844	\$ 1,253,069	\$ 110,426
There are no projects in this category.						
CARRYOVER SUBDIVISION PROJECT TOTAL				\$ -	\$ -	\$ -
N/A	N/A	SC6000	EMERGENCY WASTEWATER UTILITY REPLACEMENT <small>Activity for use when work order not available at time of emergency.</small>	-	-	-
12/12/17	104049	SC6095	PALM VILLAGE UTILITY IMPROVEMENTS AT 1400 PALM BLVD; ENGINEERING	57,793	57,793	-
02/01/18	107229	SC6098	RENTFRO BLVD UTILITY IMPROVEMENTS FROM SHIDLER DRIVE TO EASTERN BLVD; ENGINEERING	42,457	42,457	-

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Water & Wastewater Utility Projects**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
01/18/19	127765	SC6104	OLD PORT ISABEL ROAD 24-INCH DIAMETER FORCE MAIN REPLACEMENT BETWEEN PRICE ROAD AND RUBEN TORRES BLVD - ENGINEERING	4,328	-	-
08/14/23	204776 amended	SC6111	CITY STREETS CONTRACT - OLD HWY 77 DISTRICT 4 ON OLD HWY 77 BETWEEN RUBEN TORRES AND MORRISON RD; ENGINEERING	223,107	23,303	-
12/12/22	207561	SC6114	DOWNTOWN WATER AND WASTEWATER PROJECT 1 - WASTEWATER UTILITY IMPROVEMENTS	-	-	-
08/15/23	220521	SC6116	COB - CIP 03 WILDROSE LANE UTILITY IMPROVEMEN ON WILDROSE LANE BETWEEN HONEYDALE AVE AND CORIA ST	55,943	-	-
CARRYOVER RELOCATION/REPLACEMENT OF LINES PROJECT TOTAL				\$ 383,628	\$ 123,553	\$ -
07/29/16	30301 amended	SC9265	SOUTH COLONIAS OF BROWNSVILLE CORONADO, COLONIA 21 SUBDIVISION, DOCKBERRY ESTATES, MILPA VERDE, AND PALOMA BLANCA ENGINEERING	-	-	-
08/23/21	30302 amended	SC9266	NORTH COLONIAS OF BROWNSVILLE LAS FLORES, PALACIOS, CENTRAL ESTATES, PRAXEDIS SALDIVAR, AND UNSERVED PORTIONS ALONG OLD PORT ISABEL RD; ENGINEERING	-	-	-
CARRYOVER NEW CONNECTION PROJECT TOTAL				\$ -	\$ -	\$ -
OVERALL CARRYOVER WASTEWATER UTILITY PROJECT TOTAL				\$ 2,394,472	\$ 1,376,621	\$ 110,426
06/07/18	112900 amended	WD1110	BROWNSVILLE AIRPORT TERMINAL PROJECT AT 700 AMELIA EARHART DR	312	-	-
06/07/18	112909 amended	SC1110	DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
02/22/22	172156 172157 amended	WD1283 SC1283	AVENIDA DE LA PLATA, ELSA STREET, MARVIS STREET AND SAN PEDRO LANE; CITY STREETS UTILITY IMPROVEMENTS - COB STREET PROJECT ENGINEERING	29,183 27,043	15,772 10,746	7,977 7,984
02/11/21	172672 172673	WD1284 SC1284	CALVIN STREET UTILITY IMPROVEMENT COB STREET PROJECT	10,724 10,724	10,724 10,724	1,243 -
07/27/22	172640 172645 amended	WD1286 SC1286	COB CONTRACT NO. 3 UTILITY IMPROVEMENTS AT JOSE MARTI BLVD, CALLE BUENOS AIRES, CALLE COSTA RICA AND CALLE NORTENA ENGINEERING AND CONSTRUCTION	111,513 280,760	108,684 269,450	1,675 5,053

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Water & Wastewater Utility Projects**  
**Improvement Fund**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
06/22/20	N/A	WD3965	WATER UTILITY IMPROVEMENTS	-	-	-
06/22/20	N/A	SC3965	WASTEWATER UTILITY IMPROVEMENTS FOR THE ANNEX ADMIN. BUILDING	-	-	-
03/27/23	212484	WD1361	OWENS ROAD BRIDGE UTILITY	45,074	25,717	19,357
	212476	SC1361	ADJUSTMENTS (PHASE I)	84,941	39,774	45,167
CARRYOVER CONSTRUCTION PROJECT TOTAL				\$ 600,274	\$ 491,591	\$ 88,456
10/12/15	65798	WD5327	WINDSOR SUBDIVISION	-	-	-
	65799	SC5327	3705 BOCA CHICA BLVD DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
CARRYOVER SUBDIVISION PROJECT TOTAL				\$ -	\$ -	\$ -
02/01/18	107271	WD6099	LOS EBANOS BLVD UTILITY IMPROVEMENTS	-	-	-
02/01/18	107265	SC6099	BETWEEN EAST DRIVE AND HONEYDALE ROAD - ENGINEERING	53,814	-	-
04/22/22	177297	WD6107	E 15TH STREET UTILITY IMPROVEMENTS	2,442	-	-
04/22/22	177300 amended	SC6107	ON E 15TH ST BETWEEN JEFFERSON ST AND TYLER ST	167,423	-	-
CARRYOVER RELOCATION/REPLACEMENT OF LINES PROJECT TOTAL				\$ 223,679	\$ -	\$ -
There are no projects in this category.						
CARRYOVER NEW CONNECTION PROJECT TOTAL				\$ -	\$ -	\$ -
CARRYOVER WATER & WASTEWATER UTILITY PROJECT TOTAL				\$ 823,953	\$ 491,591	\$ 88,456
OVERALL CARRYOVER WATER UTILITY TOTAL				\$ 4,906,793	\$ 1,297,403	\$ 234,951
OVERALL CARRYOVER WASTEWATER UTILITY TOTAL				\$ 3,019,177	\$ 1,707,315	\$ 168,630
OVERALL CARRYOVER WATER & WASTEWATER UTILITY PROJECT TOTAL				\$ 7,925,970	\$ 3,004,719	\$ 403,581



**Summary Expenditure Report  
For All Carryover Projects – FY 2023  
For All Other Capital Funds**

	<b>FY 2023 BEGINNING BALANCE</b>	<b>FY 2023 ENDING BALANCE</b>	<b>DEFERRED BUDGET</b>	<b>CARRYOVER BUDGET TOTAL</b>	<b>FY 2024 APPROVED BUDGET</b>	<b>APPROVED BUDGET TOTAL</b>
<b>FUTURE DEBT BOND PROCEEDS \$ 23,514,334 \$ 10,717,667 \$ 3,615,052 \$ 14,332,719 \$ 21,534,820 \$ 35,867,539</b>						
<b>PROJECTS (COMMERCIAL PAPER) TOTAL</b>						
<b>IMPACT FEES TOTAL</b>	<b>3,918,201</b>	<b>1,362,473</b>	<b>1,389,123</b>	<b>2,751,596</b>	<b>1,039,631</b>	<b>3,791,227</b>
<b>GRANT FUNDS TOTAL</b>	<b>1,482,709</b>	<b>573,580</b>	<b>1,252,079</b>	<b>1,825,659</b>	<b>12,231,241</b>	<b>14,056,900</b>
<b>RESACA FEE CIP</b>	<b>-</b>	<b>-</b>	<b>349,315</b>	<b>349,315</b>	<b>1,071,552</b>	<b>1,420,867</b>
<b>OTHER CAPITAL FUNDS</b>						
<b>APPROVED BUDGET TOTAL</b>	<b>\$ 28,915,244</b>	<b>\$ 12,653,720</b>	<b>\$ 6,605,568</b>	<b>\$ 19,259,289</b>	<b>\$ 35,877,244</b>	<b>\$ 55,136,533</b>

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**Capital Project Listing – FY 2023**  
**For All Carryover Projects**  
**Future Debt Bond Proceeds Projects (Commercial Paper)**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
09/21/21	185261	EA1307	FIBER OPTIC LINE EXTENSION TO SPACEX PHASE 1 - OFF OF S CENTRAL AVE ALONG MORNINGSIDE RD TO 1900 BILLY MITCHELL BLVD PHASE 2 - FROM BILLY MITCHELL BLVD, S IOWA AVE AND LES MAULDIN RD TO 2100 LES MAULDIN RD	-	-	-
N/A	N/A	ED1000	ELECTRIC SYSTEM CONSTRUCTION CONTRACT - ELECTRIC DISTRIBUTION	63,295	-	-
03/13/20	152239	ED1259	BILLY MITCHELL BLVD STREET LIGHTS UPGRADE	-	-	-
09/02/22	202825	ED1303	8925 SOUTHMOST BLVD C.O.B. AND TXDPS JOINT TACTICAL TRAINING FACILITY	34,747	34,747	-
11/02/21	187752	ED1320	101 SAINT JOSEPH DR - ALTERNATIVE FEEDER ST JOSEPH ACADEMY	-	-	-
12/01/21	189099	ED1321	244 SECURITY DR AUTOZONE	-	-	-
08/03/22	201424	ED1344	ROBINDALE WWTP UNDERGROUND 3-PHASE TRANSFORMER PROJECT	16,296	16,296	-
06/27/19	137370	ED3965	ALTERNATE SERVICE FEEDER FOR ANNEX	-	-	-
04/26/19	133788	ED5431	ROSEWOOD ESTATES SECTION I OFF OF FM 1732 AND SUMMER HILL BLVD	-	-	-
08/04/20	160415	ED5451	THE GROVES: PHASE I - BUTTERFLY GROVE OFF OF OLD ALICE RD	-	-	-
03/22/21	175147	ED5453	PALMETTO GROVE SUBDIVISION PHASE II OFF OF DATE DR AND PALMAE DR	51,934	-	-
07/22/21	182120	ED5463	SUMMER LAKES SUBDIVISION PHASE I (89 LOTS) OFF OF SUMMERHILL BLVD	32,821	-	-
06/23/22	199521	ED5465	MAJESTIC PALM HEIGHTS SUBDIVISION, PHASE 1 OFF OF STAGECOACH TRAIL	47,040	-	-
07/27/22	201038	ED5468	3721 E RUBEN TORRES BLVD MIDTOWN APARTMENTS PHASE 1	80,426	80,426	-
07/18/22	200674	ED5469	2815 E PRICE RD SAN LUCAS DUPLEXES - 38 UNITS	17,897	17,897	-
07/22/22	200869	ED5470	STAGECOACH TRAIL UNDERGROUND 3-PHASE EXTENSION	-	-	-

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Projects**  
**Future Debt Bond Proceeds Projects (Commercial Paper) – Continued**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
07/07/22	200079	ED5474	EXTENSION TO ACACIA PLACE AT MADEIRA - PHASE 1 OFF OF US HWY 77/83	65,515	65,515	-
12/19/22	207780	ED5478	HEAVEN'S GATE SUBDIVISION (67 LOTS) OFF OF GAMEZ DR AND RUBEN M TORRES BLVD	106,210	3,581	-
12/19/22	207768	ED5481	COUNTRY CLUB ESTATES (36 LOTS) OFF OF MAYORCA AVE AND LAKE MONTERREY CIR	39,841	39,841	-
12/27/21	190366	ED5484	SUMMER LAKES SUBDIVISION PHASE 2 (121 LOTS) OFF OF SUMMERHILL BLVD AND LAKE SHASTA	-	-	-
01/11/22	190881	ED7839	OLD PORT ISABEL RD OFF OF MEADOW GLEN DR AND DOLORES AVE	-	-	-
10/05/20	164543	FD2199	6 FRUITDALE TERRACE	-	-	-
05/19/21	178637	FD4767	1144 INTERNATIONAL BLVD	-	-	-
06/10/21	179869	FD4768	529 PAREDES LINE RD	-	-	-
05/06/21	177629	FD4770	130 DOWNS DR	-	-	-
09/09/21	184617	FD4785	77 EXPWY 77 S FRONTAGE RD	-	-	-
09/13/21	184823	FD4792	1995 MILITARY HWY CIRCLE K	-	-	-
10/28/21	187564	FD4796	208 DIX DRIVE	-	-	-
10/29/21	187673	FD4797	225 PARK STREET	-	-	-
01/07/22	190790	FD4801	2954 IMPALA DR	-	-	-
01/27/22	191694	FD4804	12 MICHAEL CIR	-	-	-
11/04/21	188035	FD4805	813 PAREDES LINE RD	9,454	9,454	-
12/13/21	189826	FD4806	1000 SPORTS PARK BLVD	-	-	-
02/17/22	192923	FD4810	25 JUAREZ ST	-	-	-
03/21/22	194470	FD4812	1414 RUBEN M TORRES BLVD PERMANENT SERVICE	-	-	-
04/19/22	195983	FD4820	2345 E PRICE RD HACIENDA FORD	-	-	-
03/28/22	194839	FD4825	205 RANCHO ALTO TEMPORARY POWER FOR LF CISD MIDDLE SCHOOL	-	-	-
01/18/22	191270	FD4828	3300 S EXPRESSWAY 77 OFF OF LOS TOMATES BRIDGE	9,661	9,661	-

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Projects**  
**Future Debt Bond Proceeds Projects (Commercial Paper) – Continued**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
04/14/22	195838	FD4832	159000 R L OSTOS RD OFF OF SOUTH PORT CONNECTOR	-	-	-
06/07/22	198617	FD4846	2370 N EXPRESSWAY 77 BUBBA'S 33	8,300	8,300	-
02/07/23	196465 amended	FD4879	3761 RUBEN M TORRES BLVD	-	-	-
03/15/23	211718	FD4905	2114 BOCA CHICA BLVD CARENOW MEDICAL	-	-	-
04/20/21	176747	FD6823	127 BATES ST	1,000	1,000	-
09/22/21	185302	FD6844	1995 MILITARY HWY	-	-	-
11/29/21	189022	FD6845	9950 OLD STATE HWY 48	-	-	-
12/09/21	189679	FD6849	1000 CAPTAIN DONALD FOUST RD	-	-	-
02/16/22	192853	FD6858	98 OLD MILITARY HWY GUY WIRES REPLACEMENT FOR WEST RAIL TRAIL PROJECT	-	-	-
10/07/22	204480	FD6880	1 BOULEVARD OF CHAMPIONS PRIMARY METER REPLACEMENT	-	-	-
08/10/22	201856	FD6881	901 E FILMORE ST RESACA ELEMENTARY POLES AND TRANSFORMER	-	-	-
12/14/22	207633	FD6886	SUMMER HILL BLVD / FM 1732	-	-	-
03/16/23	211783	FD6893	176177 R L OSTOS RD	-	-	-
04/10/23	213169	FD6908	296 LORENALY RD	618,599	617,695	-
N/A	N/A	N/A	ELECTRIC SYSTEM UTILITY CONTRACT UNENCUMBERED CARRYOVER BUDGET	561,734	561,734	-
ELECTRIC SYSTEM CONSTRUCTION CONTRACT TOTAL				\$ 1,764,770	\$ 1,466,147	\$ -
09/19/16	79344	SP1008	LS 159 MOTOR CONTROL CENTER BUILDING AND ELECTRICAL UPGRADES	-	-	-
09/22/16	79548	SP1012	LIFT STATION NO. 68 REHABILITATION AT 4700 STAGECOACH TRAIL	6,939	-	-
09/22/16	79561	SP1013	LIFT STATION NO. 69 REHABILITATION AT 1580 LA POSADA DRIVE	18,347	18,347	-
11/01/16	81873	SA1023	A/C REPLACEMENT IN ADMIN. BUILDING OF SOUTH WASTEWATER TREATMENT PLANT	-	-	-

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Projects**  
**Future Debt Bond Proceeds Projects (Commercial Paper) – Continued**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
09/12/22	83301 amended	WD1025	2.0 MG ELEVATED STORAGE TANK DESIGN AND ENGINEERING	783,496	16,079	288,070
04/11/23	121496 amended	SP1135	LIFT STATION NO. 9 REHABILITATION WASTEWATER PUMPING STATION UPGRADES PACKET NO. 1 (RFQ Q020-18)	800,000	307,793	-
11/15/18	121769 amended	SP1136	LIFT STATION NO. 17 REHABILITATION WASTEWATER PUMPING STATION UPGRADES PACKET NO. 1 (RFQ Q020-18)	5,291	1,029	14,499
11/15/18	121770 amended	SP1137	LIFT STATION NO. 72 REHABILITATION WASTEWATER PUMPING STATION UPGRADES PACKET NO. 1 (RFQ Q020-18)	24,889	20,627	1,295
11/15/18	121771 amended	SP1138	LIFT STATION NO. 95 REHABILITATION WASTEWATER PUMPING STATION UPGRADES PACKET NO. 1 (RFQ Q020-18)	28,939	24,677	1,295
11/15/18	121772 amended	SP1139	LIFT STATION NO. 99 REHABILITATION WASTEWATER PUMPING STATION UPGRADES PACKET NO. 1 (RFQ Q020-18)	28,939	24,677	1,295
08/30/22	121773 amended	SP1140	LIFT STATION NO. 15 REHABILITATION WASTEWATER PUMPING STATION UPGRADES PACKET NO. 2 (RFQ Q020-18) - ENGINEERING AND CONSTRUCTION	1,000,000	295,248	368,811
12/21/18	121774 amended	SP1141	LIFT STATION NO. 63 REHABILITATION WASTEWATER PUMPING STATION UPGRADES PACKET NO. 2 (RFQ Q020-18)	-	-	54,286
12/21/18	121775 amended	SP1142	LIFT STATION NO. 106 REHABILITATION WASTEWATER PUMPING STATION UPGRADES PACKET NO. 2 (RFQ Q020-18)	-	-	15,855
11/15/18	122410 amended	SP1145	LIFT STATION NO. 89 REHABILITATION ENGINEERING (RFQ020-18 PACKET 1)	28,939	24,677	1,295
11/15/18	122450 amended	SP1146	LIFT STATION NO. 96 DECOMMISSION ENGINEERING (RFQ020-18 PACKET 1)	28,939	24,677	1,295
04/11/23	122385 amended	SP1147	LIFT STATION NO. 10 REHABILITATION ENGINEERING PHASE (RFQ020-18 PACKET 1)	500,000	492,238	144,362
04/11/23	122394 amended	SP1148	LIFT STATION NO. 11 REHABILITATION ENGINEERING PHASE (RFQ020-18 PACKET 1)	400,000	392,206	171,292
11/15/18	122396 amended	SP1149	LIFT STATION NO. 28 REHABILITATION ENGINEERING (RFQ020-18 PACKET 1)	28,939	24,677	1,295
11/15/18	122401 amended	SP1150	LIFT STATION NO. 43 REHABILITATION ENGINEERING (RFQ020-18 PACKET 1) AND CONSTRUCTION	429,808	422,046	115,452

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Projects**  
**Future Debt Bond Proceeds Projects (Commercial Paper) – Continued**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
11/15/18	122406 amended	SP1151	LIFT STATION NO. 58 REHABILITATION ENGINEERING (RFQ020-18 PACKET 1)	31,922	27,660	1,295
08/30/22	122468 amended	SP1152	LIFT STATION NO. 47 REHABILITATION NO. 2 (RFQ Q020-18) - ENGINEERING AND CONSTRUCTION	693,203	434,346	-
01/08/19	122486 amended	SP1153	LIFT STATION NO. 51 REHABILITATION ENGINEERING (RFQ020-18 PACKET 2)	258,000	100,000	-
01/08/19	122494 amended	SP1154	LIFT STATION NO. 67 REHABILITATION ENGINEERING (RFQ020-18 PACKET 2)	386,601	100,000	-
01/08/19	122553 amended	SP1155	LIFT STATION NO. 80 REHABILITATION ENGINEERING (RFQ020-18 PACKET 2)	31,083	31,083	-
01/08/19	122554 amended	SP1156	LIFT STATION NO. 101 REHABILITATION ENGINEERING (RFQ020-18 PACKET 2)	36,264	36,264	-
01/08/19	122555 amended	SP1157	LIFT STATION NO. 105 REHABILITATION ENGINEERING (RFQ020-18 PACKET 2)	335,837	335,837	-
03/04/22	124094 amended	SP1160	LIFT STATION NO. 140 REHABILITATION ENGINEERING (RFQ020-18 PACKET 1) & CONSTRUCTION	633,370	373,152	43,683
09/29/22	123906 amended	ST1163	AEROBIC DIGESTER BLOWERS AT NWWTP EQUIPMENT PURCHASE (RFQ020-18 PACKET 3)	3,000,000	2,803,385	6,518
12/04/18	125337	WT1174	HIGH SERVICE PUMP STATION NO. 2 AT WATER PLANT I - CONSTRUCTION	260,000	-	-
01/28/19	128395	WT1189	REPLACEMENT OF INFLUENT VALVES FOR 8 FILTERS AT WATER PLANT I - ENGINEERING	-	-	-
01/28/19	128470	WT1190	REPLACEMENT OF DRAIN VALVES FOR DRYING LAGOONS AT WATER PLANT I - ENGINEERING	58,500	58,500	-
07/27/22	127758 amended	WD1201	39-INCH DIAMETER RAW WATER LINE REPLACEMENT AT ROTARY PARK - ENGINEERING AND CONSTRUCTION	526,753	442,460	-
12/03/19	146429	SA1245	NWWTP BLOWER BUILDING NO. 1 ROOF REPLACEMENT	6,112	-	-
12/02/19	146371	ST1246	REPLACEMENT OF EFFLUENT RIVER PUMP AND MOTOR NO. 3 AT SWWTP	-	-	-
01/22/20	149188	ST1254	4 EACH BLOWER REPLACEMENTS AT SOUTH WASTEWATER TREATMENT PLANT	44,304	-	-
02/09/23	148831 amended	ST1255	REHABILITATION OF VACUUM TRUCK UNLOADING STATION - ENGINEERING AND CONSTRUCTION; AT ROBINDALE WASTEWATER TREATMENT PLANT	553,916	175,413	215,349

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02/28/20	151468	ST1257	THREE SLUICE GATE VALVE REPLACEMENT AT ROBINDALE WASTEWATER TREATMENT PLANT	9,372	-	-
11/05/20	152926 amended	ST1261	FOUR TORQUE VALVE ACTUATORS FOR THE TRAIN INLET ISOLATION VALVES AT THE ROBINDALE WWTP - ENGINEERING	22,951	22,951	-
08/25/20	159629 amended	ST1268	CHLORINE CONTACT CHAMBER SLUICE GATE REPLACEMENT PROJECT AT SWWTP	-	-	-
08/17/20	161279	WD1271	EMERGENCY BY-PASS PUMPS FOR WATER PLANT I AND II - ENGINEERING	-	-	-
10/09/20	165034	EA1274	SCADA YARD COMMUNICATION TOWER - PHASE 2 AND 3	277,800	137,000	-
12/22/20	169492	ET1279	56 MVA NORTH-WEST DISTRIBUTION SUBSTATION - ENGINEERING AND LAND PURCHASE	289,942	289,942	-
02/22/22	172156 172157 amended	WD1283 SC1283	AVENIDA DE LA PLATA, ELSA STREET, MARVIS STREET AND SAN PEDRO LANE; CITY STREETS UTILITY IMPROVEMENTS - COB STREET PROJECT CONSTRUCTION	737,750 -	737,750 -	- 664,961
08/18/23	172649 amended	WD1285	PORTWAY PLACE SUBDIVISION UTILITY IMPROVEMENTS - COB STREET PROJECT ON E 11TH STREET, E 12TH STREET AND PORTWAY STREET	122,825	1,539	-
07/27/22	172640	WD1286	COB CONTRACT NO. 3 UTILITY IMPROVEMENTS	-	-	487,540
07/27/22	172645 amended	SC1286	AT JOSE MARTI BLVD, CALLE BUENOS AIRES, CALLE COSTA RICA AND CALLE NORTENA - CONSTRUCTION	-	-	-
12/15/21	189929	ED1316	SECOND POWER TRANSFORMER FOR THE WATER PORT SUBSTATION - ENGINEERING	133,856	86,896	-
03/08/22	193906	WT1325	REPLACEMENT OF BACKWASH WASTE PUMP AT WATER PLANT II	131,000	-	135,918
04/29/22	196678	ET1330	PURCHASE OF 9 EACH SEL 787 XFMR DIFFERENTIAL RELAYS TO REPLACE LEGACY OVERCURRENT AND XFMR DIFFERENTIAL PROTECTION RELAYS	54,484	-	-
08/03/22	201424	ED1344	ROBINDALE WWTP UNDERGROUND 3-PHASE TRANSFORMER PROJECT	69,464	22,657	-
02/23/23	210704 210708	WA1353 SA1353	WATER MASTER PLAN WASTEWATER MASTER PLAN	352,000 278,210	351,230 277,440	168,130 241,920
02/17/23	210523	WS1354	RAW WATER PUMP AND LINE FROM PASEO PLAZA RESACA TO DRAPER POND; ENGINEERING	21,777	-	-

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05/31/23	216372	WD1368	COB CITY STREETS CONTRACT - DISTRICT 1 E 14TH STREET IMPROVEMENTS PROJECT	15,430	15,430	-
N/A	N/A	EG3158	HIDALGO POWER PLANT IMPROVEMENTS	6,286,814	-	-
12/03/13	42653	WD3888	MARTINAL AREA WATER SYSTEM LOOPS OFF OF OLD PORT ISABEL ROAD AND FM 802 - ENGINEERING	22,809	22,809	-
08/09/17	47262 amended	EA3909	ELECTRIC SCADA SYSTEM - INSTALLATION AND REPLACEMENT	168,234	-	81,349
07/22/22	200869	ED5470	STAGECOACH TRAIL UNDERGROUND 3-PHASE EXTENSION	144,512	-	-
07/07/22	200079	ED5474	EXTENSION TO ACACIA PLACE AT MADEIRA - PHASE 1 OFF OF US HWY 77/83	206,596	34,099	172,497
06/29/17	94653	SC5350	RESACA CROSSING SUBDIVISION ON HUDSON BLVD AND RUBEN TORRES BLVD DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
06/29/18	115695	SC5369	LA CANTERA LEGACY APARTMENTS OFF OF RUBEN M TORRES BLVD DEVELOPER INSTALLED IMPROVEMENTS	2,074	2,074	-
08/05/19	139636	SC5390	LOERA WAREHOUSE NO. 12 1505 CENTRAL AVENUE DEVELOPER INSTALLED IMPROVEMENTS	487	487	-
08/07/19	139848	WD5391	PALMETTO GROVE SUBDIVISION, PHASE II, REPLAT	4,173	4,173	-
	139851	SC5391	INTERSECTION OF SOUTH DAKOTA AVE AND SOUTHMOST RD; DEVELOPER INSTALLED IMPROVEMENTS	1,850	1,850	-
10/08/19	143369	WD5395	HONDA DEALERSHIP OFF OF BROWNSVILLE SPORTS PARK DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
03/06/20	151863	WD5400	TIPTON MOTORS SUBDIVISION REPLAT NO. 2	606	606	-
03/06/20	151864	SC5400	OFF OF MORRISON ROAD / REAR OF TIPTON MOTORS DEVELOPER INSTALLED IMPROVEMENTS	927	927	-
03/06/20	151882	WD5401	JARDINES DE SEVILLA SUBDIVISION	-	-	-
03/06/20	151889	SC5401	OFF OF CENTRAL AVENUE / MCKENZIE ROAD DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
04/09/20	153559	WD5407	LAS VILLAS DEL SOL SUBDIVISION, SECTION 2	1,757	1,757	-
04/09/20	153557	SC5407	OFF OF VILLA SOLEDAD STREET DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
07/10/20	158794	WD5409	CASITA LANTANA PROJECT OFF OF DANA AVENUE AND WESTWIND DRIVE DEVELOPER INSTALLED IMPROVEMENTS	-	-	-

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07/13/20	158952	WD5410	HEWL WAREHOUSE	-	-	-
	158959	SC5410	1930 ANEI CIRCLE DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
09/14/20	162987	WD5412	IDEA ACADEMY SPORTS PARK SUBDIVISION	3,067	3,067	-
	162984	SC5412	OFF OF OLD ALICE RD AND SPORTS PARK BLVD DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
09/15/20	163099	WD5413	SAN JOSE SUBDIVISION	1,800	1,800	-
	163100	SC5413	OFF OF LAKESIDE BLVD / W 16TH STREET DEVELOPER INSTALLED IMPROVEMENTS	1,141	1,141	-
11/03/20	166484	WD5414	TRAILS VILLAGE SUBDIVISION	-	-	-
	166489	SC5414	2701 PAREDES LINE RD DEVELOPER INSTALLED IMPROVEMENTS	2,861	2,861	-
04/07/21	175912	WD5421	DE LOS REYES VILLA'S SECTION II SUBDIVISION	1,106	1,106	-
04/08/21	175913	SC5421	OFF OF DE LOS REYES DR / WELLINGTON DR DEVELOPER INSTALLED IMPROVEMENTS	478	319	-
04/15/21	176407	WD5422	LA'MORE APARTMENTS WATERLINE EXTENSION ON VERMILLION ROAD DEVELOPER INSTALLED IMPROVEMENTS	464	464	-
05/03/21	177413	WD5423	PUNTO VALLE APARTMENTS 1100 E RUBEN TORRES BLVD DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
05/03/21	177406	WD5424	LA JOLLA SUBDIVISION	-	-	-
	177408	SC5424	OFF OF CORIA STREET / MEDIA LUNA ROAD DEVELOPER INSTALLED IMPROVEMENTS	2,455	2,455	-
03/29/21	175578	WD5425	GARDEN WOODS SUBDIVISION, SECTION III	-	-	-
	175579	SC5425	OFF OF GARDEN WOODS AVENUE DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
06/14/21	180073	WD5427	SUMMER LAKE SUBDIVISION, PHASE I	-	-	-
06/14/21	180074	SC5427	OFF OF SUMMER HILL BLVD DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
09/15/21	184893	WD5429	TERRALTA DEVELOPMENT SUBDIVISION	-	-	-
09/15/21	184900	SC5429	OFF OF SOUTHMOST R / ALEXA DRIVE DEVELOPER INSTALLED IMPROVEMENTS	1,096	1,096	-
10/04/21	185862	WD5430	PASEO RESIDENCIAL SUBDIVISION, SECTION I	1,887	-	-
10/04/21	185863	SC5430	OFF OF ROBINDALE ROAD / MORRISON ROAD DEVELOPER INSTALLED IMPROVEMENTS	1,783	-	-
10/04/21	185868	WD5431	APPLE WOODS SUBDIVISION, PHASE I	3,187	2,716	-
10/04/21	185870	SC5431	OFF OF GARDEN WOODS AVENUE DEVELOPER INSTALLED IMPROVEMENTS	-	-	-

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10/08/21	186380	WD5433	CIRCLE K STORE NO. 2741543	-	-	-
10/08/21	186384	SC5433	OFF OF HWY 281 / ALTON GLOOR BLVD DEVELOPER INSTALLED IMPROVEMENTS	1,119	1,119	-
10/08/21	186389	WD5434	SUMMER LAKES PHASE II SUBDIVISION	3,543	2,831	-
10/08/21	186390	SC5434	OFF OF SUMMER HILLS BLVD DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
10/08/21	186391	SC5435	SOUTH BROWNE SUBDIVISION OFF OF S. BROWNE ROAD DEVELOPER INSTALLED IMPROVEMENTS	1,258	-	-
10/15/21	186802	WD5436	SANTANDER COMMERCIAL SUBDIVISION	822	549	-
10/15/21	186803	SC5436	OFF OF LAREDO ROAD DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
11/10/21	188421	WD5437	EL NARANJAL SUBDIVISION, SECTION XI	1,530	1,530	-
11/10/21	188425	SC5437	OFF OF TAMARINDO LANE / TORONJA AVENUE DEVELOPER INSTALLED IMPROVEMENTS	838	838	-
12/20/21	190163	WD5438	EL BOSQUE SUBDIVISION	2,905	2,103	-
12/20/21	190164	SC5438	OFF OF LA POSADA CIRCLE DEVELOPER INSTALLED IMPROVEMENTS	2,432	-	-
01/20/22	191424	WD5440	LUNAR ESTATES SUBDIVISION, SECTION I	2,673	2,673	-
01/20/22	191427	SC5440	OFF OF BOCA CHICA BLVD / NARANJAL DR DEVELOPER INSTALLED IMPROVEMENTS	4,036	4,036	-
01/28/22	191754	WD5441	UTRGV SCHOOL OF MEDICINE VIVARIUM & OFFICE OFF OF E 24TH STREET DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
03/01/22	193361	WD5442	LOT 5 BROWNSVILLE INDUSTRIAL PARK SUBDIVISION	2,705	2,705	-
03/01/22	193371	SC5442	MIDTOWN APARTMENTS DEVELOPER INSTALLED IMPROVEMENTS	1,565	1,565	-
03/07/22	193851	WD5443	LOS FRESNOS CISD MIDDLE SCHOOL AT RANCHO VERDE; OFF OF FM 511 IN RANCHO VERDE SECTION II SUBDIVISION DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
03/09/22	193983	SC5444	OSALKA SUBDIVISION WASTEWATER IMPROVEMENT OFF OF ARKANSAS AVENUE	6,902	6,902	-
03/16/22	194223	WD5445	QUEENSLAND SUBDIVISION SECTION NO. 5	2,007	828	-
03/16/22	194226	SC5445	OFF OF DENNET ROAD / STAGECOACH TRAILS DEVELOPER INSTALLED IMPROVEMENTS	988	-	-
04/18/22	195891	WD5446	UTRGV INTERDISCIPLINARY ACADEMIC BUILDING (BINAB) DEVELOPER INSTALLED IMPROVEMENTS	-	-	-

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04/19/22	195967	WD5447	HEAVEN'S GATE SUBDIVISION	1,671	927	-
	195978	SC5447	OFF OF RUBEN TORRES BLVD AND GAMEZ DR DEVELOPER INSTALLED IMPROVEMENTS	-	-	-
05/13/22	197531	WD5448	LA JOLLA ESTATES SUBDIVISION	3,471	2,307	-
	197533	SC5448	OFF OF RUBEN TORRES BLVD AND COULTER ROAD DEVELOPER INSTALLED IMPROVEMENTS	4,165	-	-
05/19/22	197816	WD5449	ONE HUNDRED OAKS SUBDIVISION	3,424	3,424	-
	197806	SC5449	OFF OF ROBINDALE ROAD DEVELOPER INSTALLED IMPROVEMENTS	5,469	-	-
05/25/22	198010	WD5450	PRICE LOFTS SUBDIVISION	2,392	1,567	-
	198015	SC5450	OFF OF SOUTH PRICE ROAD DEVELOPER INSTALLED IMPROVEMENTS	4,072	2,300	-
06/27/22	199613	WD5451	DAKOTA GARDENS SUBDIVISION	3,537	999	-
	199614	SC5451	OFF OF SOUTH DAKOTA AVE / DOCKBERRY ROAD DEVELOPER INSTALLED IMPROVEMENTS	5,349	4,232	-
06/27/22	199616	WD5452	LOERA ONE SUBDIVISION, PHASE I	3,242	2,473	-
	199617	SC5452	OFF OF DOCKBERRY ROAR / SOUTH DAKOTA AVE DEVELOPER INSTALLED IMPROVEMENTS	5,054	4,286	-
06/27/22	199622	WD5453	CENTRAL PARK COMMUNITY SUBDIVISION,	3,061	-	-
	199623	SC5453	SECTION II, OFF OF CENTRAL AVE / SALIDA DEL LUNA DEVELOPER INSTALLED IMPROVEMENTS	5,104	4,696	-
06/27/22	199625	WD5454	WOODS COUNTRY SUBDIVISION, SECTION I	1,925	-	-
	199626	SC5454	OFF OF DENNETT ROAD DEVELOPER INSTALLED IMPROVEMENTS	5,716	4,129	-
06/27/22	199659	WD5455	ROSEWOOD ESTATES SECTION III	3,152	2,623	-
	199663	SC5455	OFF OF FM 1732 / SUMMERHILL BLVD DEVELOPER INSTALLED IMPROVEMENTS	4,752	-	-
09/19/22	203593	WD5457	DUNNCO SUBDIVISION	2,411	-	-
09/26/22	203900	SC5457	INTERSECTION OF RUBEN TORRES AND MINNESOTA DEVELOPER INSTALLED IMPROVEMENTS	2,082	2,082	-
09/27/22	203963	WD5458	THE WOODS SUBDIVISION SECTION II	2,973	-	-
	203964	SC5458	INTERSECTION OF DENNETT RD AND STONE OAK DR DEVELOPER INSTALLED IMPROVEMENTS	4,657	3,515	-
09/28/22	204007	SC5459	AV LOPEZ SUPERMARKET INTERSECTION OF PAREDES LINE RD AND PINEDA RD DEVELOPER INSTALLED IMPROVEMENTS	2,489	1,550	-
11/02/22	205671	SC5460	BMRSD SUBDIVISION, REPLAT OF LOT 2 ALTON GLOOR BLVD NEAR RUSTIC MANOR BLVD DEVELOPER INSTALLED IMPROVEMENTS	1,608	1,608	-

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10/24/22	205286	WD5461	PREMIER STORAGE SUBDIVISION	1,223	1,223	-
	205292	SC5461	OFF OF COFFEE RD / GALVESTON RD DEVELOPER INSTALLED IMPROVEMENTS	1,198	1,198	-
12/02/22	206943	WD5462	PRISMA HEIGHTS SUBDIVISION, PHASE I	2,656	1,272	-
	206967	SC5462	OFF OF DENNET ROAD DEVELOPER INSTALLED IMPROVEMENTS	4,780	-	-
12/05/22	207027	WD5463	MAJESTIC PALM HEIGHTS SUBDIVISION,	2,656	2,316	-
	207029	SC5463	PHASE 2, OFF OF E ABELINE TRAIL DEVELOPER INSTALLED IMPROVEMENTS	4,780	954	-
01/12/23	208789	WD5464	THE HEIGHTS AT RIVER BEND, PHASE I	3,842	-	-
	208798	SC5464	OFF OF CHARGER LN DEVELOPER INSTALLED IMPROVEMENTS	5,963	4,687	-
01/13/23	208921	WD5465	VERONA APARTMENTS AT 3663 JAIME ZAPATA AVE DEVELOPER INSTALLED IMPROVEMENTS	1,084	-	-
10/13/22	204778	WD5466	SANTANDER COMMERCIAL SUBDIVISION,	3,162	2,655	-
	204779	SC5466	PHASE II; OFF OF LAREDO RD / MORRISON RD DEVELOPER INSTALLED IMPROVEMENTS	4,988	4,480	-
01/30/23	209481	WD5467	VERMILLION CROSSING SUBDIVISION	2,656	-	-
	209482	SC5467	OFF OF VERMILLION RD / HOUSTON RD DEVELOPER INSTALLED IMPROVEMENTS	4,780	3,457	-
03/03/23	211056	WD5468	THE HEIGHTS OF BROWNSVILLE	2,232	115	-
	211058	SC5468	OFF OF EAST PRICE RD AND LAND O' LAKES DR DEVELOPER INSTALLED IMPROVEMENTS	1,198	886	-
04/18/23	213798	WD5469	VILLAS AT DANA SUBDIVISION	3,151	-	-
	213820	SC5469	OFF OF INTERSECTION OF AVENIDA RANCH VIEJO AND DANA AVE; DEVELOPER INSTALLED IMPROVEMENTS	4,836	2,233	-
04/11/23	213261	SC5470	FLORIDA ESTATES SECTION 1 SUBDIVISION EAST OF INTERSECTION OF FM 511 AND FLORIDA RD DEVELOPER INSTALLED IMPROVEMENTS	4,497	-	-
04/12/23	213335	WD5471	COROLLA CAPITAL SUBDIVISION	2,114	1,615	-
	213337	SC5471	OFF OF US 281 MILITARY RD HWY & FLOR DE MAYO RD DEVELOPER INSTALLED IMPROVEMENTS	3,614	232	-
05/09/23	215108	WD5472	LA VIRGEN DE METEPEC SUBDIVISION	3,151	1,214	-
	215113	SC5472	OFF OF INTERSECTION OF DANA AVE AND KINGSWAY DR DEVELOPER INSTALLED IMPROVEMENTS	4,919	1,544	-
01/24/23	209251	WD5473	7 ELEVEN BROWNSVILLE SUBDIVISION	2,114	2,114	-
01/25/23	209295	SC5473	OFF OF PABLO KISEL / MORRISON ROAD DEVELOPER INSTALLED IMPROVEMENTS	3,614	1,565	-

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06/12/23	216772	WD5474	EL NARANJAL SUBDIVISION SECTION XIII	3,902	3,652	-
06/12/23	216771	SC5474	APPROXIMATELY 150 FEET SOUTH OF INTERSECTION OF TORONJA AVENUE AND TAMARINDO LN DEVELOPER INSTALLED IMPROVEMENTS	6,250	3,200	-
07/06/23	218098	WD5475	OKLAHOMA STATION SUBDIVISION NO. 1	3,364	3,113	-
	218099	SC5475	OFF OF PINEDA BLVD / RESACA LN DEVELOPER INSTALLED IMPROVEMENTS	5,353	4,759	-
08/24/23	220955	SC5476	FRED HALL SUBDIVISION (LAS FINCAS) OFF OF MARYLAND / FM 511 DEVELOPER INSTALLED IMPROVEMENTS	7,672	5,398	-
09/01/23	221306	WD5477	DRAGONFLY GROVE SUBDIVISION	5,479	5,103	-
	221308	SC5477	OFF OF OLD ALICE ROAD DEVELOPER INSTALLED IMPROVEMENTS	8,140	7,764	-
09/05/23	221417	WD5478	SUNSET SUBDIVISION	4,214	3,628	-
	221419	SC5478	APPROX. 350 LF NORTH OF THE INTERSECTION OF BILLINGS RD AND N CLUBHOUSE RD DEVELOPER INSTALLED IMPROVEMENTS	6,506	6,178	-
09/26/23	222750	WD5479	CARENOW BOCA CHICA	736	736	-
	222752	SC5479	OFF OF BOCA CHICA BLVD / PAREDES LINE RD DEVELOPER INSTALLED IMPROVEMENTS	810	810	-
N/A	N/A	WD6000	EXPENDITURES FOR WATER METER VAULT REPLACEMENT PROJECT	41,478	22,714	-
06/16/21	180253	WD6108	JUBILEE BROWNSVILLE OFF OF MAIN ST. AND AMERICA DR. DEVELOPER INSTALLED IMPROVEMENTS	171	171	-
09/23/21	185352	WD6109	OUT OF THE PARK SUBDIVISION	778	778	-
05/12/21	178061	SC6109	OFF OF FM 802	-	-	-
04/07/22	195421	SC6110	WASTERWATER LINE EXTENSION TO LOTS 2, 3 & 4 OF MEDIA LUNA ESTATES SUBDIVISION OFF OF RUBEN TORRES BLVD / OLD ALICE RD	8,200	8,200	-
08/14/23 amended	204775	WD6111	CITY STREETS CONTRACT - OLD HWY 77 DISTRICT 4 ON OLD HWY 77 BETWEEN RUBEN TORRES AND MORRISON RD; ENGINEERING	223,107	23,303	-
10/13/22	204777	SP6112	LIFT STATION NO. 93 UPGRADE AT 4275 OLD HIGHWAY 77; ENGINEERING	25,365	-	-
08/15/23	220519	WD6116	COB - CIP 03 WILDROSE LANE UTILITY IMPROVEMENTS ON WILDROSE LANE BETWEEN HONEYDALE AVE AND CORIA ST	44,387	-	-

continued

**Capital Project Listing – FY 2023**  
**For All Carryover Projects**  
**Future Debt Bond Proceeds Projects (Commercial Paper) – Continued**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
N/A	N/A	SC9001	NEW CONNECTIONS-NO PROJ NUMBER ASSIGNED	224,608	-	-
N/A	N/A	WD9001	NEW CONNECTIONS-NO PROJ NUMBER ASSIGNED	568,772	-	-
10/29/19	144749	WD9282	OLD PORT ISABEL ROAD DRAINAGE IMPROVEMENTS CONNECTIONS DUE TO COUNTY'S ROAD SIDE DITCH GRADING PROJECT	2,426	2,426	-
06/08/20	157047	SC9284	8" PVC SEWER LINE EXTENSION TO SERVE 1170 PAREDES LINE RD	442	442	-
03/02/22	193445	WD9287	2655 CENTRAL BLVD JUST A CLOSET #5 SUBDIVISION	4,384	4,384	-
06/08/22	198721	WD9288	7869 BOCA CHICA BLVD BROWNSVILLE FD-OR BOCA CHICA SUBDIVISION	3,986	3,986	-
11/14/22	206311	SC9289	4551 S PADRE ISLAND HWY AT THE HOME DEPOT FACILITY OFF OF BOCA CHICA BLVD / PADRE ISLAND HWY DEVELOPER INSTALLED IMPROVEMENTS	1,749	884	-
09/30/23	N/A	N/A	FM 511 SERVICE CENTER POLE YARD	2,625	-	-
N/A	N/A	N/A	NEW CONNECTIONS AND NEW SUBDIVISIONS WATER UTILITY UNENCUMBERED BUDGET	-	-	59,456
N/A	N/A	N/A	NEW CONNECTIONS AND NEW SUBDIVISIONS WASTEWATER UTILITY UNENCUMBERED BUDGET	-	-	156,038
CARRYOVER CONSTRUCTION PROJECT TOTAL				\$ 23,514,334	\$ 10,717,667	\$ 3,615,052
ELECTRIC UTILITY TOTAL:				\$ 9,118,671	\$ 1,899,740	\$ 253,846
GENERAL & ADMINISTRATIVE UTILITY:				280,425	137,000	-
WATER UTILITY TOTAL:				4,035,053	1,775,539	1,139,113
WASTEWATER UTILITY TOTAL:				10,080,184	6,905,388	2,222,092
OVERALL COMMERCIAL PAPER FUND TOTAL				\$ 23,514,334	\$ 10,717,667	\$ 3,615,052

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**Capital Project Listing – FY 2023**  
**For All Carryover Projects**  
**Impact Fees Fund Projects**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
02/12/19	81898 amended	WD1022	16-INCH WATERLINE LOOP FROM W. ALTON GLOOR BLVD TO LAGO VISTA	400,000	400,000	-
03/03/21	173899	WD1289	BOCA CHICA BLVD WATERLINE UPGRADE FROM INTERNATIONAL BLVD TO OWENS ROAD	1,000,000	39,260	348,247
05/31/23	216350	WS1369	RIO GRANDE RIVER PUMP STATION PROJECT STAGE 1 - INITIAL DESIGN TO REPLACE CURRENT OBSOLETE PUMPING STATION	500,000	428,849	452,539
06/15/23	216967	WD1370	WTP NO. 1 - 13TH STREET WATERLINE UPGRADE PROJECT; POWER PLANT DRIVE (13TH ST STREET BETWEEN WATER TREATMENT PLANT NO. 1 TO ST CHARLES STREET)	72,068	71,803	265
08/15/23	220520	WD1375	FM 511 24-INCH WATERLINE PROJECT ENGINEERING OF WATER TRANSMISSION LINE FROM SRWA ALONG FM 511 EAST TO OLD PORT ISABEL ROAD	450,000	-	-
12/28/15	67553 67763	WA3972 SA3972	2015 IMPACT FEE STUDY FOR WATER & WASTEWATER INFRASTRUCTURE	- -	- -	- -
09/12/22	127763 amended	SC6103	NORTH REGIONAL FORCE MAIN SYSTEM 24-INCH FORCE MAIN INSTALLATION FROM LIFT STATION NO. 159 TO THE NORTH WASTEWATER TREATMENT PLANT - ENGINEERING	1,487,033	413,461	347,172
07/29/16	30301 amended	SC9265	SOUTH COLONIAS PROJECT - DESIGN AND ENGINEERING ESTATES, MILPA VERDE, AND PALOMA BLANCA CORONADO, COLONIA 21 SUBDIVISION, DOCKBERRY	-	-	125,000
08/23/21	30302 amended	SC9266	NORTH COLONIAS PROJECT DESIGN DESIGN AND ENGINEERING LAS FLORES, PALACIOS, CENTRAL ESTATES, PRAXEDIS SALDIVAR, AND UNSERVED PORTIONS ALONG OLD PORT ISABEL RD; ENGINEERING	9,100	9,100	115,900
CARRYOVER CONSTRUCTION PROJECT TOTAL				\$ 3,918,201	\$ 1,362,473	\$ 1,389,123
WATER UTILITY TOTAL:				\$ 2,422,068	\$ 939,912	\$ 801,051
WASTEWATER UTILITY TOTAL:				1,496,133	422,561	588,072
OVERALL IMPACT FEES FUND TOTAL				\$ 3,918,201	\$ 1,362,473	\$ 1,389,123

**Capital Project Listing – FY 2023**  
**For All Carryover Projects**  
**Grant Proceeds**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
05/22/23	215768	SC1374	CANNERY PUBLIC MARKET IMPROVEMENTS ON RINGGOLD ST BETWEEN E 6TH AND E 7TH STREET	18,019	18,019	-
12/12/22	207561	SC6114	DOWNTOWN WATER AND WASTEWATER PROJECT 1 - WASTEWATER UTILITY IMPROVEMENTS	660,057	265,410	389,404
05/17/23	207563	WD6115	DOWNTOWN WATER AND WASTEWATER	252,309	-	463,910
05/17/23	207564	SC6115	PROJECT 2 - UTILITY IMPROVEMENTS	552,324	290,151	398,765
CARRYOVER PROJECT TOTAL				\$ 1,482,709	\$ 573,580	\$ 1,252,079
WATER UTILITY TOTAL:				\$ 252,309	\$ -	\$ 463,910
WASTEWATER UTILITY TOTAL:				1,230,400	573,580	788,169
OVERALL GRANTS FUND TOTAL				\$ 1,482,709	\$ 573,580	\$ 1,252,079

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**Capital Project Listing – FY 2023**  
**For All Carryover Projects**  
**Resaca Fee CIP**

DATE OPENED	WORK ORDER #	ACTIVITY	DESCRIPTION	FY 2023 BEGINNING BALANCE	FY 2023 ENDING BALANCE	DEFERRED BUDGET
N/A	N/A	N/A	CARRYOVER CAPITAL EQUIPMENT - RESACA	-	-	349,315
			CARRYOVER PROJECT TOTAL	\$ -	\$ -	\$ 349,315
			WATER UTILITY TOTAL:	\$ -	\$ -	\$ 349,315
			OVERALL RESACA FEE CIP TOTAL	\$ -	\$ -	\$ 349,315

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# ***GRANTS***

**Grant Schedule  
As of September 30, 2023**

Federal Grantor/Pass-Through Grantor/Program Title/Grant No.	Grant Period From	To	Total Project Cost	Approved Grant Funding	BPUB Activity Number	Grant Expenditures Requested	Reimbursements Received	Due From Government					
FEDERAL FINANCIAL ASSISTANCE													
FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) THROUGH TEXAS COMMISSION ON EVIRONMENTAL QUALITY Town Resaca Watershed													
CFDA # 21.015	2/28/2020	10/31/2023	582-20-11819		RESTOR								
			4,680,939	4,680,939		\$	1,859,826	\$	1,111,468	\$	748,358		
			\$	4,680,939		\$	4,680,939	\$	1,859,826	\$	1,111,468	\$	748,358
U.S. DEPARTMENT OF THE TREASURY (DOT) THROUGH THE CITY OF BROWNSVILLE Downtown Water/Wastewater Improvements													
CFDA # 21.027	3/11/2021	12/31/2025	ARPA-2021-1112		SC6114 SC6115 WD6115								
			14,500,000	14,500,000		\$	924,603	\$	924,603	\$	-		
			\$	14,500,000		\$	14,500,000	\$	924,603	\$	924,603	\$	-
U.S. DEPARTMENT OF THE INTERIOR Advanced Metering Infrastructure													
CFDA # 15.507	8/14/2023	6/30/2026	R23AP005008-00		N/A								
			18,463,578	5,000,000		\$	-	\$	-	\$	-		
			\$	18,463,578		\$	5,000,000	\$	-	\$	-		
Total Expenditures and Disbursements of Federal Awards						\$	2,784,429	\$	2,036,071	\$	748,358		
Total Expenditures and Disbursements of Federal, State, and Local Awards						\$	2,784,429	\$	2,036,071	\$	748,358		

# ***APPENDICES***

## Appendices Section

This part of the Brownsville PUB Annual Budget Report presents detailed information as a context for understanding what the information in the required statistical and supplementary information says about the Brownsville PUB.

<b>Contents</b>	<b>Page</b>
<b>BPUB Description and Utility Service Territory Maps</b>	
These schedules include supplemental data that describe the organization, the community, and service territory.	426
<b>Glossary</b>	
This schedule includes any terminology (including abbreviations and acronyms) that are not readily understandable.	433
<b>Financial Trends</b>	
These schedules contain trend information to help the reader understand how the Brownsville Public Utilities Board's financial performance and well-being has changed over time.	443
<b>Revenue Capacity</b>	
These schedules contain information to help the reader access the Brownsville PUB's local revenue source.	447
<b>Debt Capacity</b>	
These schedules present information to help the reader assess the Brownsville PUB's debt burden and its ability to issue additional debt in the future.	452
<b>Demographic and Economic Information</b>	
This schedule offers demographic and economic indicators to help the reader understand the environment in which the Brownsville PUB's financial activities take place.	454
<b>Operating Information</b>	
These schedules contain service and infrastructure data to help the reader understand how the information in the Brownsville PUB's financial report relates to the service Brownsville PUB provides and activities it performs.	463

## **DESCRIPTION**

### **Profile**

The Brownsville PUB was formed in 1960 to provide electrical, water, and wastewater services to its customers in the Brownsville area. Pursuant to the City's Charter, management, operation, and control of the City's combined water, wastewater, and electric utilities system is delegated to the Brownsville PUB. The Brownsville PUB is comprised of seven members, six of whom are appointed by the City Commission for four-year terms and the seventh member being the City's Mayor serving ex-officio.

**The Electric System** provides retail electric service through its electric facilities to consumers inside and outside the city limits. The existing customer service area of the electric facilities encompasses approximately 133 square miles of Cameron County, including substantially the entire City (estimated by the Brownsville PUB as over 96%). The electric system serves a growing base of approximately 54,008 customers and serves a peak load of 301 MW. Current resources, mainly owned by the Brownsville PUB, are sufficient to cover peak demand.

The Board meets its power supply obligations through a combination of resources: (i) the operation of the Silas Ray Power Production Facilities owned and operated by the Board (composed of one conventional steam turbine unit and a re-powered steam turbine in Combined Cycle with a combustion turbine and a GE LM6000 gas turbine generator for an estimated gas fired capability of 115 MW), (ii) the operation of the Calpine/Hidalgo combined cycle Power Plant in which the Board has an ownership interest entitling it to 105 MW of capacity, (iii) a Power Purchase Agreement with Constellation Energy Generation, LLC, formerly Exelon Corporation, entitling the Board to purchase 78 MW of renewable energy, (iv) a Power Purchase Agreement with AEP Energy Partners, Inc. entitling the Board to an estimated 65 MW of energy and (v) economy energy purchases through an economy power interchange arrangement.

The Board currently has a gas transportation agreement with Texas Gas Service ("TGS"), a division of ONE Gas, Inc., a gas supply agreement with Tenaska Marketing Ventures ("TMV") for service to its Silas Ray generation units and a gas supply agreement with Calpine Energy Services, LP for service to its Calpine/Hidalgo Plant.

Electric service is also provided in the unincorporated areas surrounding the City by American Electric Power (AEP, formally Central Power and Light Company) and Magic Valley Electric Cooperative, Inc. (MVEC). Each such entity also has a small number of customers inside the Brownsville city limits.

The Brownsville PUB has authority to provide electric service to customers within and outside the boundaries of the City in areas to which it is certified for electric service by the PUCT. The Brownsville PUB is singly certified in a substantial portion of its service area within the boundaries of the City and, within the area, it alone is presently authorized to provide electric service. The Brownsville PUB is also singly certified to serve the developed portion of the Port of Brownsville. While the Brownsville PUB's multiple-certified service area will not be open to new competitors unless the Brownsville PUB and the City Commission "opt in" to retail competition, the electric system competes within that area against the other utilities that have been certified in the past to provide service in that area.

In areas where the Brownsville PUB is dually or multiple-certified with other electric utilities, the Brownsville PUB, AEP and MVEC compete for electric customers. In these areas the customer chooses the utility system from which it will receive electric service. Of the approximately 133 square miles

which comprise the Brownsville PUB's electric service area, competition exists within approximately 11.5 square miles. The Brownsville PUB may serve areas newly annexed by the City only if it is singly, dually, or multiple-certified by the PUCT to serve the area.

**The Water System** draws raw water from the Rio Grande River and consists of a river rock weir, a river pump station, two reservoirs providing 187 million gallons total capacity, and a raw water transport system. Surface water treatment is achieved by two water treatment plants providing 40 million gallons per day (MGD) of total capacity (20 MGD treatment capacity each). Two clear wells provide 6.85 million gallons storage capacity, and four elevated storage tanks provide 7 million gallons of elevated storage capacity. Water is pumped by four high-service pumping stations into the distribution system which consists of 715 miles of transmission and distribution mains. The Brownsville PUB mainly sells to residential and commercial customers, but also sells treated water on a wholesale basis to three other water distribution companies that amount to approximately 8.0% of sales. The Brownsville PUB partnered with the SRWA and built a 7.5 million gallon reverse osmosis water treatment plant of which the Brownsville PUB has 92.91% ownership. The SRWA plant completed an expansion in 2015 to provide microfiltration pretreatment and an increased total production capacity of 10 MGD. This SRWA plant includes a 7.5 million gallon storage tank.

The Brownsville PUB has an annual allocation of municipal priority water rights from the Texas Commission on Environmental Quality (TCEQ) in the amount of 31,522.46 acre-feet of water, which is dependent upon inflow to the Falcon and Amistad Reservoirs. In addition, the Brownsville PUB holds Permit No. 1838 entitling it the right to 40,000 acre-feet of surplus water.

The Brownsville PUB is subject to regulation of water quality by the TCEQ. The Brownsville PUB presently has a "Superior" water system as determined in accordance with current TCEQ regulations. The Brownsville PUB's water utility service area is subject to the certification jurisdiction of the TCEQ. The Brownsville PUB has been certified singly to provide water service within the boundaries of the City. A large portion of the area, three and one-half miles surrounding the boundaries (the "extraterritorial jurisdiction") of the City, is dually certified. There is a small water utility system (El Jardin Water Supply Corporation) whose customers are situated adjacent to or within the System. All of its treated water is supplied by the Brownsville PUB's water system.

**The Wastewater System**, consisting of collection and treatment facilities, includes gravity wastewater collection lines, 177 pumping/lift stations and two treatment plants. Wastewater is transported by lift stations and associated force mains to one of two wastewater treatment plants – the Robindale Plant or the South Plant. The Robindale Plant was designed to treat 5 MGD in 1980 and expanded to a capacity of 10 MGD in 1995. The Robindale renovation and expansion project completed in June 24, 2014 increased the treatment capacity to 14.5 MGD. The Robindale Plant provides secondary waste treatment utilizing a Modified Ludzack-Ettinger (MLE) process (anoxic and aerobic with an internal nitrate cycle) of activated sludge, turbo blowers (with magnetic bearings) with auto dissolved oxygen control, secondary settling, ultra-violet light system (for disinfection), effluent cascade aeration system, sludge thickening, aerobic digestion, mechanical sludge dewatering (via 2-meter belt filter press), a SCADA (Supervisory Control and Data Acquisition) system, and land disposal of sludge (City of Brownsville Solid Waste Landfill). The South Plant was originally designed as a trickling filter plant with a treatment capacity of 5 MGD. In 1971, it was expanded to a capacity of 7.8 MGD and was further modified in 1978 to include complete-mix. In 2000, the plant was expanded to 12.8 MGD. The treatment process was changed to complete mix activated sludge and the anaerobic digesters were converted to use the aerobic process. Sludge is thickened, dewatered by a belt filter press, and disposed of at the City of Brownsville Solid Waste Landfill.

The wastewater system is subject to regulation by the EPA and the TCEQ with regards to operations of the facilities and the water quality of the wastewater plants' effluent.

The Brownsville PUB has the authority to provide wastewater service both inside and outside the city limits. The Brownsville Navigation District owns and operates its own wastewater treatment facilities. There is no competition between Brownsville PUB's wastewater system and the Brownsville Navigation District since the Brownsville Navigation District operates in defined areas in which the System has no wastewater lines.

### **Economic Conditions and Outlook**

The City of Brownsville, Texas (City) is the county seat of Cameron County. It is the southernmost city in Texas and the largest city in the Lower Rio Grande Valley. In Texas, Brownsville is second only to San Antonio in historical significance. Its location is attractive due to its close proximity to major tourism attractions, such as South Padre Island, Mexico, and the Gladys Porter Zoo.

The City is located about 25 miles inland from the Gulf of Mexico, on the north bank of the Rio Grande River. Brownsville lies across the river from Matamoros, Mexico. The two cities are joined by three international bridges, and serve as a trade center for much of the Lower Rio Grande Valley.

According to the U.S. Census Bureau, Brownsville's estimated population for 2022 was 189,382. The demographics of Brownsville's population can be summed up as young and fast growing. The median age is 30.9 years versus a national average of 38.8 years. Approximately 29.3% of all persons in the City are younger than 18 years of age.

The reporting entity of the Brownsville PUB consists of the primary government and a blended component unit, Southmost Regional Water Authority (SRWA). The SRWA establishes a separate budget. The SRWA is a conservation and reclamation district created pursuant to Article XVI, Section 59, of the Texas Constitution and the Act of June 12, 1981, 67<sup>th</sup> Leg., Ch. 511, 1981 Tex. Gen. Laws 2196. The SRWA provides treated water to various areas of Cameron County.

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**MAP INDICATING WHERE BROWNSVILLE PUB IS LOCATED**









Note: The above map is provided for geographical reference purposes only. BPUB's service area is in Brownsville, Cameron County, Texas and does not include Mexico.

## ELECTRIC CERTIFICATION MAP



### Legend

-  BPUB  
 BPUB\_AEP  
 BPUB-AEP-MVEC  
 AEP  
 AEP-MVEC  
 MVEC

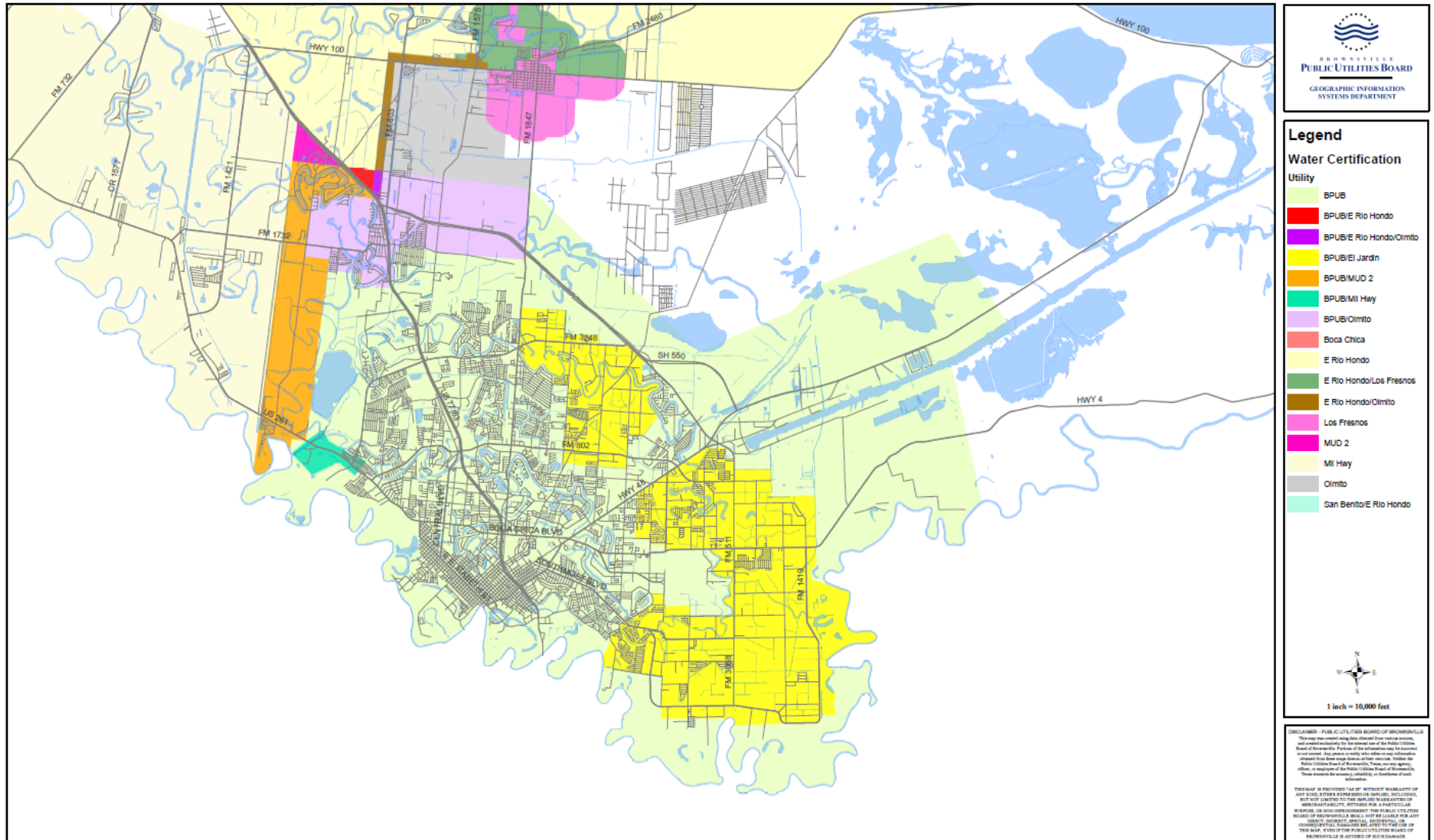


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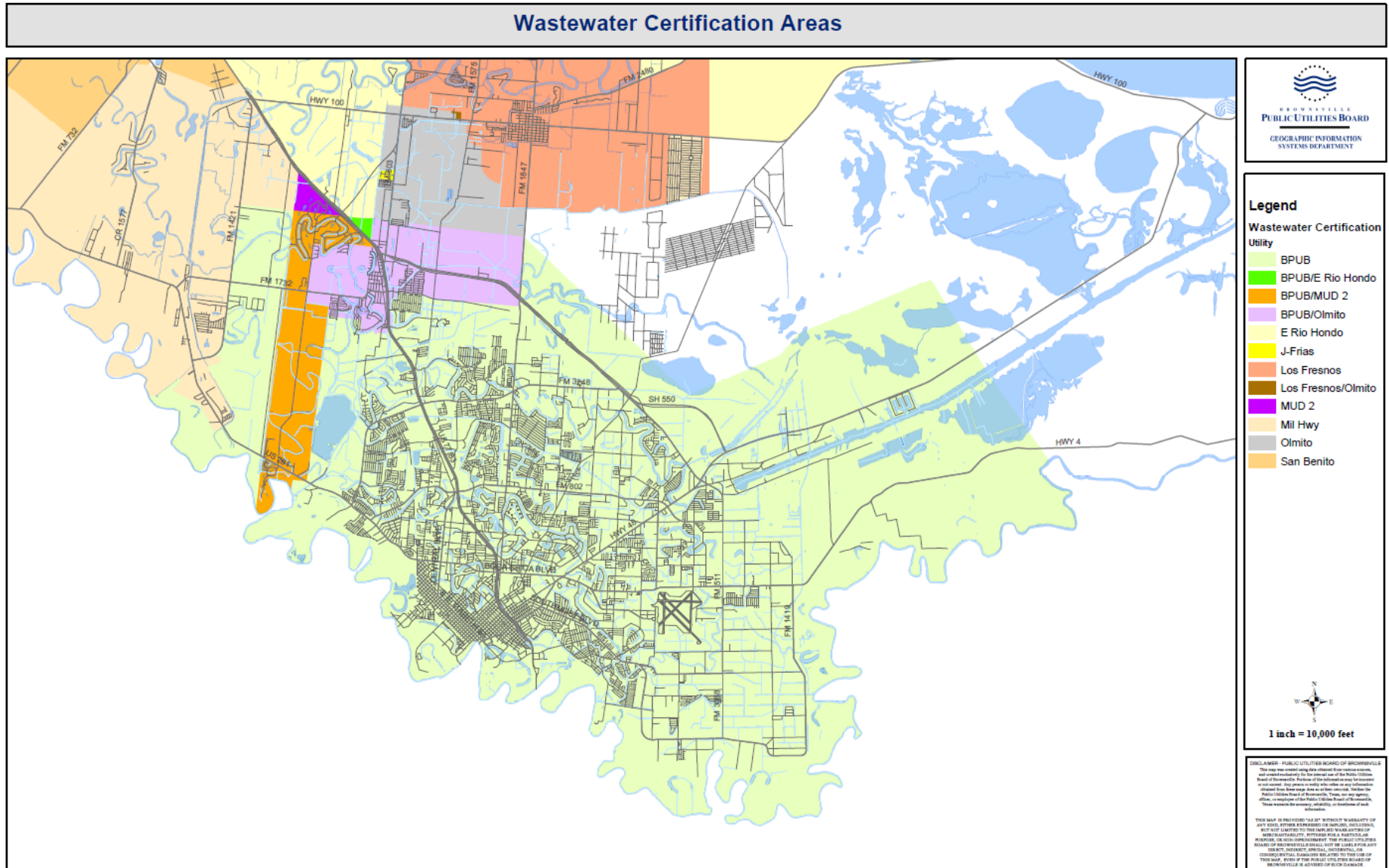
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# SERVICE AREA MAP – WATER

## Water Certification Boundaries



## SERVICE AREA MAP – WASTEWATER





## **GLOSSARY**

**A/P** – Accounts Payable

**A/R** – Accounts Receivable

**Account** – A basis for distinguishing types of expenses or expenditures.

**Accrual** – The method of accounting that recognizes income when earned and expenses when incurred regardless of when cash is received or disbursed.

**ACH** – Automated Clearing House; name of the network used for electronic financial transactions.

**AMI** – Automated Metering Infrastructure

**AMR** – Automated Meter Reading

**ARRA** – American Recovery and Reinvestment Act of 2009 is a nationwide effort to create jobs, jumpstart growth and transform our economy to compete in the 21<sup>st</sup> century signed into effect February 17, 2009.

**Asset** – A property that has value.

**AST** – Above-ground storage tank

**Balanced Budget** – a budget in which forward expenditures for a set period are matched by expected revenues for the same period.

**BANNER 9.3.6** – name of program used as the Financial Management Information System.

**Bond** – A written promise to pay a sum of money on a specific date at a specified interest rate. The interest payments and the repayments of the principal are detailed in a bond ordinance. The most common type of bonds is the general obligation (G.O.) and revenue bonds. These bonds are most frequently used for the construction costs of large capital projects, such as buildings and streets.

**Bond Covenants** – The issuer’s pledge, in the financing documents, to do or to avoid performing certain practices and actions.

**Bond Ratings** – A measure of the quality and safety of a bond, based on the issuer’s financial condition; more specifically, an evaluation from a rating service indicating the likelihood that a debt issuer will be able to meet scheduled interest and principal repayments. Typically, AAA is the highest (best), and D is the lowest (worst). The Brownsville PUB is maintaining an “A2”, as rated by Moody’s, an “A+” as rated by Standard & Poor’s, and an “A+” as rated by Fitch Ratings.

**BPUB** – Brownsville Public Utilities Board; Brownsville PUB; the Public Utilities Board; PUB; the System; the Board.

**BTU** – British Thermal Units; in science and engineering, a unit measurement of heat or energy.

## **GLOSSARY**

**Budget** – A financial plan, generally for one fiscal year, presenting proposed expenditures and an estimate of the necessary sources of funds; the Budget Document, as prepared and presented, to the governing body.

**Budget Document** – The compilation of the spending plans for the various funds, along with supporting schedules, tables and charts, which, in total, comprises the annual revenue and expenditure plan.

**CAFR** – Comprehensive Annual Financial Report

**Capital Asset** – An asset with an initial, individual cost of more than \$5,000 and an estimated useful life in excess of eighteen (18) months.

**Capital Budget** – The portion of the budget devoted to proposed additions to capital assets.

**Capital Expenditure** – Capital Expenditures are those investments in property, plant, and equipment that have a useful life that is greater than one year (depreciable assets).

**Capital Project** – the construction, reconstruction, acquisition, and structural maintenance of buildings or real property that adds value to the utility's system.

**CBOD** – Chemical Biological Oxygen Demand

**CDBG** – Community Development Block Grant Program ([www.hud.gov/edbg](http://www.hud.gov/edbg)).

**CEMS** – Continuous Emission Monitoring System

**CFO** – Chief Financial Officer; in charge of managing the finances of the company.

**CIP** – Capital Improvement Plan; strategy of planning and prioritizing capital projects based on projected availability of resources.

**Clean Water State Revolving Fund (CWSRF)** - a self-perpetuating loan assistance authority for water quality improvement projects in the United States. The fund is administered by the Environmental Protection Agency and state agencies. The CWSRF, which replaced the Clean Water Act Construction Grants program, provides loans for the construction of municipal wastewater facilities and implementation of nonpoint source pollution control and estuary protection projects. Congress established the fund in the Water Quality Act of 1987.

**Contribution in Aid of Construction (CIAC)** – Fees that offset construction costs and developer contributed plant. These can also be cash and non-cash contributions from developers for specific projects. A primary example is the development charge on new water and wastewater connections to Utilities' system. A development charge is assessed for connection to the water and wastewater systems to compensate existing customers for the costs of developing the current system and to help pay for the growth of the system caused by new customers.

**COB Usage** – City of Brownsville Usage; municipal utility services used by the City of Brownsville.

## GLOSSARY

**Commercial Paper (CP)** - Commercial Paper Obligations means the “City of Brownsville, Texas Utilities System Commercial Paper Notes, Series A” which BPUB has authorized in a maximum aggregate principal amount of \$100,000,000.

**COO** – Chief Operating Officer; in charge of managing the operations of the company.

**CPA** – Certified Public Accountant; certification given to individual who has passed the Uniform Certified Public Accountant Examination and has met the required state education and experience requirements.

**CPIM** – Certificate Program in Management

**CPR** – Continuing Property Records System; information system used to record and keep track of the capital assets of the company.

**Davis-Bacon Act** - is a United States federal law which established the requirement for paying prevailing wages on public works projects. All federal government construction contracts, and most contracts for federally assisted construction over \$2,000, must include provisions for paying workers on-site no less than the locally prevailing wages and benefits paid on similar projects.

**DD** – Demand Deposits; ACH checks.

**Debt Service** – The principal repayment, interest expense, and issue costs associated with the retirement of outstanding debt.

**Defeasance** – Termination of the rights and interests of the trustee and bondholders under a trust agreement or indenture on final payment or provision for payment of all debt service and premiums and other costs, as specifically provided for in the trust instrument.

**Department** – A major administrative segment responsible for management of operating divisions, which provide services within a functional area.

**Depreciation** – Depreciation represents the use of capital asset over its useful life. Eventually all physical assets wear out or become obsolete. Depreciation recognizes this fact, but does not represent either an actual cash outflow or cash inflow.

**Distribution** – Usable portion of the delivery system coming from the substation or water plant/tank to the customer’s meter.

**Division** – A basic organizational unit that is functionally unique and provides service under the administrative direction of a department.

**Enterprise Fund** – A fund established to account for operations 1) that are financed and operated in a manner similar to business enterprises, where the intent of the governing body is that the costs of providing goods and services to the general public on a continuing bases be financed or recovered primarily through user charges or 2) where the governing body has decided the periodic determination of revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, management control, and accountability of other purposes.

## GLOSSARY

**EPA** – Environmental Protection Agency; federal government agency charged with protecting and safeguarding human health and the natural environment ([www.epa.gov](http://www.epa.gov)).

**ERCOT** – Electric Reliability Council of Texas; Texas State Agency in charge of directing and ensuring the reliable and cost-effective operation of the electric grid and to enable fair and efficient market driven solutions to meet the customers' electric service needs ([www.ercot.com](http://www.ercot.com)).

**ERM** – Energy Risk Management

**Expense** – A use of financial resources to acquire goods or services consumed in a single year's current operations.

**Federal Deposit Insurance Corporation (FDIC)** – An independent agency created by Congress that maintains the stability and public confidence in the nation's financial system by insuring deposits, examining and supervising financial institutions, and managing receiverships ([www.fdic.gov](http://www.fdic.gov)).

**Feeder** – That portion of the circuit that is protected by the breaker up to any protective device excluding branches.

**FERC** – Federal Energy Regulatory Commission

**Fiscal Year (FY)** – A consecutive 12-month period marking the beginning and ending dates for recording financial transactions. The Brownsville PUB's fiscal year begins October 1 and ends September 30 of the following calendar year. This is also referred to as the budget year.

**FS** – Financial Statements

**FTE** – Full Time Employee working 40 hours per week.

**Fuel & Purchased Energy Charge (FPEC)** – An electric cost adjustment is the mechanism that tracks and passes through to customers the actual cost of purchased fuel or purchased electricity. The Brownsville PUB meets on a monthly basis to make FPEC adjustments if actual costs vary from forecasted prices. Adjustments can be decreased or increased.

**Fund Obligation – Repair and Contingency** - Funds set aside for unforeseen circumstances.

**FY** – See "Fiscal Year".

**GASB** - The Governmental Accounting Standards Board; Governmental Board organized in 1984 as an operating entity of the Financial Accounting Foundation (FAF) to establish standards of financial accounting and reporting for state and local governmental entities ([www.gasb.org](http://www.gasb.org)).

**GAAP** - Generally Accepted Accounting Principles; the conventions, rules, and procedures necessary to define an accepted accounting practice at a particular time. The principles have been developed on the basis of experience, custom, usage, and to a significant extent, practical necessity.



## GLOSSARY

**GFOA** – Government Finance Officers Association; organization that enhances and promotes the professional management of governments for the public benefit by identifying and developing financial policies and practices and promoting them through education, training and leadership ([www.gfoa.org](http://www.gfoa.org)).

**GIS** – Geographic Information System; software system that manages the geographic information of the company.

**GM & CEO** – General Manager & Chief Executive Officer; in charge of managing the company and reports to the Board of Directors

**Grant** – A legal transaction giving money or property for a specific purpose.

**Gross Revenues** - total amounts the organization received from all sources during its annual accounting period, without subtracting any costs or expenses.

**GWH** – Gigawatt hours; one billion watts.

**HHV** – Higher Heating Value

**HRSG** – Heat recovery steam generator

**Improvement Fund CIP Funding** – deposit account used for meeting any capital improvements to the System.

**Improvement Fund Surplus Revenues** – deposit of any funds remaining after all debt requirements have been made.

**Improvement Reserve Fund** - reserve account for future CIP projects. The goal is to establish reserves of \$15,000,000, as required by City Commission Ordinance No. 2005-1438.

**Interest Expense** – Interest expense is the cost of borrowing funds. It is shown as a financial expense item within the income statement.

**Interest from Investments** – See “Investment Income”.

**Investment Income** –Interest and dividends from short-term and overnight investments. The Brownsville PUB invests certain cash assets in order to receive interest earnings until that cash is needed. All interest earned is recorded as investment income.

**IVR** – Interactive Voice Response

**JE**s – Journal Entries

**JMUX** – (Brand name) Electronic System used to control the fiber optic system.

**Junior lien** – See “lien obligations”.

**Kilovolt (kV)** – 1,000 volts.

## GLOSSARY

**Kilowatt (kW)** – 1,000 watts.

**Kilowatt Hour (kWh)** A unit of work or energy equal to that expended by one kilowatt to one hour.

**Liabilities** - a liability is a debt or obligation that a company must pay. Liabilities are recorded on a company's balance sheet and can include accounts payable, taxes, wages, accrued expenses, and deferred revenues.

**Lien Obligations** – Security protection claim for repayment of a debt. Legal priority rights are placed on the repayment of debt. If legal remedies for repayment occur, first emphasis for repayment is Priority Obligations, then Second Lien Obligations, then Junior Lien Obligations, and then Subordinate Lien Obligations. While bonds with second or third liens are generally rated significantly lower than those with first liens, the issuer may determine that the senior-lien credit is so strong that a well-structured junior-lien bond will be rated relatively close to senior bond.

**Maintenance Pool Account** – account used to fund unexpected/extraordinary repairs or services that incurred during the fiscal year.

**Mega Volt Ampere (MVA)** – 1,000,000 volt amperes.

**Megawatt (MW)** – 1,000,000 watts or 1,000 kilowatts.

**Megawatt hour (MWh)** – 1,000 kilowatt hours.

**MG** – Million gallons

**MGD** – Million gallons per day

**Mg/l** – Million gallons per load

**NELAP** – National Environmental Laboratory Accreditation Program ([www.nelac-instituting.org/newnelap.php](http://www.nelac-instituting.org/newnelap.php)).

**NERC** – North American Electric Reliability Corporation

**Net Assets** - Total assets minus total liabilities of an individual or company.

**Net Earnings** – Gross Revenues after deducting the O&M expenses, but not expenditures, under standard accounting practice, should be charged to capital expenditures.

**Notional amount** – A stated principal amount in an interest rate swap on which the swap is based.

**O&M** – Operations & Maintenance

**Off-system Sales (wholesale sales)** – Off-system or wholesale sales are electric sales outside of the system.

## GLOSSARY

**Oklunion** - a coal-fired steam electric generating unit jointly owned and operated by Public Service Company of Oklahoma, AEP Texas Central Company, Oklahoma Municipal Power Authority, and the Brownsville PUB entitling the Brownsville PUB to 124 MW of capacity.

**Operating Reserve Funds** – reserve amount to pay the O&M expenses of not less than two months of budgeted O&M expenses (\$12,500,000 minimum) for the current fiscal year.

**Operating Revenues** – Gross Revenues with respect to any period, after deducting the O&M expenses.

**Operating Subaccount – Fuel Adjustment** – account to fund increases in fuel costs without passing on these differences to the customer as part of the FPEC.

**Operations and Maintenance Budget (O&M Budget)** – Plan of current expenditures and proposed means of financing them. The annual operating budget is the primary means by which most of the financing, acquisition, spending, and service delivery activities of the utility are controlled.

**Operations and Maintenance Expense (O&M Non-personnel)** – Also known as operating costs, these are the expenses of the day-to-day operations assigned to the current operating period.

**Operations and Maintenance Personnel (O&M Personnel)** – Cost related to compensating employees, including salaries, wages, insurance, payroll taxes, and retirement contributions.

**Other Fees** – fees charged to customers for a specific use or purpose, such as reconnection fees, meter fees, etc.

**Other Non-Operating Expenses** – Miscellaneous expenses, debt discounts/expenses and other interest expenses.

**Other Non-Operating Revenues** – Revenues consisting of TCI – Pole Rental charges, miscellaneous income and billing discounts.

**Other Revenues** – Revenues consisting of other sales, forfeited discounts (penalties), connection and service charges and TCOS charges.

**P.E.** – Professional Engineer; registered or licensed engineer.

**PAYGO** – The principle or practice of financing expenditures with surplus funds that are currently available rather than borrowed.

**Personnel Market Pay Study Adjustment** – Adjustments to payroll rates as a result of analysis of the most current Market Pay Study.

**Plant Fund** - This fund group is used to account for the acquisition, construction, and maintenance of the Systems physical plant and to control the resulting assets.

**Policy** – A program of actions adopted by a person, group, or government, or the set of principles on which they are based.

## GLOSSARY

**Polychlorinated biphenyl (PCB)** – Several compounds that are produced by replacing hydrogen atoms in biphenyl with chlorine, have various industrial applications, and are toxic environmental pollutants which tend to accumulate in animal tissues.

**Power Factor** - The power factor of an AC electric power system is defined as the ratio of the real power flowing to the load over the apparent power in the circuit, and is a dimensionless number between 0 and 1 (frequently expressed as a percentage, e.g. 0.5 pf = 50% pf).

**Proprietary Fund** – Fund used to account for operations that are financed and operated in a manner similar to private business enterprises where the intent is to recover the cost of operations through user charges.

**PUB** – See “BPUB”.

**Public Utility Commission of Texas (PUCT)** – agency that regulates the rates and services of electric, water and wastewater utilities, as defined by state and Federal laws and regulations ([www.puc.state.tx.us](http://www.puc.state.tx.us)).

**Purview** – Scope or range.

**QA** – Quality assurance

**QC** – Quality control

**Ratings** – Alpha and/or numeric symbols used to give indications of relative credit quality. In the municipal market these designations are published by the investors’ rating services. Internal ratings are also used by other market participants to indicate relative credit quality.

**Resaca** - Resacas were former channels of the Rio Grande River. Today, they serve as water storage pools as well as habitats for waterfowl, nutria, gar and even alligators; a body of water or water body.

**Revenue Bonds** – Securities for which debt service payments are generated from a specific revenue source.

**Reverse Osmosis** – A process by which a solvent such as water is purified of solutes by being forced through a semi-permeable membrane through which the solvent, but not the solutes, may pass.

**Revenue Neutral** – No gain or loss in revenues.

**RTU** – Remote Terminal Unit

**SCADA** – Supervisory Control and Data Acquisition System; a computer system used to control and monitor power generation; electric, gas, and water transmission and distribution; and wastewater collection.

**Senior Lien** – See “lien obligations”.

## GLOSSARY

**Sources of Funds** – The Sources of Funds identifies the origination of cash received by the Utilities to pay for the various activities of the organization. There are four major categories of cash sources: sales & services to customers, off-system sales, interest from investments, and other operating & non-operating revenues. The primary source of cash is from sales & services to customers paying for the utility services provided to them. The second largest source is from off-system sales. As needed, the Brownsville PUB generates cash through selling excess electricity outside the system. The remaining cash receipts include interest from investments and other operating & non-operating revenues.

**Southmost Regional Water Authority (SRWA)** – The largest such facility in Texas, the regional reverse osmosis plant uses state-of-the-art reverse osmosis (RO) technology to treat previously untapped and unusable brackish groundwater resources as an alternative water supply.

**Strategic Management (Strategic Plan)** – A type of management to determine mission, vision, values, goals, objectives, roles and responsibilities, timelines, etc.

**Subordinate Lien** – See “lien obligations”.

**Substations** – Electric facility where electrical energy is taken from either the transmission or sub-transmission system and transformed from a higher voltage down to a distribution voltage.

**Summary Letter** – The opening section of the budget, which provides the Brownsville PUB Board and public with a general summary of the most important aspects of the budget. The message explains principal budget issues against the background of financial experience in recent years, and presents the views and recommendations of the General Manager & CEO and Chief Financial Officer.

**Supplemental O&M** – O&M expenses separate from and in addition to the current O&M Budget. These consist of new positions, promotions and reclassifications, maintenance pool account, personnel market pay study adjustment, cost of living, and the new internal auditor positions.

**Swap** – A contract between two parties to swap a series of commitments over a defined period. The commitments which are exchanged are generally an obligation to make one or more payments or the right to receive one or more payments.

**T&D** – Transmission and Distribution

**TBD** – To Be Determined

**TCEQ** – Texas Commission for Environmental Quality is the environmental agency for the State of Texas ([www.tceq.state.tx.us](http://www.tceq.state.tx.us)).

**TCI** – Tele-Communications Inc.; Time Warner Communications.

**TCOS** – Transmission Cost of Service; cost of transmission between utilities.

**TDSP** – Transmission & Distribution Service Provider

## **GLOSSARY**

**TPDES** – Texas Pollutant Discharge Elimination System; refer to the following web address:  
[http://www.tceq.state.tx.us/permitting/water\\_quality/wastewater/pretreatment/tpdes\\_definition.html](http://www.tceq.state.tx.us/permitting/water_quality/wastewater/pretreatment/tpdes_definition.html).

**TSS** – Total Suspended Solids

**TWDB** – Texas Water Development Board; state agency providing leadership, planning, financial assistance, information, and education for the conservation and responsible development of water resources for the State of Texas ([www.twdb.state.tx.us](http://www.twdb.state.tx.us)).

**TXDOT** – Texas Department of Transportation; state agency providing safe, effective, and efficient movement of goods within the State of Texas ([www.dot.state.tx.us](http://www.dot.state.tx.us)).

**UPS** – Uninterruptible Power Supply

**Uses of Funds** – The Uses of Funds identifies how the Brownsville PUB spends the cash it receives. There are nine major categories of cash uses: electric fuel & energy costs, SRWA (the Authority), personnel O&M expenses, non-personnel O&M expenses, other non-operating expenses, debt service fund, city cash transfer, operating & improvement reserves, and CIP funding. The largest use of cash is for operational expenses (labor, fuel, and other expenses) related to the day-to-day operation and maintenance of the Brownsville PUB. The amount of operating cash used to pay for capital projects is also identified. Debt service fund represent the principal and interest payments for the outstanding and planned bond issues. The remaining uses of cash include city cash transfer and operating & improvement reserves.

**UST** – Underground Storage Tank.

**Utility Manager System (UMS)** – Software that manages the customer accounts for electric, water and wastewater utilities. The UMS is the primary billing system for the Brownsville PUB.

**Vacancy Savings** – Personnel account used to allow for the effects of attrition through resignations of employees and non-hiring of currently vacant positions.

**Watt** – The rate of work represented by a current of one ampere under a pressure of one volt and taken as the standard in the United States.

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## **Financial Trends**

**These schedules contain trend information to help the reader understand how the Brownsville PUB's financial performance and well-being has changed over time.**

**FINANCIAL TRENDS**  
**BALANCE SHEETS**  
**September 30 - Audited**

<b>Assets</b>	<b>2022</b>	<b>2021</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>
Current assets:					
Cash and cash equivalents	\$ 7,969,231	\$ 18,829,421	\$ 26,994,421	\$ 11,422,405	\$ 8,725,046
Investments	33,418,930	34,716,471	28,376,644	40,147,048	37,525,124
Receivables:					
Fees and services, net of allowance for uncollectible accounts	38,234,914	34,433,311	28,285,803	27,929,949	25,771,130
Intergovernmental	762,812	411,421	411,421	411,421	683,514
Contract receivable	198,027	6,495	301,682		
Accrued interest receivable	12,740,929	-	15,000,000	870,547	664,697
Fuel cost under-recovery	-	-	1,578,272	4,056,112	-
Inventories	8,049,351	6,391,001	6,243,580	8,517,277	9,821,443
Prepays	1,293,008	1,154,246	976,308	662,650	749,246
Total unrestricted current assets	<u>102,667,202</u>	<u>95,942,366</u>	<u>108,168,131</u>	<u>94,017,409</u>	<u>83,940,200</u>
Current restricted assets:					
Cash and cash equivalents	35,762	9,049,422	48,383	9,000	9,000
Investments	30,240,293	31,896,476	39,273,595	40,847,170	36,006,623
Total restricted current assets	<u>30,276,055</u>	<u>40,945,898</u>	<u>39,321,978</u>	<u>40,856,170</u>	<u>36,015,623</u>
Total current assets	<u>132,943,257</u>	<u>136,888,264</u>	<u>147,490,109</u>	<u>134,873,579</u>	<u>119,955,823</u>
Non-current assets:					
Cash - restricted	1,031,061	37,012,306	3,048,955	1,087,112	1,210,893
Investments - restricted	132,775,887	97,880,222	119,938,881	120,433,786	120,013,425
Prepays	-	-	-	2,250,000	-
Contract Receivable	-	-	-	20,000,000	-
Capital assets, net of accumulated depreciation	607,505,184	598,613,034	587,613,737	616,997,331	637,087,106
Assets held for sale	-	-	22,746,859	-	-
Unamortized regulatory assets	2,630,335	2,220,171	2,420,578	2,026,118	2,233,891
Total non-current assets	<u>743,942,467</u>	<u>735,725,733</u>	<u>735,769,010</u>	<u>762,794,347</u>	<u>760,545,315</u>
Total assets	<u>\$ 876,885,724</u>	<u>\$ 872,613,997</u>	<u>\$ 883,259,119</u>	<u>\$ 897,667,926</u>	<u>\$ 880,501,138</u>
<b>Deferred Outflows of Resources</b>					
Deferred charge on refunding	19,220,310	21,580,659	23,945,549	17,711,381	19,064,475
Deferred charge - fuel cost under recovery	-	-	-	-	-
Deferred outflows related to pension	4,923,656	3,906,942	4,365,075	11,921,190	5,224,834
Deferred outflows related to OPEB	2,361,261	2,933,228	3,136,530	3,431,497	120,788
Total deferred outflows of resources	<u>26,505,227</u>	<u>28,420,829</u>	<u>31,447,154</u>	<u>33,064,068</u>	<u>24,410,097</u>
Total assets plus deferred outflows of resources	<u>\$ 903,390,951</u>	<u>\$ 901,034,826</u>	<u>\$ 914,706,273</u>	<u>\$ 930,731,994</u>	<u>\$ 904,911,235</u>

continued



**BALANCE SHEETS - Continued**  
**September 30 - Audited**

<b>Liabilities</b>	<b>2022</b>	<b>2021</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>
Current liabilities:					
Accounts payable	\$ 23,879,242	\$ 24,169,471	\$ 22,496,556	\$ 20,334,034	\$ 17,931,703
Accrued vacation and sick leave	5,543,878	5,602,596	5,845,116	6,925,511	7,063,301
Due to primary government	4,212,940	13,372,977	3,994,072	4,310,490	3,276,018
Self insurance worker's compensation claims	61,537	241,452	118,877	335,374	116,232
Commercial Paper	-	46,000,000	-	-	-
Total unrestricted current liabilities	<u>33,697,597</u>	<u>89,386,496</u>	<u>32,454,621</u>	<u>31,905,409</u>	<u>28,387,254</u>
Current liabilities payable from restricted assets:					
Accounts payable and accrued liabilities	-	-	-	-	-
Accrued interest	1,000,086	911,627	926,807	1,043,882	1,086,109
Customer deposits	5,328,170	5,089,470	4,913,015	4,788,307	4,520,226
Current portion of revenue bonds payable	20,025,000	19,145,000	18,355,000	15,980,000	15,295,000
Commercial paper	-	-	-	37,500,000	20,000,000
Total current liabilities payable from restricted assets	<u>26,353,256</u>	<u>25,146,097</u>	<u>24,194,822</u>	<u>59,312,189</u>	<u>40,901,335</u>
Total current liabilities	<u>60,050,853</u>	<u>114,532,593</u>	<u>56,649,443</u>	<u>91,217,598</u>	<u>69,288,589</u>
Non-current liabilities:					
Revenue bonds payable net of unamortized premium and deferred refunding	324,451,868	294,109,524	316,423,606	279,325,462	297,585,319
Other post-employment benefits	17,128,248	24,816,551	23,461,920	27,443,626	22,305,496
Net pension liability	11,610,138	23,091,948	26,288,017	38,520,098	25,431,824
Self insurance worker's compensation claims	268,888	28,704	275,453	23,701	51,556
Total non-current liabilities	<u>353,459,142</u>	<u>342,046,727</u>	<u>366,448,996</u>	<u>345,312,887</u>	<u>345,374,195</u>
Total liabilities	<u>413,509,995</u>	<u>456,579,320</u>	<u>423,098,439</u>	<u>436,530,485</u>	<u>414,662,784</u>
<b>Deferred Inflows of Resources</b>					
Deferred credit – fuel cost over recovery	-	2,774,551	-	-	218,812
Deferred inflows - other	-	-	-	22,250,000	-
Deferred inflows related to pension	13,337,961	6,309,761	6,020,188	1,260,951	5,518,625
Deferred inflows related to OPEB	10,966,692	4,651,496	5,462,731	866,931	981,517
Total deferred inflows of resources	<u>24,304,653</u>	<u>13,735,808</u>	<u>11,482,919</u>	<u>24,377,882</u>	<u>6,718,954</u>
Total liability plus deferred inflows of resources	<u>437,814,648</u>	<u>470,315,128</u>	<u>434,581,358</u>	<u>460,908,367</u>	<u>421,381,738</u>
<b>Net position</b>					
Net investment in capital assets	282,248,626	260,939,170	298,269,059	301,903,252	323,271,263
Restricted	155,080,510	157,727,660	153,901,826	154,411,120	149,427,826
Unrestricted	28,247,167	12,052,868	27,954,030	13,509,255	10,830,408
Total net position	<u>465,576,303</u>	<u>430,719,698</u>	<u>480,124,915</u>	<u>469,823,627</u>	<u>483,529,497</u>
Total liabilities and net position	<u>\$ 903,390,951</u>	<u>\$ 901,034,826</u>	<u>\$ 914,706,273</u>	<u>\$ 930,731,994</u>	<u>\$ 904,911,235</u>

**FINANCIAL TRENDS**  
**STATEMENTS OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION**  
**LAST TEN FISCAL YEARS**

	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013
				Restated	Restated	Restated	Restated			Restated
Operating revenues:										
Sales and services charges	288,872,819	460,930,071	223,461,644	232,301,197	224,167,301	220,877,502	207,550,223	207,767,498	192,061,381	170,446,499
Less Rate Stabilization	(15,400,000)	(143,387,231)	(20,400,000)	(21,500,000)	(25,900,000)	(24,200,000)	(10,525,000)			
Less utilities service to the City of Brownsville, Texas	(5,512,302)	(4,587,001)	(4,570,832)	(4,488,098)	(4,548,724)	(4,029,113)	(4,804,112)	(4,809,741)	(4,839,630)	(4,274,184)
Total operating revenues	267,960,517	312,955,839	198,490,812	206,313,099	193,718,577	192,048,389	192,221,111	202,957,757	187,221,751	166,172,315
Operating expenses:										
Purchased power and fuel	109,408,137	209,098,696	54,922,676	62,712,666	63,090,839	62,733,293	55,451,964	65,220,979	66,941,752	53,915,199
Personnel services	38,132,224	40,975,381	42,600,179	45,043,072	41,105,177	40,867,688	49,076,784	33,302,525	32,821,858	30,615,677
Materials and supplies	9,133,050	7,563,164	7,548,777	7,582,722	8,277,531	7,790,646	6,960,626	7,347,093	7,376,475	7,432,636
Repairs and maintenance	4,843,199	3,576,179	3,949,001	3,782,604	4,539,605	2,269,312	2,666,119	2,983,094	3,688,413	2,029,564
Contractual and other services	24,500,080	22,543,946	32,785,887	28,735,424	26,131,662	23,753,428	24,443,206	21,521,617	19,152,582	19,319,359
Depreciation	29,354,068	28,488,709	46,971,872	48,889,835	30,786,496	30,193,819	29,063,661	29,507,267	28,409,046	27,366,045
Total operating expenses	215,370,758	312,246,075	188,778,392	196,746,323	173,931,310	167,608,186	167,662,360	159,882,575	158,390,126	140,678,480
Operating income	52,589,759	709,764	9,712,420	9,566,776	19,787,267	24,440,203	24,558,751	43,075,182	28,831,625	25,493,835
Nonoperating revenues (expenses):										
Investment and interest income	1,598,277	309,837	2,639,908	5,183,994	3,328,846	1,703,055	1,202,314	841,219	532,650	564,334
Operating grant revenues	(11,174,874)	(11,115,373)	(11,969,522)	(12,779,726)	(13,259,790)	(13,811,909)	(14,743,208)	(14,509,231)	(15,108,927)	(15,653,933)
Interest expense	-	-	17,250,000	-	-	-	-	-	-	-
Gain on retirement of assets	-	-	-	-	-	-	-	-	-	-
Gain (loss) on disposition of capital assets	(639,493)	(26,411,470)	(103,937)	(927,013)	282,315	(3,356,511)	(1,019,326)	(3,577,605)	(1,028,494)	(116,447)
Other	1,985,018	2,254,728	(513,241)	2,069,896	1,251,543	39,543	457,298	1,598,769	1,212,924	(1,483,565)
Project abandonment	(5,170,246)	-	-	(9,341,284)	-	-	-	-	-	-
Other payments to the City of Brownsville	-	-	(2,250,000)	-	-	-	-	-	-	-
Payments to City of Brownsville	(12,477,802)	(20,524,044)	(11,170,348)	(11,878,222)	(11,090,234)	(10,666,207)	(9,822,602)	(9,040,104)	(7,613,475)	(7,188,692)
Net nonoperating revenues (expenses)	(25,879,120)	(55,486,322)	(6,117,140)	(27,672,355)	(19,487,320)	(26,067,029)	(23,925,524)	(24,686,952)	(22,005,322)	(23,878,303)
Income before capital contributions	26,710,639	(54,776,558)	3,595,280	(18,105,579)	299,947	(1,626,826)	633,227	18,388,230	6,826,303	1,615,532
Capital contributions	8,145,966	5,371,340	6,706,008	4,399,709	6,966,573	6,884,887	6,528,237	12,965,169	18,647,790	20,075,404
Change in net position	34,856,605	(49,405,218)	10,301,288	(13,705,870)	7,266,520	5,258,061	7,161,464	31,353,399	25,474,093	21,690,936
Net position, beginning of year	430,719,698	480,124,913	469,823,627	483,529,497	476,262,977	483,261,910	476,100,446	457,590,350	432,116,257	410,425,321
Prior Period Adjustment	-	-	-	-	-	(12,256,994)	-	(12,843,303)	-	-
Net position, beginning of year as restated	430,719,698	480,124,913	469,823,627	483,529,497	476,262,977	471,004,916	476,100,446	444,747,047	432,116,257	410,425,321
Net position, end of year	465,576,303	430,719,695	480,124,915	469,823,627	483,529,497	476,262,977	483,261,910	476,100,446	457,590,350	432,116,257

**Notes:**

The negative change in net position for FY21 is primarily attributable to the disposition and write-off of the Oklaunion Power Station.

The unusually high Purchased power and fuel costs in FY21 are attributable to the Winter Storm Uri event in February 2021.

The negative change in net position for FY19 is attributable to the write off of pre-development costs for Tenaska of \$9.3 million and the accelerated depreciation of the Oklaunion Power Station of \$17.1 million.

## **Revenue Capacity**

**These schedules contain information to help the reader assess the  
Brownsville PUB's local revenue source.**

**REVENUE CAPACITY  
NUMBER OF SERVICES BILLED BY UTILITY <sup>1</sup>  
LAST TEN YEARS**

FY	ELECTRIC	% CHANGE	WATER	% CHANGE	WASTEWATER	% CHANGE
2023	53,425	1.26%	54,625	1.31%	55,375	1.33%
2022	52,762	1.45%	53,918	1.51%	54,649	1.46%
2021	52,008	1.17%	53,114	1.50%	53,863	1.48%
2020	51,406	2.38%	52,331	1.73%	53,075	1.80%
2019	50,209	1.52%	51,441	1.32%	52,137	1.50%
2018	49,455	1.50%	50,771	1.23%	51,366	2.06%
2017	48,726	1.10%	50,153	1.12%	50,329	1.28%
2016	48,196	1.10%	49,598	1.23%	49,693	1.33%
2015	47,671	0.91%	48,997	1.00%	49,041	1.06%
2014	47,242	2.47%	48,510	2.18%	48,528	2.26%

<sup>1</sup> Municipal customers not included in number of services billed

**REVENUE CAPACITY  
REVENUES BY UTILITY - LAST TEN YEARS**

	<b>FY 2022</b>	<b>FY 2021</b>	<b>FY 2020</b>	<b>FY 2019</b>	<b>FY 2018</b>
<b>ELECTRIC</b>					
Residential	\$ 94,720,591	\$ 130,557,180	\$ 70,894,750	\$ 72,375,771	\$ 73,026,444
Commercial	90,134,067	130,478,792	68,041,652	74,732,579	74,781,316
Municipal	4,223,052	3,430,888	3,418,381	3,527,745	3,579,766
Wholesale sales	28,006,570	136,108,799	16,110,955	22,575,496	11,067,351
Other	15,917,898	9,006,739	14,369,813	9,392,170	11,222,724
<i>Total Electric Operating Revenues</i>	<u>\$ 233,002,178</u>	<u>\$ 409,582,398</u>	<u>\$ 172,835,551</u>	<u>\$ 182,603,761</u>	<u>\$ 173,677,601</u>
<b>WATER</b>					
Inside city	\$ 25,612,397	\$ 24,279,840	\$ 24,086,514	\$ 23,472,024	\$ 24,048,925
Outside city	1,225,461	953,694	909,574	872,649	848,947
Municipal	751,795	717,593	734,648	632,528	643,536
Other	2,244,320	1,063,842	653,579	1,019,821	998,603
Southmost Regional Water Authority	476,655	421,309	489,168	489,743	490,392
<i>Total Water Operating Revenues</i>	<u>\$ 30,310,628</u>	<u>\$ 27,436,278</u>	<u>\$ 26,873,483</u>	<u>\$ 26,486,765</u>	<u>\$ 27,030,403</u>
<b>WASTEWATER</b>					
Residential	\$ 14,689,739	\$ 14,161,526	\$ 14,378,518	\$ 13,616,485	\$ 14,033,891
Commercial	8,116,735	7,182,523	7,065,343	7,236,716	7,129,594
Municipal	537,454	438,520	417,803	327,825	325,425
Outside city	1,615,702	1,563,609	1,558,927	1,501,463	1,416,201
Other	600,382	565,217	332,019	528,182	554,186
<i>Total Wastewater Operating Revenues</i>	<u>\$ 25,560,012</u>	<u>\$ 23,911,395</u>	<u>\$ 23,752,610</u>	<u>\$ 23,210,671</u>	<u>\$ 23,459,297</u>
<b>TOTAL SALES AND SERVICE CHARGES</b>	<u><u>\$ 288,872,818</u></u>	<u><u>\$ 460,930,071</u></u>	<u><u>\$ 223,461,644</u></u>	<u><u>\$ 232,301,197</u></u>	<u><u>\$ 224,167,301</u></u>

	<b>FY 2017</b>	<b>FY 2016</b>	<b>FY 2015</b>	<b>FY 2014</b>	<b>FY 2013</b>
<b>ELECTRIC</b>					
Residential	\$ 71,288,035	\$ 63,681,205	\$ 64,980,210	\$ 63,035,376	\$ 51,861,710
Commercial	74,770,246	68,559,278	71,696,062	68,505,305	59,576,916
Municipal	3,630,779	3,846,235	4,035,358	3,916,022	3,336,413
Wholesale sales	9,348,488	16,397,987	12,182,728	921,782	237,173
Other	11,593,857	7,458,124	9,325,630	9,792,100	8,925,031
<i>Total Electric Operating Revenues</i>	<u>\$ 170,631,405</u>	<u>\$ 159,942,829</u>	<u>\$ 162,219,988</u>	<u>\$ 146,170,585</u>	<u>\$ 123,937,243</u>
<b>WATER</b>					
Inside city	\$ 23,879,301	\$ 21,796,229	\$ 20,340,255	\$ 20,594,551	\$ 20,333,223
Outside city	873,877	811,938	777,023	766,496	735,224
Municipal	668,247	624,615	514,875	618,616	617,202
Other	1,029,823	1,111,918	1,342,068	1,162,867	1,054,328
Southmost Regional Water Authority	480,808	466,928	447,797	488,079	1,023,081
<i>Total Water Operating Revenues</i>	<u>\$ 26,932,056</u>	<u>\$ 24,811,628</u>	<u>\$ 23,422,018</u>	<u>\$ 23,630,609</u>	<u>\$ 23,763,058</u>
<b>WASTEWATER</b>					
Residential	\$ 14,021,992	\$ 13,728,898	\$ 13,251,741	\$ 13,578,070	\$ 14,135,642
Commercial	7,141,687	6,949,099	6,841,017	6,712,829	6,734,506
Municipal	330,087	333,262	259,508	304,992	320,569
Outside city	1,258,935	1,208,890	1,181,106	1,087,237	1,050,009
Other	561,340	575,617	592,120	577,059	505,472
<i>Total Wastewater Operating Revenues</i>	<u>\$ 23,314,041</u>	<u>\$ 22,795,766</u>	<u>\$ 22,125,492</u>	<u>\$ 22,260,187</u>	<u>\$ 22,746,198</u>
<b>TOTAL SALES AND SERVICES CHARGES</b>	<u><u>\$ 220,877,502</u></u>	<u><u>\$ 207,550,223</u></u>	<u><u>\$ 207,767,498</u></u>	<u><u>\$ 192,061,381</u></u>	<u><u>\$ 170,446,499</u></u>

**REVENUE CAPACITY**  
**UNIT SALES BY UTILITY - LAST TEN YEARS <sup>1</sup>**

	<b>FY 2022</b>	<b>FY 2021</b>	<b>FY 2020</b>	<b>FY 2019</b>	<b>FY 2018</b>
<b>ELECTRIC SERVICE (kWh)</b>					
Residential	647,681,947	619,603,668	602,596,573	574,129,413	588,862,015
Commercial Non-Demand	143,203,126	133,499,924	133,567,871	136,405,829	136,319,294
Municipal	38,329,563	37,205,368	37,050,431	38,460,445	39,237,875
Commercial Demand	524,407,077	509,752,301	514,989,472	538,476,727	552,028,532
Other	1,820,521	2,210,581	2,251,157	2,266,542	2,390,778
<i>Total Electric Unit Sales</i>	<u>1,355,442,234</u>	<u>1,302,271,842</u>	<u>1,290,455,504</u>	<u>1,289,738,956</u>	<u>1,318,838,494</u>
<b>WATER SERVICE - 1,000 GALLONS</b>					
Inside City	5,768,423	5,660,788	5,730,053	5,435,140	5,743,114
Outside City	171,177	173,261	162,528	151,259	158,189
Municipal	191,773	191,742	197,883	157,429	162,477
Other	540,387	618,991	569,787	552,631	588,476
<i>Total Water Unit Sales</i>	<u>6,671,760</u>	<u>6,644,782</u>	<u>6,660,251</u>	<u>6,296,459</u>	<u>6,652,256</u>
<b>WASTEWATER SERVICE - 1,000 GALLONS</b>					
Residential	2,753,064	2,786,357	2,807,846	2,592,457	2,745,874
Commercial	1,781,081	1,657,372	1,642,002	1,656,999	1,649,892
Municipal	126,578	107,158	101,107	76,897	76,447
Outside City	116,110	116,262	116,852	107,474	111,471
Other	-	-	-	-	-
<i>Total Wastewater Unit Sales</i>	<u>4,776,833</u>	<u>4,667,149</u>	<u>4,667,807</u>	<u>4,433,827</u>	<u>4,583,684</u>
	<b>FY 2017</b>	<b>FY 2016</b>	<b>FY 2015</b>	<b>FY 2014</b>	<b>FY 2013</b>
<b>ELECTRIC SERVICE</b>					
Residential	578,938,532	564,931,382	551,304,652	567,334,136	533,303,461
Commercial Non-Demand	139,381,802	135,844,893	128,892,385	132,918,707	134,939,048
Municipal	39,785,043	39,500,507	38,995,522	39,371,016	38,895,227
Commercial Demand	560,113,317	557,349,627	554,994,514	558,708,943	570,125,749
Other	2,478,672	2,403,423	2,227,059	2,226,006	2,232,972
<i>Total Electric Unit Sales</i>	<u>1,320,697,366</u>	<u>1,300,029,832</u>	<u>1,276,414,132</u>	<u>1,300,558,808</u>	<u>1,279,496,457</u>
<b>WATER SERVICE</b>					
Inside City	5,832,446	5,560,741	5,281,931	5,753,783	6,294,433
Outside City	157,297	155,104	148,956	155,398	161,450
Municipal	167,724	158,741	122,006	176,477	189,804
Other	525,154	465,077	461,178	506,676	555,452
<i>Total Water Unit Sales</i>	<u>6,682,621</u>	<u>6,339,663</u>	<u>6,014,071</u>	<u>6,592,334</u>	<u>7,201,139</u>
<b>WASTEWATER SERVICE</b>					
Residential	2,804,793	2,709,033	2,554,154	2,795,399	3,036,404
Commercial	1,662,288	1,601,296	1,560,177	1,604,591	1,677,306
Municipal	77,545	78,448	58,998	74,464	80,169
Outside City	123,065	111,277	106,175	118,228	122,924
Other	-	-	-	-	3,671
<i>Total Wastewater Unit Sales</i>	<u>4,667,691</u>	<u>4,500,054</u>	<u>4,279,504</u>	<u>4,592,682</u>	<u>4,920,474</u>

<sup>1</sup> Excludes Public Utilities Board's usage

**REVENUE CAPACITY  
TEN YEAR RATE ANALYSIS  
RESIDENTIAL RATES**

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
<b>ELECTRIC<sup>1</sup></b>										
Customer Service Charge	\$ 6.94	\$ 6.94	\$ 6.94	\$ 6.94	\$ 6.94	\$ 6.94	\$ 6.94	\$ 6.49	\$ 6.01	\$ 5.62
Energy Charge										
First 500 kWh	\$ 0.04862	\$ 0.05141	\$ 0.05420	\$ 0.05420	\$ 0.05420	\$ 0.05420	\$ 0.05420	\$ 0.05241	\$ 0.05022	\$ 0.04862
Over 500 kWh	0.05964	0.06826	0.07688	0.07688	0.07688	0.07688	0.07688	0.07058	0.06458	0.05964
Fuel & Purchased Power	0.05658	0.08093	0.02952	0.02952	0.02952	0.02952	0.02952	0.03401	0.04500	0.05096
<b>WATER (Inside City)<sup>2</sup></b>										
0-3,000 gallons	\$ 2.31	\$ 2.14	\$ 1.98	\$ 1.98	\$ 1.98	\$ 1.98	\$ 1.98	\$ 1.87	\$ 1.80	\$ 1.73
4,000-9,000 gallons	2.55	2.37	2.19	2.19	2.19	2.19	2.19	2.07	1.99	1.91
10,000 to 16,000 gallons	3.15	2.92	2.70	2.70	2.70	2.70	2.70	2.55	2.45	2.36
Over 16,000 gallons	4.76	4.41	4.08	4.08	4.08	4.08	4.08	3.85	3.70	3.56
Customer Service Charge										
5/8x3/4 Water Meter Size	\$ 14.06	\$ 13.02	\$ 12.06	\$ 12.06	\$ 12.06	\$ 12.06	\$ 12.06	\$ 11.38	\$ 10.94	\$ 10.52
<b>WATER (Outside City)<sup>2</sup></b>										
0-3,000 gallons	\$ 3.46	\$ 3.21	\$ 2.97	\$ 2.97	\$ 2.97	\$ 2.97	\$ 2.97	\$ 2.81	\$ 2.70	\$ 2.68
4,000-9,000 gallons	3.84	3.55	3.29	3.29	3.29	3.29	3.29	3.11	2.98	2.95
10,000 to 16,000 gallons	4.72	4.37	4.05	4.05	4.05	4.05	4.05	3.83	3.68	3.10
Over 16,000 gallons	7.14	6.61	6.12	6.12	6.12	6.12	6.12	5.78	5.55	4.60
Resaca Fee	\$ 6.25	\$ 4.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Customer Service Charge										
5/8 x 3/4 Water Meter Size	\$ 21.14	\$ 19.57	\$ 18.12	\$ 18.12	\$ 18.12	\$ 18.12	\$ 18.12	\$ 17.09	\$ 16.43	\$ 15.80
<b>SEWER (Inside City)<sup>3</sup></b>										
0-7,000 gallons	\$ 4.08	\$ 3.74	\$ 3.43	\$ 3.43	\$ 3.43	\$ 3.43	\$ 3.43	\$ 3.43	\$ 3.43	\$ 3.30
over 7,000 gallons	4.47	4.10	3.76	3.76	3.76	3.76	3.76	3.76	3.76	3.62
Customer Service Charge										
5/8 x 3/4 Water Meter Size	\$ 8.88	\$ 8.15	\$ 7.48	\$ 7.48	\$ 7.48	\$ 7.48	\$ 7.48	\$ 7.48	\$ 7.48	\$ 7.19
<b>SEWER (Outside City)</b>										
Rate per 1,000 gallons	\$ 6.71	\$ 6.16	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.65	\$ 5.43
Customer Service Charge										
5/8 x 3/4 Water Meter Size	\$ 13.33	\$ 12.23	\$ 11.22	\$ 11.22	\$ 11.22	\$ 11.22	\$ 11.22	\$ 11.22	\$ 11.22	\$ 10.79

<sup>1</sup> Electric rates were tiered effective fiscal year 2012.

<sup>2</sup> Water rates were tiered effective fiscal year 2006.

<sup>3</sup> Wastewater rates were tiered effective March 2007.

Note: The City Commission of the City of Brownsville, Texas is vested with the right to set utility rates.

## **Debt Capacity**

**These schedules present information to help the reader assess the Brownsville PUB's debt burden and its ability to issue additional debt in the future.**



**DEBT CAPACITY**  
**COMPUTATION OF DEBT SERVICE COVERAGE - LAST TEN YEARS** <sup>1,2,3</sup>

	FY 2022	FY 2021	FY 2020	FY 2019	FY 2018
OPERATING INCOME	\$63,087,602	\$143,255,673	\$28,434,506	\$29,644,124	\$44,488,073
ADD:					
Depreciation Expense	28,054,517	27,205,210	45,684,434	47,613,572	29,536,134
Investment & Other Income	1,523,780	293,233	2,525,819	4,954,356	3,194,311
LESS:					
Interest on Construction Funds	(265,800)	(25,119)	(432,928)	(857,976)	(404,545)
NET AVAILABLE INCOME	<u>\$92,400,099</u>	<u>\$170,728,997</u>	<u>\$76,211,831</u>	<u>\$81,354,076</u>	<u>\$76,813,973</u>
DEBT SERVICE:					
Revenue Bonds Payable Current	\$18,420,000	\$16,870,000	\$14,545,000	\$13,870,000	\$13,456,000
Total Interest Expense	9,545,771	10,308,028	10,947,307	11,453,972	12,171,696
Commercial Paper Interest Expense	179,194	8,861	451,484	442,758	167,579
NET CASH DEBT SERVICE	<u>\$28,144,965</u>	<u>\$27,186,889</u>	<u>\$25,943,791</u>	<u>\$25,766,730</u>	<u>\$25,795,275</u>
DEBT SERVICE COVERAGE (TIMES)	3.28	6.28	2.94	3.16	2.98

	FY 2017	FY 2016	FY 2015	FY 2014	FY 2013
OPERATING INCOME	\$46,967,688	\$33,093,794	\$41,883,847	\$27,256,483	\$21,947,648
ADD:					
Depreciation Expense	28,949,302	28,132,537	28,642,402	27,544,181	26,503,185
Investment & Other Income	1,639,117	1,163,964	815,942	504,537	546,098
LESS:					
Interest on Construction Funds	(178,972)	(193,527)	(128,019)	(94,376)	(8,823)
NET AVAILABLE INCOME	<u>\$77,377,135</u>	<u>\$62,196,768</u>	<u>\$71,214,172</u>	<u>\$55,210,825</u>	<u>\$48,988,108</u>
DEBT SERVICE:					
Revenue Bonds Payable Current	\$12,914,000	\$12,173,000	\$12,066,000	\$10,100,000	\$8,649,000
Total Interest Expense	12,808,172	13,747,956	13,538,613	14,275,285	15,310,103
Commercial Paper Interest Expense	55,636	17,902	13,671	5,929	14,356
NET CASH DEBT SERVICE	<u>\$25,777,808</u>	<u>\$25,938,858</u>	<u>\$25,618,284</u>	<u>\$24,381,214</u>	<u>\$23,973,459</u>
DEBT SERVICE COVERAGE (TIMES)	3.00	2.40	2.78	2.26	2.04

<sup>1</sup>Excludes Southmost Regional Water Authority and fuel supplement paid from restricted fuel adjustment subaccount.

<sup>2</sup>Operating Income for FY 2019 is restated and FY 2020 is lower than in previous years due to change in the reporting of the fuel supplement.

<sup>3</sup>Operating Income in FY 2021 is exceptionally high due to Winter Storm Uri event in February 2021.

## **Demographic and Economic Information**

**This schedule offers demographic and economic indicators to help the reader understand the environment in which the Brownsville PUB's financial activities take place**

## GENERAL INFORMATION REGARDING THE CITY

The information contained herein is relative to the City and the System service area is intended solely to provide a general description of the community served by the System and to provide certain information concerning the City.

### GENERAL

The City is the county seat of Cameron County, Texas. It is the southernmost city in Texas and the largest city in the lower Rio Grande Valley. The City is located about 23 miles inland from the Gulf of Mexico, on the north bank of the Rio Grande River directly across from Matamoros, Mexico, which it joins by three international bridges. The City serves as a trade center for much of the lower Rio Grande Valley.

The City has a semi-arid, subtropical climate. The lower Rio Grande Valley has rich, fertile delta soil, much of which is irrigated. Crops consist of vegetables, cotton, grain, sugar cane and citrus. The vegetation is typical of the tropics with palms, bougainvillea, poinciana and many other flowering trees and plants. Throughout the area are citrus orchards, which bloom in February and ripen in October. It has only snowed twice in the City in the last 100 years and seldom freezes. Weather characteristics of the City are 75 degrees mean average temperature (67 average in winter, 83 average in summer); 25.4 inch average rainfall; 10 mph average wind velocity; average elevation 57 feet above sea level; and 66 percent relative humidity.

### POPULATION

The lower Rio Grande Valley consists of Cameron, Hidalgo, Starr and Willacy Counties with an area of approximately 4,200 square miles and a population of over 1,300,000 based on 2015 estimated census information. Winter residents increase the population substantially. The table below sets forth the population of the City, as reported in the Federal censuses covering the last six decades.

### POPULATION STATISTICS

<u>YEAR</u>	<u>BROWNSVILLE <sup>(1)</sup></u>	<u>CAMERON COUNTY <sup>(2)</sup></u>
2020	186,738	421,017
2021	187,831	423,029
2022	189,382	425,208

<sup>(1)</sup> Estimate from US Census Bureau.

<sup>(2)</sup> Population growth based on average historical rates.

## INDUSTRIAL DEVELOPMENT

The major portion of the City's industrial jobs and related payroll has materialized since 1971. Industrial manufacturing is rapidly becoming the primary base of economic growth, causing additional residential and commercial development.

Industries which are represented in the City include offshore drilling platforms, chemicals, electronics, communications components, ship dismantling, shrimp processing, paper and plastic bags, fluorspar, engineering, industrial engines, tool-die service, plastic injection molding, industrial services, and the manufacturing of fiberglass swimming pool accessories, corrugated boxes, utility buildings, marble vanities, fiberglass boats, appliances, automotive products, drill bits, apparel, fire and safety equipment and shrimp boats. A sampling of corporations includes Carling Technologies, Inc., CK Technologies, CTS Corporation, Dipasa US Inc., Fisher Dynamics, General Motors Corp., Gobar Systems, Keppel AmFels, National Electric Coil Division, ORC Industries, Polibrid Coatings, SaintGobain Corporation, Tella Tool, and Trico Products Corporation.

The following companies either started up or expanded operations in Brownsville/Matamoros:

Airpax Corporation (N.A. Philips)	AMFELS, Inc.
Antique Street Lamps, Inc.	AT&T Microelectronics
Border Alliance, SA de CV (Subcontractor)	Breed Automotive
Butternut Electronics	Eaton Corporation
FAMSA (Mitsubishi International Corp.)	Fort Brown Manufacturing
Gateway Services, Inc.	Levi Strauss & Co.
Hunter Fan, Inc.	Magnetek-Louis Allis Motor Controls
Magnetek-Hesgon Division	Austin Star Detonator
Magnetek-National Electric Coil	Northern Electric (NECO)
Magnetek-Universal Div.	Olson Metal Products
Nova/Link (shelter/subcontractor)	Rapid Design Service, Inc.
Panasonic Industrial Corp	Unique Molded Products
Yount Int'l, Ltd. (subcontracting)	Roca Construction
RGV Shelter Assoc. (Shelter)	Summit Polymers
Rohm & Haas Latin America, Inc.	Teccor Electronics (Ranco)
Synchro Mechanisms of America	Trico Technologies Corporation
Therma-Tru Corp.	Space-X

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The following table lists the principal employers in the System service area.

**MAJOR EMPLOYERS CITY OF BROWNSVILLE**

	<u>NAME</u>	<u>CLASSIFICATION</u>	<u>EMPLOYEES</u>
1	Brownville ISD	Education	6,135
2	Caring For You Home Health	Medical Healthcare	2,300
3	Cameron County	Government	1,800
4	Southwest Keys Programs	Non-profit	1,500
5	Keppel Amfels	Manufacturing	1,450
6	University of Texas Rio Grande Valley	Education	1,372
7	SpaceX	Areospace	2,100
8	City of Brownsville	Government	1,200
9	Abundant Life Home Health	Medical Healthcare	1,064
10	Wal-Mart	Retail	1,055

**Sources:**

Brownsville Community Improvement Corporation

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## **THE BROWNSVILLE NAVIGATION DISTRICT AND THE PORT OF BROWNSVILLE**

The Port of Brownsville, the only deepwater port located on the U.S. and Mexico border, provides a full range of services to ensure efficient and timely cargo delivery worldwide. With abundant land for development and seventeen miles of waterfront access, the Port of Brownsville offers easy access to non-congested international bridge crossings and rail connections to your ultimate destination.

### **FACILITIES**

- Approximately 40,000 acres of land
- 635,000 sq. ft. covered storage
- 3+ million sq. ft. open storage
- 13 cargo docks
- 5 liquid cargo dock

### **M-10 HIGHWAY DESIGNATION**

The Port is designated as part of the M-10 Marine Highway corridor. This allows the Port to provide an economical method of transporting cargo with service routes from the Port of Brownsville along the newly designated M-10 Marine Highway.

### **MEXICO IMPORT/EXPORT EXPERTS**

The Port of Brownsville provides excellent services to facilitate the international movement of goods between the United States and Mexico. The Port has the facilities and the knowledge to handle international cargo efficiently.

### **LOCATION**

The Port is located at the southernmost tip of Texas at the westernmost terminus of a 17 mile (27 kilometer) channel that flows into the Gulf of Mexico at the Brazos Santiago Pass. The City of Brownsville is two miles (3.3 kilometers) to the southwest and lies adjacent to the Rio Grande River, providing a convenient gateway via three international bridges to Mexico and beyond.

### **MAIN CHANNEL DEPTH**

The Brownsville Ship Channel has an authorized depth of 42 feet. The Turning Basin, has a depth of 36 feet and a width of 1,200 feet.

### **LAND AVAILABLE FOR DEVELOPMENT**

The Port owns approximately 40,000 acres (16,187 hectares) of land available for development. Developed and undeveloped sites are available in the Port's Turning Basin for cargo facilities, industrial sites, expansion, relocation, manufacturing, greenfield projects, and more.

## **PRIMARY CARGOES**

Steel Products: slabs, coils, plates, beams, iron ore, steel pipe, billets, pig iron, wire rod, ingots, briquettes, chrome ore

Liquid Cargo: lubricants, diesel, gasoline, fuel oil #6, jet fuel, naphtha, wax, vacuum gas oils

Breakbulk Cargo: limestone, asphalt, minerals

Other: grain, barite, bauxite, petroleum coke, aluminum, scrap metals, electrical poles, windmill components, etc.

## **OTHER PORT AREA SERVICES**

Bunkering/Fuel; Construction and Refurbishing of Offshore Drilling Rigs, Domestic and International Container service; Bulk Terminaling for Miscellaneous Liquids; Ship Repairing and Dismantling/Recycling; Breakbulk/Heavy Lift/Project Cargo; Steel Fabrication, Boat Construction; Grain Handling and Storage; LPG Storage/Distribution; Crane Maintenance and Repair; Environmental & Waste Services; Marine Equipment/Supplies; and Towing & Tug Services.

## **MULTIMODAL ACCESS**

The Port of Brownsville offers multiple modes of transportation which include ocean-going vessels, all major U.S. and Mexican truck lines, rail service, barge service via the U.S. Intracoastal and Inland Waterway System, short-sea shipping via the M-10 Marine Highway, pipeline access to U.S. and Mexican terminals, and air freight service at the Brownsville/South Padre Island International Airport.

## **OVERWEIGHT CORRIDOR**

In order to facilitate the movement of cargo to and from Mexico, the Port of Brownsville, in conjunction with the Texas Department of Transportation, issues permits online to shippers allowing them to load their trucks to the legal weight limits of Mexico. The permits cover truck movements between the Veterans International Bridge and the Port of Brownsville via International Boulevard (SH 48). This provides the most efficient and cost-effective movement of cargo by trucks to destinations in Mexico.

## **FISHING HARBOR**

Located on the north side of the Brownsville Ship Channel, about five miles (8.1 kilometers) east of the Turning Basin, is the Fishing Harbor, a unique asset at the Port. The Fishing Harbor consists of three 14- foot (4.2 meters) deep basins and over 10,000 linear feet (3,280 meters) of docks, which house up to 500 fishing boats, that call the Port of Brownsville home.

## **BROWNSVILLE & RIO GRANDE INTERNATIONAL RAILWAY (BRG)**

The Brownsville & Rio Grande International Railway (BRG) provides efficient and reliable rail service to all businesses at the Port of Brownsville. Operations are 24 hours per day, 6 days per week. The BRG offers direct interchange with Union Pacific Railroad (UP), Burlington Northern Santa Fe

(BNSF) and Kansas City Southern de Mexico (KCSM). KCSM serves as UP's intermediate switch to and from Mexico.

## **FOREIGN TRADE ZONE**

On October 20, 1980, U. S. Customs created Foreign Trade Zone ("FTZ") Number 62 with the District as the Grantee and operator. There is a total of 2,680 acres available for FTZ status at the Port of Brownsville, the Brownsville/South Padre Island International Airport, the Harlingen Industrial Park, the Los Indios Industrial Park/FINSA Industrial Park, and the NAFTA Industrial Park. The District receives fees from tenants utilizing the District's zone status. There are currently six Foreign Trade Zone tenants operating within the FTZ with general purpose warehousing and liquid bulk storage available.

## **TOURISM**

Tourism is one of the area's biggest industries. The City ranks among the top five cities in Texas for long and short term stays, with the Rio Grande Valley as the number one area in the State of Texas as a destination point for automobile tourist traffic entering Texas. The City area has twenty-nine hotels and motels with 1,740 rooms and two country clubs. Vacationers are attracted by subtropical climate, proximity to Mexico and access to South Padre Island. In addition to a rich historical past, the City has one of the finest zoos in the nation, the Gladys Porter Zoo, donated by the Sams Foundation. Also, the Laguna-Atascosa Wildlife Refuge, Confederate Air Force Flying Museum and the Port Isabel Lighthouse are open for tourists.

## **TRANSPORTATION**

The City is the only location on the U.S./Mexico border offering all modes of transportation including highway, air, railroad and waterborne. The City is the terminus of U.S. Highways 77/83 and 281. Three international bridges, B&M (a privately-owned bridge), Gateway International, and Veteran's International, owned by Cameron County, connect the City with Matamoros, Mexico. Several bus companies, including Greyhound Bus Line, Valley Transit and El Expreso, and motor freight carriers also serve the area. Two international airports are within a 30-mile area; the Brownsville/South Padre Island International Airport, serviced by American Airlines and United Airlines, and the Valley International Airport, serviced by Southwest Airlines and United Airlines. Air cargo is provided by FedEx, DHL, United Cargo and Southwest Airlines Cargo.

Railroad needs are met by Union Pacific and Ferrocarriles Nacionales de Mexico.

Waterborne shipping is provided through the Port to domestic and foreign destinations by barge and deep water vessels.

## **EDUCATIONAL FACILITIES**

The City is encompassed by the Brownsville Independent School District ("BISD"). The BISD is currently comprised of 7 high schools, 10 middle schools, 35 elementary schools and 3 alternative



learning centers. In addition to the public schools, there are several private schools and charter schools ranging from kindergarten through high school available in the City.

## **SECONDARY EDUCATION**

There are multiple institutions of higher education within a 60-mile radius of the City.

The University of Texas Rio Grande Valley has main campuses in Brownsville and Edinburg. UTRGV is a global innovator in higher education, bilingual education, health education, biomedical research, and emerging technology.

Texas Southmost College, located in Brownsville, was originally established in 1926. It currently offers the first two years toward a bachelor's degree, along with career and technical education leading to certificates and associate degrees, college preparatory studies to prepare students for college-level work, workforce training, and continuing education.

Texas State Technical Institute ("TSTC"), located in Harlingen (25 miles from the City), is a state-supported technical college system, with a mission of preparing its students to enter the workforce ready to meet the high-tech challenges of today's industry.

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**DEMOGRAPHIC STATISTICS  
LAST TEN FISCAL YEARS**

Fiscal Year	Population*	Per Capita Income	(Thousand's of Dollars) Personal Income	Median Age	Education Level in Years of Formal Schooling	Public School Enrollment	Unemployment Rate
2022	189,382	18,207	3,448,078	30.9	68.0%-High School 20.5%-Bachelor's Degree	37,898	6.00%
2021	187,831	17,108	3,213,413	30.9	66.3%-High School 19.7%-Bachelor's Degree	48,138	7.30%
2020	186,738	16,551	3,090,701	30.6	65.4%-High School 18.9%-Bachelor's Degree	42,989	7.90%
2019	186,646	15,495	2,892,080	30.3	64.3%-High School 18.9%-Bachelor's Degree	44,452	5.80%
2018	186,646	15,030	2,805,289	30.3	64.1%-High School 18.8%-Bachelor's Degree	45,578	5.20%
2017	185,349	14,683	2,721,479	30.7	63.8%-High School 18.0%-Bachelor's Degree	46,880	5.80%
2016	184,865	14,489	2,678,509	30.6	64.1%-High School 17.5%-Bachelor's Degree	47,749	6.60%
2015	183,046	14,124	2,585,342	29.8	63.1%-High School 17.2%-Bachelor's Degree	47,717	6.50%
2014	181,860	14,167	2,576,411	29.3	64.3%-High School 18.4%-Bachelor's Degree	48,248	8.10%
2013	180,097	13,556	2,441,395	29.5	61.8%-High School 15.7%-Bachelor's Degree	49,274	10.30%

\*Population Estimates U.S. Census Bureau

**SOURCES:**

Brownsville Independent School District  
U.S. Census Bureau  
U.S. Bureau of Economic Analysis

## **Operating Information**

**These schedules contain service and infrastructure data to help the reader understand how the information in the Brownsville PUB's Budget and CAFR relate to the service Brownsville PUB provides and the activities it performs**

# OPERATING INFORMATION

## EXPENSES BY UTILITY – LAST TEN YEARS

	FY 2022	FY 2021	FY 2020	FY 2019	FY 2018 Restated
<b>ELECTRIC</b>					
Generation and Purchases for Resale	\$ 114,036,921	\$ 212,928,881	\$ 69,918,239	\$ 74,796,747	\$ 74,337,732
Transmission and Distribution	9,326,475	8,422,883	8,376,963	7,382,752	7,130,981
Administrative and General	31,374,284	32,935,034	32,736,695	32,546,901	28,859,842
Rate Stabilization <sup>2</sup>	-	-	-	-	-
Depreciation	13,642,643	12,718,751	30,072,347	33,556,217	15,978,408
Total Electric Operating Expenses	<u>\$ 168,380,323</u>	<u>\$ 267,005,549</u>	<u>\$ 141,104,244</u>	<u>\$ 148,282,617</u>	<u>\$ 126,306,963</u>
<b>WATER</b>					
Plant Operations	\$ 5,593,638	\$ 5,197,196	\$ 5,311,778	\$ 5,222,708	\$ 5,782,746
Transmission and Distribution	3,766,630	3,479,550	3,559,242	3,324,018	3,416,818
Administrative and General	4,601,985	5,205,105	5,817,008	6,507,019	6,411,935
Depreciation	5,726,665	5,483,139	5,922,981	5,111,179	5,039,447
Total Water Operating Expenses	<u>\$ 19,688,918</u>	<u>\$ 19,364,990</u>	<u>\$ 20,611,009</u>	<u>\$ 20,164,924</u>	<u>\$ 20,650,946</u>
<b>WASTEWATER</b>					
Plant Operations	\$ 7,820,923	\$ 6,573,943	\$ 6,551,461	\$ 7,210,932	\$ 6,774,909
Transmission and Distribution	1,188,945	974,216	741,446	830,075	808,444
Administrative and General	4,310,759	4,949,096	5,440,147	6,594,912	6,049,418
Depreciation	8,685,210	9,003,321	9,689,106	8,946,176	8,518,279
Total Wastewater Operating Expenses	<u>\$ 22,005,837</u>	<u>\$ 21,500,576</u>	<u>\$ 22,422,160</u>	<u>\$ 23,582,095</u>	<u>\$ 22,151,050</u>
<b>SOUTHMOST REGIONAL WATER AUTHORITY</b>					
Administration and General	\$ 3,996,129	\$ 3,091,463	\$ 3,353,539	\$ 3,440,425	\$ 3,572,989
Depreciation	1,299,550	1,283,498	1,287,437	1,276,262	1,250,362
Total SRWA Operating Expenses	<u>\$ 5,295,679</u>	<u>\$ 4,374,961</u>	<u>\$ 4,640,976</u>	<u>\$ 4,716,687</u>	<u>\$ 4,823,351</u>
<b>TOTAL OPERATING EXPENSES</b>	<u>\$ 215,370,757</u>	<u>\$ 312,246,076</u>	<u>\$ 188,778,389</u>	<u>\$ 196,746,323</u>	<u>\$ 173,932,310</u>
<b>OTHER NONOPERATING REVENUES (EXPENSES)<sup>1</sup></b>	<u>\$ (13,401,318)</u>	<u>\$ (34,962,276)</u>	<u>\$ 5,053,209</u>	<u>\$ (15,794,133)</u>	<u>\$ (8,397,086)</u>

<sup>1</sup> Excludes payments to the City of Brownsville

<sup>2</sup> FY18 and FY17 restated due to Rate Stabilization funds previously considered operating expenses now netted from revenues.

**OPERATING INFORMATION**  
**EXPENSES BY UTILITY – LAST TEN YEARS (continued)**

	FY 2017 Restated	FY 2016 Restated	FY 2015	FY 2014	FY 2013
<b>ELECTRIC</b>					
Generation and Purchases for Resale	\$ 70,496,415	\$ 63,120,545	\$ 72,523,667	\$ 73,010,092	\$ 58,343,217
Transmission and Distribution	6,965,840	6,912,082	6,499,004	6,284,873	6,305,706
Administrative and General	29,431,623	34,583,521	21,524,432	20,437,763	20,656,916
Rate Stabilization <sup>2</sup>	-	-	-	-	-
Depreciation	15,986,715	15,069,917	14,887,881	14,768,870	14,793,412
Total Electric Operating Expenses	<u>\$ 122,880,593</u>	<u>\$ 119,686,065</u>	<u>\$ 115,434,984</u>	<u>\$ 114,501,598</u>	<u>\$ 100,099,251</u>
<b>WATER</b>					
Plant Operations	\$ 4,427,577	\$ 5,129,025	\$ 5,581,020	\$ 6,397,130	\$ 5,649,170
Transmission and Distribution	3,260,832	3,082,104	2,901,226	2,743,060	2,565,614
Administrative and General	6,126,023	7,250,855	5,141,431	5,325,225	4,748,131
Depreciation	4,894,699	5,116,669	5,622,967	5,543,534	5,345,962
Total Water Operating Expenses	<u>\$ 18,709,131</u>	<u>\$ 20,578,653</u>	<u>\$ 19,246,644</u>	<u>\$ 20,008,949</u>	<u>\$ 18,308,877</u>
<b>WASTEWATER</b>					
Plant Operations	\$ 6,530,394	\$ 6,526,539	\$ 6,417,406	\$ 6,656,181	\$ 6,138,037
Transmission and Distribution	772,747	837,287	1,160,632	920,364	764,006
Administrative and General	6,051,881	7,667,223	5,502,973	5,431,148	5,171,407
Depreciation	8,067,888	7,945,949	8,131,553	7,231,777	6,363,811
Total Wastewater Operating Expenses	<u>\$ 21,422,910</u>	<u>\$ 22,976,998</u>	<u>\$ 21,212,564</u>	<u>\$ 20,239,470</u>	<u>\$ 18,437,261</u>
<b>SOUTHMOST REGIONAL WATER AUTHORITY</b>					
Administration and General	\$ 3,351,035	\$ 3,489,520	\$ 3,123,518	\$ 2,775,244	\$ 2,970,231
Depreciation	1,244,517	931,124	864,865	864,865	862,860
Total SRWA Operating Expenses	<u>\$ 4,595,552</u>	<u>\$ 4,420,644</u>	<u>\$ 3,988,383</u>	<u>\$ 3,640,109</u>	<u>\$ 3,833,091</u>
<b>TOTAL OPERATING EXPENSES</b>	<u>\$ 167,608,186</u>	<u>\$ 167,662,360</u>	<u>\$ 159,882,575</u>	<u>\$ 158,390,126</u>	<u>\$ 140,678,480</u>
<b>OTHER NONOPERATING REVENUES (EXPENSES)<sup>1</sup></b>	<u>\$ (15,400,823)</u>	<u>\$ (14,102,922)</u>	<u>\$ (15,646,848)</u>	<u>\$ (14,391,847)</u>	<u>\$ (16,689,611)</u>

<sup>1</sup> Excludes payments to City of Brownsville

<sup>2</sup> FY16 restated due to Rate Stabilization funds previously considered operating expenses now netted from revenues.

**OPERATING INFORMATION**  
**ELECTRIC ENERGY SOURCES, WATER AND WASTEWATER STATISTICS**  
**LAST TEN YEARS**

	FY 2023	FY 2022	FY 2021	FY 2020	FY 2019
<b>SOURCES OF ENERGY (kWh)</b>					
Total Net Energy Generated	931,648,364	808,254,582	926,706,204	1,231,824,938	1,350,866,264
Total Energy Purchased	1,045,607,979	1,088,610,589	974,035,691	336,912,190	186,542,500
<b>TOTAL SOURCES OF ENERGY</b>	<b>1,977,256,343</b>	<b>1,896,865,171</b>	<b>1,900,741,895</b>	<b>1,568,737,128</b>	<b>1,537,408,764</b>
Less: System Losses and Inadvertent Energy (kWh)	(33,126,398)	(25,649,874)	(29,116,701)	(29,241,337)	(25,542,731)
Net Available for Sale (kWh)	1,944,129,945	1,871,215,297	1,871,625,194	1,539,495,791	1,511,866,033
Sales for Resale (kWh)	(568,636,524)	(519,115,193)	(576,980,218)	(264,564,600)	(204,155,127)
<b>NET ENERGY FOR LOAD</b>	<b>1,375,493,421</b>	<b>1,352,100,104</b>	<b>1,294,644,976</b>	<b>1,274,931,191</b>	<b>1,307,710,906</b>
<b>WATER STATISTICS</b>					
<b>Water Production - 1,000 Gallons</b>					
Raw Water Treated	5,965,414	5,733,552	5,326,847	5,298,583	5,318,507
Raw Water Used in Plant	(236,026)	(172,143)	(200,208)	(244,219)	(265,051)
<b>Surface Water Treated</b>	<b>5,729,388</b>	<b>5,561,409</b>	<b>5,126,639</b>	<b>5,054,364</b>	<b>5,053,456</b>
SRWA (Purchased Water)*	2,269,203	2,107,533	2,340,149	2,537,831	2,482,556
<b>Water Pumped to City</b>	<b>7,998,591</b>	<b>7,668,942</b>	<b>7,466,788</b>	<b>7,592,195</b>	<b>7,536,012</b>
Water Sales	6,799,304	6,749,619	6,740,690	6,757,580	6,334,790
Other Unmetered Usage	203,289	31,644	50,564	114,398	255,969
Losses and Unaccounted for Gallonage	995,998	887,679	675,534	717,460	945,253
<b>Thousand Gallons to System</b>	<b>7,998,591</b>	<b>7,668,942</b>	<b>7,466,788</b>	<b>7,589,438</b>	<b>7,536,012</b>
<b>Unaccounted For</b>	<b>12.45%</b>	<b>11.57%</b>	<b>9.00%</b>	<b>9.50%</b>	<b>12.54%</b>
Average Daily Consumption	21,914	21,011	22,657	20,725	20,627
Peak Maximum Demand (MG)	29	27	25	27	27
Date	8/14/2023	7/26/2022	9/9/2021	7/20/2020	8/21/2019
<b>WASTEWATER STATISTICS</b>					
Annual Demand (1,000 Gals.)	5,555,607	5,616,317	5,339,312	5,240,443	5,269,519
Maximum Day (MG)	40.5	35.8	38.4	36.5	29.8

\* FY 2011 through FY 2022 Water Production includes Southmost Regional Water Authority Production.

**OPERATING INFORMATION**  
**ELECTRIC ENERGY SOURCES, WATER AND WASTEWATER STATISTICS**  
**LAST TEN YEARS (continued)**

	FY 2018	FY 2017	FY 2016	FY 2015	FY 2014
<b>SOURCES OF ENERGY (kWh)</b>					
Total Net Energy Generated	1,224,415,215	1,202,079,235	1,231,840,523	806,397,153	921,011,194
Total Energy Purchased	295,731,900	328,964,400	428,953,100	690,167,500	578,306,000
<b>TOTAL SOURCES OF ENERGY</b>	1,520,147,115	1,531,043,635	1,660,793,623	1,496,564,653	1,499,317,194
Less: System Losses and Inadvertent Energy (kWh)	(27,039,952)	(24,589,310)	(22,449,897)	(25,996,837)	(27,903,614)
Net Available for Sale (kWh)	1,493,107,163	1,506,454,325	1,638,343,726	1,470,567,816	1,471,413,580
Sales for Resale (kWh)	(159,885,557)	(177,000,430)	(316,499,025)	(29,993,800)	(12,239,700)
<b>NET ENERGY FOR LOAD</b>	1,333,221,606	1,329,453,895	1,321,844,701	1,440,574,016	1,459,173,880
<b>WATER STATISTICS</b>					
<b>Water Production - 1,000 Gallons</b>					
Raw Water Treated	5,874,579	5,579,560	5,301,156	5,216,966	5,888,490
Raw Water Used in Plant	(207,020)	(119,670)	(160,738)	(235,716)	(54,450)
<b>Surface Water Treated</b>	5,667,559	5,459,890	5,140,418	4,981,250	5,834,040
SRWA (Purchased Water)*	2,495,123	2,440,611	2,317,634	2,092,497	1,816,125
<b>Water Pumped to City</b>	8,162,682	7,900,501	7,458,052	7,073,747	7,650,165
Water Sales	6,695,462	6,732,120	6,392,340	6,055,349	6,636,736
Other Unmetered Usage	165,736	155,286	130,685	89,772	208,500
Losses and Unaccounted for Gallonage	1,301,484	1,013,095	935,027	928,626	804,929
<b>Thousand Gallons to System</b>	8,162,682	7,900,501	7,458,052	7,073,747	7,650,165
<b>Unaccounted For</b>	15.94%	12.82%	12.54%	13.13%	10.52%
Average Daily Consumption	22,341	18,444	17,465	22,253	21,078
Peak Maximum Demand (MG)	30	34	29	27	29
Date	8/20/2018	5/23/2017	8/10/2016	8/11/2015	8/21/2014
<b>WASTEWATER STATISTICS</b>					
Annual Demand (1,000 Gals.)	5,300,889	5,370,043	5,580,261	5,916,884	5,047,953
Maximum Day (MG)	34.8	21.2	32.6	36.2	32.2

\* FY 2011 through FY 2022 Water Production includes Southmost Regional Water Authority Production.



B R O W N S V I L L E  
**PUBLIC UTILITIES BOARD**

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