

CITY OF  
**EDGEWATER**

**Water, Wastewater, Solid Waste, and Stormwater  
Utility Rate Study – Fiscal Year 2022 Update**

August 11, 2022

August 11, 2022

Honorable Mayor and Members of the City Council  
 City of Edgewater  
 104 N. Riverside Drive  
 Edgewater, FL 32132

Subject: **Water, Wastewater, Solid Waste, and Stormwater Utility Rate Study – Fiscal Year 2022 Update**

Ladies and Gentlemen:

Raftelis Financial Consultants, Inc. (“Raftelis”) has completed our Fiscal Year 2022 update to the Rate Study for the water, wastewater, solid waste, and stormwater rates for the City of Edgewater, Florida (the “City”) and has summarized the results of our analyses, assumptions, recommendations, and conclusions in this report, which is submitted for your consideration. The analysis encompassed a financial evaluation for the six- (6) fiscal year period of October 1, 2021 through September 30, 2027 (the “Forecast Period”). Based on the assumptions relied upon in the development of the projected utility system revenues and expenditure needs, Raftelis has identified the need for water, wastewater, solid waste, and stormwater rate adjustments shown below for Fiscal Years 2024 through 2027.

### Summary of Previously Adopted and Proposed Rate Adjustments

Description	Fiscal Year Ending September 30,					
	2022	2023	2024	2025	2026	2027
Previously Recommended Rate Adjustments:						
Water and Wastewater Systems	6.0%	4.0%	3.0%	3.0%	3.0%	N/A
Solid Waste System:						
Collection Service	0.0%	3.0%	3.0%	3.0%	3.0%	N/A
Recycling Service	0.0%	2.2%	2.3%	2.4%	2.4%	N/A
Stormwater System	8.3%	3.9%	3.7%	3.6%	1.7%	N/A
Proposed Rate Adjustments:						
Water and Wastewater Systems [1]	N/A	0.0%	3.5%	3.5%	3.5%	3.5%
Solid Waste System: [2]						
Collection Service	N/A	0.0%	8.8%	8.8%	8.8%	8.8%
Recycling Service	N/A	0.0%	8.8%	8.8%	8.8%	8.8%
Stormwater System [3]	N/A	0.0%	3.9%	3.7%	3.6%	3.5%

[1] Rates were adjusted at the beginning of Fiscal Year 2022 by 6.0% for the water and wastewater systems.

[2] Rates were held constant in Fiscal Year 2022.

[3] Rates were held increased for Fiscal Year 2022 by 8.3%.

Honorable Mayor and Members of the City Council  
City of Edgewater  
August 11, 2022  
Page 2

As can be seen above, the total proposed rate adjustments for the water, wastewater, and solid waste systems are generally not on plan with those presented in the previous rate study. The proposed shift in rate increases for the various systems are primarily due to changes in operating costs and the amount and timing of certain capital projects as well as the desire to provide customers with some rate relief in 2023 by not raising rates that year. The proposed utility rates for all are designed to meet several goals and objectives. The main objective of our analysis was to develop a proposed rate plan that will produce revenues sufficient to meet the projected expenditure requirements of each utility system over the forecast window.

Other goals and objectives considered in the study include:

- The proposed rates should allow the utility to maintain a financial position that is both sustainable and consistent with performance criteria established by the City and based on utility industry standards;
- The proposed rates should comply with rate covenant requirements associated with existing debt or future borrowings;
- The proposed rates should be based on full cost recovery principles; and
- The proposed rates, to the extent practical, should be comparable with those of neighboring utility systems.

The proposed rates and charges for water, wastewater, solid waste, and stormwater service are designed to meet the goals and objectives outlined above and should be sufficient to provide for the recovery of the total costs anticipated for each utility system.

Following this letter, we have provided a summary report, which briefly summarizes the results of our study and outlines our recommendations and conclusions.

We appreciate the opportunity to be of service to the City and would like to thank the City staff for their valuable assistance and cooperation during this study.

Respectfully submitted,

**RAFTELIS FINANCIAL CONSULTANTS, INC.**



**Henry L. Thomas**  
*Vice President*



**Shawn A. Ocasio**  
*Manager*

HLT/dlc  
Attachments

**CITY OF EDGEWATER, FLORIDA**

**WATER, WASTEWATER, SOLID WASTE, AND STORMWATER  
UTILITY RATE STUDY – FISCAL YEAR 2022 UPDATE**

**TABLE OF CONTENTS**

Title	Page No.
Letter of Transmittal	
Table of Contents .....	i
List of Tables and Appendices.....	iii
SECTION 1 – WATER AND WASTEWATER SYSTEMS .....	1-1
Customer Growth and Revenues.....	1-1
Operating and Maintenance Expenses.....	1-1
Capital Improvement Plan .....	1-2
Existing and Proposed Debt .....	1-2
Transfers .....	1-2
Cash Balances.....	1-2
Conclusions and Recommendations .....	1-3
Rate Comparison.....	1-3
SECTION 2 – SOLID WASTE SYSTEM.....	2-1
Customer Growth and Revenues.....	2-1
Operating and Maintenance Expenses.....	2-1
Capital Improvement Plan .....	2-2
Existing and Proposed Debt .....	2-2
Transfers .....	2-2
Cash Balances.....	2-2
Conclusions and Recommendations .....	2-2
Rate Comparison.....	2-4

**CITY OF EDGEWATER, FLORIDA**

**WATER, WASTEWATER, SOLID WASTE, AND STORMWATER  
UTILITY RATE STUDY – FISCAL YEAR 2022 UPDATE**

**TABLE OF CONTENTS (cont'd.)**

Title	Page No.
SECTION 3 – STORMWATER SYSTEM .....	3-1
Customer Growth and Revenues.....	3-1
Operating and Maintenance Expenses .....	3-1
Capital Improvement Plan .....	3-2
Existing and Proposed Debt .....	3-2
Transfers .....	3-2
Cash Balances.....	3-2
Conclusions and Recommendations .....	3-3
Rate Comparison.....	3-4

**CITY OF EDGEWATER, FLORIDA**

**WATER, WASTEWATER, SOLID WASTE, AND STORMWATER  
UTILITY RATE STUDY – FISCAL YEAR 2022 UPDATE**

**LIST OF TABLES AND APPENDICES**

<b>Table No.</b>	<b>Description</b>
<b>SECTION 1 – WATER AND WASTEWATER SYSTEMS</b>	
1-1	Summary of Historical and Projected Water Accounts and Sales
1-2	Summary of Historical and Projected Wastewater Accounts and Billable Flows
1-3	Summary of Historical and Projected Reclaimed Water Accounts and Billable Flows
1-4	Summary of Projected Water Rate Revenues Under Existing Rates
1-5	Summary of Projected Wastewater Rate Revenues Under Existing Rates
1-6	Summary of Historical and Projected Reclaimed Water Rate Revenues
1-7	Allocation of Fiscal Year 2022 Operating Budget
1-8	Allocation References
1-9	Projection of Water System Operating Expenses
1-10	Projection of Wastewater System Operating Expenses
1-11	Projection of Combined Water and Wastewater System Operating Expenses
1-12	Summary of Projected Escalation Factors
1-13	Capital Improvement Program Funding Plan
1-14	Summary of Existing and Proposed Annual Debt Service Payments – Sinking Fund Basis
1-15	Projection of Renewal and Replacement Fund Transfers
1-16	Projection of Charter Reserve Fund Transfers
1-17	Projection of Operating and Other Transfers
1-18	Projection of Ending Cash Balances and Interest Income
1-19	Projection of Water System Revenue Requirements
1-20	Projection of Wastewater System Revenue Requirements
1-21	Projection of Combined Water and Wastewater System Revenue Requirements
1-22	Projection of Debt Service Coverage Compliance
1-23	Comparison of Typical Monthly Residential Bills for Water Service
1-24	Comparison of Typical Monthly Residential Bills for Wastewater Service
1-25	Comparison of Typical Monthly Residential Bills for Combined Water and Wastewater Service
<b>SECTION 2 – SOLID WASTE SYSTEM</b>	
2-1	Projected Collection Customers and Revenues Under Existing Rates
2-2	Projected Solid Waste System Revenue Under Existing Rates
2-3	Fiscal Year 2022 Operating Budget

**CITY OF EDGEWATER, FLORIDA**

**WATER, WASTEWATER, SOLID WASTE, AND STORMWATER  
UTILITY RATE STUDY – FISCAL YEAR 2022 UPDATE**

**LIST OF TABLES AND APPENDICES (cont'd.)**

<u>Table No.</u>	<u>Description</u>
<b>SECTION 2 – SOLID WASTE SYSTEM (cont'd.)</b>	
2-4	Projection of Solid Waste Operating Expenses
2-5	Summary of Projected Escalation Factors
2-6	Capital Improvement Program Funding Plan
2-7	Summary of Debt Service Payments – Sinking Fund Basis
2-8	Projection of Interfund Transfers
2-9	Projection of Ending Cash Balances and Interest Income
2-10	Projected Solid Waste System Revenue Requirements
2-11	Projection of Debt Service Coverage Compliance
2-12	Comparison of Monthly Residential Collection and Disposal Bills
<b>SECTION 3 – STORMWATER SYSTEM</b>	
3-1	Summary of Historical and Projected Stormwater Accounts
3-2	Summary of Projected Stormwater Rate Revenues Under Existing Rates
3-3	Projection of Other Operating Revenues
3-4	Fiscal Year 2022 Operating Budget
3-5	Projected Stormwater System Operating Expenses
3-6	Summary of Projected Escalation Factors
3-7	Capital Improvement Program Funding Plan
3-8	Summary of Debt Service Payments – Sinking Fund Basis
3-9	Projection of Operating and Other Transfers
3-10	Projection of Ending Cash Balances and Interest Income
3-11	Projected Stormwater System Revenue Requirements
3-12	Projection of Debt Service Coverage Compliance
3-13	Comparison of Monthly Residential Stormwater Rates
<b>Appendix No.</b>	
<u>Description</u>	
1	Water and Wastewater System Financial Dashboards and Performance Metrics
2	Solid Waste System Financial Dashboards and Performance Metrics
3	Stormwater System Financial Dashboards and Performance Metrics

# **SECTION 1**

## **WATER AND WASTEWATER SYSTEMS**

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**RAFTELIS**



# SECTION 1 – WATER AND WASTEWATER SYSTEMS

## Customer Growth and Revenues

Projected revenues from rates for the water and wastewater system were based on the schedule of water, wastewater, and reclaimed water rates and charges effective October 1, 2021. In order to calculate projected revenues from existing rates for the Forecast Period, the existing Fiscal Year 2022 rates were applied to projected billing statistics. Based on discussions with City staff, baseline average annual growth in customers of approximately one percent (1-1.2%), beginning with 250 additional accounts per year and tapering down to 75 accounts per year by the end of the Forecast Period. Based on customer billing information provided by the City for Fiscal Year 2021, the forecast assumes future customer usage at these levels, as shown in Tables 1-1 through 1-6. Based on these assumptions, system revenues at existing rates are estimated to increase from approximately \$13.1 million to \$13.8 million per year over the Forecast Period. Other operating revenues such as tap-on fees, services charges, and penalties are projected, on average, to be approximately \$600,000 per year and interest earnings on unrestricted fund balances are estimated to average approximately \$33,000 per year, over the Forecast Period.

## Operating and Maintenance Expenses

The Fiscal Year 2022 operating budget served as the basis for the operating expense projections for the remainder of the Forecast Period. Certain adjustments were made to the Fiscal Year 2022 operating budget to exclude depreciation, principal and interest payments on debt, capital expenditures, and additions to reserves, which were accounted for separately in our analysis; or in the case of depreciation, excluded as a non-cash expense. The adjusted amounts were then allocated between the water and wastewater systems, as shown in Tables 1-7 through 1-11. These adjustments resulted in the Fiscal Year 2022 operating budget of \$35.5 million being adjusted down to approximately \$8.2 million to identify cash operating expenses, as shown in Table 1-7. A bad debt allowance of 0.25% of rate revenues was recognized in each fiscal year. The allowance represents an average of approximately \$36,000 annually. Additionally, an allowance for operating contingencies of 1.00% of operating expenses was recognized in each fiscal year. The allowance represents an average of approximately \$95,000 annually. Operation and maintenance expenses are projected to increase over the Forecast Period by an annual average of approximately 5.3% per year above Fiscal Year 2022 operating budget levels. The overall increase in projected operating expenses was based upon assumptions corresponding several cost escalation factors and the nature of the expense as shown on Table 1-12. A few of the major cost escalation factors are shown below:

1. Labor – 5.00% Increase per Year
2. Health Insurance – 10.0% Increase per Year
3. Consumer Price Index (CPI) – 7.00% in Fiscal Year 2023, 5.00% in Fiscal Year 2024, 2.30% in Fiscal Year 2025, and 2.40% per year for the remainder of the Forecast Period
4. Electricity – 7.00% in Fiscal Year 2023, and 3.00% per year for the remainder of the Forecast Period
5. Fuel – 15.00% in Fiscal Year 2023, 10.00% in Fiscal Year 2024, and 7.00% per year for the remainder of the Forecast Period

## Capital Improvement Plan

The Capital Improvement Program (“CIP”) relied upon in this analysis was based on the Fiscal Year 2022 - 2027 CIP, as provided by City. The City’s project cost estimates were based on current year dollars and therefore the projected amounts were escalated by the historical average of the Engineering News-Record (“ENR”) index, which has been approximately 3.0% per year, to account for estimated construction cost inflation over the Forecast Period. The CIP includes approximately \$45.5 million in improvements, renewals and replacements, and regulatory related investments. The financial forecast assumes that the anticipated CIP will be fully funded through a combination of rate revenues, cash reserves, assessments, and proposed debt as shown on Table 1-13.

## Existing and Proposed Debt

Based on the debt service schedules for the outstanding bonds, SRF Loans, revenue notes, and proposed senior and subordinate lien debt, the annual debt service payments to be funded from rates is approximately \$1.7 million per year, increasing to \$2.7 million by 2026, and then decreasing to \$1.8 million in 2027. Payments for the proposed senior lien debt, which represent a 50% allocation of the debt service proposed for the public works building project, are projected to begin in Fiscal Year 2025 and will be approximately \$814,000 annually. Payments for the proposed subordinate lien debts that will finance water and wastewater plant upgrades, reclaimed line extensions, and lift station rehabilitations are projected to begin in Fiscal Year 2026 and will be approximately \$199,000, increasing to approximately \$398,000 by 2027. Existing and proposed debt service payments are summarized on Table 1-14.

## Transfers

In order to fund ongoing renewal and replacement capital needs anticipated by the City, an annual transfer to the renewal and replacement fund from rate revenues is recommended. The transfer starts at 13.5% of the prior year’s revenues and increases gradually to 15.0%, by the end of the Forecast Period. The amounts funded each year start at \$1.9 million in 2022 and increase to \$2.4 million by 2027 and are shown in Table 1-15. Additionally, the City transfers 5.9% of the prior year’s water and wastewater gross revenues to the General Fund in the form of a Payment in-Lieu-of Franchise Fee (“PILOFF”). These amounts are funded each year of the Forecast Period and average approximately \$842,000 annually (starting at \$734,000 in 2022 and increasing to \$925,000 by 2027), as shown in Table 1-17.

## Cash Balances

In Fiscal Year 2011, the City adopted Resolution No. 2011-R-20, which established a fund balance policy applying to all General Fund balances (the “Charter Reserve”). Subsequently in Fiscal Year 2016, the City adopted Resolution No. 2016-R-40, which extended the Charter Reserve policy to all operating funds including the water, wastewater, stormwater and solid waste enterprise funds. The adopted fund balance policy establishes a reserve balance target equal to 15% of the current fiscal year operating expenditures, excluding general fund transfers, with a maximum of 25%. If the reserve balance amount falls below targeted levels the City must begin a plan to achieve the minimum balance of 15% within five (5) years. The City has currently fulfilled this requirement. Due to the nature of operating expenditures changing between Fiscal Years, a deposit of approximately \$71,000 per year is projected and funded in the rate plan to continue to maintain this reserve requirement. Additionally, the City targets an operating fund ending cash balance of 90 days of rate revenue. The Operating Fund is projected to remain above the 90-day level throughout the Forecast Period. Lastly, based on the City’s loan agreements the City must target a balance of five percent (5%)

of system fixed assets in the Renewal and Replacement Fund for unforeseen contingencies and capital needs. While this target is projected to be met during nearly every year of the forecast period an annual deposit into the fund is projected (as described in the section on Transfers found above). All projected year end cash balances are summarized on Table 1-18 at the end of this section.

## Conclusions and Recommendations

Based on the projected operating expenditure needs of the water and wastewater system and the projected funding plan for the CIP, it is estimated that the existing rates will not be sufficient to cover operations, as shown on Tables 1-19 through 1-22. The projected operating results set forth herein assume the implementation of the following proposed rate adjustments. Below is a summary of the proposed rate adjustments, along with certain projected financial operating results.

### Summary of Projected Rate Adjustments and Key Operating Results

Description	Fiscal Year Ending September 30,					
	2022	2023	2024	2025	2026	2027
Adopted/Previously Recommended Rate Adjustments	6.00%	4.00%	3.00%	3.00%	3.00%	N/A
Proposed Water and Wastewater Rate Adjustments	N/A[1]	0.00%	3.50%	3.50%	3.50%	3.50%
System Revenue Surplus/(Deficiency) [2]	\$796,697	(\$464,613)	\$27,689	(\$872,425)	(\$1,129,258)	\$48,248
Operating Fund (Ending Balance) [3]	\$7,411,780	\$6,148,917	\$6,118,257	\$5,033,928	\$3,904,670	\$3,952,919
Days of Cash (Target of 45-90 Days of Rate Revenue) [3]	206	168	160	126	94	92
Renewal and Replacement Fund (Ending Balance) [3]	\$4,992,075	\$3,961,103	\$3,660,733	\$3,286,518	\$2,805,361	\$2,326,309
Charter Reserve Fund (Ending Balance)	\$1,703,379	\$1,774,615	\$1,845,851	\$1,917,086	\$1,988,322	\$2,059,558
Impact Fee Funds (Ending Balance)	\$1,733,542	\$2,405,729	\$2,887,401	\$1,454,885	\$1,645,886	\$1,837,364
Senior Lien Debt Service Coverage (Test 1.00)	1.37	1.29	1.28	1.18	1.17	1.25
Subordinate Lien Debt Service Coverage (Test 1.15)	5.22	4.62	4.70	2.72	2.76	6.93
All-In Debt Service Coverage (Target 1.50)	3.24	2.89	2.95	2.05	1.93	3.10

[1] Rates were adjusted at the beginning of Fiscal Year 2022 by 6.0% for the water and wastewater systems.

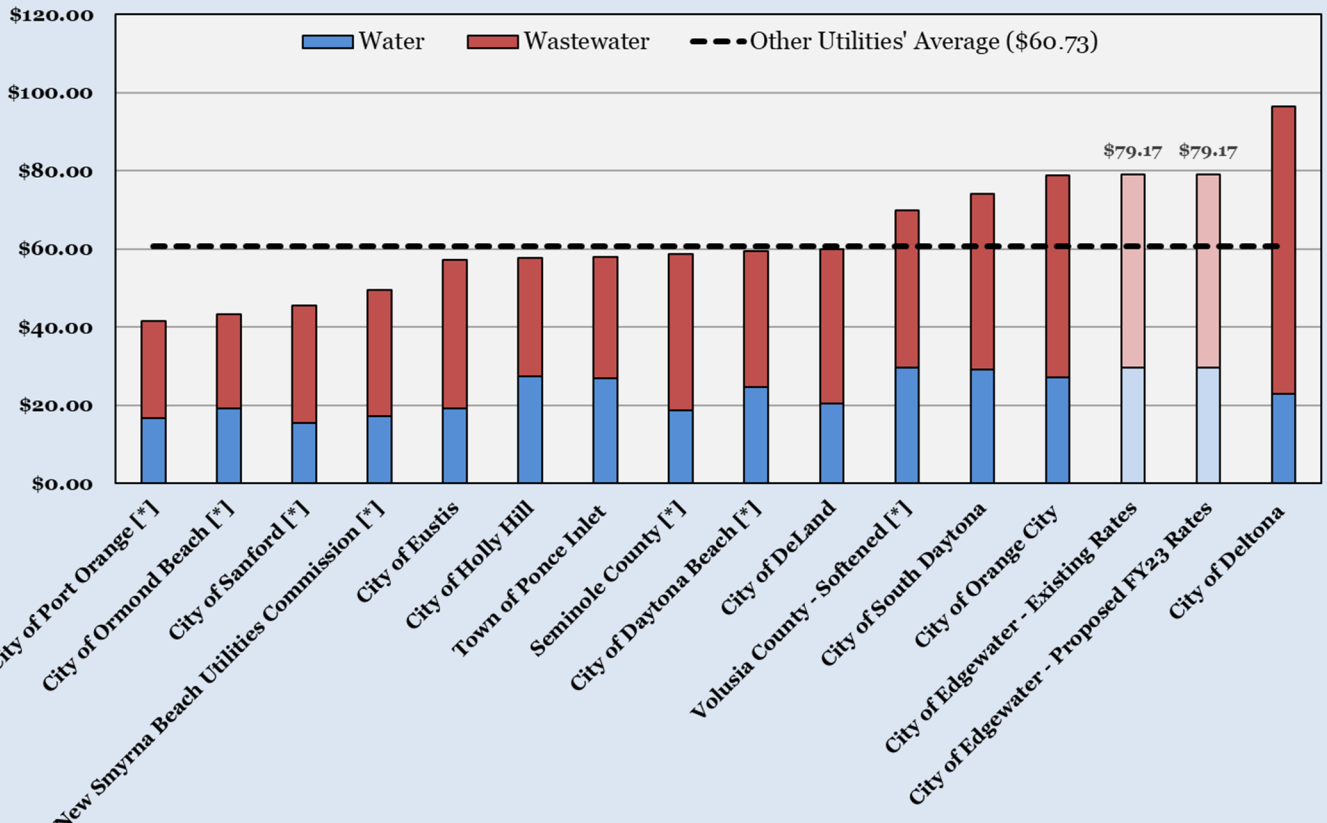
[2] As shown in Table 1-21.

[3] As shown in Table 1-18.

## Rate Comparison

As shown below for an average bill based on 3,000 gallons of water use and on Tables 1-23 through 1-25 for a range of usage levels, bills under the proposed Fiscal Year 2023 water and wastewater rates are above average when compared to the surveyed, neighboring utilities' average.

## Average Monthly Residential Combined Water and Wastewater Bill at Usage of 3,000 Gallons



[\*] Utilities shown: i) are involved in rate study; ii) are planning to conduct rate study; or iii) will implement rate revision or price index / pass-through adjustment within twelve months following the comparison preparation date .

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**Table 1-4  
City of Edgewater, Florida  
Water and Wastewater Utility Rate Study**

**Summary of Projected Water Rate Revenues Under Existing Rates**

Line No.	Description	Historical Fiscal Year Ended September 30,					Projected Fiscal Year Ending September 30,					
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
<b>INSIDE THE CITY</b>												
<u><b>Residential Single Family</b></u>												
1	Base Charge Revenue	\$1,256,190	\$1,330,321	\$1,457,858	\$1,599,077	\$1,725,955	\$1,876,976	\$1,914,536	\$1,942,706	\$1,961,486	\$1,975,571	\$1,989,656
2	Usage Charge Revenue	1,712,696	1,670,382	1,800,980	1,939,939	2,045,597	2,224,786	2,269,288	2,302,664	2,324,915	2,341,603	2,358,291
3	Total Residential Single Family	\$2,968,886	\$3,000,704	\$3,258,838	\$3,539,016	\$3,771,552	\$4,101,762	\$4,183,824	\$4,245,370	\$4,286,401	\$4,317,174	\$4,347,947
<u><b>Residential Multi Family</b></u>												
4	Base Charge Revenue	\$61,667	\$64,701	\$70,320	\$78,779	\$83,410	\$88,438	\$88,438	\$88,438	\$88,438	\$88,438	\$88,438
5	Usage Charge Revenue	38,210	42,976	73,677	56,955	66,271	70,283	70,283	70,283	70,283	70,283	70,283
6	Total Residential Multi Family	\$99,876	\$107,677	\$143,997	\$135,733	\$149,681	\$158,721	\$158,721	\$158,721	\$158,721	\$158,721	\$158,721
<u><b>Commercial</b></u>												
7	Base Charge Revenue	\$134,662	\$145,767	\$165,257	\$179,383	\$194,503	\$207,137	\$208,076	\$209,015	\$209,954	\$210,893	\$211,832
8	Usage Charge Revenue	300,750	292,068	374,911	318,076	293,301	312,691	314,438	316,185	317,931	319,678	321,425
9	Total Commercial	\$435,411	\$437,836	\$540,167	\$497,459	\$487,804	\$519,828	\$522,513	\$525,199	\$527,885	\$530,571	\$533,256
<b>Total Inside the City Water Revenues</b>												
10	Base Charge Revenue	\$1,452,518	\$1,540,789	\$1,693,434	\$1,857,238	\$2,003,868	\$2,172,551	\$2,211,050	\$2,240,159	\$2,259,878	\$2,274,902	\$2,289,926
11	Usage Charge Revenue	2,051,655	2,005,427	2,249,568	2,314,969	2,405,169	2,607,760	2,654,009	2,689,132	2,713,129	2,731,564	2,749,999
12	Total Inside the City Water Revenues	\$3,504,173	\$3,546,216	\$3,943,003	\$4,172,208	\$4,409,037	\$4,780,311	\$4,865,058	\$4,929,290	\$4,973,007	\$5,006,466	\$5,039,925
<b>OUTSIDE THE CITY</b>												
<u><b>Residential Single Family</b></u>												
13	Base Charge Revenue	\$123,076	\$131,630	\$143,539	\$157,299	\$206,668	\$219,102	\$219,102	\$219,102	\$219,102	\$219,102	\$219,102
14	Usage Charge Revenue	169,073	171,404	249,865	197,214	257,644	273,171	273,171	273,171	273,171	273,171	273,171
15	Total Residential Single Family	\$292,148	\$303,034	\$393,404	\$354,513	\$464,312	\$492,273	\$492,273	\$492,273	\$492,273	\$492,273	\$492,273
<u><b>Commercial</b></u>												
16	Base Charge Revenue	\$1,291	\$932	\$1,070	\$1,254	\$1,734	\$1,839	\$1,839	\$1,839	\$1,839	\$1,839	\$1,839
17	Usage Charge Revenue	3,418	2,478	3,370	2,992	4,719	5,003	5,003	5,003	5,003	5,003	5,003
18	Total Commercial	\$4,709	\$3,410	\$4,440	\$4,246	\$6,453	\$6,841	\$6,841	\$6,841	\$6,841	\$6,841	\$6,841
<u><b>Volusia County</b></u>												
19	Base Charge Revenue	\$333	\$333	\$333	\$333	\$333	\$333	\$333	\$333	\$333	\$333	\$333
20	Usage Charge Revenue	649,236	569,961	683,303	715,794	701,374	701,374	701,374	701,374	701,374	701,374	701,374
21	Total Volusia County	\$649,568	\$570,294	\$683,635	\$716,127	\$701,707	\$701,707	\$701,707	\$701,707	\$701,707	\$701,707	\$701,707
<b>Total Outside the City Water Revenues</b>												
22	Base Charge Revenue	\$124,699	\$132,895	\$144,942	\$158,886	\$208,735	\$221,273	\$221,273	\$221,273	\$221,273	\$221,273	\$221,273
23	Usage Charge Revenue	821,726	743,843	936,538	916,000	963,737	979,548	979,548	979,548	979,548	979,548	979,548
24	Total Outside the City Water Revenues	\$946,425	\$876,738	\$1,081,480	\$1,074,886	\$1,172,472	\$1,200,821	\$1,200,821	\$1,200,821	\$1,200,821	\$1,200,821	\$1,200,821
<b>Total Retail Water Revenues</b>												
25	Base Charge Revenue	\$1,577,218	\$1,673,684	\$1,838,376	\$2,016,124	\$2,212,603	\$2,393,824	\$2,432,323	\$2,461,432	\$2,481,151	\$2,496,175	\$2,511,199
26	Usage Charge Revenue	2,873,381	2,749,270	3,186,106	3,230,969	3,368,906	3,587,308	3,633,556	3,668,679	3,692,677	3,711,112	3,729,547
27	Revenue Adjustment = -2.00%	(289,289)	(132,689)	(149,881)	(157,413)	(111,630)	(119,623)	(121,318)	(122,602)	(123,477)	(124,146)	(124,815)
28	Total Retail Water Revenues	\$4,161,310	\$4,290,265	\$4,874,601	\$5,089,680	\$5,469,879	\$5,861,509	\$5,944,562	\$6,007,509	\$6,050,351	\$6,083,141	\$6,115,931
29	Total Rate Revenues	\$4,161,310	\$4,290,265	\$4,874,601	\$5,089,680	\$5,469,879	\$5,861,509	\$5,944,562	\$6,007,509	\$6,050,351	\$6,083,141	\$6,115,931



**Table I-5**  
**City of Edgewater, Florida**  
**Water and Wastwater Utility Rate Study**

**Summary of Projected Wastewater Rate Revenues Under Existing Rates**

Line No.	Description	Historical Fiscal Year Ended September 30,					Projected Fiscal Year Ending September 30,					
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
<b>INSIDE THE CITY</b>												
<b><u>Residential Single Family</u></b>												
1	Base Charge Revenue	\$1,742,795	\$1,899,220	\$2,076,676	\$2,272,884	\$2,440,708	\$2,654,697	\$2,709,153	\$2,749,995	\$2,777,223	\$2,797,644	\$2,818,065
2	Usage Charge Revenue	2,334,575	2,420,078	2,539,193	2,828,762	2,972,838	3,235,652	3,302,022	3,351,799	3,384,984	3,409,873	3,434,761
3	<b>Total Residential Single Family</b>	<b>\$4,077,370</b>	<b>\$4,319,298</b>	<b>\$4,615,869</b>	<b>\$5,101,646</b>	<b>\$5,413,547</b>	<b>\$5,890,349</b>	<b>\$6,011,175</b>	<b>\$6,101,794</b>	<b>\$6,162,207</b>	<b>\$6,207,517</b>	<b>\$6,252,826</b>
<b><u>Residential Multi Family</u></b>												
4	Base Charge Revenue	\$83,903	\$96,887	\$105,619	\$112,245	\$118,829	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928	\$125,928
5	Usage Charge Revenue	105,844	128,499	130,769	124,169	137,143	145,440	145,440	145,440	145,440	145,440	145,440
6	<b>Total Residential Multi Family</b>	<b>\$189,747</b>	<b>\$225,386</b>	<b>\$236,387</b>	<b>\$236,414</b>	<b>\$255,972</b>	<b>\$271,368</b>	<b>\$271,368</b>	<b>\$271,368</b>	<b>\$271,368</b>	<b>\$271,368</b>	<b>\$271,368</b>
<b><u>Commercial</u></b>												
7	Base Charge Revenue	\$76,797	\$179,289	\$198,008	\$224,566	\$243,622	\$259,580	\$260,942	\$262,303	\$263,665	\$265,026	\$266,387
8	Usage Charge Revenue	238,537	263,984	287,945	293,741	278,379	297,112	298,899	300,687	302,474	304,261	306,048
9	<b>Total Commercial</b>	<b>\$315,334</b>	<b>\$443,273</b>	<b>\$485,953</b>	<b>\$518,307</b>	<b>\$522,000</b>	<b>\$556,693</b>	<b>\$559,841</b>	<b>\$562,990</b>	<b>\$566,138</b>	<b>\$569,287</b>	<b>\$572,435</b>
<b>Total Inside the City Wastewater Revenues</b>												
10	Base Charge Revenue	\$1,903,494	\$2,175,396	\$2,380,302	\$2,609,695	\$2,803,159	\$3,040,205	\$3,096,022	\$3,138,226	\$3,166,815	\$3,188,597	\$3,210,380
11	Usage Charge Revenue	2,678,956	2,812,562	2,957,907	3,246,672	3,388,360	3,678,205	3,746,362	3,797,926	3,832,898	3,859,574	3,886,250
12	<b>Total Inside the City Wastewater Revenues</b>	<b>\$4,582,450</b>	<b>\$4,987,957</b>	<b>\$5,338,209</b>	<b>\$5,856,367</b>	<b>\$6,191,520</b>	<b>\$6,718,410</b>	<b>\$6,842,384</b>	<b>\$6,936,152</b>	<b>\$6,999,713</b>	<b>\$7,048,171</b>	<b>\$7,096,630</b>
<b>OUTSIDE THE CITY</b>												
<b><u>Residential Single Family</u></b>												
13	Base Charge Revenue	\$70,949	\$76,806	\$83,469	\$92,908	\$112,537	\$119,311	\$119,311	\$119,311	\$119,311	\$119,311	\$119,311
14	Usage Charge Revenue	63,823	67,141	70,785	83,229	99,894	105,887	105,887	105,887	105,887	105,887	105,887
15	<b>Total Residential Single Family</b>	<b>\$134,772</b>	<b>\$143,947</b>	<b>\$154,253</b>	<b>\$176,137</b>	<b>\$212,431</b>	<b>\$225,197</b>	<b>\$225,197</b>	<b>\$225,197</b>	<b>\$225,197</b>	<b>\$225,197</b>	<b>\$225,197</b>
<b><u>Commercial</u></b>												
16	Base Charge Revenue	\$221	\$0	\$834	\$1,085	\$1,284	\$1,361	\$1,361	\$1,361	\$1,361	\$1,361	\$1,361
17	Usage Charge Revenue	451	0	492	1,454	3,433	3,638	3,638	3,638	3,638	3,638	3,638
18	<b>Total Commercial</b>	<b>\$672</b>	<b>\$0</b>	<b>\$1,325</b>	<b>\$2,539</b>	<b>\$4,717</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>	<b>\$5,000</b>
<b>Total Outside the City Water Revenues</b>												
19	Base Charge Revenue	\$71,170	\$76,806	\$84,302	\$93,994	\$113,821	\$120,672	\$120,672	\$120,672	\$120,672	\$120,672	\$120,672
20	Usage Charge Revenue	64,275	67,141	71,276	84,682	103,327	109,525	109,525	109,525	109,525	109,525	109,525
21	<b>Total Total Outside the City Water Revenues</b>	<b>\$135,444</b>	<b>\$143,947</b>	<b>\$155,579</b>	<b>\$178,676</b>	<b>\$217,148</b>	<b>\$230,197</b>	<b>\$230,197</b>	<b>\$230,197</b>	<b>\$230,197</b>	<b>\$230,197</b>	<b>\$230,197</b>
<b>Total Wastewater Revenues</b>												
22	Base Charge Revenue	1,974,664	2,252,202	2,464,605	2,703,689	2,916,980	3,160,877	3,216,694	3,258,897	3,287,487	3,309,269	3,331,052
23	Usage Charge Revenue	2,743,230	2,879,703	3,029,183	3,331,354	3,491,687	3,787,729	3,855,886	3,907,451	3,942,423	3,969,099	3,995,775
24	Revenue Adjustment - -1.00%	0	0	0	0	(64,087)	(69,486)	(70,726)	(71,663)	(72,299)	(72,784)	(73,268)
25	<b>Total Wastewater Revenues</b>	<b>\$4,717,895</b>	<b>\$5,131,904</b>	<b>\$5,493,788</b>	<b>\$6,035,042</b>	<b>\$6,344,581</b>	<b>\$6,879,120</b>	<b>\$7,001,855</b>	<b>\$7,094,685</b>	<b>\$7,157,611</b>	<b>\$7,205,584</b>	<b>\$7,253,558</b>
26	<b>Total Rate Revenues</b>	<b>\$4,717,895</b>	<b>\$5,131,904</b>	<b>\$5,493,788</b>	<b>\$6,035,042</b>	<b>\$6,344,581</b>	<b>\$6,879,120</b>	<b>\$7,001,855</b>	<b>\$7,094,685</b>	<b>\$7,157,611</b>	<b>\$7,205,584</b>	<b>\$7,253,558</b>

**Table I-6  
City of Edgewater, Florida  
Water and Wastwater Utility Rate Study**

**Summary of Historical and Projected Reclaimed Water Rate Revenues**

Line No.	Description	Historical Fiscal Year Ended September 30,					Projected Fiscal Year Ending September 30,					
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
<b>INSIDE THE CITY</b>												
<b><u>Residential Single Family</u></b>												
1	Base Charge Revenue	\$346,115	\$342,319	\$346,902	\$351,108	\$355,870	\$363,850	\$370,120	\$374,680	\$378,100	\$380,380	\$382,660
2	Usage Charge Revenue	24,784	14,237	0	0	0	0	0	0	0	0	0
3	<b>Total Residential Single Family</b>	<b>\$370,900</b>	<b>\$356,556</b>	<b>\$346,902</b>	<b>\$351,108</b>	<b>\$355,870</b>	<b>\$363,850</b>	<b>\$370,120</b>	<b>\$374,680</b>	<b>\$378,100</b>	<b>\$380,380</b>	<b>\$382,660</b>
<b><u>Residential Multi Family</u></b>												
4	Base Charge Revenue	\$228	\$217	\$217	\$228	\$228	\$228	\$228	\$228	\$228	\$228	\$228
5	Usage Charge Revenue	2	0	0	0	0	0	0	0	0	0	0
6	<b>Total Residential Multi Family</b>	<b>\$230</b>	<b>\$217</b>	<b>\$217</b>	<b>\$228</b>	<b>\$228</b>	<b>\$228</b>	<b>\$228</b>	<b>\$228</b>	<b>\$228</b>	<b>\$228</b>	<b>\$228</b>
<b><u>Commercial</u></b>												
7	Base Charge Revenue	\$4,902	\$5,130	\$6,042	\$6,270	\$5,871	\$5,871	\$5,871	\$5,871	\$5,871	\$5,871	\$5,871
8	Usage Charge Revenue	0	0	0	0	0	0	0	0	0	0	0
8	Additional Acreage Charges	2,060	3,404	3,648	3,648	3,648	3,648	3,648	3,648	3,648	3,648	3,648
9	<b>Total Commercial</b>	<b>\$6,962</b>	<b>\$8,534</b>	<b>\$9,690</b>	<b>\$9,918</b>	<b>\$9,519</b>	<b>\$9,519</b>	<b>\$9,519</b>	<b>\$9,519</b>	<b>\$9,519</b>	<b>\$9,519</b>	<b>\$9,519</b>
<b>Total Inside the City Reclaimed Water Revenues</b>												
10	Base Charge Revenue	\$351,245	\$347,666	\$353,161	\$357,606	\$361,969	\$369,949	\$376,219	\$380,779	\$384,199	\$386,479	\$388,759
11	Usage Charge Revenue	24,786	14,237	0	0	0	0	0	0	0	0	0
12	Additional Acreage Charges	2,060	3,404	3,648	3,648	3,648	3,648	3,648	3,648	3,648	3,648	3,648
13	<b>Total Total Inside the City Reclaimed Water Revenue</b>	<b>\$378,092</b>	<b>\$365,307</b>	<b>\$356,809</b>	<b>\$361,254</b>	<b>\$365,617</b>	<b>\$373,597</b>	<b>\$379,867</b>	<b>\$384,427</b>	<b>\$387,847</b>	<b>\$390,127</b>	<b>\$392,407</b>
<b>OUTSIDE THE CITY</b>												
<b><u>Residential Single Family</u></b>												
14	Base Charge Revenue	\$114	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Usage Charge Revenue	0	0	0	0	0	0	0	0	0	0	0
16	<b>Total Residential Single Family</b>	<b>\$114</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total Outside the City Water Revenues</b>												
17	Base Charge Revenue	\$114	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	Usage Charge Revenue	0	0	0	0	0	0	0	0	0	0	0
19	Additional Acreage Charges	0	0	0	0	0	0	0	0	0	0	0
20	<b>Total Total Outside the City Water Revenues</b>	<b>\$114</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Total Reclaimed Water Revenues</b>												
21	Base Charge Revenue	\$351,359	\$347,666	\$353,161	\$357,606	\$361,969	\$369,949	\$376,219	\$380,779	\$384,199	\$386,479	\$388,759
22	Usage Charge Revenue	24,786	14,237	0	0	0	0	0	0	0	0	0
23	Additional Acreage Charges	2,060	3,404	3,648	3,648	3,648	3,648	3,648	3,648	3,648	3,648	3,648
24	Revenue Adjustment - 0.00%	(5,642)	0	0	0	0	0	0	0	0	0	0
25	<b>Total Total Reclaimed Water Revenues</b>	<b>\$372,564</b>	<b>\$365,307</b>	<b>\$356,809</b>	<b>\$361,254</b>	<b>\$365,617</b>	<b>\$373,597</b>	<b>\$379,867</b>	<b>\$384,427</b>	<b>\$387,847</b>	<b>\$390,127</b>	<b>\$392,407</b>
26	<b>Total Rate Revenues</b>	<b>\$372,564</b>	<b>\$365,307</b>	<b>\$356,809</b>	<b>\$361,254</b>	<b>\$365,617</b>	<b>\$373,597</b>	<b>\$379,867</b>	<b>\$384,427</b>	<b>\$387,847</b>	<b>\$390,127</b>	<b>\$392,407</b>

**Table 1-7**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Allocation of Fiscal Year 2022 Operating Budget [1]**

Line No.	Cost Center Code	Description	Budget		Adjusted 2022	Allocation Factor	Allocation Percentages		Allocated Amounts	
			2022	Adjustments			Water	Wastewater	Water	Wastewater
<b>440-4010-539 Administration Department</b>										
1	440-4010-539.12-10	Regular Salaries	\$323,659	\$0	\$323,659	Adm Salary	43.35%	56.65%	\$140,303	\$183,356
2	AddPerAdmin	Additional Personnel	0	0	0	Input	0.00%	0.00%	0	0
3	440-4010-539.14-10	Overtime	42	0	42	Adm Salary	43.35%	56.65%	18	24
4	440-4010-539.15-30	Cell Phone	2,200	0	2,200	Adm Salary	43.35%	56.65%	954	1,246
5	440-4010-539.15-60	Boot Allowance	150	0	150	Adm Salary	43.35%	56.65%	65	85
6	440-4010-539.21-10	FICA Taxes	18,481	0	18,481	Adm Salary	43.35%	56.65%	8,011	10,470
7	440-4010-539.21-20	Medicare	4,322	0	4,322	Adm Salary	43.35%	56.65%	1,874	2,448
8	440-4010-539.22-10	Retirement Contributions	0	0	0	Adm Salary	43.35%	56.65%	0	0
9	440-4010-539.22-20	DCSE	36,068	0	36,068	Adm Salary	43.35%	56.65%	15,635	20,433
10	440-4010-539.23-10	Life Insurance	1,378	0	1,378	Adm Salary	43.35%	56.65%	597	781
11	440-4010-539.23-20	Group Medical Insurance	69,409	0	69,409	Adm Salary	43.35%	56.65%	30,088	39,321
12	440-4010-539.23-21	HSA Employer Contribution	2,758	0	2,758	Adm Salary	43.35%	56.65%	1,196	1,562
13	440-4010-539.23-22	HRA Employer Contribution	1,000	0	1,000	Adm Salary	43.35%	56.65%	433	567
14	440-4010-539.23-30	Dental Insurance	2,597	0	2,597	Adm Salary	43.35%	56.65%	1,126	1,471
15	440-4010-539.23-40	Long Term Disability	2,467	0	2,467	Adm Salary	43.35%	56.65%	1,069	1,398
16	440-4010-539.23-60	Broker & Admin. Fees	1,884	0	1,884	Adm Salary	43.35%	56.65%	817	1,067
17	440-4010-539.23-90	OPEB Expense	0	0	0	Adm Salary	43.35%	56.65%	0	0
18	440-4010-539.24-10	Worker's Compensation	481	0	481	Adm Salary	43.35%	56.65%	209	272
19		Subtotal Personnel Expenses	\$466,896	\$0	\$466,896		43.35%	56.65%	\$202,395	\$264,501
<b>Operating Expenses</b>										
20	440-4010-539.31-10	Professional Services	\$50,000	\$0	\$50,000	Adm Salary	43.35%	56.65%	\$21,675	\$28,325
20	440-4010-539.34-10	Other Contractual Service	4,224	0	4,224	Adm Salary	43.35%	56.65%	1,831	2,393
21	440-4010-539.40-10	Travel & Per Diem	4,100	0	4,100	Adm Salary	43.35%	56.65%	1,777	2,323
22	440-4010-539.41-10	Telephone / Cellular	433	0	433	Adm Salary	43.35%	56.65%	188	245
23	440-4010-539.41-20	Internet / VOIP / Network	3,750	0	3,750	Adm Salary	43.35%	56.65%	1,626	2,124
24	440-4010-539.41-40	Postage	0	0	0	Adm Salary	43.35%	56.65%	0	0
25	440-4010-539.43-10	Electric	1,852	0	1,852	Adm Salary	43.35%	56.65%	803	1,049
26	440-4010-539.46-10	Repair & Maintenance	2,250	0	2,250	Adm Salary	43.35%	56.65%	975	1,275
27	440-4010-539.46-20	Fleet Charges	1,322	0	1,322	Adm Salary	43.35%	56.65%	573	749
28	440-4010-539.47-20	Copier	5,900	0	5,900	Adm Salary	43.35%	56.65%	2,558	3,342
29	440-4010-539.49-01	Cost Allocation [2]	707,592	0	707,592	Adm Salary	43.35%	56.65%	306,734	400,858
30	440-4010-539.49-10	Other Charges/Obligations	200	0	200	Adm Salary	43.35%	56.65%	87	113
31	440-4010-539.49-40	PILOFF Water & Sewer [3]	352,481	(352,481)	0	Adm Salary	43.35%	56.65%	0	0
32	440-4010-539.51-10	Office Supplies	1,500	0	1,500	Adm Salary	43.35%	56.65%	650	850
33	440-4010-539.52-10	Operating Supplies	3,500	0	3,500	Adm Salary	43.35%	56.65%	1,517	1,983
34	440-4010-539.52-20	Unleaded & Diesel	811	0	811	Adm Salary	43.35%	56.65%	352	459
35	440-4010-539.52-30	Uniforms	1,300	0	1,300	Adm Salary	43.35%	56.65%	564	736
36	440-4010-539.54-10	Books, Pubs, Subs, & Mem	8,767	0	8,767	Adm Salary	43.35%	56.65%	3,800	4,967
37	440-4010-539.54-20	Educational Development	3,950	0	3,950	Adm Salary	43.35%	56.65%	1,712	2,238
38		Subtotal Operating Expenses	\$1,153,932	(\$352,481)	\$801,451		43.35%	56.65%	\$347,421	\$454,030
39		Total Administration Department	\$1,620,828	(\$352,481)	\$1,268,347		43.35%	56.65%	\$549,816	\$718,531
<b>440-4030-533 Water Department</b>										
40	440-4030-533.12-10	Regular Salaries	\$574,059	\$0	\$574,059	Direct-W	100.00%	0.00%	\$574,059	\$0
41	AddPerWater	Additional Personnel	0	0	0	Input	0.00%	0.00%	0	0
42	440-4030-533.12-20	DC ICMA	14,999	0	14,999	Direct-W	100.00%	0.00%	14,999	0
43	440-4030-533.14-10	Overtime / Other Salaries	81,557	0	81,557	Direct-W	100.00%	0.00%	81,557	0
44	440-4030-533.15-30	Cell Phone	1,100	0	1,100	Direct-W	100.00%	0.00%	1,100	0
45	440-4030-533.15-60	Boot Allowance	1,500	0	1,500	Direct-W	100.00%	0.00%	1,500	0
46	440-4030-533.21-10	FICA Taxes	32,385	0	32,385	Direct-W	100.00%	0.00%	32,385	0
47	440-4030-533.21-20	Medicare	7,574	0	7,574	Direct-W	100.00%	0.00%	7,574	0
48	440-4030-533.22-10	Retirement Contributions	0	0	0	Direct-W	100.00%	0.00%	0	0
49	440-4030-533.22-20	DCSE	45,043	0	45,043	Direct-W	100.00%	0.00%	45,043	0
50	440-4030-533.23-10	Life Insurance	2,301	0	2,301	Direct-W	100.00%	0.00%	2,301	0
51	440-4030-533.23-20	Group Medical Insurance	124,438	0	124,438	Direct-W	100.00%	0.00%	124,438	0
52	440-4030-533.23-21	HSA Employer Contribution	11,113	0	11,113	Direct-W	100.00%	0.00%	11,113	0
53	440-4030-533.23-22	HRA Employer Contribution	750	0	750	Direct-W	100.00%	0.00%	750	0
54	440-4030-533.23-30	Dental Insurance	3,063	0	3,063	Direct-W	100.00%	0.00%	3,063	0
55	440-4030-533.23-40	Long Term Disability	4,118	0	4,118	Direct-W	100.00%	0.00%	4,118	0
56	440-4030-533.23-60	Broker & Admin. Fees	3,531	0	3,531	Direct-W	100.00%	0.00%	3,531	0
57	440-4030-533.23-90	OPEB Expense	0	0	0	Direct-W	100.00%	0.00%	0	0
58	440-4030-533.24-10	Worker's Compensation	16,070	0	16,070	Direct-W	100.00%	0.00%	16,070	0
59		Subtotal Personnel Expenses	\$923,601	\$0	\$923,601		100.00%	0.00%	\$923,601	\$0
<b>Operating Expenses</b>										
60	440-4030-533.31-10	Professional Services	\$4,925	\$0	\$4,925	Direct-W	100.00%	0.00%	\$4,925	\$0
61	440-4030-533.34-10	Other Contractual Service	119,485	0	119,485	Direct-W	100.00%	0.00%	119,485	0
62	440-4030-533.35-20	Uniform Reimbursement	0	0	0	Direct-W	100.00%	0.00%	0	0
63	440-4030-533.40-10	Travel & Per Diem	1,000	0	1,000	Direct-W	100.00%	0.00%	1,000	0
64	440-4030-533.41-10	Telephone	230	0	230	Direct-W	100.00%	0.00%	230	0
65	440-4030-533.41-11	Cell Phone	0	0	0	Direct-W	100.00%	0.00%	0	0
66	440-4030-533.41-15	Cellular	491	0	491	Direct-W	100.00%	0.00%	491	0
67	440-4030-533.41-20	Internet / VOIP / Network	5,000	0	5,000	Direct-W	100.00%	0.00%	5,000	0
68	440-4030-533.41-30	Legal Ads	800	0	800	Direct-W	100.00%	0.00%	800	0
69	440-4030-533.41-40	Postage	13,000	0	13,000	Direct-W	100.00%	0.00%	13,000	0
70	440-4030-533.43-10	Electric	131,324	0	131,324	Direct-W	100.00%	0.00%	131,324	0
71	440-4030-533.44-10	Rent	1,310	0	1,310	Direct-W	100.00%	0.00%	1,310	0

**Table 1-7  
City of Edgewater, Florida  
Water and Wastewater Utility Rate Study**

**Allocation of Fiscal Year 2022 Operating Budget [1]**

Line No.	Cost Center Code	Description	Budget 2022	Adjustments	Adjusted 2022	Allocation Factor	Allocation Percentages		Allocated Amounts	
							Water	Wastewater	Water	Wastewater
72	440-4030-533.46-10	Repair & Maintenance	80,980	0	80,980	Direct-W	100.00%	0.00%	80,980	0
73	440-4030-533.46-20	Fleet Charges	5,087	0	5,087	Direct-W	100.00%	0.00%	5,087	0
74	440-4030-533.47-10	Printing & Binding	500	0	500	Direct-W	100.00%	0.00%	500	0
75	440-4030-533.47-20	Copier	1,400	0	1,400	Direct-W	100.00%	0.00%	1,400	0
76	440-4030-533.48-10	Promotional Activities	5,895	0	5,895	Direct-W	100.00%	0.00%	5,895	0
77	440-4030-533.49-01	Cost Allocation [2]	187,833	0	187,833	Direct-W	100.00%	0.00%	187,833	0
78	440-4030-533.49-10	Other Charges/Obligations	21,600	0	21,600	Direct-W	100.00%	0.00%	21,600	0
79	440-4030-533.49-40	PILOFF Water & Sewer [3]	123,806	(123,806)	0	Direct-W	100.00%	0.00%	0	0
80	440-4030-533.51-10	Office Supplies	650	0	650	Direct-W	100.00%	0.00%	650	0
81	440-4030-533.52-10	Operating Supplies	33,644	0	33,644	Direct-W	100.00%	0.00%	33,644	0
82	440-4030-533.52-20	Unleaded & Diesel	3,158	0	3,158	Direct-W	100.00%	0.00%	3,158	0
83	440-4030-533.52-25	Bulk Fuel	7,000	0	7,000	Direct-W	100.00%	0.00%	7,000	0
84	440-4030-533.52-30	Uniforms	2,175	0	2,175	Direct-W	100.00%	0.00%	2,175	0
85	440-4030-533.52-50	Chemical	501,950	0	501,950	Direct-W	100.00%	0.00%	501,950	0
86	440-4030-533.54-10	Books, Pubs, Subs, & Mem	1,470	0	1,470	Direct-W	100.00%	0.00%	1,470	0
87	440-4030-533.54-20	Educational Development	1,825	0	1,825	Direct-W	100.00%	0.00%	1,825	0
88		Subtotal Operating Expenses	\$1,256,538	(\$123,806)	\$1,132,732		100.00%	0.00%	\$1,132,732	\$0
89		Total Water Department	\$2,180,139	(\$123,806)	\$2,056,333		100.00%	0.00%	\$2,056,333	\$0
	440-4040-535	<b><u>Wastewater Department</u></b>								
90	440-4040-535.12-10	Regular Salaries	\$699,471	\$0	\$699,471	Direct-S	0.00%	100.00%	\$0	\$699,471
91	AddPerWastewater	Additional Personnel	0	0	0	Input	0.00%	0.00%	0	0
92	440-4040-535.13-10	Other Salaries	0	0	0	Direct-S	0.00%	100.00%	0	0
93	440-4040-535.14-10	Overtime	114,712	(57,356)	57,356	Direct-S	0.00%	100.00%	0	57,356
94	440-4040-535.15-30	Cell Phone	1,881	0	1,881	Direct-S	0.00%	100.00%	0	1,881
95	440-4040-535.15-40	Insurance Payback	0	0	0	Direct-S	0.00%	100.00%	0	0
96	440-4040-535.15-60	Boot Allowance	1,800	0	1,800	Direct-S	0.00%	100.00%	0	1,800
97	440-4040-535.21-10	FICA Taxes	39,324	0	39,324	Direct-S	0.00%	100.00%	0	39,324
98	440-4040-535.21-20	Medicare	9,197	0	9,197	Direct-S	0.00%	100.00%	0	9,197
99	440-4040-535.22-10	Retirement Contributions	0	0	0	Direct-S	0.00%	100.00%	0	0
100	440-4040-535.22-20	DCSE	77,171	0	77,171	Direct-S	0.00%	100.00%	0	77,171
101	440-4040-535.23-10	Life Insurance	2,964	0	2,964	Direct-S	0.00%	100.00%	0	2,964
102	440-4040-535.23-20	Group Medical Insurance	137,208	0	137,208	Direct-S	0.00%	100.00%	0	137,208
103	440-4040-535.23-21	HSA Employer Contribution	5,063	0	5,063	Direct-S	0.00%	100.00%	0	5,063
104	440-4040-535.23-22	HRA Employer Contribution	2,000	0	2,000	Direct-S	0.00%	100.00%	0	2,000
105	440-4040-535.23-30	Dental Insurance	4,482	0	4,482	Direct-S	0.00%	100.00%	0	4,482
106	440-4040-535.23-40	Long Term Disability	5,303	0	5,303	Direct-S	0.00%	100.00%	0	5,303
107	440-4040-535.23-60	Broker & Admin. Fees	3,505	0	3,505	Direct-S	0.00%	100.00%	0	3,505
108	440-4040-535.23-90	OPEB	0	0	0	Direct-S	0.00%	100.00%	0	0
109	440-4040-535.24-10	Worker's Compensation	15,944	0	15,944	Direct-S	0.00%	100.00%	0	15,944
110		Subtotal Personnel Expenses	\$1,120,025	(\$57,356)	\$1,062,669		0.00%	100.00%	\$0	\$1,062,669
		<b><u>Operating Expenses</u></b>								
111	440-4040-535.31-10	Professional Services	\$55,000	\$0	\$55,000	Direct-S	0.00%	100.00%	\$0	\$55,000
112	440-4040-535.34-10	Other Contractual Service	269,917	0	269,917	Direct-S	0.00%	100.00%	0	269,917
113	440-4040-535.40-10	Travel & Per Diem	2,800	0	2,800	Direct-S	0.00%	100.00%	0	2,800
114	440-4040-535.41-10	Telephone	0	0	0	Direct-S	0.00%	100.00%	0	0
115	440-4040-535.41-15	Cellular	3	0	3	Direct-S	0.00%	100.00%	0	3
116	440-4040-535.41-20	Internet / VOIP / Network	1,125	0	1,125	Direct-S	0.00%	100.00%	0	1,125
117	440-4040-535.41-30	Legal Ads	0	0	0	Direct-S	0.00%	100.00%	0	0
118	440-4040-535.41-40	Postage	13,000	0	13,000	Direct-S	0.00%	100.00%	0	13,000
119	440-4040-535.43-10	Electric	158,584	0	158,584	Direct-S	0.00%	100.00%	0	158,584
120	440-4040-535.43-30	Water / Sewer / Trash	17,730	0	17,730	Direct-S	0.00%	100.00%	0	17,730
121	440-4040-535.44-10	Rent	8,000	0	8,000	Direct-S	0.00%	100.00%	0	8,000
122	440-4040-535.46-10	Repair & Maintenance	220,730	0	220,730	Direct-S	0.00%	100.00%	0	220,730
123	440-4040-535.46-20	Fleet Charges	4,315	0	4,315	Direct-S	0.00%	100.00%	0	4,315
124	440-4040-535.47-10	Printing & Binding	0	0	0	Direct-S	0.00%	100.00%	0	0
125	440-4040-535.47-20	Copier	1,400	0	1,400	Direct-S	0.00%	100.00%	0	1,400
126	440-4040-535.48-10	Promotional Activities	1,775	0	1,775	Direct-S	0.00%	100.00%	0	1,775
127	440-4040-535.49-01	Cost Allocation [2]	164,184	0	164,184	Direct-S	0.00%	100.00%	0	164,184
128	440-4040-535.49-10	Other Charges/Obligations	6,400	0	6,400	Direct-S	0.00%	100.00%	0	6,400
129	440-4040-535.49-40	PILOFF Water & Sewer [3]	128,356	(128,356)	0	Direct-S	0.00%	100.00%	0	0
130	440-4040-535.51-10	Office Supplies	1,000	0	1,000	Direct-S	0.00%	100.00%	0	1,000
131	440-4040-535.52-10	Operating Supplies	54,750	0	54,750	Direct-S	0.00%	100.00%	0	54,750
132	440-4040-535.52-20	Unleaded & Diesel	2,903	0	2,903	Direct-S	0.00%	100.00%	0	2,903
133	440-4040-535.52-25	Bulk Fuel	3,500	0	3,500	Direct-S	0.00%	100.00%	0	3,500
134	440-4040-535.52-30	Uniforms	2,425	0	2,425	Direct-S	0.00%	100.00%	0	2,425
135	440-4040-535.52-50	Chemical	164,991	0	164,991	Direct-S	0.00%	100.00%	0	164,991
136	440-4040-535.54-10	Books, Pubs, Subs, & Mem	300	0	300	Direct-S	0.00%	100.00%	0	300
137	440-4040-535.54-20	Educational Development	5,200	0	5,200	Direct-S	0.00%	100.00%	0	5,200
138		Subtotal Operating Expenses	\$1,288,388	(\$128,356)	\$1,160,032		0.00%	100.00%	\$0	\$1,160,032
139		Total Wastewater Department	\$2,408,413	(\$185,712)	\$2,222,701		0.00%	100.00%	\$0	\$2,222,701
	440-4050-539	<b><u>Wastewater Collections</u></b>								
140	440-4050-539.12-10	Regular Salaries	\$232,930	\$0	\$232,930	Direct-S	0.00%	100.00%	\$0	\$232,930
141	AddPerCollections	Additional Personnel	0	0	0	Input	0.00%	0.00%	0	0
142	440-4050-539.14-10	Overtime	22,006	0	22,006	Direct-S	0.00%	100.00%	0	22,006
143	440-4050-539.15-30	Cell Phone	800	0	800	Direct-S	0.00%	100.00%	0	800

**Table 1-7**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Allocation of Fiscal Year 2022 Operating Budget [1]**

Line No.	Cost Center Code	Description	Budget 2022	Adjustments	Adjusted 2022	Allocation Factor	Allocation Percentages		Allocated Amounts	
							Water	Wastewater	Water	Wastewater
144	440-4050-539.15-60	Boot Allowance	750	0	750	Direct-S	0.00%	100.00%	0	750
145	440-4050-539.21-10	FICA Taxes	14,045	0	14,045	Direct-S	0.00%	100.00%	0	14,045
146	440-4050-539.21-20	Medicare	3,285	0	3,285	Direct-S	0.00%	100.00%	0	3,285
147	440-4050-539.22-10	Retirement Contributions	0	0	0	Direct-S	0.00%	100.00%	0	0
148	440-4050-539.22-20	DCSE	27,412	0	27,412	Direct-S	0.00%	100.00%	0	27,412
149	440-4050-539.23-10	Life Insurance	1,053	0	1,053	Direct-S	0.00%	100.00%	0	1,053
150	440-4050-539.23-20	Group Medical Insurance	60,781	0	60,781	Direct-S	0.00%	100.00%	0	60,781
151	440-4050-539.23-21	HRA Employer Contribution	8,250	0	8,250	Direct-S	0.00%	100.00%	0	8,250
152	440-4050-539.23-22	HRA Employer Contribution	250	0	250	Direct-S	0.00%	100.00%	0	250
153	440-4050-539.23-30	Dental Insurance	1,561	0	1,561	Direct-S	0.00%	100.00%	0	1,561
154	440-4050-539.23-40	Long Term Disability	1,884	0	1,884	Direct-S	0.00%	100.00%	0	1,884
155	440-4050-539.23-60	Broker & Admin. Fees	893	0	893	Direct-S	0.00%	100.00%	0	893
156	440-4050-539.23-90	OPEB Expense	0	0	0	Direct-S	0.00%	100.00%	0	0
157	440-4050-539.24-10	Worker's Compensation	5,482	0	5,482	Direct-S	0.00%	100.00%	0	5,482
158		Subtotal Personnel Expenses	\$381,382	\$0	\$381,382		0.00%	100.00%	\$0	\$381,382
		<u>Operating Expenses</u>								
159	440-4050-539.34-10	Other Contractual Service	\$213	\$0	\$213	Direct-S	0.00%	100.00%	\$0	\$213
160	440-4050-539.40-10	Travel & Per Diem	1,400	0	1,400	Direct-S	0.00%	100.00%	0	1,400
161	440-4050-539.41-10	Telephone	220	0	220	Direct-S	0.00%	100.00%	0	220
162	440-4050-539.41-15	Cellular	494	0	494	Direct-S	0.00%	100.00%	0	494
163	440-4050-539.41-20	Internet / Postage / VOIP / Network	430	0	430	Direct-S	0.00%	100.00%	0	430
164	440-4050-539.43-10	Electric	56,622	0	56,622	Direct-S	0.00%	100.00%	0	56,622
165	440-4050-539.43-30	Water / Sewer / Trash	1,292	0	1,292	Direct-S	0.00%	100.00%	0	1,292
166	440-4050-539.44-10	Rent	500	0	500	Direct-S	0.00%	100.00%	0	500
167	440-4050-539.46-10	Repair & Maintenance	118,500	0	118,500	Direct-S	0.00%	100.00%	0	118,500
168	440-4050-539.46-20	Fleet Charges	33,435	0	33,435	Direct-S	0.00%	100.00%	0	33,435
169	440-4050-539.47-10	Printing & Binding	0	0	0	Direct-S	0.00%	100.00%	0	0
170	440-4050-539.47-20	Copier	2,200	0	2,200	Direct-S	0.00%	100.00%	0	2,200
171	440-4050-539.49-01	Cost Allocation [2]	70,321	0	70,321	Direct-S	0.00%	100.00%	0	70,321
172	440-4050-539.49-10	Other Charges/Obligations	2,050	0	2,050	Direct-S	0.00%	100.00%	0	2,050
173	440-4050-539.49-40	PILOFF Water & Sewer [3]	34,492	(34,492)	0	Direct-S	0.00%	100.00%	0	0
174	440-4050-539.51-10	Office Supplies	500	0	500	Direct-S	0.00%	100.00%	0	500
175	440-4050-539.52-10	Operating Supplies	24,750	0	24,750	Direct-S	0.00%	100.00%	0	24,750
176	440-4050-539.52-20	Unleaded & Diesel	15,007	0	15,007	Direct-S	0.00%	100.00%	0	15,007
177	440-4050-539.52-30	Uniforms	980	0	980	Direct-S	0.00%	100.00%	0	980
178	440-4050-539.52-50	Chemical	25,000	0	25,000	Direct-S	0.00%	100.00%	0	25,000
179	440-4050-539.54-10	Books, Pubs, Subs, & Mem	0	0	0	Direct-S	0.00%	100.00%	0	0
180	440-4050-539.54-20	Educational Development	1,540	0	1,540	Direct-S	0.00%	100.00%	0	1,540
181		Subtotal Operating Expenses	\$389,946	(\$34,492)	\$355,454		0.00%	100.00%	\$0	\$355,454
182		Total Wastewater Collections	\$771,328	(\$34,492)	\$736,836		0.00%	100.00%	\$0	\$736,836
	440-4080-539	<u>Field Operations</u>								
183	440-4080-539.12-10	Regular Salaries	\$496,139	\$0	\$496,139	Lines	59.27%	40.73%	\$294,048	\$202,091
184	AddPerFieldOps	Additional Personnel	0	0	0	Input	0.00%	0.00%	0	0
185	440-4080-539.12-20	DC ICMA	8,417	0	8,417	Lines	59.27%	40.73%	4,989	3,428
186	440-4080-539.14-10	Overtime	29,141	0	29,141	Lines	59.27%	40.73%	17,271	11,870
187	440-4080-539.15-30	Cell Phone	1,485	0	1,485	Lines	59.27%	40.73%	880	605
188	440-4080-539.15-60	Boot Allowance	2,100	0	2,100	Lines	59.27%	40.73%	1,245	855
189	440-4080-539.21-10	FICA Taxes	29,239	0	29,239	Lines	59.27%	40.73%	17,329	11,910
190	440-4080-539.21-20	Medicare	6,838	0	6,838	Lines	59.27%	40.73%	4,053	2,785
191	440-4080-539.22-20	DCSE	46,641	0	46,641	Lines	59.27%	40.73%	27,643	18,998
192	440-4080-539.23-10	Life Insurance	2,246	0	2,246	Lines	59.27%	40.73%	1,331	915
193	440-4080-539.23-20	Group Medical Insurance	151,599	0	151,599	Lines	59.27%	40.73%	89,849	61,750
194	440-4080-539.23-21	HSA Employer Contribution	18,613	0	18,613	Lines	59.27%	40.73%	11,031	7,582
195	440-4080-539.23-22	HRA Employer Contribution	1,000	0	1,000	Lines	59.27%	40.73%	593	407
196	440-4080-539.23-30	Dental Insurance	4,236	0	4,236	Lines	59.27%	40.73%	2,511	1,725
197	440-4080-539.23-40	Long Term Disability	4,019	0	4,019	Lines	59.27%	40.73%	2,382	1,637
198	440-4080-539.23-60	Broker & Admin. Fees	2,454	0	2,454	Lines	59.27%	40.73%	1,454	1,000
199	440-4080-539.23-90	OPEB Expense	0	0	0	Lines	59.27%	40.73%	0	0
200	440-4080-539.24-10	Worker's Compensation	14,758	0	14,758	Lines	59.27%	40.73%	8,747	6,011
201		Subtotal Personnel Costs	\$818,925	\$0	\$818,925		59.27%	40.73%	\$485,354	\$333,571
		<u>Operating Expenses</u>								
202	440-4080-539.34-10	Other Contractual Service	\$34,808	\$0	\$34,808	Lines	59.27%	40.73%	\$20,630	\$14,178
203	440-4080-539.40-10	Travel & Per Diem	3,835	0	3,835	Lines	59.27%	40.73%	2,273	1,562
204	440-4080-539.41-10	Telephone	0	0	0	Lines	59.27%	40.73%	0	0
205	440-4080-539.41-15	Cellular	1,740	0	1,740	Lines	59.27%	40.73%	1,031	709
206	440-4080-539.41-20	Internet / VOIP / Network	1,230	0	1,230	Lines	59.27%	40.73%	729	501
207	440-4080-539.41-40	Postage	0	0	0	Lines	59.27%	40.73%	0	0
208	440-4080-539.44-10	Rent	1,000	0	1,000	Lines	59.27%	40.73%	593	407
209	440-4080-539.46-10	Repair & Maintenance	38,500	0	38,500	Accounts	52.05%	47.95%	20,041	18,459
210	440-4080-539.46-20	Fleet Charges	38,523	0	38,523	Lines	59.27%	40.73%	22,832	15,691
211	440-4080-539.47-10	Printing & Binding	300	0	300	Lines	59.27%	40.73%	178	122
212	440-4080-539.49-01	Cost Allocation [2]	137,534	0	137,534	Lines	59.27%	40.73%	81,513	56,021
213	440-4080-539.49-10	Other Charges/Obligations	6,868	0	6,868	Lines	59.27%	40.73%	4,070	2,798
214	440-4080-539.49-40	PILOFF Water & Sewer [3]	94,744	(94,744)	0	Lines	59.27%	40.73%	0	0
215	440-4080-539.51-10	Office Supplies	500	0	500	Lines	59.27%	40.73%	296	204
216	440-4080-539.52-10	Operating Supplies	155,500	0	155,500	Lines	59.27%	40.73%	92,161	63,339
217	440-4080-539.52-20	Unleaded & Diesel	36,453	0	36,453	Lines	59.27%	40.73%	21,605	14,848

**Table 1-7**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Allocation of Fiscal Year 2022 Operating Budget [1]**

Line No.	Cost Center Code	Description	Budget 2022	Adjustments	Adjusted 2022	Allocation Factor	Allocation Percentages		Allocated Amounts	
							Water	Wastewater	Water	Wastewater
218	440-4080-539.52-30	Uniforms	1,850	0	1,850	Lines	59.27%	40.73%	1,096	754
219	440-4080-539.54-10	Books, Pubs, Subs, & Mem	30	0	30	Lines	59.27%	40.73%	18	12
220	440-4080-539.54-20	Educational Development	4,295	0	4,295	Lines	59.27%	40.73%	2,546	1,749
221		Subtotal Operating Expenses	\$557,710	(\$94,744)	\$462,966		58.67%	41.33%	\$271,610	\$191,356
222		Total Field Operations	\$1,376,635	(\$94,744)	\$1,281,891		59.05%	40.95%	\$756,964	\$524,927
	440-5555-580, 581, 589	<b>Non-Departmental [4]</b>								
223	440-5555-580.22-10	Retirement Contributions	\$369,916	\$0	\$369,916	Equal	50.00%	50.00%	\$184,958	\$184,958
224	440-5555-580.23-80	PTO Expense	0	0	0	Eliminate	0.00%	0.00%	0	0
225	440-5555-580.31-10	Professional Services	20,659	0	20,659	Revenues	44.91%	55.09%	9,278	11,381
226	440-5555-580.32-10	Accounting & Auditing	0	0	0	Revenues	44.91%	55.09%	0	0
227	440-5555-580.34-10	Other Contractual Service	0	0	0	Equal	50.00%	50.00%	0	0
228	440-5555-580.45-10	General Liability	19,777	0	19,777	Assets	42.00%	58.00%	8,306	11,471
229	440-5555-580.45-15	Property - Insurances	92,253	0	92,253	Assets	42.00%	58.00%	38,746	53,507
230	440-5555-580.45-20	Public Officials	15,262	0	15,262	Revenues	44.91%	55.09%	6,854	8,408
231	440-5555-580.45-25	Automobile - Insurances	18,426	0	18,426	Assets	42.00%	58.00%	7,739	10,687
232	440-5555-580.45-35	Environmental Liability	3,641	0	3,641	Equal	50.00%	50.00%	1,821	1,821
233	440-5555-580.46-10	Repair & Maintenance	15,000	0	15,000	Equal	50.00%	50.00%	7,500	7,500
234	440-5555-580.49-10	Other Charges/Obligations	2,390	0	2,390	Equal	50.00%	50.00%	1,195	1,195
235	440-5555-580.49-20	Bank Charges	0	0	0	Eliminate	0.00%	0.00%	0	0
236	440-5555-580.49-30	Insurance Deductible	0	0	0	Equal	50.00%	50.00%	0	0
237	440-5555-580.49-50	Write Off	0	0	0	Eliminate	0.00%	0.00%	0	0
238	440-5555-580.49-60	Hurricane Charges	0	0	0	Equal	50.00%	50.00%	0	0
239	440-5555-580.52-10	Operating Supplies	0	0	0	Eliminate	0.00%	0.00%	0	0
240	440-5555-580.59-10	Depreciation	0	0	0	Eliminate	0.00%	0.00%	0	0
241	440-5555-580.62-10	Buildings	0	0	0	Assets	42.00%	58.00%	0	0
242	440-5555-580.63-10	Improvements O/T Building	0	0	0	Assets	42.00%	58.00%	0	0
243	440-5555-580.64-10	Machinery & Equipment	176,536	(176,536)	0	Assets	42.00%	58.00%	0	0
244	440-5555-580.64-20	Motor Vehicles	175,000	(175,000)	0	Assets	42.00%	58.00%	0	0
245	440-5555-580.71-15	JCI Meters	0	0	0	Direct-W	100.00%	0.00%	0	0
246	440-5555-580.71-24	Refunding Bond Series 09	0	0	0	Assets	42.00%	58.00%	0	0
247	440-5555-580.71-26	BBT SRF Refinance 2012	0	0	0	Assets	42.00%	58.00%	0	0
248	440-5555-580.71-28	BBT Cap Imp Rev Note 2014	34,500	(34,500)	0	Direct-S	0.00%	100.00%	0	0
249	440-5555-580.71-29	St Rev Fund-WWTP R&R 2013	304,413	(304,413)	0	Direct-S	0.00%	100.00%	0	0
250	440-5555-580.71-38	BBT W&S Ref Rev Bnd 2016	938,000	(938,000)	0	Direct-S	0.00%	100.00%	0	0
251	440-5555-580.72-13	BOA Obligation #265	0	0	0	Eliminate	0.00%	0.00%	0	0
252	440-5555-580.71-40	Veh Lse 2016 Amer Cap Svc	5,073	(5,073)	0	Equal	50.00%	50.00%	0	0
253	440-5555-580.71-42	SRF 640530 Reel X Design	16,582	(16,582)	0	Equal	50.00%	50.00%	0	0
254	440-5555-580.71-43	State Revolving Fund 640531	183,345	(183,345)	0	Direct-S	0.00%	100.00%	0	0
255	440-5555-580.72-15	JCI Meters	0	0	0	Direct-W	100.00%	0.00%	0	0
256	440-5555-580.72-20	State Revolving Fund	0	0	0	Eliminate	0.00%	0.00%	0	0
257	440-5555-580.72-24	Refunding Bond Series 09	0	0	0	Assets	42.00%	58.00%	0	0
258	440-5555-580.72-26	BBT SRF Refinance 2012	0	0	0	Assets	42.00%	58.00%	0	0
259	440-5555-580.72-28	BBT Cap Imp Rev Note 2014	2,133	(2,133)	0	Direct-S	0.00%	100.00%	0	0
260	440-5555-580.72-29	St Rev Fund-WWTP R&R 2013	79,556	(79,556)	0	Direct-S	0.00%	100.00%	0	0
261	440-5555-580.72-38	BBT W&S Ref Rev Bnd 2016	126,270	(126,270)	0	Direct-S	0.00%	100.00%	0	0
262	440-5555-580.72-40	Veh Lse 2016 Amer Cap Svc	103	(103)	0	Equal	50.00%	50.00%	0	0
263	440-5555-580.72-42	SRF 640530 Reel X Design	1,785	(1,785)	0	Direct-S	0.00%	100.00%	0	0
264	440-5555-580.72-43	State Revolving Fund 640531	23,336	(23,336)	0	Direct-S	0.00%	100.00%	0	0
265	440-5555-580.73-11	2013 SunTrust JCI	0	0	0	Eliminate	0.00%	0.00%	0	0
266	440-5555-580.73-21	Bond Issuance Cost - SRF	0	0	0	Eliminate	0.00%	0.00%	0	0
267	440-5555-580.73-41	BBT SRF Refinance 2012	0	0	0	Eliminate	0.00%	0.00%	0	0
268	440-5555-580.73-42	Cap Imp Rev Note Srs 2014	0	0	0	Eliminate	0.00%	0.00%	0	0
269	440-5555-580.73-43	10M UT SYS Refunding Revenue Note 2016	0	0	0	Eliminate	0.00%	0.00%	0	0
270	440-5555-581.03-31	Capital Fund	0	0	0	Eliminate	0.00%	0.00%	0	0
271	440-5555-581.04-44	Renewal And Replacement	23,924,602	(23,924,602)	0	Eliminate	0.00%	0.00%	0	0
272	440-5555-581.04-45	Wtr/Swr Rate Stabilization	0	0	0	Revenues	44.91%	55.09%	0	0
273	440-5555-581.04-50	Public Works Complex	295,000	(295,000)	0	Assets	42.00%	58.00%	0	0
274	440-5555-581.05-01	MIS	0	0	0	Assets	42.00%	58.00%	0	0
275	440-5555-589.50-50	Stabilization / Charter Reserve Estimated Savings	0	0	0	Eliminate	0.00%	0.00%	0	0
276	440-5555-581.10-01	General Fund	0	0	0	Eliminate	0.00%	0.00%	0	0
277	440-5555-589.10-01	Current Year Unreserved	249,409	(249,409)	0	Revenues	44.91%	55.09%	0	0
278		Total Non-Departmental	\$27,092,967	(\$26,535,643)	\$557,324		47.80%	52.20%	\$266,397	\$290,927

**Table 1-7**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Allocation of Fiscal Year 2022 Operating Budget [1]**

Line No.	Cost Center Code	Description	Budget		Adjusted 2022	Allocation Factor	Allocation Percentages		Allocated Amounts	
			2022	Adjustments			Water	Wastewater	Water	Wastewater
<b><u>Other Adjustments</u></b>										
279	Contingency	Contingency - 1.00% of O&M [5]	\$0	\$81,234	\$81,234	Calculation	44.68%	55.32%	\$36,295	\$44,939
280	BadDebt	Bad Debt Expense - 0.25% of Rate Revs. [6]	0	32,786	32,786	Calculation	44.70%	55.30%	14,654	18,132
281	Other	Other Adjustments	0	0	0	Adm Salary	43.35%	56.65%	0	0
282		Total Other Adjustments	<u>\$0</u>	<u>\$114,020</u>	<u>\$114,020</u>		<u>44.68%</u>	<u>55.32%</u>	<u>\$50,949</u>	<u>\$63,071</u>
283		<b>Grand Total Operating Budget</b>	<u><u>\$35,450,310</u></u>	<u><u>(\$27,212,858)</u></u>	<u><u>\$8,237,452</u></u>		<u><u>44.68%</u></u>	<u><u>55.32%</u></u>	<u><u>\$3,680,458</u></u>	<u><u>\$4,556,994</u></u>

**Footnotes:**

- [1] Budgeted amounts shown are based on the Fiscal Year 2022 Adopted Operating Budget as provided by the City.  
[2] Budgeted amounts for the "Cost Allocation" line are to reimburse the General Fund for services that benefit the Utility.  
[3] Budgeted amounts for the PILOFF are transferred to the General Fund and are therefore excluded from the Cost of Operation and Maintenance for coverage purposes. These items have been adjusted from the budget and are accounted for in the summary of Revenue Requirements later in the rate model.  
[4] Amounts are adjusted from budget as shown herein since such capital outlay expenses and debt service payments are reflected in the Capital Improvements Plan or the Revenue Requirements part of the rate model.  
[5] A contingency of 1.00% of O&M was added to allow for unforeseen contingencies.  
[6] An allowance for bad debt expense of 0.25% of rate was recognized to account for uncollectible revenues.

**Table 1-8**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Allocation References**

Line No.	Description	Allocation Basis	Allocation Percentages		Total
			Water	Wastewater	
1	Equal Water and Wastewater	Equal	50.00%	50.00%	100.00%
2	Direct Water	Direct-W	100.00%	0.00%	100.00%
3	Direct Wastewater	Direct-S	0.00%	100.00%	100.00%
4	Eliminate	Eliminate	0.00%	0.00%	0.00%
5	Customer Accounts	Accounts	52.05%	47.95%	100.00%
6	Sales Revenues	Revenues	44.91%	55.09%	100.00%
7	Treated Flows	Flows	57.78%	42.22%	100.00%
8	Miles of Line	Lines	59.27%	40.73%	100.00%
9	Operating Expenses	Op Exp	44.68%	55.32%	100.00%
10	Administration Operations Salaries	Adm Salary	43.35%	56.65%	100.00%
11	System Fixed Assets	Assets	42.00%	58.00%	100.00%

**Development of Allocation References**

		Allocation Percentages		
		Water	Wastewater	Total
<u>Customer Accounts:</u>				
12	Number of Accounts - Fiscal Year 2021	11,229	10,343	21,571
13	Percentage Allocation	52.05%	47.95%	100.00%
<u>Sales Revenues</u>				
14	Rate Revenues - Fiscal Year 2021	\$5,469,879	\$6,710,198	\$12,180,077
15	Percentage Allocation	44.91%	55.09%	100.00%
<u>Treated Flows</u>				
16	Treated Flows - Fiscal Year 2021	719,050	525,330	1,244,380
17	Percentage Allocation	57.78%	42.22%	100.00%
<u>Linear Feet of Line</u>				
18	Linear Feet of Lines - Fiscal Year 2015	1,452,000	997,920	2,449,920
19	Percentage Allocation	59.27%	40.73%	100.00%
<u>Operating Expenses</u>				
20	Operating Expenses - Fiscal Year 2022	\$3,680,458	\$4,556,994	\$8,237,452
21	Percentage Allocation	44.68%	55.32%	100.00%



**Table 1-8**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Allocation References**

		<u>Allocation Percentages</u>		
		<u>Water</u>	<u>Wastewater</u>	<u>Total</u>
<u>Salaries Expense - Fiscal Year 2022</u>				
22	Water Department	\$574,059	\$0	\$574,059
23	Wastewater Department	0	699,471	699,471
24	Wastewater Collections Department	0	232,930	232,930
25	Field Operations Department	294,048	202,091	496,139
26	Total Salaries (Excluding Admin.)	\$868,107	\$1,134,492	\$2,002,599
27	Percentage Allocation	43.35%	56.65%	100.00%
<u>System Assets</u>				
28	Plant Assets - Fiscal Year 2021	\$34,100,803	\$47,091,606	\$81,192,409
29	Percentage Allocation	42.00%	58.00%	100.00%

**Table 1-9**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Water System Operating Expenses**

Line No.	Cost Center Code	Description	Adjusted [1] 2022	Escalation Factor	Projected 2023	Fiscal Year Ending September 30th,			
						2024	2025	2026	2027
<b>440-4010-539 Administration Department</b>									
1	440-4010-539.12-10	Regular Salaries	\$140,303	Labor	\$121,138	\$127,195	\$133,555	\$140,232	\$147,244
2	AddPerAdmin	Additional Personnel	0	Input	0	0	0	0	0
3	440-4010-539.14-10	Overtime	18	Labor	225	237	249	261	274
4	440-4010-539.15-30	Cell Phone	954	Inflation	1,020	1,071	1,096	1,122	1,149
5	440-4010-539.15-60	Boot Allowance	65	Inflation	70	73	75	77	78
6	440-4010-539.21-10	FICA Taxes	8,011	Labor	8,412	8,832	9,274	9,738	10,225
7	440-4010-539.21-20	Medicare	1,874	Labor	1,967	2,066	2,169	2,277	2,391
8	440-4010-539.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
9	440-4010-539.22-20	DCSE	15,635	Labor	16,417	17,238	18,100	19,005	19,955
10	440-4010-539.23-10	Life Insurance	597	General-Ins	627	659	692	726	762
11	440-4010-539.23-20	Group Medical Insurance	30,088	Health-Ins	33,097	36,407	40,047	44,052	48,457
12	440-4010-539.23-21	HSA Employer Contribution	1,196	Labor	1,255	1,318	1,384	1,453	1,526
13	440-4010-539.23-22	HRA Employer Contribution	433	Labor	455	478	502	527	553
14	440-4010-539.23-30	Dental Insurance	1,126	Health-Ins	1,238	1,362	1,498	1,648	1,813
15	440-4010-539.23-40	Long Term Disability	1,069	Health-Ins	1,176	1,294	1,423	1,566	1,722
16	440-4010-539.23-60	Broker & Admin. Fees	817	Health-Ins	898	988	1,087	1,196	1,315
17	440-4010-539.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
18	440-4010-539.24-10	Worker's Compensation	209	Labor	219	230	241	253	266
19		Subtotal Personnel Expenses	\$202,395		\$188,216	\$199,447	\$211,391	\$224,133	\$237,732
<b>Operating Expenses</b>									
20	440-4010-539.31-10	Professional Services	\$21,675	Eliminate	\$0	\$0	\$0	\$0	\$0
20	440-4010-539.34-10	Other Contractual Service	1,831	Contractual	1,904	1,980	2,060	2,142	2,228
21	440-4010-539.40-10	Travel & Per Diem	1,777	Inflation	1,902	1,997	2,043	2,092	2,142
22	440-4010-539.41-10	Telephone	188	Inflation	201	211	216	221	226
23	440-4010-539.41-20	Internet	1,626	Inflation	1,739	1,826	1,868	1,913	1,959
24	440-4010-539.41-40	Postage	0	Inflation	0	0	0	0	0
25	440-4010-539.43-10	Electric	803	Electricity	859	885	911	939	967
26	440-4010-539.46-10	Repair & Maintenance	975	Repair	1,029	1,075	1,113	1,152	1,192
27	440-4010-539.46-20	Fleet Charges	573	Repair	605	632	654	677	700
28	440-4010-539.47-20	Copier	2,558	Inflation	2,737	2,873	2,940	3,010	3,082
29	440-4010-539.49-01	Cost Allocation [2]	306,734	Labor	322,071	338,174	355,083	372,837	391,479
30	440-4010-539.49-10	Other Charges/Obligations	87	Inflation	93	97	100	102	104
31	440-4010-539.49-40	PILOFF Water & Sewer [3]	0	Eliminate	0	0	0	0	0
32	440-4010-539.51-10	Office Supplies	650	Inflation	696	731	747	765	784
33	440-4010-539.52-10	Operating Supplies	1,517	Inflation	1,623	1,705	1,744	1,786	1,829
34	440-4010-539.52-20	Unleaded & Diesel	352	Fuel	404	445	476	509	545
35	440-4010-539.52-30	Uniforms	564	Inflation	603	633	648	663	679
36	440-4010-539.54-10	Books, Pubs, Subs, & Mem	3,800	Inflation	4,066	4,270	4,368	4,473	4,580
37	440-4010-539.54-20	Educational Development	1,712	Inflation	1,832	1,924	1,968	2,015	2,064
38		Subtotal Operating Expenses	\$347,421		\$342,364	\$359,458	\$376,938	\$395,296	\$414,560
39		Total Administration Department	\$549,816		\$530,580	\$558,906	\$588,329	\$619,429	\$652,292
<b>440-4030-533 Water Department</b>									
40	440-4030-533.12-10	Regular Salaries	\$574,059	Labor	\$664,016	\$697,217	\$732,078	\$768,682	\$807,116
41	AddPerWater	Additional Personnel	0	Input	0	0	0	0	0
42	440-4030-533.12-20	DC ICMA	14,999	Labor	15,749	16,536	17,363	18,231	19,143
43	440-4030-533.14-10	Overtime	81,557	Labor	19,074	20,028	21,029	22,081	23,185
44	440-4030-533.15-30	Cell Phone	1,100	Inflation	1,177	1,236	1,264	1,295	1,326
45	440-4030-533.15-60	Boot Allowance	1,500	Inflation	1,605	1,685	1,724	1,765	1,808
46	440-4030-533.21-10	FICA Taxes	32,385	Labor	34,004	35,704	37,490	39,364	41,332
47	440-4030-533.21-20	Medicare	7,574	Labor	7,953	8,350	8,768	9,206	9,667
48	440-4030-533.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
49	440-4030-533.22-20	DCSE	45,043	Labor	47,295	49,660	52,143	54,750	57,488
50	440-4030-533.23-10	Life Insurance	2,301	General-Ins	2,416	2,537	2,664	2,797	2,937
51	440-4030-533.23-20	Group Medical Insurance	124,438	Health-Ins	136,882	150,570	165,627	182,190	200,409
52	440-4030-533.23-21	HSA Employer Contribution	11,113	Labor	11,669	12,252	12,865	13,508	14,183
53	440-4030-533.23-22	HRA Employer Contribution	750	Labor	788	827	868	912	957
54	440-4030-533.23-30	Dental Insurance	3,063	Health-Ins	3,369	3,706	4,077	4,485	4,933
55	440-4030-533.23-40	Long Term Disability	4,118	Health-Ins	4,530	4,983	5,481	6,029	6,632
56	440-4030-533.23-60	Broker & Admin. Fees	3,531	Health-Ins	3,884	4,273	4,700	5,170	5,687
57	440-4030-533.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
58	440-4030-533.24-10	Worker's Compensation	16,070	Labor	16,874	17,717	18,603	19,533	20,510
59		Subtotal Personnel Expenses	\$923,601		\$971,284	\$1,027,281	\$1,086,743	\$1,149,997	\$1,217,311
<b>Operating Expenses</b>									
60	440-4030-533.31-10	Professional Services	\$4,925	Contractual	\$5,122	\$5,327	\$5,540	\$5,762	\$5,992
61	440-4030-533.34-10	Other Contractual Service	119,485	Contractual	124,264	129,235	134,404	139,781	145,372
62	440-4030-533.35-20	Uniform Reimbursement	0	Inflation	0	0	0	0	0
63	440-4030-533.40-10	Travel & Per Diem	1,000	Inflation	1,070	1,124	1,149	1,177	1,205
64	440-4030-533.41-10	Telephone	230	Inflation	246	258	264	271	277
65	440-4030-533.41-11	Cell Phone	0	Inflation	0	0	0	0	0

**Table 1-9  
City of Edgewater, Florida  
Water and Wastewater Utility Rate Study**

**Projection of Water System Operating Expenses**

Line No.	Cost Center Code	Description	Adjusted [1] 2022	Escalation Factor	Projected 2023	Fiscal Year Ending September 30th,			
						2024	2025	2026	2027
66	440-4030-533.41-15	Cellular	491	Inflation	525	552	564	578	592
67	440-4030-533.41-20	Internet	5,000	Inflation	5,350	5,618	5,747	5,885	6,026
68	440-4030-533.41-30	Legal Ads	800	Inflation	856	899	919	942	964
69	440-4030-533.41-40	Postage	13,000	Inflation	13,910	14,606	14,941	15,300	15,667
70	440-4030-533.43-10	Electric	131,324	W-Elec	142,316	147,988	153,408	158,781	164,338
71	440-4030-533.44-10	Rent	1,310	Inflation	1,402	1,472	1,506	1,542	1,579
72	440-4030-533.46-10	Repair & Maintenance	80,980	Repair	85,434	89,278	92,403	95,637	98,985
73	440-4030-533.46-20	Fleet Charges	5,087	Repair	5,367	5,608	5,805	6,008	6,218
74	440-4030-533.47-10	Printing & Binding	500	Inflation	535	562	575	588	603
75	440-4030-533.47-20	Copier	1,400	Inflation	1,498	1,573	1,609	1,648	1,687
76	440-4030-533.48-10	Promotional Activities	5,895	Inflation	6,308	6,623	6,775	6,938	7,104
77	440-4030-533.49-01	Cost Allocation [2]	187,833	Labor	197,225	207,086	217,440	228,312	239,728
78	440-4030-533.49-10	Other Charges/Obligations	21,600	Inflation	23,112	24,268	24,826	25,422	26,032
79	440-4030-533.49-40	PILOFF Water & Sewer [3]	1,000	Eliminate	0	0	0	0	0
80	440-4030-533.51-10	Office Supplies	650	Inflation	696	730	747	765	783
81	440-4030-533.52-10	Operating Supplies	33,644	Inflation	35,999	37,799	38,668	39,596	40,547
82	440-4030-533.52-20	Unleaded & Diesel	3,158	Fuel	3,632	3,995	4,275	4,574	4,894
83	440-4030-533.52-25	Bulk Fuel	7,000	Fuel	8,050	8,855	9,475	10,138	10,848
84	440-4030-533.52-30	Uniforms	2,175	Inflation	2,327	2,444	2,500	2,560	2,621
85	440-4030-533.52-50	Chemical	501,950	W-Chem	533,797	565,850	597,963	630,923	665,683
86	440-4030-533.54-10	Books, Pubs, Subs, & Mem	1,470	Inflation	1,573	1,652	1,690	1,730	1,772
87	440-4030-533.54-20	Educational Development	1,825	Inflation	1,953	2,050	2,098	2,148	2,199
88		Subtotal Operating Expenses	\$1,132,732		\$1,202,566	\$1,265,450	\$1,325,292	\$1,387,003	\$1,451,715
89		Total Water Department	\$2,056,333		\$2,173,850	\$2,292,731	\$2,412,035	\$2,537,000	\$2,669,026
<b>440-4040-535</b>		<b><u>Wastewater Department</u></b>							
90	440-4040-535.12-10	Regular Salaries	\$0	Labor	\$0	\$0	\$0	\$0	\$0
91	440-4040-535.13-10	Additional Personnel	0	Input	0	0	0	0	0
92	440-4040-535.13-10	Other Salaries	0	Labor	0	0	0	0	0
93	440-4040-535.14-10	Overtime	0	Labor	0	0	0	0	0
94	440-4040-535.15-30	Cell Phone	0	Inflation	0	0	0	0	0
95	440-4040-535.15-40	Insurance Payback	0	Health-Ins	0	0	0	0	0
96	440-4040-535.15-60	Boot Allowance	0	Inflation	0	0	0	0	0
97	440-4040-535.21-10	FICA Taxes	0	Labor	0	0	0	0	0
98	440-4040-535.21-20	Medicare	0	Labor	0	0	0	0	0
99	440-4040-535.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
100	440-4040-535.22-20	DCSE	0	Inflation	0	0	0	0	0
101	440-4040-535.23-10	Life Insurance	0	General-Ins	0	0	0	0	0
102	440-4040-535.23-20	Group Medical Insurance	0	Health-Ins	0	0	0	0	0
103	440-4040-535.23-21	HSA Employer Contribution	0	Labor	0	0	0	0	0
104	440-4040-535.23-22	HRA Employer Contribution	0	Labor	0	0	0	0	0
105	440-4040-535.23-30	Dental Insurance	0	Health-Ins	0	0	0	0	0
106	440-4040-535.23-40	Long Term Disability	0	Health-Ins	0	0	0	0	0
107	440-4040-535.23-60	Broker & Admin. Fees	0	Health-Ins	0	0	0	0	0
108	440-4040-535.23-90	OPEB	0	Marginal	0	0	0	0	0
109	440-4040-535.24-10	Worker's Compensation	0	Labor	0	0	0	0	0
110		Subtotal Personnel Expenses	\$0		\$0	\$0	\$0	\$0	\$0
		<u>Operating Expenses</u>							
111	440-4040-535.31-10	Professional Services	\$0	Contractual	\$0	\$0	\$0	\$0	\$0
112	440-4040-535.34-10	Other Contractual Service	0	Contractual	0	0	0	0	0
113	440-4040-535.40-10	Travel & Per Diem	0	Inflation	0	0	0	0	0
114	440-4040-535.41-10	Telephone	0	Inflation	0	0	0	0	0
115	440-4040-535.41-15	Cellular	0	Inflation	0	0	0	0	0
116	440-4040-535.41-20	Internet	0	Inflation	0	0	0	0	0
117	440-4040-535.41-30	Legal Ads	0	Inflation	0	0	0	0	0
118	440-4040-535.41-40	Postage	0	Inflation	0	0	0	0	0
119	440-4040-535.43-10	Electric	0	WW-Elec	0	0	0	0	0
120	440-4040-535.43-30	Water / Sewer / Trash	0	Inflation	0	0	0	0	0
121	440-4040-535.44-10	Rent	0	Inflation	0	0	0	0	0
122	440-4040-535.46-10	Repair & Maintenance	0	Repair	0	0	0	0	0
123	440-4040-535.46-20	Fleet Charges	0	Repair	0	0	0	0	0
124	440-4040-535.47-10	Printing & Binding	0	Inflation	0	0	0	0	0
125	440-4040-535.47-20	Copier	0	Inflation	0	0	0	0	0
126	440-4040-535.48-10	Promotional Activities	0	Inflation	0	0	0	0	0
127	440-4040-535.49-01	Cost Allocation [2]	0	Labor	0	0	0	0	0
128	440-4040-535.49-10	Other Charges/Obligations	0	Inflation	0	0	0	0	0
129	440-4040-535.49-40	PILOFF Water & Sewer [3]	0	Eliminate	0	0	0	0	0
130	440-4040-535.51-10	Office Supplies	0	Inflation	0	0	0	0	0
131	440-4040-535.52-10	Operating Supplies	0	Inflation	0	0	0	0	0
132	440-4040-535.52-20	Unleaded & Diesel	0	Fuel	0	0	0	0	0
133	440-4040-535.52-25	Bulk Fuel	0	Fuel	0	0	0	0	0
134	440-4040-535.52-30	Uniforms	0	Inflation	0	0	0	0	0
135	440-4040-535.52-50	Chemical	0	WW-Chem	0	0	0	0	0
136	440-4040-535.54-10	Books, Pubs, Subs, & Mem	0	Inflation	0	0	0	0	0

**Table 1-9**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Water System Operating Expenses**

Line No.	Cost Center Code	Description	Adjusted [1] 2022	Escalation Factor	Projected 2023	Fiscal Year Ending September 30th,			
						2024	2025	2026	2027
137	440-4040-535.54-20	Educational Development	0	Inflation	0	0	0	0	0
138		Subtotal Operating Expenses	\$0		\$0	\$0	\$0	\$0	\$0
139		Total Wastewater Department	\$0		\$0	\$0	\$0	\$0	\$0
	<b>440-4050-539</b>	<b><u>Wastewater Collections</u></b>							
140	440-4050-539.12-10	Regular Salaries	\$0	Labor	\$0	\$0	\$0	\$0	\$0
141	AddPerCollections	Additional Personnel	0	Input	0	0	0	0	0
142	440-4050-539.14-10	Overtime	0	Labor	0	0	0	0	0
143	440-4050-539.15-30	Cell Phone	0	Inflation	0	0	0	0	0
144	440-4050-539.15-60	Boot Allowance	0	Inflation	0	0	0	0	0
145	440-4050-539.21-10	FICA Taxes	0	Labor	0	0	0	0	0
146	440-4050-539.21-20	Medicare	0	Labor	0	0	0	0	0
147	440-4050-539.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
148	440-4050-539.22-20	DCSE	0	Labor	0	0	0	0	0
149	440-4050-539.23-10	Life Insurance	0	General-Ins	0	0	0	0	0
150	440-4050-539.23-20	Group Medical Insurance	0	Health-Ins	0	0	0	0	0
151	440-4050-539.23-21	HRA Employer Contribution	0	Labor	0	0	0	0	0
152	440-4050-539.23-22	HRA Employer Contribution	0	Labor	0	0	0	0	0
153	440-4050-539.23-30	Dental Insurance	0	Health-Ins	0	0	0	0	0
154	440-4050-539.23-40	Long Term Disability	0	Health-Ins	0	0	0	0	0
155	440-4050-539.23-60	Broker & Admin. Fees	0	Health-Ins	0	0	0	0	0
156	440-4050-539.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
157	440-4050-539.24-10	Worker's Compensation	0	Labor	0	0	0	0	0
158		Subtotal Personnel Expenses	\$0		\$0	\$0	\$0	\$0	\$0
		<u>Operating Expenses</u>							
159	440-4050-539.34-10	Other Contractual Service	\$0	Contractual	\$0	\$0	\$0	\$0	\$0
160	440-4050-539.40-10	Travel & Per Diem	0	Inflation	0	0	0	0	0
161	440-4050-539.41-10	Telephone	0	Inflation	0	0	0	0	0
162	440-4050-539.41-15	Cellular	0	Inflation	0	0	0	0	0
163	440-4050-539.41-20	Internet	0	Inflation	0	0	0	0	0
164	440-4050-539.43-10	Electric	0	WW-Elec	0	0	0	0	0
165	440-4050-539.43-30	Water / Sewer / Trash	0	Inflation	0	0	0	0	0
166	440-4050-539.44-10	Rent	0	Inflation	0	0	0	0	0
167	440-4050-539.46-10	Repair & Maintenance	0	Repair	0	0	0	0	0
168	440-4050-539.46-20	Fleet Charges	0	Repair	0	0	0	0	0
169	440-4050-539.47-10	Printing & Binding	0	Inflation	0	0	0	0	0
170	440-4050-539.47-20	Copier	0	Inflation	0	0	0	0	0
171	440-4050-539.49-01	Cost Allocation [2]	0	Labor	0	0	0	0	0
172	440-4050-539.49-10	Other Charges/Obligations	0	Inflation	0	0	0	0	0
173	440-4050-539.49-40	PILOFF Water & Sewer [3]	0	Eliminate	0	0	0	0	0
174	440-4050-539.51-10	Office Supplies	0	Inflation	0	0	0	0	0
175	440-4050-539.52-10	Operating Supplies	0	Inflation	0	0	0	0	0
176	440-4050-539.52-20	Unleaded & Diesel	0	Fuel	0	0	0	0	0
177	440-4050-539.52-30	Uniforms	0	Inflation	0	0	0	0	0
178	440-4050-539.52-50	Chemical	0	WW-Chem	0	0	0	0	0
179	440-4050-539.54-10	Books, Pubs, Subs, & Mem	0	Inflation	0	0	0	0	0
180	440-4050-539.54-20	Educational Development	0	Inflation	0	0	0	0	0
181		Subtotal Operating Expenses	\$0		\$0	\$0	\$0	\$0	\$0
182		Total Wastewater Collections	\$0		\$0	\$0	\$0	\$0	\$0
	<b>440-4080-539</b>	<b><u>Field Operations</u></b>							
183	440-4080-539.12-10	Regular Salaries	\$294,048	Labor	\$347,238	\$364,600	\$382,830	\$401,971	\$422,070
184	AddPerFieldOps	Additional Personnel	0	Input	0	0	0	0	0
185	440-4080-539.12-20	DC ICMA	4,989	Labor	21,992	23,092	24,247	25,459	26,732
186	440-4080-539.14-10	Overtime	17,271	Labor	18,135	19,041	19,993	20,993	22,043
187	440-4080-539.15-30	Cell Phone	880	Inflation	942	989	1,012	1,036	1,061
188	440-4080-539.15-60	Boot Allowance	1,245	Inflation	1,332	1,398	1,430	1,465	1,500
189	440-4080-539.21-10	FICA Taxes	17,329	Labor	18,196	19,105	20,061	21,064	22,117
190	440-4080-539.21-20	Medicare	4,053	Labor	4,255	4,468	4,691	4,926	5,172
191	440-4080-539.22-20	DCSE	27,643	Labor	29,025	30,476	32,000	33,600	35,280
192	440-4080-539.23-10	Life Insurance	1,331	General-Ins	1,398	1,468	1,541	1,618	1,699
193	440-4080-539.23-20	Group Medical Insurance	89,849	Health-Ins	98,833	108,717	119,588	131,547	144,702
194	440-4080-539.23-21	HSA Employer Contribution	11,031	Labor	11,583	12,162	12,770	13,409	14,079
195	440-4080-539.23-22	HRA Employer Contribution	593	Labor	622	653	686	720	756
196	440-4080-539.23-30	Dental Insurance	2,511	Health-Ins	2,762	3,038	3,342	3,676	4,043
197	440-4080-539.23-40	Long Term Disability	2,382	Health-Ins	2,620	2,882	3,170	3,487	3,836
198	440-4080-539.23-60	Broker & Admin. Fees	1,454	Health-Ins	1,600	1,760	1,936	2,129	2,342
199	440-4080-539.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
200	440-4080-539.24-10	Worker's Compensation	8,747	Labor	9,184	9,643	10,125	10,632	11,163
201		Subtotal Personnel Costs	\$485,354		\$569,716	\$603,493	\$639,423	\$677,732	\$718,596

**Table 1-9**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Water System Operating Expenses**

Line No.	Cost Center Code	Description	Adjusted [1] 2022	Escalation Factor	Projected 2023	Fiscal Year Ending September 30th,			
						2024	2025	2026	2027
<b><u>Operating Expenses</u></b>									
202	440-4080-539.34-10	Other Contractual Service	\$20,630	Contractual	\$21,455	\$22,313	\$23,206	\$24,134	\$25,099
203	440-4080-539.40-10	Travel & Per Diem	2,273	Inflation	2,432	2,554	2,612	2,675	2,739
204	440-4080-539.41-10	Telephone	0	Inflation	0	0	0	0	0
205	440-4080-539.41-15	Cellular	1,031	Inflation	1,103	1,159	1,185	1,214	1,243
206	440-4080-539.41-20	Internet	729	Inflation	780	819	838	858	879
207	440-4080-539.41-40	Postage	0	Inflation	0	0	0	0	0
208	440-4080-539.44-10	Rent	593	Inflation	634	666	681	698	714
209	440-4080-539.46-10	Repair & Maintenance	20,041	Calculated	256,307	257,121	257,959	258,823	83,285
210	440-4080-539.46-20	Fleet Charges	22,832	Repair	24,087	25,171	26,052	26,964	27,908
211	440-4080-539.47-10	Printing & Binding	178	Inflation	190	200	204	209	214
212	440-4080-539.49-01	Cost Allocation [2]	81,513	Labor	85,588	89,868	94,361	99,079	104,033
213	440-4080-539.49-10	Other Charges/Obligations	4,070	Inflation	4,355	4,573	4,678	4,791	4,906
214	440-4080-539.49-40	PILOFF Water & Sewer [3]	0	Eliminate	0	0	0	0	0
215	440-4080-539.51-10	Office Supplies	296	Inflation	317	333	341	349	357
216	440-4080-539.52-10	Operating Supplies	92,161	Inflation	98,612	103,542	105,924	108,466	111,069
217	440-4080-539.52-20	Unleaded & Diesel	21,605	Fuel	24,845	27,330	29,243	31,290	33,480
218	440-4080-539.52-30	Uniforms	1,096	Inflation	1,173	1,232	1,260	1,290	1,321
219	440-4080-539.54-10	Books, Pubs, Subs, & Mem	18	Inflation	19	20	20	21	21
220	440-4080-539.54-20	Educational Development	2,546	Inflation	2,724	2,860	2,926	2,996	3,068
221		Subtotal Operating Expenses	\$271,610		\$524,623	\$539,760	\$551,491	\$563,856	\$400,337
222		Total Field Operations	\$756,964		\$1,094,339	\$1,143,253	\$1,190,914	\$1,241,588	\$1,118,933
<b>440-5555-580, 581, 589 <u>Non-Departmental [4]</u></b>									
223	440-5555-580.22-10	Retirement Contributions	\$184,958	Labor	\$194,206	\$203,916	\$214,112	\$224,818	\$236,058
224	440-5555-580.23-80	PTO Expense	0	Eliminate	0	0	0	0	0
225	440-5555-580.31-10	Professional Services	9,278	Contractual	9,649	10,035	10,436	10,854	11,288
226	440-5555-580.32-10	Accounting & Auditing	0	Eliminate	0	0	0	0	0
227	440-5555-580.34-10	Other Contractual Service	0	Contractual	0	0	0	0	0
228	440-5555-580.45-10	General Liability	8,306	General-Ins	8,722	9,158	9,616	10,096	10,601
229	440-5555-580.45-15	Property - Insurances	38,746	General-Ins	40,684	42,718	44,854	47,096	49,451
230	440-5555-580.45-20	Public Officials	6,854	Labor	7,197	7,556	7,934	8,331	8,748
231	440-5555-580.45-25	Automobile - Insurances	7,739	General-Ins	8,126	8,532	8,959	9,407	9,877
232	440-5555-580.45-35	Environmental Liability	1,821	Inflation	1,948	2,045	2,092	2,143	2,194
233	440-5555-580.46-10	Repair & Maintenance	7,500	Repair	7,913	8,269	8,558	8,857	9,168
234	440-5555-580.49-10	Other Charges/Obligations	1,195	Inflation	1,279	1,343	1,373	1,406	1,440
235	440-5555-580.49-20	Bank Charges	0	Eliminate	0	0	0	0	0
236	440-5555-580.49-30	Insurance Deductible	0	Eliminate	0	0	0	0	0
237	440-5555-580.49-50	Write Off	0	Eliminate	0	0	0	0	0
238	440-5555-580.49-60	Hurricane Charges	0	Eliminate	0	0	0	0	0
239	440-5555-580.52-10	Operating Supplies	0	Eliminate	0	0	0	0	0
240	440-5555-580.59-10	Depreciation	0	Eliminate	0	0	0	0	0
241	440-5555-580.62-10	Buildings	0	Eliminate	0	0	0	0	0
242	440-5555-580.63-10	Improvements O/T Building	0	Eliminate	0	0	0	0	0
243	440-5555-580.64-10	Machinery & Equipment	0	Eliminate	0	0	0	0	0
244	440-5555-580.64-20	Motor Vehicles	0	Eliminate	0	0	0	0	0
245	440-5555-580.71-15	JCI Meters	0	Eliminate	0	0	0	0	0
246	440-5555-580.71-24	Refunding Bond Series 09	0	Eliminate	0	0	0	0	0
247	440-5555-580.71-26	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
248	440-5555-580.71-28	BBT Cap Imp Rev Note 2014	0	Eliminate	0	0	0	0	0
249	440-5555-580.71-29	St Rev Fund-WWTP R&R 2013	0	Eliminate	0	0	0	0	0
250	440-5555-580.71-38	BBT W&S Ref Rev Bnd 2016	0	Eliminate	0	0	0	0	0
251	440-5555-580.72-13	BOA Obligation #265	0	Eliminate	0	0	0	0	0
252	440-5555-580.71-40	Veh Lse 2016 Amer Cap Svc	0	Eliminate	0	0	0	0	0
253	440-5555-580.71-42	SRF 640530 Recl X Design	0	Eliminate	0	0	0	0	0
254	440-5555-580.71-43	State Revolving Fund 640531	0	Eliminate	0	0	0	0	0
255	440-5555-580.72-15	JCI Meters	0	Eliminate	0	0	0	0	0
256	440-5555-580.72-20	State Revolving Fund	0	Eliminate	0	0	0	0	0
257	440-5555-580.72-24	Refunding Bond Series 09	0	Eliminate	0	0	0	0	0
258	440-5555-580.72-26	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
259	440-5555-580.72-28	BBT Cap Imp Rev Note 2014	0	Eliminate	0	0	0	0	0
260	440-5555-580.72-29	St Rev Fund-WWTP R&R 2013	0	Eliminate	0	0	0	0	0
261	440-5555-580.72-38	BBT W&S Ref Rev Bnd 2016	0	Eliminate	0	0	0	0	0
262	440-5555-580.72-40	Veh Lse 2016 Amer Cap Svc	0	Eliminate	0	0	0	0	0
263	440-5555-580.72-42	SRF 640530 Recl X Design	0	Eliminate	0	0	0	0	0
264	440-5555-580.72-43	State Revolving Fund 640531	0	Eliminate	0	0	0	0	0
265	440-5555-580.73-11	2013 SunTrust JCI	0	Eliminate	0	0	0	0	0
266	440-5555-580.73-21	Bond Issuance Cost - SRF	0	Eliminate	0	0	0	0	0
267	440-5555-580.73-41	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
268	440-5555-580.73-42	Cap Imp Rev Note Srs 2014	0	Eliminate	0	0	0	0	0
269	440-5555-580.73-43	10M UT SYS Refunding Revenue Note 2016	0	Eliminate	0	0	0	0	0
270	440-5555-581.03-31	Capital Fund	0	Eliminate	0	0	0	0	0
271	440-5555-581.04-44	Renewal And Replacement	0	Eliminate	0	0	0	0	0
272	440-5555-581.04-45	Wtr/Swr Rate Stabilization	0	Eliminate	0	0	0	0	0
273	440-5555-581.04-50	Public Works Complex - Debt Service	0	Eliminate	0	0	0	0	0

**Table 1-9**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Water System Operating Expenses**

Line No.	Cost Center Code	Description	Adjusted [1] 2022	Escalation Factor	Projected 2023	Fiscal Year Ending September 30th,			
						2024	2025	2026	2027
274	440-5555-581.05-01	MIS	0	Eliminate	0	0	0	0	0
275	440-5555-589.50-50	Stabilization - Estimated Savings	0	Eliminate	0	0	0	0	0
276	440-5555-581.10-01	General Fund	0	Eliminate	0	0	0	0	0
277	440-5555-589.10-01	Current Year Unreserved	0	Eliminate	0	0	0	0	0
278		Total Non-Departmental	<u>\$266,397</u>		<u>\$279,721</u>	<u>\$293,571</u>	<u>\$307,934</u>	<u>\$323,008</u>	<u>\$338,825</u>
<b><u>Other Adjustments</u></b>									
279	Contingency	Contingency - 1.00% of O&M [5]	\$36,295	Input	\$40,785	\$42,885	\$44,992	\$47,210	\$47,791
280	BadDebt	Bad Debt Expense - 0.25% of Rate Revs. [6]	14,654	Input	14,949	15,571	16,230	16,889	17,575
281	Other	Other Adjustments	0	W-Op	0	0	0	0	0
282		Total Other Adjustments	<u>\$50,949</u>		<u>\$55,734</u>	<u>\$58,455</u>	<u>\$61,223</u>	<u>\$64,100</u>	<u>\$65,365</u>
283		<b>Grand Total Operating Budget</b>	<u><u>\$3,680,458</u></u>		<u><u>\$4,134,225</u></u>	<u><u>\$4,346,917</u></u>	<u><u>\$4,560,434</u></u>	<u><u>\$4,785,125</u></u>	<u><u>\$4,844,441</u></u>

**Footnotes:**

- [1] Fiscal Year 2022 amounts shown based on Table 1-7.  
[2] Budgeted amounts for the "Cost Allocation" line are to reimburse the General Fund for services that benefit the Utility.  
[3] Budgeted amounts for the PILOFF are transferred to the General Fund and are therefore excluded from the Cost of Operation and Maintenance for coverage purposes. These items have been adjusted from the budget and are accounted for in the summary of Revenue Requirements later in the rate model.  
[4] Amounts are adjusted from budget as shown herein since such capital outlay expenses and debt service payments are reflected in the Capital Improvements Plan or the Revenue Requirements part of the rate model.  
[5] A contingency of 1.00% of O&M was added to allow for unforeseen contingencies.  
[6] An allowance for bad debt expense of 0.25% of rate was recognized to account for uncollectible revenues.

**Table 1-10**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Wastewater System Operating Expenses**

Line No.	Cost Center Code	Description	Adjusted [1] 2022	Escalation Factor	Projected 2023	Fiscal Year Ending September 30th,			
						2024	2025	2026	2027
<b>440-4010-539 Administration Department</b>									
1	440-4010-539.12-10	Regular Salaries	\$183,356	Labor	\$158,310	\$166,226	\$174,537	\$183,264	\$192,427
2	AddPerAdmin	Additional Personnel	0	Input	0	0	0	0	0
3	440-4010-539.14-10	Overtime	24	Labor	295	309	325	341	358
4	440-4010-539.15-30	Cell Phone	1,246	Inflation	1,334	1,400	1,432	1,467	1,502
5	440-4010-539.15-60	Boot Allowance	85	Inflation	91	95	98	100	102
6	440-4010-539.21-10	FICA Taxes	10,470	Labor	10,993	11,543	12,120	12,726	13,362
7	440-4010-539.21-20	Medicare	2,448	Labor	2,571	2,699	2,834	2,976	3,125
8	440-4010-539.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
9	440-4010-539.22-20	DCSE	20,433	Labor	21,455	22,527	23,654	24,836	26,078
10	440-4010-539.23-10	Life Insurance	781	General-Ins	820	861	904	949	996
11	440-4010-539.23-20	Group Medical Insurance	39,321	Health-Ins	43,253	47,578	52,336	57,570	63,327
12	440-4010-539.23-21	HSA Employer Contribution	1,562	Labor	1,641	1,723	1,809	1,899	1,994
13	440-4010-539.23-22	HRA Employer Contribution	567	Labor	595	625	656	689	723
14	440-4010-539.23-30	Dental Insurance	1,471	Health-Ins	1,618	1,780	1,958	2,154	2,369
15	440-4010-539.23-40	Long Term Disability	1,398	Health-Ins	1,537	1,691	1,860	2,046	2,251
16	440-4010-539.23-60	Broker & Admin. Fees	1,067	Health-Ins	1,174	1,291	1,421	1,563	1,719
17	440-4010-539.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
18	440-4010-539.24-10	Worker's Compensation	272	Labor	286	300	315	331	348
19		Subtotal Personnel Expenses	\$264,501		\$245,972	\$260,649	\$276,258	\$292,910	\$310,682
<b>Operating Expenses</b>									
20	440-4010-539.31-10	Professional Services	\$28,325	Eliminate	\$0	\$0	\$0	\$0	\$0
20	440-4010-539.34-10	Other Contractual Service	2,393	Contractual	2,489	2,588	2,692	2,799	2,911
21	440-4010-539.40-10	Travel & Per Diem	2,323	Inflation	2,485	2,610	2,670	2,734	2,799
22	440-4010-539.41-10	Telephone	245	Inflation	262	276	282	289	296
23	440-4010-539.41-20	Internet	2,124	Inflation	2,273	2,387	2,442	2,500	2,560
24	440-4010-539.41-40	Postage	0	Inflation	0	0	0	0	0
25	440-4010-539.43-10	Electric	1,049	Electricity	1,123	1,156	1,191	1,227	1,264
26	440-4010-539.46-10	Repair & Maintenance	1,275	Repair	1,345	1,405	1,454	1,505	1,558
27	440-4010-539.46-20	Fleet Charges	749	Repair	790	826	855	884	915
28	440-4010-539.47-20	Copier	3,342	Inflation	3,576	3,755	3,842	3,934	4,028
29	440-4010-539.49-01	Cost Allocation [2]	400,858	Labor	420,901	441,946	464,043	487,245	511,607
30	440-4010-539.49-10	Other Charges/Obligations	113	Inflation	121	127	130	133	137
31	440-4010-539.49-40	PILOFF Water & Sewer [3]	0	Eliminate	0	0	0	0	0
32	440-4010-539.51-10	Office Supplies	850	Inflation	909	955	977	1,000	1,024
33	440-4010-539.52-10	Operating Supplies	1,983	Inflation	2,122	2,228	2,279	2,334	2,390
34	440-4010-539.52-20	Unleaded & Diesel	459	Fuel	528	581	622	665	712
35	440-4010-539.52-30	Uniforms	736	Inflation	788	827	846	867	888
36	440-4010-539.54-10	Books, Pubs, Subs, & Mem	4,967	Inflation	5,314	5,580	5,708	5,845	5,986
37	440-4010-539.54-20	Educational Development	2,238	Inflation	2,394	2,514	2,572	2,634	2,697
38		Subtotal Operating Expenses	\$454,030		\$447,421	\$469,761	\$492,604	\$516,596	\$541,771
39		Total Administration Department	\$718,531		\$693,393	\$730,410	\$768,862	\$809,506	\$852,453
<b>440-4030-533 Water Department</b>									
40	440-4030-533.12-10	Regular Salaries	\$0	Labor	\$0	\$0	\$0	\$0	\$0
41	AddPerWater	Additional Personnel	0	Input	0	0	0	0	0
42	440-4030-533.12-20	DC ICMA	0	Labor	0	0	0	0	0
43	440-4030-533.14-10	Overtime	0	Labor	0	0	0	0	0
44	440-4030-533.15-30	Cell Phone	0	Inflation	0	0	0	0	0
45	440-4030-533.15-60	Boot Allowance	0	Inflation	0	0	0	0	0
46	440-4030-533.21-10	FICA Taxes	0	Labor	0	0	0	0	0
47	440-4030-533.21-20	Medicare	0	Labor	0	0	0	0	0
48	440-4030-533.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
49	440-4030-533.22-20	DCSE	0	Labor	0	0	0	0	0
50	440-4030-533.23-10	Life Insurance	0	General-Ins	0	0	0	0	0
51	440-4030-533.23-20	Group Medical Insurance	0	Health-Ins	0	0	0	0	0
52	440-4030-533.23-21	HSA Employer Contribution	0	Labor	0	0	0	0	0
53	440-4030-533.23-22	HRA Employer Contribution	0	Labor	0	0	0	0	0
54	440-4030-533.23-30	Dental Insurance	0	Health-Ins	0	0	0	0	0
55	440-4030-533.23-40	Long Term Disability	0	Health-Ins	0	0	0	0	0
56	440-4030-533.23-60	Broker & Admin. Fees	0	Health-Ins	0	0	0	0	0
57	440-4030-533.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
58	440-4030-533.24-10	Worker's Compensation	0	Labor	0	0	0	0	0
59		Subtotal Personnel Expenses	\$0		\$0	\$0	\$0	\$0	\$0
<b>Operating Expenses</b>									
60	440-4030-533.31-10	Professional Services	\$0	Contractual	\$0	\$0	\$0	\$0	\$0
61	440-4030-533.34-10	Other Contractual Service	0	Contractual	0	0	0	0	0
62	440-4030-533.35-20	Uniform Reimbursement	0	Inflation	0	0	0	0	0
63	440-4030-533.40-10	Travel & Per Diem	0	Inflation	0	0	0	0	0
64	440-4030-533.41-10	Telephone	0	Inflation	0	0	0	0	0
65	440-4030-533.41-11	Cell Phone	0	Inflation	0	0	0	0	0

**Table 1-10**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Wastewater System Operating Expenses**

Line No.	Cost Center Code	Description	Adjusted [1] 2022	Escalation Factor	Projected 2023	Fiscal Year Ending September 30th,			
						2024	2025	2026	2027
66	440-4030-533.41-15	Cellular	0	Inflation	0	0	0	0	0
67	440-4030-533.41-20	Internet	0	Inflation	0	0	0	0	0
68	440-4030-533.41-30	Legal Ads	0	Inflation	0	0	0	0	0
69	440-4030-533.41-40	Postage	0	Inflation	0	0	0	0	0
70	440-4030-533.43-10	Electric	0	W-Elec	0	0	0	0	0
71	440-4030-533.44-10	Rent	0	Inflation	0	0	0	0	0
72	440-4030-533.46-10	Repair & Maintenance	0	Repair	0	0	0	0	0
73	440-4030-533.46-20	Fleet Charges	0	Repair	0	0	0	0	0
74	440-4030-533.47-10	Printing & Binding	0	Inflation	0	0	0	0	0
75	440-4030-533.47-20	Copier	0	Inflation	0	0	0	0	0
76	440-4030-533.48-10	Promotional Activities	0	Inflation	0	0	0	0	0
77	440-4030-533.49-01	Cost Allocation [2]	0	Labor	0	0	0	0	0
78	440-4030-533.49-10	Other Charges/Obligations	0	Inflation	0	0	0	0	0
79	440-4030-533.49-40	PILOFF Water & Sewer [3]	0	Eliminate	0	0	0	0	0
80	440-4030-533.51-10	Office Supplies	0	Inflation	0	0	0	0	0
81	440-4030-533.52-10	Operating Supplies	0	Inflation	0	0	0	0	0
82	440-4030-533.52-20	Unleaded & Diesel	0	Fuel	0	0	0	0	0
83	440-4030-533.52-25	Bulk Fuel	0	Fuel	0	0	0	0	0
84	440-4030-533.52-30	Uniforms	0	Inflation	0	0	0	0	0
85	440-4030-533.52-50	Chemical	0	W-Chem	0	0	0	0	0
86	440-4030-533.54-10	Books, Pubs, Subs, & Mem	0	Inflation	0	0	0	0	0
87	440-4030-533.54-20	Educational Development	0	Inflation	0	0	0	0	0
88		Subtotal Operating Expenses	\$0		\$0	\$0	\$0	\$0	\$0
89		Total Water Department	\$0		\$0	\$0	\$0	\$0	\$0
	<b>440-4040-535</b>	<b><u>Wastewater Department</u></b>							
90	440-4040-535.12-10	Regular Salaries	\$699,471	Labor	\$787,549	\$826,926	\$868,273	\$911,686	\$957,271
91	440-4040-535.13-10	Additional Personnel	0	Input	0	0	0	0	0
92	440-4040-535.13-10	Other Salaries	0	Labor	0	0	0	0	0
93	440-4040-535.14-10	Overtime	57,356	Labor	52,998	55,648	58,430	61,352	64,419
94	440-4040-535.15-30	Cell Phone	1,881	Inflation	2,013	2,113	2,162	2,214	2,267
95	440-4040-535.15-40	Insurance Payback	0	Health-Ins	0	0	0	0	0
96	440-4040-535.15-60	Boot Allowance	1,800	Inflation	1,926	2,022	2,069	2,118	2,169
97	440-4040-535.21-10	FICA Taxes	39,324	Labor	41,290	43,355	45,522	47,799	50,188
98	440-4040-535.21-20	Medicare	9,197	Labor	9,657	10,140	10,647	11,179	11,738
99	440-4040-535.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
100	440-4040-535.22-20	DCSE	77,171	Inflation	82,573	86,702	88,696	90,824	93,004
101	440-4040-535.23-10	Life Insurance	2,964	General-Ins	3,112	3,268	3,431	3,603	3,783
102	440-4040-535.23-20	Group Medical Insurance	137,208	Health-Ins	150,929	166,022	182,624	200,886	220,975
103	440-4040-535.23-21	HSA Employer Contribution	5,063	Labor	5,316	5,582	5,861	6,154	6,462
104	440-4040-535.23-22	HRA Employer Contribution	2,000	Labor	2,100	2,205	2,315	2,431	2,553
105	440-4040-535.23-30	Dental Insurance	4,482	Health-Ins	4,930	5,423	5,966	6,562	7,218
106	440-4040-535.23-40	Long Term Disability	5,303	Health-Ins	5,833	6,417	7,058	7,764	8,541
107	440-4040-535.23-60	Broker & Admin. Fees	3,505	Health-Ins	3,856	4,241	4,665	5,132	5,645
108	440-4040-535.23-90	OPEB	0	Marginal	0	0	0	0	0
109	440-4040-535.24-10	Worker's Compensation	15,944	Labor	16,741	17,578	18,457	19,380	20,349
110		Subtotal Personnel Expenses	\$1,062,669		\$1,170,823	\$1,237,642	\$1,306,176	\$1,379,085	\$1,456,582
		<u>Operating Expenses</u>							
111	440-4040-535.31-10	Professional Services	55,000	Contractual	\$28,521	29,662	30,848	32,082	33,366
112	440-4040-535.34-10	Other Contractual Service	269,917	Contractual	280,714	291,942	303,620	315,765	328,395
113	440-4040-535.40-10	Travel & Per Diem	2,800	Inflation	2,996	3,146	3,218	3,295	3,374
114	440-4040-535.41-10	Telephone	0	Inflation	0	0	0	0	0
115	440-4040-535.41-15	Cellular	3	Inflation	3	3	3	4	4
116	440-4040-535.41-20	Internet	1,125	Inflation	1,204	1,264	1,293	1,324	1,356
117	440-4040-535.41-30	Legal Ads	0	Inflation	0	0	0	0	0
118	440-4040-535.41-40	Postage	13,000	Inflation	13,910	14,606	14,941	15,300	15,667
119	440-4040-535.43-10	Electric	158,584	WW-Elec	172,793	180,398	187,499	194,450	201,649
120	440-4040-535.43-30	Water / Sewer / Trash	17,730	Inflation	18,971	19,920	20,378	20,867	21,368
121	440-4040-535.44-10	Rent	8,000	Inflation	8,560	8,988	9,195	9,415	9,641
122	440-4040-535.46-10	Repair & Maintenance	220,730	Repair	151,381	158,193	163,730	169,460	175,392
123	440-4040-535.46-20	Fleet Charges	4,315	Repair	4,552	4,757	4,924	5,096	5,274
124	440-4040-535.47-10	Printing & Binding	0	Inflation	0	0	0	0	0
125	440-4040-535.47-20	Copier	1,400	Inflation	1,498	1,573	1,609	1,648	1,687
126	440-4040-535.48-10	Promotional Activities	1,775	Inflation	1,899	1,994	2,040	2,089	2,139
127	440-4040-535.49-01	Cost Allocation [2]	164,184	Labor	172,393	181,013	190,064	199,567	209,545
128	440-4040-535.49-10	Other Charges/Obligations	6,400	Inflation	6,848	7,190	7,356	7,532	7,713
129	440-4040-535.49-40	PILOFF Water & Sewer [3]	0	Eliminate	0	0	0	0	0
130	440-4040-535.51-10	Office Supplies	1,000	Inflation	1,070	1,124	1,149	1,177	1,205
131	440-4040-535.52-10	Operating Supplies	54,750	Inflation	58,583	61,512	62,926	64,437	65,983
132	440-4040-535.52-20	Unleaded & Diesel	2,903	Fuel	3,338	3,672	3,929	4,204	4,499
133	440-4040-535.52-25	Bulk Fuel	3,500	Fuel	4,025	4,428	4,737	5,069	5,424
134	440-4040-535.52-30	Uniforms	2,425	Inflation	2,595	2,724	2,787	2,854	2,923
135	440-4040-535.52-50	Chemical	164,991	WW-Chem	176,414	187,755	198,934	210,315	222,336
136	440-4040-535.54-10	Books, Pubs, Subs, & Mem	300	Inflation	321	337	345	353	362



**Table 1-10**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Wastewater System Operating Expenses**

Line No.	Cost Center Code	Description	Adjusted [1] 2022	Escalation Factor	Projected 2023	Fiscal Year Ending September 30th,			
						2024	2025	2026	2027
137	440-4040-535.54-20	Educational Development	5,200	Inflation	5,564	5,842	5,977	6,120	6,267
138		Subtotal Operating Expenses	\$1,160,032		\$1,118,154	\$1,172,042	\$1,221,503	\$1,272,423	\$1,325,568
139		Total Wastewater Department	\$2,222,701		\$2,288,977	\$2,409,684	\$2,527,680	\$2,651,508	\$2,782,150
	<b>440-4050-539</b>	<b>Wastewater Collections</b>							
140	440-4050-539.12-10	Regular Salaries	\$232,930	Labor	\$275,371	\$289,140	\$303,597	\$318,776	\$334,715
141	AddPerCollections	Additional Personnel	0	Input	0	0	0	0	0
142	440-4050-539.14-10	Overtime	22,006	Labor	31,803	33,393	35,063	36,816	38,657
143	440-4050-539.15-30	Cell Phone	800	Inflation	856	899	919	942	964
144	440-4050-539.15-60	Boot Allowance	750	Inflation	803	843	862	883	904
145	440-4050-539.21-10	FICA Taxes	14,045	Labor	14,747	15,485	16,259	17,072	17,925
146	440-4050-539.21-20	Medicare	3,285	Labor	3,449	3,622	3,803	3,993	4,193
147	440-4050-539.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
148	440-4050-539.22-20	DCSE	27,412	Labor	28,783	30,222	31,733	33,319	34,985
149	440-4050-539.23-10	Life Insurance	1,053	General-Ins	1,106	1,161	1,219	1,280	1,344
150	440-4050-539.23-20	Group Medical Insurance	60,781	Health-Ins	66,859	73,545	80,900	88,989	97,888
151	440-4050-539.23-21	HRA Employer Contribution	8,250	Labor	8,663	9,096	9,550	10,028	10,529
152	440-4050-539.23-22	HRA Employer Contribution	250	Labor	263	276	289	304	319
153	440-4050-539.23-30	Dental Insurance	1,561	Health-Ins	1,717	1,889	2,078	2,285	2,514
154	440-4050-539.23-40	Long Term Disability	1,884	Health-Ins	2,072	2,280	2,508	2,758	3,034
155	440-4050-539.23-60	Broker & Admin. Fees	893	Health-Ins	982	1,081	1,189	1,307	1,438
156	440-4050-539.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
157	440-4050-539.24-10	Worker's Compensation	5,482	Labor	5,756	6,044	6,346	6,663	6,997
158		Subtotal Personnel Expenses	\$381,382		\$443,229	\$468,972	\$496,314	\$525,417	\$556,407
		<u>Operating Expenses</u>							
159	440-4050-539.34-10	Other Contractual Service	213	Contractual	\$222	230	240	249	259
160	440-4050-539.40-10	Travel & Per Diem	1,400	Inflation	1,498	1,573	1,609	1,648	1,687
161	440-4050-539.41-10	Telephone	220	Inflation	235	247	253	259	265
162	440-4050-539.41-15	Cellular	494	Inflation	529	555	568	581	595
163	440-4050-539.41-20	Internet	430	Inflation	460	483	494	506	518
164	440-4050-539.43-10	Electric	56,622	WW-Elec	61,695	64,411	66,946	69,428	71,998
165	440-4050-539.43-30	Water / Sewer / Trash	1,292	Inflation	1,382	1,452	1,485	1,521	1,557
166	440-4050-539.44-10	Rent	500	Inflation	535	562	575	588	603
167	440-4050-539.46-10	Repair & Maintenance	118,500	Repair	83,008	86,743	89,779	92,922	96,174
168	440-4050-539.46-20	Fleet Charges	33,435	Repair	35,274	36,861	38,151	39,487	40,869
169	440-4050-539.47-10	Printing & Binding	0	Inflation	0	0	0	0	0
170	440-4050-539.47-20	Copier	2,200	Inflation	2,354	2,472	2,529	2,589	2,651
171	440-4050-539.49-01	Cost Allocation [2]	70,321	Labor	73,837	77,529	81,405	85,476	89,749
172	440-4050-539.49-10	Other Charges/Obligations	2,050	Inflation	2,194	2,303	2,356	2,413	2,471
173	440-4050-539.49-40	PILOFF Water & Sewer [3]	0	Eliminate	0	0	0	0	0
174	440-4050-539.51-10	Office Supplies	500	Inflation	535	562	575	588	603
175	440-4050-539.52-10	Operating Supplies	24,750	Inflation	26,483	27,807	28,446	29,129	29,828
176	440-4050-539.52-20	Unleaded & Diesel	15,007	Fuel	17,258	18,984	20,313	21,735	23,256
177	440-4050-539.52-30	Uniforms	980	Inflation	1,049	1,101	1,126	1,153	1,181
178	440-4050-539.52-50	Chemical	25,000	WW-Chem	26,731	28,449	30,143	31,868	33,689
179	440-4050-539.54-10	Books, Pubs, Subs, & Mem	0	Inflation	0	0	0	0	0
180	440-4050-539.54-20	Educational Development	1,540	Inflation	1,648	1,730	1,770	1,812	1,856
181		Subtotal Operating Expenses	\$355,454		\$336,926	\$354,053	\$368,763	\$383,951	\$399,809
182		Total Wastewater Collections	\$736,836		\$780,155	\$823,026	\$865,077	\$909,368	\$956,216
	<b>440-4080-539</b>	<b>Field Operations</b>							
183	440-4080-539.12-10	Regular Salaries	\$202,091	Labor	\$238,647	\$250,579	\$263,108	\$276,264	\$290,077
184	AddPerFieldOps	Additional Personnel	0	Input	0	0	0	0	0
185	440-4080-539.12-20	DC ICMA	3,428	Labor	15,115	15,870	16,664	17,497	18,372
186	440-4080-539.14-10	Overtime	11,870	Labor	12,463	13,087	13,741	14,428	15,149
187	440-4080-539.15-30	Cell Phone	605	Inflation	647	680	695	712	729
188	440-4080-539.15-60	Boot Allowance	855	Inflation	915	961	983	1,007	1,031
189	440-4080-539.21-10	FICA Taxes	11,910	Labor	12,505	13,131	13,787	14,476	15,200
190	440-4080-539.21-20	Medicare	2,785	Labor	2,925	3,071	3,224	3,386	3,555
191	440-4080-539.22-20	DCSE	18,998	Labor	19,948	20,945	21,993	23,092	24,247
192	440-4080-539.23-10	Life Insurance	915	General-Ins	961	1,009	1,059	1,112	1,168
193	440-4080-539.23-20	Group Medical Insurance	61,750	Health-Ins	67,926	74,718	82,190	90,409	99,450
194	440-4080-539.23-21	HSA Employer Contribution	7,582	Labor	7,961	8,359	8,777	9,215	9,676
195	440-4080-539.23-22	HRA Employer Contribution	407	Labor	428	449	472	495	520
196	440-4080-539.23-30	Dental Insurance	1,725	Health-Ins	1,898	2,088	2,297	2,526	2,779
197	440-4080-539.23-40	Long Term Disability	1,637	Health-Ins	1,801	1,981	2,179	2,397	2,636
198	440-4080-539.23-60	Broker & Admin. Fees	1,000	Health-Ins	1,100	1,209	1,330	1,463	1,610
199	440-4080-539.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
200	440-4080-539.24-10	Worker's Compensation	6,011	Labor	6,312	6,628	6,959	7,307	7,672
201		Subtotal Personnel Costs	\$333,571		\$391,550	\$414,764	\$439,458	\$465,787	\$493,871

**Table 1-10**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Wastewater System Operating Expenses**

Line No.	Cost Center Code	Description	Adjusted [1] 2022	Escalation Factor	Projected 2023	Fiscal Year Ending September 30th,			
						2024	2025	2026	2027
<b><u>Operating Expenses</u></b>									
202	440-4080-539.34-10	Other Contractual Service	14,178	Contractual	\$14,745	15,335	15,949	16,587	17,250
203	440-4080-539.40-10	Travel & Per Diem	1,562	Inflation	1,671	1,755	1,795	1,838	1,883
204	440-4080-539.41-10	Telephone	0	Inflation	0	0	0	0	0
205	440-4080-539.41-15	Cellular	709	Inflation	758	796	815	834	854
206	440-4080-539.41-20	Internet	501	Inflation	536	563	576	590	604
207	440-4080-539.41-40	Postage	0	Inflation	0	0	0	0	0
208	440-4080-539.46-10	Rent	407	Inflation	436	458	468	479	491
209	440-4080-539.46-10	Repair & Maintenance	18,459	Calculated	236,087	236,837	237,609	238,404	76,715
210	440-4080-539.46-20	Fleet Charges	15,691	Repair	16,555	17,299	17,905	18,532	19,180
211	440-4080-539.47-10	Printing & Binding	122	Inflation	131	137	140	144	147
212	440-4080-539.49-01	Cost Allocation [2]	56,021	Labor	58,822	61,764	64,852	68,094	71,499
213	440-4080-539.49-10	Other Charges/Obligations	2,798	Inflation	2,993	3,143	3,215	3,292	3,371
214	440-4080-539.49-40	PILOFF Water & Sewer [3]	0	Eliminate	0	0	0	0	0
215	440-4080-539.51-10	Office Supplies	204	Inflation	218	229	234	240	245
216	440-4080-539.52-10	Operating Supplies	63,339	Inflation	67,773	71,162	72,799	74,546	76,335
217	440-4080-539.52-20	Unleaded & Diesel	14,848	Fuel	17,076	18,783	20,098	21,505	23,010
218	440-4080-539.52-30	Uniforms	754	Inflation	806	847	866	887	908
219	440-4080-539.54-10	Books, Pubs, Subs, & Mem	12	Inflation	13	14	14	14	15
220	440-4080-539.54-20	Educational Development	1,749	Inflation	1,872	1,966	2,011	2,059	2,108
221		Subtotal Operating Expenses	\$191,356		\$420,493	\$431,087	\$439,345	\$448,045	\$294,616
222		Total Field Operations	\$524,927		\$812,044	\$845,851	\$878,803	\$913,832	\$788,487
<b>440-5555-580, 581, 589 <u>Non-Departmental [4]</u></b>									
223	440-5555-580.22-10	Retirement Contributions	\$184,958	Labor	\$194,206	\$203,916	\$214,112	\$224,818	\$236,058
224	440-5555-580.23-80	PTO Expense	0	Eliminate	0	0	0	0	0
225	440-5555-580.31-10	Professional Services	11,381	Contractual	11,837	12,310	12,802	13,315	13,847
226	440-5555-580.32-10	Accounting & Auditing	0	Eliminate	0	0	0	0	0
227	440-5555-580.34-10	Other Contractual Service	0	Contractual	0	0	0	0	0
228	440-5555-580.45-10	General Liability	11,471	General-Ins	12,044	12,646	13,279	13,943	14,640
229	440-5555-580.45-15	Property - Insurances	53,507	General-Ins	56,182	58,991	61,941	65,038	68,290
230	440-5555-580.45-20	Public Officials	8,408	Labor	8,828	9,270	9,733	10,220	10,731
231	440-5555-580.45-25	Automobile - Insurances	10,687	General-Ins	11,221	11,783	12,372	12,990	13,640
232	440-5555-580.45-35	Environmental Liability	1,821	Inflation	1,948	2,045	2,092	2,143	2,194
233	440-5555-580.46-10	Repair & Maintenance	7,500	Repair	7,913	8,269	8,558	8,857	9,168
234	440-5555-580.49-10	Other Charges/Obligations	1,195	Inflation	1,279	1,343	1,373	1,406	1,440
235	440-5555-580.49-20	Bank Charges	0	Eliminate	0	0	0	0	0
236	440-5555-580.49-30	Insurance Deductible	0	Eliminate	0	0	0	0	0
237	440-5555-580.49-50	Write Off	0	Eliminate	0	0	0	0	0
238	440-5555-580.49-60	Hurricane Charges	0	Eliminate	0	0	0	0	0
239	440-5555-580.52-10	Operating Supplies	0	Eliminate	0	0	0	0	0
240	440-5555-580.59-10	Depreciation	0	Eliminate	0	0	0	0	0
241	440-5555-580.62-10	Buildings	0	Eliminate	0	0	0	0	0
242	440-5555-580.63-10	Improvements O/T Building	0	Eliminate	0	0	0	0	0
243	440-5555-580.64-10	Machinery & Equipment	0	Eliminate	0	0	0	0	0
244	440-5555-580.64-20	Motor Vehicles	0	Eliminate	0	0	0	0	0
245	440-5555-580.71-15	JCI Meters	0	Eliminate	0	0	0	0	0
246	440-5555-580.71-24	Refunding Bond Series 09	0	Eliminate	0	0	0	0	0
247	440-5555-580.71-26	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
248	440-5555-580.71-28	BBT Cap Imp Rev Note 2014	0	Eliminate	0	0	0	0	0
249	440-5555-580.71-29	St Rev Fund-WWTP R&R 2013	0	Eliminate	0	0	0	0	0
250	440-5555-580.71-38	BBT W&S Ref Rev Bnd 2016	0	Eliminate	0	0	0	0	0
251	440-5555-580.72-13	BOA Obligation #265	0	Eliminate	0	0	0	0	0
252	440-5555-580.71-40	Veh Lse 2016 Amer Cap Svc	0	Eliminate	0	0	0	0	0
253	440-5555-580.71-42	SRF 640530 Recl X Design	0	Eliminate	0	0	0	0	0
254	440-5555-580.71-43	State Revolving Fund 640531	0	Eliminate	0	0	0	0	0
255	440-5555-580.72-15	JCI Meters	0	Eliminate	0	0	0	0	0
256	440-5555-580.72-20	State Revolving Fund	0	Eliminate	0	0	0	0	0
257	440-5555-580.72-24	Refunding Bond Series 09	0	Eliminate	0	0	0	0	0
258	440-5555-580.72-26	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
259	440-5555-580.72-28	BBT Cap Imp Rev Note 2014	0	Eliminate	0	0	0	0	0
260	440-5555-580.72-29	St Rev Fund-WWTP R&R 2013	0	Eliminate	0	0	0	0	0
261	440-5555-580.72-38	BBT W&S Ref Rev Bnd 2016	0	Eliminate	0	0	0	0	0
262	440-5555-580.72-40	Veh Lse 2016 Amer Cap Svc	0	Eliminate	0	0	0	0	0
263	440-5555-580.72-42	SRF 640530 Recl X Design	0	Eliminate	0	0	0	0	0
264	440-5555-580.72-43	State Revolving Fund 640531	0	Eliminate	0	0	0	0	0
265	440-5555-580.73-11	2013 SunTrust JCI	0	Eliminate	0	0	0	0	0
266	440-5555-580.73-21	Bond Issuance Cost - SRF	0	Eliminate	0	0	0	0	0
267	440-5555-580.73-41	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
268	440-5555-580.73-42	Cap Imp Rev Note Srs 2014	0	Eliminate	0	0	0	0	0
269	440-5555-580.73-43	10M UT SYS Refunding Revenue Note 2016	0	Eliminate	0	0	0	0	0
270	440-5555-581.03-31	Capital Fund	0	Eliminate	0	0	0	0	0
271	440-5555-581.04-44	Renewal And Replacement	0	Eliminate	0	0	0	0	0
272	440-5555-581.04-45	Wtr/Swr Rate Stabilization	0	Eliminate	0	0	0	0	0
273	440-5555-581.04-50	Public Works Complex - Debt Service	0	Eliminate	0	0	0	0	0

**Table 1-10**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Wastewater System Operating Expenses**

Line No.	Cost Center Code	Description	Adjusted [1] 2022	Escalation Factor	Projected 2023	Fiscal Year Ending September 30th,			
						2024	2025	2026	2027
274	440-5555-581.05-01	MIS	0	Eliminate	0	0	0	0	0
275	440-5555-589.50-50	Stabilization - Estimated Savings	0	Eliminate	0	0	0	0	0
276	440-5555-581.10-01	General Fund	0	Eliminate	0	0	0	0	0
277	440-5555-589.10-01	Current Year Unreserved	0	Eliminate	0	0	0	0	0
278		Total Non-Departmental	<u>\$290,927</u>		<u>\$305,458</u>	<u>\$320,573</u>	<u>\$336,263</u>	<u>\$352,729</u>	<u>\$370,008</u>
		<b><u>Other Adjustments</u></b>							
279	Contingency	Contingency - 1.00% of O&M [5]	\$44,939	Input	\$48,800	\$51,295	\$53,767	\$56,369	\$57,493
280	BadDebt	Bad Debt Expense - 0.25% of Rate Revs. [6]	18,132	Input	18,454	19,319	20,138	20,948	21,790
281	Other	Other Adjustments	0	WW-Op	0	0	0	0	0
282		Total Other Adjustments	<u>\$63,071</u>		<u>\$67,255</u>	<u>\$70,614</u>	<u>\$73,905</u>	<u>\$77,317</u>	<u>\$79,283</u>
283		<b>Grand Total Operating Budget</b>	<u><u>\$4,556,994</u></u>		<u><u>\$4,947,280</u></u>	<u><u>\$5,200,157</u></u>	<u><u>\$5,450,589</u></u>	<u><u>\$5,714,260</u></u>	<u><u>\$5,828,598</u></u>

**Footnotes:**

- [1] Fiscal Year 2022 amounts shown based on Table 1-7.  
[2] Budgeted amounts for the "Cost Allocation" line are to reimburse the General Fund for services that benefit the Utility.  
[3] Budgeted amounts for the PILOFF are transferred to the General Fund and are therefore excluded from the Cost of Operation and Maintenance for coverage purposes. These items have been adjusted from the budget and are accounted for in the summary of Revenue Requirements later in the rate model.  
[4] Amounts are adjusted from budget as shown herein since such capital outlay expenses and debt service payments are reflected in the Capital Improvements Plan or the Revenue Requirements part of the rate model.  
[5] A contingency of 1.00% of O&M was added to allow for unforeseen contingencies.  
[6] An allowance for bad debt expense of 0.25% of rate was recognized to account for uncollectible revenues.

**Table 1-11**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Combined Water and Wastewater System Operating Expenses**

Line No.	Cost Center Code	Description	Adjusted [1] 2022	Escalation Factor	Projected 2023	Fiscal Year Ending September 30th,			
						2024	2025	2026	2027
	440-4010-539	<b><u>Administration Department</u></b>							
1	440-4010-539.12-10	Regular Salaries	\$323,659	Labor	\$279,448	\$293,420	\$308,091	\$323,496	\$339,671
2	AddPerAdmin	Additional Personnel	0	Input	0	0	0	0	0
3	440-4010-539.14-10	Overtime	42	Labor	520	546	573	602	632
4	440-4010-539.15-30	Cell Phone	2,200	Inflation	2,354	2,472	2,529	2,589	2,651
5	440-4010-539.15-60	Boot Allowance	150	Inflation	161	169	172	177	181
6	440-4010-539.21-10	FICA Taxes	18,481	Labor	19,405	20,375	21,394	22,464	23,587
7	440-4010-539.21-20	Medicare	4,322	Labor	4,538	4,765	5,003	5,253	5,516
8	440-4010-539.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
9	440-4010-539.22-20	DCSE	36,068	Labor	37,871	39,765	41,753	43,841	46,033
10	440-4010-539.23-10	Life Insurance	1,378	General-Ins	1,447	1,519	1,595	1,675	1,759
11	440-4010-539.23-20	Group Medical Insurance	69,409	Health-Ins	76,350	83,985	92,383	101,622	111,784
12	440-4010-539.23-21	HSA Employer Contribution	2,758	Labor	2,896	3,041	3,193	3,352	3,520
13	440-4010-539.23-22	HRA Employer Contribution	1,000	Labor	1,050	1,103	1,158	1,216	1,276
14	440-4010-539.23-30	Dental Insurance	2,597	Health-Ins	2,857	3,142	3,457	3,802	4,182
15	440-4010-539.23-40	Long Term Disability	2,467	Health-Ins	2,714	2,985	3,284	3,612	3,973
16	440-4010-539.23-60	Broker & Admin. Fees	1,884	Health-Ins	2,072	2,280	2,508	2,758	3,034
17	440-4010-539.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
18	440-4010-539.24-10	Worker's Compensation	481	Labor	505	530	557	585	614
19		Subtotal Personnel Expenses	\$466,896		\$434,188	\$460,097	\$487,650	\$517,044	\$548,414
		<b><u>Operating Expenses</u></b>							
20	440-4010-539.31-10	Professional Services	\$50,000	Eliminate	\$0	\$0	\$0	\$0	\$0
20	440-4010-539.34-10	Other Contractual Service	4,224	Contractual	4,393	4,569	4,751	4,941	5,139
21	440-4010-539.40-10	Travel & Per Diem	4,100	Inflation	4,387	4,606	4,712	4,825	4,941
22	440-4010-539.41-10	Telephone	433	Inflation	463	486	498	510	522
23	440-4010-539.41-20	Internet	3,750	Inflation	4,013	4,213	4,310	4,413	4,519
24	440-4010-539.41-40	Postage	0	Inflation	0	0	0	0	0
25	440-4010-539.43-10	Electric	1,852	Electricity	1,982	2,041	2,102	2,165	2,230
26	440-4010-539.46-10	Repair & Maintenance	2,250	Repair	2,374	2,481	2,567	2,657	2,750
27	440-4010-539.46-20	Fleet Charges	1,322	Repair	1,395	1,457	1,508	1,561	1,616
28	440-4010-539.47-20	Copier	5,900	Inflation	6,313	6,629	6,781	6,944	7,111
29	440-4010-539.49-01	Cost Allocation [2]	707,592	Labor	742,972	780,120	819,126	860,082	903,087
30	440-4010-539.49-10	Other Charges/Obligations	200	Inflation	214	225	230	235	241
31	440-4010-539.49-40	PILOFF Water & Sewer [3]	0	Eliminate	0	0	0	0	0
32	440-4010-539.51-10	Office Supplies	1,500	Inflation	1,605	1,685	1,724	1,765	1,808
33	440-4010-539.52-10	Operating Supplies	3,500	Inflation	3,745	3,932	4,023	4,119	4,218
34	440-4010-539.52-20	Unleaded & Diesel	811	Fuel	933	1,026	1,098	1,175	1,257
35	440-4010-539.52-30	Uniforms	1,300	Inflation	1,391	1,461	1,494	1,530	1,567
36	440-4010-539.54-10	Books, Pubs, Subs, & Mem	8,767	Inflation	9,381	9,850	10,076	10,318	10,566
37	440-4010-539.54-20	Educational Development	3,950	Inflation	4,227	4,438	4,540	4,649	4,760
38		Subtotal Operating Expenses	\$801,451		\$789,785	\$829,219	\$869,542	\$911,892	\$956,332
39		Total Administration Department	\$1,268,347		\$1,223,973	\$1,289,315	\$1,357,191	\$1,428,935	\$1,504,745
	440-4030-533	<b><u>Water Department</u></b>							
40	440-4030-533.12-10	Regular Salaries	\$574,059	Labor	\$664,016	\$697,217	\$732,078	\$768,682	\$807,116
41	AddPerWater	Additional Personnel	0	Input	0	0	0	0	0
42	440-4030-533.12-20	DC ICMA	14,999	Labor	15,749	16,536	17,363	18,231	19,143
43	440-4030-533.14-10	Overtime	81,557	Labor	19,074	20,028	21,029	22,081	23,185
44	440-4030-533.15-30	Cell Phone	1,100	Inflation	1,177	1,236	1,264	1,295	1,326
45	440-4030-533.15-60	Boot Allowance	1,500	Inflation	1,605	1,685	1,724	1,765	1,808
46	440-4030-533.21-10	FICA Taxes	32,385	Labor	34,004	35,704	37,490	39,364	41,332
47	440-4030-533.21-20	Medicare	7,574	Labor	7,953	8,350	8,768	9,206	9,667
48	440-4030-533.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
49	440-4030-533.22-20	DCSE	45,043	Labor	47,295	49,660	52,143	54,750	57,488
50	440-4030-533.23-10	Life Insurance	2,301	General-Ins	2,416	2,537	2,664	2,797	2,937
51	440-4030-533.23-20	Group Medical Insurance	124,438	Health-Ins	136,882	150,570	165,627	182,190	200,409
52	440-4030-533.23-21	HSA Employer Contribution	11,113	Labor	11,669	12,252	12,865	13,508	14,183
53	440-4030-533.23-22	HRA Employer Contribution	750	Labor	788	827	868	912	957
54	440-4030-533.23-30	Dental Insurance	3,063	Health-Ins	3,369	3,706	4,077	4,485	4,933
55	440-4030-533.23-40	Long Term Disability	4,118	Health-Ins	4,530	4,983	5,481	6,029	6,632
56	440-4030-533.23-60	Broker & Admin. Fees	3,531	Health-Ins	3,884	4,273	4,700	5,170	5,687
57	440-4030-533.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
58	440-4030-533.24-10	Worker's Compensation	16,070	Labor	16,874	17,717	18,603	19,533	20,510
59		Subtotal Personnel Expenses	\$923,601		\$971,284	\$1,027,281	\$1,086,743	\$1,149,997	\$1,217,311
		<b><u>Operating Expenses</u></b>							
60	440-4030-533.31-10	Professional Services	\$4,925	Contractual	\$5,122	\$5,327	\$5,540	\$5,762	\$5,992
61	440-4030-533.34-10	Other Contractual Service	119,485	Contractual	124,264	129,235	134,404	139,781	145,372
62	440-4030-533.35-20	Uniform Reimbursement	0	Inflation	0	0	0	0	0
63	440-4030-533.40-10	Travel & Per Diem	1,000	Inflation	1,070	1,124	1,149	1,177	1,205
64	440-4030-533.41-10	Telephone	230	Inflation	246	258	264	271	277
65	440-4030-533.41-11	Cell Phone	0	Inflation	0	0	0	0	0

**Table 1-11**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Combined Water and Wastewater System Operating Expenses**

Line No.	Cost Center Code	Description	Adjusted [1] 2022	Escalation Factor	Projected 2023	Fiscal Year Ending September 30th,			
						2024	2025	2026	2027
66	440-4030-533.41-15	Cellular	491	Inflation	525	552	564	578	592
67	440-4030-533.41-20	Internet	5,000	Inflation	5,350	5,618	5,747	5,885	6,026
68	440-4030-533.41-30	Legal Ads	800	Inflation	856	899	919	942	964
69	440-4030-533.41-40	Postage	13,000	Inflation	13,910	14,606	14,941	15,300	15,667
70	440-4030-533.43-10	Electric	131,324	W-Elec	142,316	147,988	153,408	158,781	164,338
71	440-4030-533.44-10	Rent	1,310	Inflation	1,402	1,472	1,506	1,542	1,579
72	440-4030-533.46-10	Repair & Maintenance	80,980	Repair	85,434	89,278	92,403	95,637	98,985
73	440-4030-533.46-20	Fleet Charges	5,087	Repair	5,367	5,608	5,805	6,008	6,218
74	440-4030-533.47-10	Printing & Binding	500	Inflation	535	562	575	588	603
75	440-4030-533.47-20	Copier	1,400	Inflation	1,498	1,573	1,609	1,648	1,687
76	440-4030-533.48-10	Promotional Activities	5,895	Inflation	6,308	6,623	6,775	6,938	7,104
77	440-4030-533.49-01	Cost Allocation [2]	187,833	Labor	197,225	207,086	217,440	228,312	239,728
78	440-4030-533.49-10	Other Charges/Obligations	21,600	Inflation	23,112	24,268	24,826	25,422	26,032
79	440-4030-533.49-40	PILOFF Water & Sewer [3]	0	Eliminate	0	0	0	0	0
80	440-4030-533.51-10	Office Supplies	650	Inflation	696	730	747	765	783
81	440-4030-533.52-10	Operating Supplies	33,644	Inflation	35,999	37,799	38,668	39,596	40,547
82	440-4030-533.52-20	Unleaded & Diesel	3,158	Fuel	3,632	3,995	4,275	4,574	4,894
83	440-4030-533.52-25	Bulk Fuel	7,000	Fuel	8,050	8,855	9,475	10,138	10,848
84	440-4030-533.52-30	Uniforms	2,175	Inflation	2,327	2,444	2,500	2,560	2,621
85	440-4030-533.52-50	Chemical	501,950	W-Chem	533,797	565,850	597,963	630,923	665,683
86	440-4030-533.54-10	Books, Pubs, Subs, & Mem	1,470	Inflation	1,573	1,652	1,690	1,730	1,772
87	440-4030-533.54-20	Educational Development	1,825	Inflation	1,953	2,050	2,098	2,148	2,199
88		Subtotal Operating Expenses	\$1,132,732		\$1,202,566	\$1,265,450	\$1,325,292	\$1,387,003	\$1,451,715
89		Total Water Department	\$2,056,333		\$2,173,850	\$2,292,731	\$2,412,035	\$2,537,000	\$2,669,026
	440-4040-535	<b><u>Wastewater Department</u></b>							
90	440-4040-535.12-10	Regular Salaries	\$699,471	Labor	\$787,549	\$826,926	\$868,273	\$911,686	\$957,271
91	AddPerWastewater	Additional Personnel	0	Input	0	0	0	0	0
92	440-4040-535.13-10	Other Salaries	0	Labor	0	0	0	0	0
93	440-4040-535.14-10	Overtime	57,356	Labor	52,998	55,648	58,430	61,352	64,419
94	440-4040-535.15-30	Cell Phone	1,881	Inflation	2,013	2,113	2,162	2,214	2,267
95	440-4040-535.15-40	Insurance Payback	0	Health-Ins	0	0	0	0	0
96	440-4040-535.15-60	Boot Allowance	1,800	Inflation	1,926	2,022	2,069	2,118	2,169
97	440-4040-535.21-10	FICA Taxes	39,324	Labor	41,290	43,355	45,522	47,799	50,188
98	440-4040-535.21-20	Medicare	9,197	Labor	9,657	10,140	10,647	11,179	11,738
99	440-4040-535.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
100	440-4040-535.22-20	DCSE	77,171	Inflation	82,573	86,702	88,696	90,824	93,004
101	440-4040-535.23-10	Life Insurance	2,964	General-Ins	3,112	3,268	3,431	3,603	3,783
102	440-4040-535.23-20	Group Medical Insurance	137,208	Health-Ins	150,929	166,022	182,624	200,886	220,975
103	440-4040-535.23-21	HSA Employer Contribution	5,063	Labor	5,316	5,582	5,861	6,154	6,462
104	440-4040-535.23-22	HRA Employer Contribution	2,000	Labor	2,100	2,205	2,315	2,431	2,553
105	440-4040-535.23-30	Dental Insurance	4,482	Health-Ins	4,930	5,423	5,966	6,562	7,218
106	440-4040-535.23-40	Long Term Disability	5,303	Health-Ins	5,833	6,417	7,058	7,764	8,541
107	440-4040-535.23-60	Broker & Admin. Fees	3,505	Health-Ins	3,856	4,241	4,665	5,132	5,645
108	440-4040-535.23-90	OPEB	0	Marginal	0	0	0	0	0
109	440-4040-535.24-10	Worker's Compensation	15,944	Labor	16,741	17,578	18,457	19,380	20,349
110		Subtotal Personnel Expenses	\$1,062,669		\$1,170,823	\$1,237,642	\$1,306,176	\$1,379,085	\$1,456,582
		<b><u>Operating Expenses</u></b>							
111	440-4040-535.31-10	Professional Services	\$55,000	Contractual	\$28,521	\$29,662	\$30,848	\$32,082	\$33,366
112	440-4040-535.34-10	Other Contractual Service	269,917	Contractual	280,714	291,942	303,620	315,765	328,395
113	440-4040-535.40-10	Travel & Per Diem	2,800	Inflation	2,996	3,146	3,218	3,295	3,374
114	440-4040-535.41-10	Telephone	0	Inflation	0	0	0	0	0
115	440-4040-535.41-15	Cellular	3	Inflation	3	3	3	4	4
116	440-4040-535.41-20	Internet	1,125	Inflation	1,204	1,264	1,293	1,324	1,356
117	440-4040-535.41-30	Legal Ads	0	Inflation	0	0	0	0	0
118	440-4040-535.41-40	Postage	13,000	Inflation	13,910	14,606	14,941	15,300	15,667
119	440-4040-535.43-10	Electric	158,584	WW-Elec	172,793	180,398	187,499	194,450	201,649
120	440-4040-535.43-30	Water / Sewer / Trash	17,730	Inflation	18,971	19,920	20,378	20,867	21,368
121	440-4040-535.44-10	Rent	8,000	Inflation	8,560	8,988	9,195	9,415	9,641
122	440-4040-535.46-10	Repair & Maintenance	220,730	Repair	151,381	158,193	163,730	169,460	175,392
123	440-4040-535.46-20	Fleet Charges	4,315	Repair	4,552	4,757	4,924	5,096	5,274
124	440-4040-535.47-10	Printing & Binding	0	Inflation	0	0	0	0	0
125	440-4040-535.47-20	Copier	1,400	Inflation	1,498	1,573	1,609	1,648	1,687
126	440-4040-535.48-10	Promotional Activities	1,775	Inflation	1,899	1,994	2,040	2,089	2,139
127	440-4040-535.49-01	Cost Allocation [2]	164,184	Labor	172,393	181,013	190,064	199,567	209,545
128	440-4040-535.49-10	Other Charges/Obligations	6,400	Inflation	6,848	7,190	7,356	7,532	7,713
129	440-4040-535.49-40	PILOFF Water & Sewer [3]	0	Eliminate	0	0	0	0	0
130	440-4040-535.51-10	Office Supplies	1,000	Inflation	1,070	1,124	1,149	1,177	1,205
131	440-4040-535.52-10	Operating Supplies	54,750	Inflation	58,583	61,512	62,926	64,437	65,983
132	440-4040-535.52-20	Unleaded & Diesel	2,903	Fuel	3,338	3,672	3,929	4,204	4,499
133	440-4040-535.52-25	Bulk Fuel	3,500	Fuel	4,025	4,428	4,737	5,069	5,424
134	440-4040-535.52-30	Uniforms	2,425	Inflation	2,595	2,724	2,787	2,854	2,923
135	440-4040-535.52-50	Chemical	164,991	WW-Chem	176,414	187,755	198,934	210,315	222,336
136	440-4040-535.54-10	Books, Pubs, Subs, & Mem	300	Inflation	321	337	345	353	362

**Table 1-11**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Combined Water and Wastewater System Operating Expenses**

Line No.	Cost Center Code	Description	Adjusted [1] 2022	Escalation Factor	Projected 2023	Fiscal Year Ending September 30th,			
						2024	2025	2026	2027
137	440-4040-535.54-20	Educational Development	5,200	Inflation	5,564	5,842	5,977	6,120	6,267
138		Subtotal Operating Expenses	\$1,160,032		\$1,118,154	\$1,172,042	\$1,221,503	\$1,272,423	\$1,325,568
139		Total Wastewater Department	\$2,222,701		\$2,288,977	\$2,409,684	\$2,527,680	\$2,651,508	\$2,782,150
	440-4050-539	<b><u>Wastewater Collections</u></b>							
140	440-4050-539.12-10	Regular Salaries	\$232,930	Labor	\$275,371	\$289,140	\$303,597	\$318,776	\$334,715
141	AddPerCollections	Additional Personnel	0	Input	0	0	0	0	0
142	440-4050-539.14-10	Overtime	22,006	Labor	31,803	33,393	35,063	36,816	38,657
143	440-4050-539.15-30	Cell Phone	800	Inflation	856	899	919	942	964
144	440-4050-539.15-60	Boot Allowance	750	Inflation	803	843	862	883	904
145	440-4050-539.21-10	FICA Taxes	14,045	Labor	14,747	15,485	16,259	17,072	17,925
146	440-4050-539.21-20	Medicare	3,285	Labor	3,449	3,622	3,803	3,993	4,193
147	440-4050-539.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
148	440-4050-539.22-20	DCSE	27,412	Labor	28,783	30,222	31,733	33,319	34,985
149	440-4050-539.23-10	Life Insurance	1,053	General-Ins	1,106	1,161	1,219	1,280	1,344
150	440-4050-539.23-20	Group Medical Insurance	60,781	Health-Ins	66,859	73,545	80,900	88,989	97,888
151	440-4050-539.23-21	HRA Employer Contribution	8,250	Labor	8,663	9,096	9,550	10,028	10,529
152	440-4050-539.23-22	HRA Employer Contribution	250	Labor	263	276	289	304	319
153	440-4050-539.23-30	Dental Insurance	1,561	Health-Ins	1,717	1,889	2,078	2,285	2,514
154	440-4050-539.23-40	Long Term Disability	1,884	Health-Ins	2,072	2,280	2,508	2,758	3,034
155	440-4050-539.23-60	Broker & Admin. Fees	893	Health-Ins	982	1,081	1,189	1,307	1,438
156	440-4050-539.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
157	440-4050-539.24-10	Worker's Compensation	5,482	Labor	5,756	6,044	6,346	6,663	6,997
158		Subtotal Personnel Expenses	\$381,382		\$443,229	\$468,972	\$496,314	\$525,417	\$556,407
		<b><u>Operating Expenses</u></b>							
159	440-4050-539.34-10	Other Contractual Service	\$213	Contractual	\$222	\$230	\$240	\$249	\$259
160	440-4050-539.40-10	Travel & Per Diem	1,400	Inflation	1,498	1,573	1,609	1,648	1,687
161	440-4050-539.41-10	Telephone	220	Inflation	235	247	253	259	265
162	440-4050-539.41-15	Cellular	494	Inflation	529	555	568	581	595
163	440-4050-539.41-20	Internet	430	Inflation	460	483	494	506	518
164	440-4050-539.43-10	Electric	56,622	WW-Elec	61,695	64,411	66,946	69,428	71,998
165	440-4050-539.43-30	Water / Sewer / Trash	1,292	Inflation	1,382	1,452	1,485	1,521	1,557
166	440-4050-539.44-10	Rent	500	Inflation	535	562	575	588	603
167	440-4050-539.46-10	Repair & Maintenance	118,500	Repair	83,008	86,743	89,779	92,922	96,174
168	440-4050-539.46-20	Fleet Charges	33,435	Repair	35,274	36,861	38,151	39,487	40,869
169	440-4050-539.47-10	Printing & Binding	0	Inflation	0	0	0	0	0
170	440-4050-539.47-20	Copier	2,200	Inflation	2,354	2,472	2,529	2,589	2,651
171	440-4050-539.49-01	Cost Allocation [2]	70,321	Labor	73,837	77,529	81,405	85,476	89,749
172	440-4050-539.49-10	Other Charges/Obligations	2,050	Inflation	2,194	2,303	2,356	2,413	2,471
173	440-4050-539.49-40	PILOFF Water & Sewer [3]	0	Eliminate	0	0	0	0	0
174	440-4050-539.51-10	Office Supplies	500	Inflation	535	562	575	588	603
175	440-4050-539.52-10	Operating Supplies	24,750	Inflation	26,483	27,807	28,446	29,129	29,828
176	440-4050-539.52-20	Unleaded & Diesel	15,007	Fuel	17,258	18,984	20,313	21,735	23,256
177	440-4050-539.52-30	Uniforms	980	Inflation	1,049	1,101	1,126	1,153	1,181
178	440-4050-539.52-50	Chemical	25,000	WW-Chem	26,731	28,449	30,143	31,868	33,689
179	440-4050-539.54-10	Books, Pubs, Subs, & Mem	0	Inflation	0	0	0	0	0
180	440-4050-539.54-20	Educational Development	1,540	Inflation	1,648	1,730	1,770	1,812	1,856
181		Subtotal Operating Expenses	\$355,454		\$336,926	\$354,053	\$368,763	\$383,951	\$399,809
182		Total Wastewater Collections	\$736,836		\$780,155	\$823,026	\$865,077	\$909,368	\$956,216
	440-4080-539	<b><u>Field Operations</u></b>							
183	440-4080-539.12-10	Regular Salaries	\$496,139	Labor	\$585,885	\$615,179	\$645,938	\$678,235	\$712,147
184	AddPerFieldOps	Additional Personnel	0	Input	0	0	0	0	0
185	440-4080-539.12-20	DC ICMA	8,417	Labor	37,107	38,962	40,910	42,956	45,104
186	440-4080-539.14-10	Overtime	29,141	Labor	30,598	32,128	33,734	35,421	37,192
187	440-4080-539.15-30	Cell Phone	1,485	Inflation	1,589	1,668	1,707	1,748	1,790
188	440-4080-539.15-60	Boot Allowance	2,100	Inflation	2,247	2,359	2,414	2,472	2,531
189	440-4080-539.21-10	FICA Taxes	29,239	Labor	30,701	32,236	33,848	35,540	37,317
190	440-4080-539.21-20	Medicare	6,838	Labor	7,180	7,539	7,916	8,312	8,727
191	440-4080-539.22-20	DCSE	46,641	Labor	48,973	51,422	53,993	56,692	59,527
192	440-4080-539.23-10	Life Insurance	2,246	General-Ins	2,358	2,476	2,600	2,730	2,867
193	440-4080-539.23-20	Group Medical Insurance	151,599	Health-Ins	166,759	183,435	201,778	221,956	244,152
194	440-4080-539.23-21	HSA Employer Contribution	18,613	Labor	19,544	20,521	21,547	22,624	23,755
195	440-4080-539.23-22	HRA Employer Contribution	1,000	Labor	1,050	1,103	1,158	1,216	1,276
196	440-4080-539.23-30	Dental Insurance	4,236	Health-Ins	4,660	5,126	5,638	6,202	6,822
197	440-4080-539.23-40	Long Term Disability	4,019	Health-Ins	4,421	4,863	5,349	5,884	6,473
198	440-4080-539.23-60	Broker & Admin. Fees	2,454	Health-Ins	2,699	2,969	3,266	3,593	3,952
199	440-4080-539.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
200	440-4080-539.24-10	Worker's Compensation	14,758	Labor	15,496	16,271	17,084	17,938	18,835
201		Subtotal Personnel Costs	\$818,925		\$961,267	\$1,018,257	\$1,078,881	\$1,143,519	\$1,212,467

**Table 1-11**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Combined Water and Wastewater System Operating Expenses**

Line No.	Cost Center Code	Description	Adjusted [1] 2022	Escalation Factor	Projected 2023	Fiscal Year Ending September 30th,			
						2024	2025	2026	2027
<b><u>Operating Expenses</u></b>									
202	440-4080-539.34-10	Other Contractual Service	\$34,808	Contractual	\$36,200	\$37,648	\$39,154	\$40,720	\$42,349
203	440-4080-539.40-10	Travel & Per Diem	3,835	Inflation	4,103	4,309	4,408	4,514	4,622
204	440-4080-539.41-10	Telephone	0	Inflation	0	0	0	0	0
205	440-4080-539.41-15	Cellular	1,740	Inflation	1,862	1,955	2,000	2,048	2,097
206	440-4080-539.41-20	Internet	1,230	Inflation	1,316	1,382	1,414	1,448	1,482
207	440-4080-539.41-40	Postage	0	Inflation	0	0	0	0	0
208	440-4080-539.44-10	Rent	1,000	Inflation	1,070	1,124	1,149	1,177	1,205
209	440-4080-539.46-10	Repair & Maintenance	38,500	Calculated	492,394	493,958	495,568	497,227	160,000
210	440-4080-539.46-20	Fleet Charges	38,523	Repair	40,642	42,471	43,957	45,496	47,088
211	440-4080-539.47-10	Printing & Binding	300	Inflation	321	337	345	353	362
212	440-4080-539.49-01	Cost Allocation [2]	137,534	Labor	144,411	151,631	159,213	167,173	175,532
213	440-4080-539.49-10	Other Charges/Obligations	6,868	Inflation	7,349	7,716	7,894	8,083	8,277
214	440-4080-539.49-40	PILOFF Water & Sewer [3]	0	Eliminate	0	0	0	0	0
215	440-4080-539.51-10	Office Supplies	500	Inflation	535	562	575	588	603
216	440-4080-539.52-10	Operating Supplies	155,500	Inflation	166,385	174,704	178,722	183,012	187,404
217	440-4080-539.52-20	Unleaded & Diesel	36,453	Fuel	41,921	46,113	49,341	52,795	56,490
218	440-4080-539.52-30	Uniforms	1,850	Inflation	1,980	2,078	2,126	2,177	2,230
219	440-4080-539.54-10	Books, Pubs, Subs, & Mem	30	Inflation	32	34	34	35	36
220	440-4080-539.54-20	Educational Development	4,295	Inflation	4,596	4,825	4,936	5,055	5,176
221		Subtotal Operating Expenses	\$462,966		\$945,116	\$970,847	\$990,837	\$1,011,901	\$694,953
222		Total Field Operations	\$1,281,891		\$1,906,383	\$1,989,104	\$2,069,717	\$2,155,420	\$1,907,420
<b><u>440-5555-580, 581, 589 Non-Departmental [4]</u></b>									
223	440-5555-580.22-10	Retirement Contributions	\$369,916	Labor	\$388,412	\$407,832	\$428,224	\$449,635	\$472,117
224	440-5555-580.23-80	PTO Expense	0	Eliminate	0	0	0	0	0
225	440-5555-580.31-10	Professional Services	20,659	Contractual	21,485	22,345	23,239	24,168	25,135
226	440-5555-580.32-10	Accounting & Auditing	0	Eliminate	0	0	0	0	0
227	440-5555-580.34-10	Other Contractual Service	0	Contractual	0	0	0	0	0
228	440-5555-580.45-10	General Liability	19,777	General-Ins	20,766	21,804	22,894	24,039	25,241
229	440-5555-580.45-15	Property - Insurances	92,253	General-Ins	96,866	101,709	106,794	112,134	117,741
230	440-5555-580.45-20	Public Officials	15,262	Labor	16,025	16,826	17,668	18,551	19,479
231	440-5555-580.45-25	Automobile - Insurances	18,426	General-Ins	19,347	20,315	21,330	22,397	23,517
232	440-5555-580.45-35	Environmental Liability	3,641	Inflation	3,896	4,091	4,185	4,285	4,388
233	440-5555-580.46-10	Repair & Maintenance	15,000	Repair	15,825	16,537	17,116	17,715	18,335
234	440-5555-580.49-10	Other Charges/Obligations	2,390	Inflation	2,557	2,685	2,747	2,813	2,880
235	440-5555-580.49-20	Bank Charges	0	Eliminate	0	0	0	0	0
236	440-5555-580.49-30	Insurance Deductible	0	Eliminate	0	0	0	0	0
237	440-5555-580.49-50	Write Off	0	Eliminate	0	0	0	0	0
238	440-5555-580.49-60	Hurricane Charges	0	Eliminate	0	0	0	0	0
239	440-5555-580.52-10	Operating Supplies	0	Eliminate	0	0	0	0	0
240	440-5555-580.62-10	Depreciation	0	Eliminate	0	0	0	0	0
241	440-5555-580.63-10	Buildings	0	Eliminate	0	0	0	0	0
242	440-5555-580.64-10	Improvements O/T Building	0	Eliminate	0	0	0	0	0
243	440-5555-580.64-10	Machinery & Equipment	0	Eliminate	0	0	0	0	0
244	440-5555-580.64-20	Motor Vehicles	0	Eliminate	0	0	0	0	0
245	440-5555-580.71-15	JCI Meters	0	Eliminate	0	0	0	0	0
246	440-5555-580.71-24	Refunding Bond Series 09	0	Eliminate	0	0	0	0	0
247	440-5555-580.71-26	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
248	440-5555-580.71-28	BBT Cap Imp Rev Note 2014	0	Eliminate	0	0	0	0	0
249	440-5555-580.71-29	St Rev Fund-WWTP R&R 2013	0	Eliminate	0	0	0	0	0
250	440-5555-580.71-38	BBT W&S Ref Rev Bnd 2016	0	Eliminate	0	0	0	0	0
251	440-5555-580.72-13	BOA Obligation #265	0	Eliminate	0	0	0	0	0
252	440-5555-580.71-40	Veh Lse 2016 Amer Cap Svc	0	Eliminate	0	0	0	0	0
253	440-5555-580.71-42	SRF 640530 Recl X Design	0	Eliminate	0	0	0	0	0
254	440-5555-580.71-43	State Revolving Fund 640531	0	Eliminate	0	0	0	0	0
255	440-5555-580.72-15	JCI Meters	0	Eliminate	0	0	0	0	0
256	440-5555-580.72-20	State Revolving Fund	0	Eliminate	0	0	0	0	0
257	440-5555-580.72-24	Refunding Bond Series 09	0	Eliminate	0	0	0	0	0
258	440-5555-580.72-26	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
259	440-5555-580.72-28	BBT Cap Imp Rev Note 2014	0	Eliminate	0	0	0	0	0
260	440-5555-580.72-29	St Rev Fund-WWTP R&R 2013	0	Eliminate	0	0	0	0	0
261	440-5555-580.72-38	BBT W&S Ref Rev Bnd 2016	0	Eliminate	0	0	0	0	0
262	440-5555-580.72-40	Veh Lse 2016 Amer Cap Svc	0	Eliminate	0	0	0	0	0
263	440-5555-580.72-42	SRF 640530 Recl X Design	0	Eliminate	0	0	0	0	0
264	440-5555-580.72-43	State Revolving Fund 640531	0	Eliminate	0	0	0	0	0
265	440-5555-580.73-11	2013 SunTrust JCI	0	Eliminate	0	0	0	0	0
266	440-5555-580.73-21	Bond Issuance Cost - SRF	0	Eliminate	0	0	0	0	0
267	440-5555-580.73-41	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
268	440-5555-580.73-42	Cap Imp Rev Note Srs 2014	0	Eliminate	0	0	0	0	0
269	440-5555-580.73-43	10M UT SYS Refunding Revenue Note 2016	0	Eliminate	0	0	0	0	0
270	440-5555-581.03-31	Capital Fund	0	Eliminate	0	0	0	0	0
271	440-5555-581.04-44	Renewal And Replacement	0	Eliminate	0	0	0	0	0
272	440-5555-581.04-45	Wtr/Swr Rate Stabilization	0	Eliminate	0	0	0	0	0
273	440-5555-581.04-50	Public Works Complex - Debt Service	0	Eliminate	0	0	0	0	0

**Table 1-11**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Combined Water and Wastewater System Operating Expenses**

Line No.	Cost Center Code	Description	Adjusted [1] 2022	Escalation Factor	Projected 2023	Fiscal Year Ending September 30th,			
						2024	2025	2026	2027
274	440-5555-581.05-01	MIS	0	Eliminate	0	0	0	0	0
275	440-5555-589.50-50	Stabilization - Estimated Savings	0	Eliminate	0	0	0	0	0
276	440-5555-581.10-01	General Fund	0	Eliminate	0	0	0	0	0
277	440-5555-589.10-01	Current Year Unreserved	0	Eliminate	0	0	0	0	0
278		Total Non-Departmental	<u>\$557,324</u>		<u>\$585,179</u>	<u>\$614,144</u>	<u>\$644,197</u>	<u>\$675,737</u>	<u>\$708,832</u>
<b><u>Other Adjustments</u></b>									
279	Contingency	Contingency - 1.00% of O&M [5]	\$81,234	Input	\$89,585	\$94,180	\$98,759	\$103,580	\$105,284
280	BadDebt	Bad Debt Expense - 0.25% of Rate Revs. [6]	32,786	Input	33,403	34,889	36,369	37,837	39,365
281	Other	Other Adjustments - Retirement Benefits	0	Op Expense	0	0	0	0	0
282		Total Other Adjustments	<u>\$114,020</u>		<u>\$122,989</u>	<u>\$129,069</u>	<u>\$135,128</u>	<u>\$141,417</u>	<u>\$144,649</u>
283		<b>Grand Total Operating Budget</b>	<u><u>\$8,237,452</u></u>		<u><u>\$9,081,505</u></u>	<u><u>\$9,547,074</u></u>	<u><u>\$10,011,024</u></u>	<u><u>\$10,499,385</u></u>	<u><u>\$10,673,039</u></u>

**Footnotes:**

- [1] Fiscal Year 2022 amounts shown based on Table 1-7.  
[2] Budgeted amounts for the "Cost Allocation" line are to reimburse the General Fund for services that benefit the Utility.  
[3] Budgeted amounts for the PILOFF are transferred to the General Fund and are therefore excluded from the Cost of Operation and Maintenance for coverage purposes. These items have been adjusted from the budget and are accounted for in the summary of Revenue Requirements later in the rate model.  
[4] Amounts are adjusted from budget as shown herein since such capital outlay expenses and debt service payments are reflected in the Capital Improvements Plan or the Revenue Requirements part of the rate model.  
[5] A contingency of 1.00% of O&M was added to allow for unforeseen contingencies.  
[6] An allowance for bad debt expense of 0.25% of rate was recognized to account for uncollectible revenues.



**Table 1-12**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Summary of Projected Escalation Factors**

Line No.	Description	Escalation Factor	Fiscal Year Ending September 30th,				
			2023	2024	2025	2026	2027
1	Constant	Constant	1.0000	1.0000	1.0000	1.0000	1.0000
2	Eliminate	Eliminate	0.0000	0.0000	0.0000	0.0000	0.0000
3	Marginal	Marginal	1.0100	1.0100	1.0100	1.0100	1.0100
4	Inflation (CPI) [1]	Inflation	1.0700	1.0500	1.0230	1.0240	1.0240
5	Labor	Labor	1.0500	1.0500	1.0500	1.0500	1.0500
6	Benefits	Benefits	1.0500	1.0500	1.0500	1.0500	1.0500
7	Health Insurance	Health-Ins	1.1000	1.1000	1.1000	1.1000	1.1000
8	General Insurance	General-Ins	1.0500	1.0500	1.0500	1.0500	1.0500
9	Contractual	Contractual	1.0400	1.0400	1.0400	1.0400	1.0400
10	Repair (ENR Average)	Repair	1.0550	1.0450	1.0350	1.0350	1.0350
11	Chemicals	Chemicals	1.0500	1.0500	1.0500	1.0500	1.0500
12	Electricity	Electricity	1.0700	1.0300	1.0300	1.0300	1.0300
13	Fuel & Oil	Fuel	1.1500	1.1000	1.0700	1.0700	1.0700
14	Water Customer Accounts	W-Accounts	1.0179	1.0133	1.0089	1.0067	1.0067
15	Wastewater Customer Accounts	WW-Accounts	1.0193	1.0143	1.0096	1.0072	1.0072
16	Treated Water Flows	W-Flows	1.0128	1.0096	1.0064	1.0049	1.0049
17	Treated Wastewater Flows	WW-Flows	1.0183	1.0136	1.0091	1.0069	1.0068
18	Water Flows + Chemicals	W-Chem	1.0634	1.0600	1.0568	1.0551	1.0551
19	Water Flows + Electricity	W-Elec	1.0837	1.0399	1.0366	1.0350	1.0350
20	Wastewater Flows + Chemicals	WW-Chem	1.0692	1.0643	1.0595	1.0572	1.0572
21	Wastewater Flows + Electricity	WW-Elec	1.0896	1.0440	1.0394	1.0371	1.0370
22	Change in Water Customers	W-Growth	0.8039	0.7561	0.6774	0.7619	1.0000
23	Change in Wastewater Customers	WW-Growth	0.8039	0.7561	0.6774	0.7619	1.0000
24	Change in Reclaimed Customers	RC-Growth	0.7857	0.7273	0.7500	0.6667	1.0000
25	Water Rate Revenues	W-Rev	1.0161	1.0120	1.0081	1.0061	1.0061
26	Wastewater Rate Revenues	WW-Rev	1.0178	1.0132	1.0089	1.0067	1.0066
27	Water Operational Expenses	W-Op	1.1233	1.0514	1.0491	1.0493	1.0124
28	Wastewater Operational Expenses	WW-Op	1.0856	1.0511	1.0482	1.0484	1.0200

**Footnotes:**

- [1] Fiscal Years 2023 and 2024 projected based on recent trends. Fiscal Years 2025 through 2027 based on estimated projections from "Budget and Economic Outlook: 2021 to 2031", published by the Congressional Budget Office in February 2021.

**Derivation of Select Escalation Factors**

	2022	2023	2024	2025	2026	2027
<b>Projected Water Customers</b>						
Average Accounts	11,484	11,689	11,844	11,949	12,029	12,109
Annual Change	255	205	155	105	80	80
Percentage Change	2.271%	1.785%	1.326%	0.887%	0.670%	0.665%
<b>Projected Wastewater Customers</b>						
Average Accounts	10,598	10,803	10,958	11,063	11,143	11,223
Annual Change	255	205	155	105	80	80
Percentage Change	2.465%	1.934%	1.435%	0.958%	0.723%	0.718%
<b>Projected Reclaimed Customers</b>						
Average Accounts	3,245	3,300	3,340	3,370	3,390	3,410
Annual Change	70	55	40	30	20	20
Percentage Change	2.205%	1.695%	1.212%	0.898%	0.593%	0.590%
<b>Projected Treated Water Flows</b>						
Total Annual Flows	686,130	694,917	701,566	706,078	709,520	712,963
Annual Change	10,925	8,787	6,649	4,511	3,443	3,443
Percentage Change	1.618%	1.281%	0.957%	0.643%	0.488%	0.485%
<b>Projected Wastewater Treated Flows</b>						
Total Annual Flows	621,090	632,468	641,071	646,899	651,339	655,779
Annual Change	14,153	11,378	8,603	5,828	4,440	4,440
Percentage Change	2.332%	1.832%	1.360%	0.909%	0.686%	0.682%

**Table 1-12**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Summary of Projected Escalation Factors**

	2022	2023	2024	2025	2026	2027
<b><u>Projected Water Rate Revenues</u></b>						
Water Rate Revenues - Existing Rates	\$5,159,803	\$5,242,855	\$5,305,802	\$5,348,645	\$5,381,434	\$5,414,224
Annual Change	391,631	83,052	62,947	42,842	32,790	32,790
Percentage Change	8.213%	1.610%	1.201%	0.807%	0.613%	0.609%
<b><u>Projected Wholesale Water Rate Revenues</u></b>						
Water Rate Revenues - Existing Rates	\$701,707	\$701,707	\$701,707	\$701,707	\$701,707	\$701,707
Annual Change	0	0	0	0	0	0
Percentage Change	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
<b><u>Projected Wastewater &amp; Reclaimed Rate Revenues</u></b>						
Wastewater & Reclaimed Rate Revenues - Existing Rates	\$7,252,717	\$7,381,722	\$7,479,112	\$7,545,458	\$7,595,711	\$7,645,965
Annual Change	640,158	129,005	97,390	66,346	50,254	50,254
Percentage Change	9.540%	1.779%	1.319%	0.887%	0.666%	0.662%
<b><u>Projected Water Operation and Maintenance Expense</u></b>						
Projected Water Operation and Maintenance Expense	\$3,680,458	\$4,134,225	\$4,346,917	\$4,560,434	\$4,785,125	\$4,844,441
Rate of Change	N/A	12.33%	5.14%	4.91%	4.93%	1.24%
<b><u>Projected Wastewater Operation and Maintenance Expense</u></b>						
Projected Wastewater Operation and Maintenance Expense	\$4,556,994	\$4,947,280	\$5,200,157	\$5,450,589	\$5,714,260	\$5,828,598
Rate of Change	N/A	8.56%	5.11%	4.82%	4.84%	2.00%

**Table 1-13**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Capital Improvement Program Funding Plan**

Line No.	Description	Escalation Reference	Funding Source	Fiscal Year Ending September 30,					Total CIP	
				2022	2023	2024	2025	2026		2027
<b><u>CIP Escalation Factor Alternatives</u></b>										
<b><u>General Project Escalators</u></b>										
1	No Assumed Escalation (0.0% per Year)	None		1.000	1.000	1.000	1.000	1.000	1.000	
2	Capital Outlay (3.5% per Year)	Outlay		1.000	1.030	1.061	1.093	1.126	1.159	
3	ENR Index Average (3.0% per Year)	ENR		1.000	1.030	1.061	1.093	1.126	1.159	
4	Marginal Increase (1.0% per Year)	Marginal		1.000	1.010	1.020	1.030	1.041	1.051	
5	High Increase (5.0% per Year)	High		1.000	1.050	1.103	1.158	1.216	1.276	
<b><u>Water System:</u></b>										
6	East Pine Bluff Water Improvements	ENR	W-Op	\$0	\$0	\$0	\$211,904	\$0	\$0	\$211,904
7	Flexnet Smart Water Meter Network	None	Other	0	256,307	257,121	257,959	258,823	0	1,030,211
8	New York Street Water Improvements	ENR	W-Op	0	25,750	0	0	0	0	25,750
9	Perdita, Palmetto, Live Oak Water Improvements	ENR	W-Op	200,000	0	0	0	0	0	200,000
10	Safe Room @ ARWTP & Hardening of Ops Bldg	ENR	Grant	0	0	0	327,818	0	0	327,818
11	THM Precursor Removal Process at ARTWTP	ENR	Junior1	0	515,000	0	5,463,635	0	0	5,978,635
12	Two Inch Water Line Replacements	ENR	W-R&R	200,000	515,000	424,360	546,364	562,754	579,637	2,828,115
13	Unspecified Water	ENR	W-R&R	300,000	309,000	0	0	0	0	609,000
14	Wildwood & Highland Water Main Replacement	ENR	W-R&R	325,200	0	0	0	0	0	325,200
15	Public Works Building (Allocation)	ENR	Senior1	0	0	0	4,740,940	0	0	4,740,940
16	Public Works Building (Allocation) (Split Funding)	ENR	W-Rates	0	257,500	0	0	0	0	257,500
17	Bigelow, Rio Vista, Valencia Water Main Replace	ENR	W-Op	304,000	0	0	0	0	0	304,000
18	Hart Avenue Area Water Main Improvements	ENR	W-Op	785,000	0	0	0	0	0	785,000
19	Park Ave & US-1 Intersection WM Relocation	ENR	W-Op	250,000	772,500	0	0	0	0	1,022,500
20	Unforeseen Repairs at ARTWTP	ENR	W-R&R	0	257,500	0	0	0	0	257,500
20	Volco Rd Water Main (NEW)	ENR	W-Impact	0	0	0	1,721,045	0	0	1,721,045
21	Fire Hydrants - Add 10 (NEW)	ENR	W-Op	0	0	58,350	0	0	0	58,350
22	PABS Engineering Site Improvement Design	ENR	W-R&R	0	0	530,450	0	0	0	530,450
23	Emergency Pumping Install	ENR	W-R&R	0	0	49,067	50,539	52,055	53,616	205,276
24	Other Miscellaneous Adjustments	ENR	W-R&R	\$74,510	\$268,608	\$0	\$0	\$0	\$0	\$343,118
25	Budgetary Capital Outlay	Outlay	W-Rates	\$147,645	\$155,736	\$155,952	\$160,631	\$165,450	\$170,413	\$955,827
26	Subtotal Water System			\$2,586,355	\$3,332,901	\$1,475,300	\$13,480,834	\$1,039,082	\$803,667	\$22,718,138

**Table 1-13**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Capital Improvement Program Funding Plan**

Line No.	Description	Escalation Reference	Funding Source	Fiscal Year Ending September 30,						Total CIP
				2022	2023	2024	2025	2026	2027	
<b><u>Wastewater System:</u></b>										
27	Flexnet Smart Water Meter Network	None	Other	\$0	\$236,087	\$236,837	\$237,609	\$238,404	\$0	\$948,936
28	Safe Room @ WWTP & Hardening of Ops Bldg	ENR	Grant	0	309,000	0	0	0	0	309,000
29	Unspecified Sewer	ENR	S-R&R	300,000	309,000	0	0	0	0	609,000
30	Air Compressor at WWTP	ENR	S-Op	45,000	0	0	0	0	0	45,000
31	Evaluation of Clay Sewer Lines	ENR	S-Op	175,000	0	0	0	0	0	175,000
32	Lift Station Refurbishments	ENR	S-R&R	600,000	927,000	954,810	983,454	1,012,958	1,043,347	5,521,569
33	Manhole Lining	ENR	S-R&R	150,000	0	0	327,818	393,928	405,746	1,277,492
34	Submersible Pump Replacements (LS)	ENR	S-Rates	100,000	103,000	132,613	136,591	140,689	144,909	757,801
35	Telemetry at Lift Stations	ENR	S-Rates	30,000	30,900	0	0	0	0	60,900
36	WW Lift Station Rehab: FL Shores	ENR	S-Op	300,000	0	0	0	0	0	300,000
37	Meadowlake/Woodbridge Reclaimed Extension	ENR	S-Impact	455,600	0	0	0	0	0	455,600
38	Meadowlake/Woodbridge Reclaimed Extension (Split Funding)	ENR	Grant	224,400	0	0	0	0	0	224,400
39	Public Works Building (Allocation)	ENR	Senior1	0	0	0	4,740,940	0	0	4,740,940
40	Public Works Building (Allocation) (Split Funding)	ENR	S-Rates	0	257,500	0	0	0	0	257,500
41	WWTP BNRB Return Channels	ENR	S-R&R	400,000	0	0	0	0	0	400,000
42	Lift Station Emergency Pumping Capabilities - Site Installed	ENR	S-R&R	250,000	0	265,225	273,182	281,377	289,819	1,359,602
43	Sewer Sliplining: Park Ave to Turgot Area - CDBG Volusia Subrecipient Funding	ENR	Grant	80,473	0	0	0	0	0	80,473
44	ARPA Sewer Infiltration Improvements	ENR	S-R&R	0	29,691	60,273	0	0	0	89,965
45	ARPA Sewer Infiltration Improvements (Split Funding)	ENR	Grant	0	989,709	989,709	0	0	0	1,979,418
46	Unforeseen Repairs at Wastewater Treatment Plant	ENR	S-R&R	0	257,500	0	0	0	0	257,500
47	Lateral Slip-Lining	ENR	S-R&R	200,000	0	0	327,818	393,928	405,746	1,327,492
48	Emergency Pumping Install	ENR	S-R&R	0	0	49,067	50,539	52,055	53,616	205,276
49	Other Miscellaneous Adjustments	ENR	S-R&R	\$25,490	\$91,892	\$0	\$0	\$0	\$0	\$117,382
50	Budgetary Capital Outlay	Outlay	S-Rates	\$203,891	\$215,064	\$215,363	\$221,824	\$228,478	\$235,333	\$1,319,952
51	Subtotal Wastewater System			\$3,539,854	\$3,756,343	\$2,903,896	\$7,299,774	\$2,741,817	\$2,578,515	\$22,820,199
52	<b>Total Combined System CIP</b>			<b>\$6,126,209</b>	<b>\$7,089,244</b>	<b>\$4,379,196</b>	<b>\$20,780,608</b>	<b>\$3,780,899</b>	<b>\$3,382,182</b>	<b>\$45,538,337</b>

**Table 1-13**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Capital Improvement Program Funding Plan**

Line No.	Description	Escalation Reference	Funding Source	Fiscal Year Ending September 30,					Total CIP	
				2022	2023	2024	2025	2026		2027
<b><u>Project Funding Sources Summary</u></b>										
<b>Water Funding Sources:</b>										
53	Water Rates		W-Rates	\$147,645	\$413,236	\$155,952	\$160,631	\$165,450	\$170,413	\$1,213,327
54	Operating Fund		W-Op	1,539,000	798,250	58,350	211,904	0	0	2,607,503
55	Renewal and Replacement Fund		W-R&R	899,710	1,350,108	1,003,877	596,902	614,809	633,253	5,098,659
56	Water Development Fees		W-Impact	0	0	0	1,721,045	0	0	1,721,045
57	Grants		Grant	0	0	0	327,818	0	0	327,818
58	Existing Bond Proceeds		ExistingBond	0	0	0	0	0	0	0
59	Additional Senior Lien Debt 1		Senior1	0	0	0	4,740,940	0	0	4,740,940
60	Additional Senior Lien Debt 2		Senior2	0	0	0	0	0	0	0
61	Additional Senior Lien Debt 3		Senior3	0	0	0	0	0	0	0
62	Additional Senior Lien Debt 4		Senior4	0	0	0	0	0	0	0
63	Additional Subordinate Lien Debt 1		Junior1	0	515,000	0	5,463,635	0	0	5,978,635
64	Additional Subordinate Lien Debt 2		Junior2	0	0	0	0	0	0	0
65	Additional Subordinate Lien Debt 3		Junior3	0	0	0	0	0	0	0
66	Additional Subordinate Lien Debt 4		Junior4	0	0	0	0	0	0	0
67	Assessments		Assessments	0	0	0	0	0	0	0
68	Unfunded / Other Funding Sources		Other	0	256,307	257,121	257,959	258,823	0	1,030,211
69	Subtotal Water Funding Sources			\$2,586,355	\$3,332,901	\$1,475,300	\$13,480,834	\$1,039,082	\$803,667	\$22,718,138
<b>Wastewater Funding Sources:</b>										
70	Wastewater Rates		S-Rates	\$333,891	\$606,464	\$347,975	\$358,414	\$369,167	\$380,242	\$2,396,154
71	Operating Fund		S-Op	520,000	0	0	0	0	0	520,000
72	Renewal and Replacement Fund		S-R&R	1,925,490	1,615,083	1,329,375	1,962,811	2,134,246	2,198,273	11,165,279
73	Wastewater Development Fees		S-Impact	455,600	0	0	0	0	0	455,600
74	Grants		Grant	304,873	1,298,709	989,709	0	0	0	2,593,291
75	Existing Bond Proceeds		ExistingBond	0	0	0	0	0	0	0
76	Additional Senior Lien Debt 1		Senior1	0	0	0	4,740,940	0	0	4,740,940
77	Additional Senior Lien Debt 2		Senior2	0	0	0	0	0	0	0
78	Additional Senior Lien Debt 3		Senior3	0	0	0	0	0	0	0
79	Additional Senior Lien Debt 4		Senior4	0	0	0	0	0	0	0
80	Additional Subordinate Lien Debt 1		Junior1	0	0	0	0	0	0	0
81	Additional Subordinate Lien Debt 2		Junior2	0	0	0	0	0	0	0
82	Additional Subordinate Lien Debt 3		Junior3	0	0	0	0	0	0	0
83	Additional Subordinate Lien Debt 4		Junior4	0	0	0	0	0	0	0
84	Assessments		Assessments	0	0	0	0	0	0	0
85	Unfunded / Other Funding Sources		Other	0	236,087	236,837	237,609	238,404	0	948,936
86	Subtotal Wastewater Funding Sources			\$3,539,854	\$3,756,343	\$2,903,896	\$7,299,774	\$2,741,817	\$2,578,515	\$22,820,199

**Table 1-13**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Capital Improvement Program Funding Plan**

Line No.	Description	Escalation Reference	Funding Source	Fiscal Year Ending September 30,					Total CIP	
				2022	2023	2024	2025	2026		2027
<b>Total Funding Sources:</b>										
87	Water & Wastewater Rates		Rates	\$481,536	\$1,019,700	\$503,928	\$519,045	\$534,617	\$550,655	\$3,609,481
88	Operating Fund		Op	2,059,000	798,250	58,350	211,904	0	0	3,127,503
89	Renewal and Replacement Fund		R&R	2,825,200	2,965,191	2,333,252	2,559,713	2,749,055	2,831,527	16,263,938
90	Water and Wastewater Development Fees		Impact Fees	455,600	0	0	1,721,045	0	0	2,176,645
91	Grants		Grant	304,873	1,298,709	989,709	327,818	0	0	2,921,109
92	Existing Bond Proceeds		ExistingBond	0	0	0	0	0	0	0
93	Additional Senior Lien Debt 1		Senior1	0	0	0	9,481,879	0	0	9,481,879
94	Additional Senior Lien Debt 2		Senior2	0	0	0	0	0	0	0
95	Additional Senior Lien Debt 3		Senior3	0	0	0	0	0	0	0
96	Additional Senior Lien Debt 4		Senior4	0	0	0	0	0	0	0
97	Additional Subordinate Lien Debt 1		Junior1	0	515,000	0	5,463,635	0	0	5,978,635
98	Additional Subordinate Lien Debt 2		Junior2	0	0	0	0	0	0	0
99	Additional Subordinate Lien Debt 3		Junior3	0	0	0	0	0	0	0
100	Additional Subordinate Lien Debt 4		Junior4	0	0	0	0	0	0	0
101	Assessments		Assessments	0	0	0	0	0	0	0
102	Unfunded / Other Funding Sources		Other	0	492,394	493,958	495,568	497,227	0	1,979,147
103	<b>Total Funding Sources</b>			<u>\$6,126,209</u>	<u>\$7,089,244</u>	<u>\$4,379,196</u>	<u>\$20,780,608</u>	<u>\$3,780,899</u>	<u>\$3,382,182</u>	<u>\$45,538,337</u>

## Footnotes:

[1] Original amounts as provided by staff and adjusted for inflation.

**Table 1-14**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Summary of Existing and Proposed Annual Debt Service Payments - Sinking Fund Basis**

Line No.	Description	Fiscal Year Ending September 30th,					
		2022	2023	2024	2025	2026	2027
<b>Water System:</b>							
<b><u>Existing Debt Service:</u></b>							
1	Utility System Refunding Revenue Note, Series 2016	\$451,283	\$451,259	\$451,442	\$451,404	\$451,143	\$0
2	SRF Loan - #WW640520	0	0	0	0	0	0
3	SRF 2017 Loan - #WW640530	0	0	0	0	0	0
4	Capital Improvement Revenue Note, Series 2014	0	0	0	0	0	0
5	Vehicle Lease 2016 Amer Cap Svc.	2,588	0	0	0	0	0
6	SRF Loan - #WW640531	0	0	0	0	0	0
7	<b>Total Existing Debt Service Payments</b>	<b>\$453,871</b>	<b>\$451,259</b>	<b>\$451,442</b>	<b>\$451,404</b>	<b>\$451,143</b>	<b>\$0</b>
<b><u>Proposed Debt Service:</u></b>							
<b><u>Proposed Senior Lien Debt:</u></b>							
8	Additional Senior Lien Debt 1	\$0	\$0	\$0	\$407,100	\$407,100	\$407,100
9	Additional Senior Lien Debt 2	0	0	0	0	0	0
10	Additional Senior Lien Debt 3	0	0	0	0	0	0
11	Additional Senior Lien Debt 4	0	0	0	0	0	0
12	<b>Total Proposed Senior Lien Debt Service Payments</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$407,100</b>	<b>\$407,100</b>	<b>\$407,100</b>
<b><u>Proposed Subordinate Lien Debt:</u></b>							
13	Additional Subordinate Lien Debt 1	\$0	\$0	\$0	\$0	\$199,016	\$398,033
14	Additional Subordinate Lien Debt 2	0	0	0	0	0	0
15	Additional Subordinate Lien Debt 3	0	0	0	0	0	0
16	Additional Subordinate Lien Debt 4	0	0	0	0	0	0
17	<b>Total Proposed Subordinate Lien Debt Service Payments</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$199,016</b>	<b>\$398,033</b>
18	<b>Total Proposed Debt Service Payments</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$407,100</b>	<b>\$606,116</b>	<b>\$805,133</b>
19	<b>Total Existing and Proposed Debt Service Payments</b>	<b>\$453,871</b>	<b>\$451,259</b>	<b>\$451,442</b>	<b>\$858,504</b>	<b>\$1,057,259</b>	<b>\$805,133</b>
<b>Wastewater System</b>							
<b><u>Existing Debt Service:</u></b>							
20	Utility System Refunding Revenue Note, Series 2016	\$623,200	\$623,167	\$623,421	\$623,367	\$623,007	\$0
21	SRF Loan - #WW640520	383,969	383,969	383,969	383,969	383,969	383,969
22	SRF 2017 Loan - #WW640530	18,367	18,367	18,367	18,367	18,367	18,367
23	Capital Improvement Revenue Note, Series 2014	36,689	36,597	30,362	0	0	0
24	Vehicle Lease 2016 Amer Cap Svc.	2,588	0	0	0	0	0
25	SRF Loan - #WW640531	206,681	206,681	206,681	206,681	206,681	206,681
26	<b>Total Existing Debt Service Payments</b>	<b>\$1,271,494</b>	<b>\$1,268,781</b>	<b>\$1,262,799</b>	<b>\$1,232,384</b>	<b>\$1,232,024</b>	<b>\$609,017</b>
<b><u>Proposed Debt Service:</u></b>							
<b><u>Proposed Senior Lien Debt:</u></b>							
27	Additional Senior Lien Debt 1	\$0	\$0	\$0	\$407,100	\$407,100	\$407,100
28	Additional Senior Lien Debt 2	0	0	0	0	0	0
29	Additional Senior Lien Debt 3	0	0	0	0	0	0
30	Additional Senior Lien Debt 4	0	0	0	0	0	0
31	<b>Total Proposed Senior Lien Debt Service Payments</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$407,100</b>	<b>\$407,100</b>	<b>\$407,100</b>
<b><u>Proposed Subordinate Lien Debt:</u></b>							
32	Additional Subordinate Lien Debt 1	\$0	\$0	\$0	\$0	\$0	\$0
33	Additional Subordinate Lien Debt 2	0	0	0	0	0	0
34	Additional Subordinate Lien Debt 3	0	0	0	0	0	0
35	Additional Subordinate Lien Debt 4	0	0	0	0	0	0
36	<b>Total Proposed Subordinate Lien Debt Service Payments</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
37	<b>Total Proposed Debt Service Payments</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$407,100</b>	<b>\$407,100</b>	<b>\$407,100</b>

**Table 1-14**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Summary of Existing and Proposed Annual Debt Service Payments - Sinking Fund Basis**

Line No.	Description	Fiscal Year Ending September 30th,					
		2022	2023	2024	2025	2026	2027
38	<b>Total Existing and Proposed Debt Service Payments</b>	<u>\$1,271,494</u>	<u>\$1,268,781</u>	<u>\$1,262,799</u>	<u>\$1,639,484</u>	<u>\$1,639,124</u>	<u>\$1,016,117</u>
<b>Combined System</b>							
<b><u>Existing Debt Service:</u></b>							
39	Utility System Refunding Revenue Note, Series 2016	1,074,483	1,074,426	1,074,863	1,074,771	1,074,150	0
40	SRF Loan - #WW640520	383,969	383,969	383,969	383,969	383,969	383,969
41	SRF 2017 Loan - #WW640530	18,367	18,367	18,367	18,367	18,367	18,367
42	Capital Improvement Revenue Note, Series 2014	36,689	36,597	30,362	0	0	0
43	Vehicle Lease 2016 Amer Cap Svc.	5,176	0	0	0	0	0
44	SRF Loan - #WW640531	206,681	206,681	206,681	206,681	206,681	206,681
45	Total Existing Debt Service Payments	<u>\$1,725,365</u>	<u>\$1,720,039</u>	<u>\$1,714,241</u>	<u>\$1,683,788</u>	<u>\$1,683,167</u>	<u>\$609,017</u>
<b><u>Proposed Debt Service:</u></b>							
<b><u>Proposed Senior Lien Debt:</u></b>							
46	Additional Senior Lien Debt 1	\$0	\$0	\$0	\$814,200	\$814,200	\$814,200
47	Additional Senior Lien Debt 2	0	0	0	0	0	0
48	Additional Senior Lien Debt 3	0	0	0	0	0	0
49	Additional Senior Lien Debt 4	0	0	0	0	0	0
50	Total Proposed Senior Lien Debt Service Payments	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$814,200</u>	<u>\$814,200</u>	<u>\$814,200</u>
<b><u>Proposed Subordinate Lien Debt:</u></b>							
51	Additional Subordinate Lien Debt 1	\$0	\$0	\$0	\$0	\$199,016	\$398,033
52	Additional Subordinate Lien Debt 2	0	0	0	0	0	0
53	Additional Subordinate Lien Debt 3	0	0	0	0	0	0
54	Additional Subordinate Lien Debt 4	0	0	0	0	0	0
55	Total Proposed Subordinate Lien Debt Service Payments	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$199,016</u>	<u>\$398,033</u>
56	Total Proposed Debt Service Payments	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$814,200</u>	<u>\$1,013,216</u>	<u>\$1,212,233</u>
57	<b>Total Existing and Proposed Debt Service Payments</b>	<u>\$1,725,365</u>	<u>\$1,720,039</u>	<u>\$1,714,241</u>	<u>\$2,497,988</u>	<u>\$2,696,383</u>	<u>\$1,821,250</u>



**Table 1-15**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Renewal and Replacement Fund Transfers**

Line No.	Description	Budget	Fiscal Year Ending September 30th,				
		2022	2023	2024	2025	2026	2027
<b>Renewal and Replacement Fund Transfer</b>							
1	Prior Fiscal Year	2021	2022	2023	2024	2025	2026
2	Prior Fiscal Year Rate Revenues	\$14,302,091	\$13,815,851	\$14,019,876	\$14,569,983	\$15,119,324	\$15,683,166
3	Renewal and Replacement Minimum Fund Balance [1]	\$1,995,458	\$2,219,633	\$2,302,405	\$2,723,340	\$2,760,001	\$2,773,516
4	Renewal and Replacement Fund Balance Ending Balance	\$4,992,075	\$3,961,103	\$3,660,733	\$3,286,518	\$2,805,361	\$2,326,309
5	Minimum Required Transfer	\$0	\$0	\$0	\$0	\$0	\$447,207
6	Renewal and Replacement Transfer Factor (% of Revenue)	13.5%	14.0%	14.5%	15.0%	15.0%	15.0%
7	Renewal and Replacement Fund Transfer Amount	\$1,930,782	\$1,934,219	\$2,032,882	\$2,185,497	\$2,267,899	\$2,352,475
8	Additional Deposit to Meet Minimum Required Transfer	0	0	0	0	0	0
9	Renewal and Replacement Fund Transfer Amount	\$1,930,782	\$1,934,219	\$2,032,882	\$2,185,497	\$2,267,899	\$2,352,475
10	Water Percentage (% of Total Revenues)	46.31%	46.31%	46.31%	46.31%	46.31%	46.31%
11	Wastewater Percentage (% of Total Revenues)	53.69%	53.69%	53.69%	53.69%	53.69%	53.69%
12	Water Allocation of Transfer - Subtotal	\$894,081	\$895,672	\$941,360	\$1,012,031	\$1,050,188	\$1,089,353
13	Wastewater Allocation of Transfer - Subtotal	1,036,701	1,038,547	1,091,522	1,173,466	1,217,710	1,263,122
14	Annual Renewal and Replacement Transfer - Subtotal	\$1,930,782	\$1,934,219	\$2,032,882	\$2,185,497	\$2,267,899	\$2,352,475
Additional Deposits:							
15	Water	\$0	\$0	\$0	\$0	\$0	\$0
16	Wastewater	0	0	0	0	0	0
17	Total Additional Deposits	\$0	\$0	\$0	\$0	\$0	\$0
18	Water Allocation of Transfer	\$894,081	\$895,672	\$941,360	\$1,012,031	\$1,050,188	\$1,089,353
19	Wastewater Allocation of Transfer	1,036,701	1,038,547	1,091,522	1,173,466	1,217,710	1,263,122
20	Annual Renewal and Replacement Transfer	\$1,930,782	\$1,934,219	\$2,032,882	\$2,185,497	\$2,267,899	\$2,352,475

**Footnotes:**

[1] Per the Bond Resolution, this amount is based on 5% of the value of the fixed assets of the System.



**Table 1-17**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Operating and Other Transfers**

Line No.	Description	Budget	Fiscal Year Ending September 30th,				
		2022	2023	2024	2025	2026	2027
<b>Payment In Lieu of Franchise Fees</b>							
1	Prior Year	2021	2022	2023	2024	2025	2026
2	Prior Year Revenues	\$14,302,091	\$13,815,851	\$14,019,876	\$14,569,983	\$15,119,324	\$15,683,166
3	Payment In Lieu of Franchise Fees Factor (% of Revenue)	5.1%	5.9%	5.9%	5.9%	5.9%	5.9%
4	Payment In Lieu of Franchise Fees Amount	\$733,879	\$815,135	\$827,173	\$859,629	\$892,040	\$925,307
5	Water Percentage (% of Total Revenues)	46.3%	46.3%	46.3%	46.3%	46.3%	46.3%
6	Wastewater Percentage (% of Total Revenues)	53.7%	53.7%	53.7%	53.7%	53.7%	53.7%
7	Water Allocation of Transfer	\$339,835	\$377,462	\$383,036	\$398,066	\$413,074	\$428,479
8	Wastewater Allocation of Transfer	394,044	437,673	444,137	461,563	478,966	496,828
9	Annual Payment In Lieu of Franchise Fees	<u>\$733,879</u>	<u>\$815,135</u>	<u>\$827,173</u>	<u>\$859,629</u>	<u>\$892,040</u>	<u>\$925,307</u>

**Table 1-18**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Ending Cash Balances and Interest Income**

Line No.	Description	Investment Reference		Projected Fiscal Year Ending September 30,					
		Cash Balance	Interest Income	2022	2023	2024	2025	2026	2027
<b>Year End Cash Balances Roll-Up:</b>									
1	Water and Wastewater Operating Fund (440)	(U)	(U)	\$7,411,780	\$6,148,917	\$6,118,257	\$5,033,928	\$3,904,670	\$3,952,919
2	Charter Reserve Fund	(U)	(U)	1,703,379	1,774,615	1,845,851	1,917,086	1,988,322	2,059,558
3	Customer Deposits (Sub 440A)	(R)	(R)	785,068	787,031	788,998	790,971	792,948	794,931
4	Water Development Fee Fund (442)	(R)	(R)	1,274,344	1,563,435	1,772,526	178,222	262,767	347,523
5	Wastewater Development Fee Fund (443)	(R)	(R)	459,198	842,294	1,114,875	1,276,663	1,383,119	1,489,841
6	Renewal and Replacement Fund (444)	(U)	(U)	4,992,075	3,961,103	3,660,733	3,286,518	2,805,361	2,326,309
7	Rate Stabilization Fund (445)	(U)	(U)	0	0	0	0	0	0
8	Debt Service Reserve Fund	(R)	(U)	1,512,432	1,512,432	1,512,432	1,512,432	1,512,432	1,512,432
9	Proposed Bonds Construction Fund	(R)	(R)	0	0	0	0	0	0
10	Total Ending Cash Balances			\$18,138,276	\$16,589,827	\$16,813,672	\$13,995,820	\$12,649,619	\$12,483,512
11	Unrestricted Reserves (Operating, Rate Stabilization, and R&R)			\$12,403,855	\$10,110,020	\$9,778,990	\$8,320,446	\$6,710,032	\$6,279,228
12	Days of Revenues			345	276	256	209	162	146
13	Unrestricted Reserves (Operating, Rate Stabilization, Charter Reserve, and R&R)			\$14,107,234	\$11,884,635	\$11,624,841	\$10,237,532	\$8,698,354	\$8,338,786
14	Days of Revenues			393	325	304	257	210	193
<b>Water and Wastewater Operating Fund (440)</b>									
15	Beginning Balance			\$7,363,179	\$7,411,780	\$6,148,917	\$6,118,257	\$5,033,928	\$3,904,670
16	Transfers In - Revenue Requirements			13,114,226	13,361,369	13,955,723	14,547,441	15,134,850	15,745,870
17	Transfers In - Rate Stabilization Fund (As Cash Transfer Not Revenue)			1,307,504	0	0	0	0	0
18	Transfers In - R&R Fund			0	0	0	0	0	0
19	Transfers In - Charter Reserve Fund			0	0	0	0	0	0
20	Transfers In - Operating Transfer			0	0	0	0	0	0
21	Transfers In - Other / GF FEMA Loan Repayment			3,400	0	0	0	0	0
22	Transfers In - Debt Service Reserve			0	0	0	0	0	0
23	Transfers Out - Revenue Requirements			12,317,529	13,825,982	13,928,034	15,419,866	16,264,108	15,697,622
24	Transfers Out - Capital Improvements			2,059,000	798,250	58,350	211,904	0	0
25	Transfers Out - R&R Fund			0	0	0	0	0	0
26	Transfers Out - Operating Transfer			0	0	0	0	0	0
27	Interest Rate			0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
28	Interest Income		(U)	\$18,469	\$16,951	\$15,334	\$13,940	\$11,173	\$9,822
29	Recognition of Interest Income in Revenue Requirements			\$18,469	\$16,951	\$15,334	\$13,940	\$11,173	\$9,822
30	Ending Balance		(U)	\$7,411,780	\$6,148,917	\$6,118,257	\$5,033,928	\$3,904,670	\$3,952,919
31	Target Days of Available Cash: 90 Days of Revenue			3,233,645	3,294,584	3,441,137	3,587,040	3,731,881	3,882,543
32	Calculated Days of Available Cash (Revenue)			206	168	160	126	94	92
33	Percent Allocable to Water System			44.70%	44.75%	44.63%	44.63%	44.64%	44.65%
34	Percent Allocable to Wastewater System			55.30%	55.25%	55.37%	55.37%	55.36%	55.35%
35	Amount Allocable to Water System			\$8,255	\$7,586	\$6,843	\$6,221	\$4,987	\$4,385
36	Amount Allocable to Wastewater System			10,214	9,365	8,491	7,719	6,186	5,437
<b>Customer Deposits (Sub 440A)</b>									
37	Beginning Balance			\$783,110	\$785,068	\$787,031	\$788,998	\$790,971	\$792,948
38	Transfers In			0	0	0	0	0	0
39	Transfers Out			0	0	0	0	0	0
40	Interest Rate			0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
41	Interest Income		(R)	\$1,958	\$1,963	\$1,968	\$1,972	\$1,977	\$1,982
42	Recognition of Interest Income in Revenue Requirements			\$0	\$0	\$0	\$0	\$0	\$0
43	Ending Balance		(R)	\$785,068	\$787,031	\$788,998	\$790,971	\$792,948	\$794,931
44	Percent Allocable to Water System			52.05%	52.05%	52.05%	52.05%	52.05%	52.05%
45	Percent Allocable to Wastewater System			47.95%	47.95%	47.95%	47.95%	47.95%	47.95%
46	Amount Allocable to Water System			\$0	\$0	\$0	\$0	\$0	\$0
47	Amount Allocable to Wastewater System			0	0	0	0	0	0
<b>Water Development Fee Fund (442)</b>									
48	Beginning Balance			\$905,453	\$1,274,344	\$1,563,435	\$1,772,526	\$178,222	\$262,767
49	Transfers In			411,170	330,548	249,927	169,305	128,994	128,994
50	Transfers Out - CIP			0	0	0	1,721,045	0	0
51	Transfers Out - R&R Fund			0	0	0	0	0	0
52	Transfers Out - Debt Payment			45,000	45,000	45,000	45,000	45,000	45,000
53	Interest Rate			0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
54	Interest Income		(R)	\$2,721	\$3,543	\$4,165	\$2,435	\$551	\$762
55	Recognition of Interest Income in Revenue Requirements			\$0	\$0	\$0	\$0	\$0	\$0
56	Ending Balance		(R)	\$1,274,344	\$1,563,435	\$1,772,526	\$178,222	\$262,767	\$347,523
57	Percent Allocable to Water System			100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
58	Percent Allocable to Wastewater System			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
59	Amount Allocable to Water System			\$0	\$0	\$0	\$0	\$0	\$0
60	Amount Allocable to Wastewater System			0	0	0	0	0	0

**Table 1-18**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Ending Cash Balances and Interest Income**

Line No.	Description	Investment Reference		Projected Fiscal Year Ending September 30,					
		Cash Balance	Interest Income	2022	2023	2024	2025	2026	2027
<b>Wastewater Development Fee Fund (443)</b>									
61	Beginning Balance			\$420,893	\$459,198	\$842,294	\$1,114,875	\$1,276,663	\$1,383,119
62	Transfers In			567,806	456,471	345,137	233,802	178,135	178,135
63	Transfers Out - CIP			455,600	0	0	0	0	0
64	Transfers Out - R&R Fund			0	0	0	0	0	0
65	Transfers Out - Debt Payment			75,000	75,000	75,000	75,000	75,000	75,000
66	Interest Rate			0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
67	Interest Income		(R)	\$1,099	\$1,625	\$2,443	\$2,986	\$3,321	\$3,587
	Recognition of Interest Income in Revenue Requirements			\$0	\$0	\$0	\$0	\$0	\$0
68	Ending Balance	(R)		\$459,198	\$842,294	\$1,114,875	\$1,276,663	\$1,383,119	\$1,489,841
70	Percent Allocable to Water System			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
71	Percent Allocable to Wastewater System			100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
72	Amount Allocable to Water System			\$0	\$0	\$0	\$0	\$0	\$0
73	Amount Allocable to Wastewater System			0	0	0	0	0	0
<b>Renewal and Replacement Fund (444)</b>									
74	Beginning Balance			\$5,886,493	\$4,992,075	\$3,961,103	\$3,660,733	\$3,286,518	\$2,805,361
75	Transfers In - Annual Operations			1,930,782	1,934,219	2,032,882	2,185,497	2,267,899	2,352,475
76	Transfers In - Impact Fee Funds			0	0	0	0	0	0
77	Transfers In - Fund 401			0	0	0	0	0	0
78	Transfers Out - CIP			2,825,200	2,965,191	2,333,252	2,559,713	2,749,055	2,831,527
79	Transfers Out - Fund 401			0	0	0	0	0	0
80	Interest Rate			0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
81	Interest Income		(U)	\$13,598	\$11,191	\$9,527	\$8,684	\$7,615	\$6,415
	Recognition of Interest Income in Revenue Requirements			\$13,598	\$11,191	\$9,527	\$8,684	\$7,615	\$6,415
82	Ending Balance	(U)		\$4,992,075	\$3,961,103	\$3,660,733	\$3,286,518	\$2,805,361	\$2,326,309
84	Percent Allocable to Water System			46.31%	46.31%	46.31%	46.31%	46.31%	46.31%
85	Percent Allocable to Wastewater System			53.69%	53.69%	53.69%	53.69%	53.69%	53.69%
86	Amount Allocable to Water System			\$6,297	\$5,182	\$4,412	\$4,021	\$3,526	\$2,970
87	Amount Allocable to Wastewater System			7,301	6,009	5,116	4,663	4,089	3,444
<b>Rate Stabilization Fund (445)</b>									
88	Beginning Balance			\$1,307,504	\$0	\$0	\$0	\$0	\$0
89	Transfers In			0	0	0	0	0	0
90	Transfers Out - As Cash			1,307,504	0	0	0	0	0
91	Transfers Out - As Revenue			0	0	0	0	0	0
92	Interest Rate			0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
93	Interest Income		(U)	\$1,634	\$0	\$0	\$0	\$0	\$0
	Recognition of Interest Income in Revenue Requirements			\$1,634	\$0	\$0	\$0	\$0	\$0
94	Ending Balance	(U)		\$0	\$0	\$0	\$0	\$0	\$0
96	Percent Allocable to Water System			44.91%	44.91%	44.91%	44.91%	44.91%	44.91%
97	Percent Allocable to Wastewater System			55.09%	55.09%	55.09%	55.09%	55.09%	55.09%
98	Amount Allocable to Water System			\$734	\$0	\$0	\$0	\$0	\$0
99	Amount Allocable to Wastewater System			900	0	0	0	0	0
<b>Charter Reserve Fund</b>									
100	Beginning Balance			\$1,632,143	\$1,703,379	\$1,774,615	\$1,845,851	\$1,917,086	\$1,988,322
101	Transfers In			71,236	71,236	71,236	71,236	71,236	71,236
102	Transfers Out			0	0	0	0	0	0
103	Interest Rate			0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
104	Interest Income		(U)	\$4,169	\$4,347	\$4,526	\$4,704	\$4,882	\$5,060
	Recognition of Interest Income in Revenue Requirements			\$4,169	\$4,347	\$4,526	\$4,704	\$4,882	\$5,060
105	Ending Balance	(U)		\$1,703,379	\$1,774,615	\$1,845,851	\$1,917,086	\$1,988,322	\$2,059,558
107	Percent Allocable to Water System			44.91%	44.91%	44.91%	44.91%	44.91%	44.91%
108	Percent Allocable to Wastewater System			55.09%	55.09%	55.09%	55.09%	55.09%	55.09%
109	Amount Allocable to Water System			\$1,872	\$1,952	\$2,032	\$2,112	\$2,192	\$2,272
110	Amount Allocable to Wastewater System			2,297	2,395	2,493	2,591	2,689	2,788

**Table 1-18**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Ending Cash Balances and Interest Income**

Line No.	Description	Investment Reference		Projected Fiscal Year Ending September 30,					
		Cash Balance	Interest Income	2022	2023	2024	2025	2026	2027
<b>Debt Service Reserve Fund</b>									
111	Beginning Balance			\$1,512,432	\$1,512,432	\$1,512,432	\$1,512,432	\$1,512,432	\$1,512,432
112	Transfers In - Additional Senior Lien Debt 1			0	0	0	0	0	0
113	Transfers In - Additional Senior Lien Debt 2			0	0	0	0	0	0
114	Transfers In - Additional Senior Lien Debt 3			0	0	0	0	0	0
115	Transfers In - Additional Senior Lien Debt 4			0	0	0	0	0	0
116	Transfers Out - Other			\$0	\$0	\$0	\$0	\$0	\$0
117	Transfers Out - Other			0	0	0	0	0	0
118	Transfers Out - Additional Senior Lien Debt 1			0	0	0	0	0	0
119	Transfers Out - Additional Senior Lien Debt 2			0	0	0	0	0	0
120	Transfers Out - Additional Senior Lien Debt 3			0	0	0	0	0	0
121	Transfers Out - Additional Senior Lien Debt 4			0	0	0	0	0	0
122	Interest Rate			0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
123	Interest Income		(U)	\$3,781	\$3,781	\$3,781	\$3,781	\$3,781	\$3,781
	Recognition of Interest Income								
124	in Revenue Requirements			\$3,781	\$3,781	\$3,781	\$3,781	\$3,781	\$3,781
125	Ending Balance		(R)	\$1,512,432	\$1,512,432	\$1,512,432	\$1,512,432	\$1,512,432	\$1,512,432
126	Percent Allocable to Water System			50.00%	50.00%	50.00%	50.00%	50.00%	50.00%
127	Percent Allocable to Wastewater System			50.00%	50.00%	50.00%	50.00%	50.00%	50.00%
128	Amount Allocable to Water System			\$1,891	\$1,891	\$1,891	\$1,891	\$1,891	\$1,891
129	Amount Allocable to Wastewater System			1,891	1,891	1,891	1,891	1,891	1,891
<b>Proposed Bonds Construction Fund</b>									
130	Beginning Balance			\$0	\$0	\$0	\$0	\$0	\$0
131	Transfers In			0	0	0	9,481,879	0	0
132	Transfers Out - CIP			0	0	0	9,481,879	0	0
133	Interest Rate			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
134	Interest Income		(R)	\$0	\$0	\$0	\$0	\$0	\$0
	Recognition of Interest Income								
135	in Revenue Requirements			\$0	\$0	\$0	\$0	\$0	\$0
136	Ending Balance		(R)	\$0	\$0	\$0	\$0	\$0	\$0
137	Percent Allocable to Water System			50.00%	50.00%	50.00%	50.00%	50.00%	50.00%
138	Percent Allocable to Wastewater System			50.00%	50.00%	50.00%	50.00%	50.00%	50.00%
139	Amount Allocable to Water System			\$0	\$0	\$0	\$0	\$0	\$0
140	Amount Allocable to Wastewater System			0	0	0	0	0	0
<b>Debt Service Sinking Fund</b>									
141	Annual Debt Service Payment			\$1,725,365	\$1,720,039	\$1,714,241	\$2,497,988	\$2,696,383	\$1,821,250
142	Average Balance		(R)	431,341	430,010	428,560	624,497	674,096	455,312
143	Interest Rate			0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
144	Interest Income		(U)	\$1,078	\$1,075	\$1,071	\$1,561	\$1,685	\$1,138
	Recognition of Interest Income								
145	in Revenue Requirements			\$1,078	\$1,075	\$1,071	\$1,561	\$1,685	\$1,138
146	Percent Allocable to Water System			26.31%	26.24%	26.33%	34.37%	39.21%	44.21%
147	Percent Allocable to Wastewater System			73.69%	73.76%	73.67%	65.63%	60.79%	55.79%
148	Amount Allocable to Water System			\$284	\$282	\$282	\$537	\$661	\$503
149	Amount Allocable to Wastewater System			795	793	789	1,025	1,024	635
<b>Interest Income:</b>									
150	Unrestricted Interest Income - Water (Includes GF Payback Interest)			18598,23328	\$16,893	\$15,460	\$14,782	\$13,257	\$12,022
151	Unrestricted Interest Income - Wastewater (Includes GF Payback Interest)			22,498	20,453	18,779	17,888	15,879	14,194
152	Total Unrestricted Interest Income			\$41,096	\$37,346	\$34,239	\$32,670	\$29,136	\$26,216
153	Restricted Interest Income			\$5,778	\$7,130	\$8,576	\$7,394	\$5,849	\$6,331
154	<b>Total Interest Income</b>			<b>\$46,874</b>	<b>\$44,476</b>	<b>\$42,815</b>	<b>\$40,064</b>	<b>\$34,985</b>	<b>\$32,547</b>

**Table 1-19**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Water System Revenue Requirements**

Line No.	Description	Fiscal Year Ending September 30th,					
		2022	2023	2024	2025	2026	2027
<b><u>Operating Expenses: [1]</u></b>							
1	Administration Department	\$549,816	\$530,580	\$558,906	\$588,329	\$619,429	\$652,292
2	Water Department	2,056,333	2,173,850	2,292,731	2,412,035	2,537,000	2,669,026
3	Field Operations Department	756,964	1,094,339	1,143,253	1,190,914	1,241,588	1,118,933
4	Non-Departmental	266,397	279,721	293,571	307,934	323,008	338,825
5	Contingency - 1.00% of O&M	36,295	40,785	42,885	44,992	47,210	47,791
6	Bad Debt Expense - 0.25% of Rate Revenues	14,654	14,949	15,571	16,230	16,889	17,575
8	Total Operating Expenses	\$3,680,458	\$4,134,225	\$4,346,917	\$4,560,434	\$4,785,125	\$4,844,441
<b><u>Debt Service Payments:</u></b>							
<b><u>Existing Debt Service: [2]</u></b>							
9	Utility System Refunding Revenue Note, Series 2016	\$451,283	\$451,259	\$451,442	\$451,404	\$451,143	\$0
14	Vehicle Lease 2016 Amer Cap Svc.	2,588	0	0	0	0	0
16	Total Existing Debt Service Payments	\$453,871	\$451,259	\$451,442	\$451,404	\$451,143	\$0
<b><u>Proposed Debt Service: [3]</u></b>							
17	Additional Senior Lien Debt 1	\$0	\$0	\$0	\$407,100	\$407,100	\$407,100
18	Additional Senior Lien Debt 2	0	0	0	0	0	0
19	Additional Senior Lien Debt 3	0	0	0	0	0	0
20	Additional Senior Lien Debt 4	0	0	0	0	0	0
21	Additional Subordinate Lien Debt 1	\$0	\$0	\$0	\$0	\$199,016	\$398,033
22	Additional Subordinate Lien Debt 2	0	0	0	0	0	0
23	Additional Subordinate Lien Debt 3	0	0	0	0	0	0
24	Additional Subordinate Lien Debt 4	0	0	0	0	0	0
25	Total Proposed Debt Service Payments	\$0	\$0	\$0	\$407,100	\$606,116	\$805,133
26	Total Annual Debt Service Payments	\$453,871	\$451,259	\$451,442	\$858,504	\$1,057,259	\$805,133
<b><u>Other Revenue Requirements:</u></b>							
27	General Fund Cost Allocation Transfer	\$0	\$0	\$0	\$0	\$0	\$0
28	Payment In Lieu of Franchise Fees [4]	\$339,835	\$377,462	\$383,036	\$398,066	\$413,074	\$428,479
29	Renewal and Replacement Fund Transfer [5]	894,081	895,672	941,360	1,012,031	1,050,188	1,089,353
30	Capital Funded From Rates [6]	147,645	413,236	155,952	160,631	165,450	170,413
31	Transfer to Capital Fund (General)	0	0	0	0	0	0
32	Transfer to Operating Reserves	0	0	0	0	0	0
32	Transfer to Charter Reserve Fund	31,839	31,880	31,792	31,791	31,798	31,804
33	Transfer to Rate Stabilization Fund	0	0	0	0	0	0
34	Total Other Revenue Requirements	\$1,413,400	\$1,718,251	\$1,512,140	\$1,602,518	\$1,660,510	\$1,720,048
35	<b>Gross Revenue Requirements</b>	<b>\$5,547,730</b>	<b>\$6,303,735</b>	<b>\$6,310,499</b>	<b>\$7,021,456</b>	<b>\$7,502,894</b>	<b>\$7,369,622</b>
<b><u>Other Revenues and Financial Resources:</u></b>							
36	Other Operating Revenues	\$378,375	\$350,693	\$322,446	\$293,633	\$279,538	\$280,443
37	Unrestricted Interest Income [7]	18,598	16,893	15,460	14,782	13,257	12,022
38	Development Fees Used for Debt Service Payments	45,000	45,000	45,000	45,000	45,000	45,000
39	Transfers from Operating Reserves	0	0	0	0	0	0
40	Transfer from Rate Stabilization	0	0	0	0	0	0
41	Total Other Revenues and Financial Resources	\$441,973	\$412,586	\$382,906	\$353,415	\$337,795	\$337,464
42	<b>Net Revenue Requirements</b>	<b>\$5,105,757</b>	<b>\$5,891,148</b>	<b>\$5,927,593</b>	<b>\$6,668,041</b>	<b>\$7,165,099</b>	<b>\$7,032,158</b>

**Table 1-19**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Water System Revenue Requirements**

Line No.	Description	Fiscal Year Ending September 30th,					
		2022	2023	2024	2025	2026	2027
<b>Revenue From Existing Water Rates:</b>							
43	Existing Rate Revenue	\$5,159,803	\$5,242,855	\$5,305,802	\$5,348,645	\$5,381,434	\$5,414,224
44	Prior Year Rate Adjustments	0	0	0	187,200	383,290	588,620
45	Total Rate Revenue Before Current Year Adjustment	\$5,159,803	\$5,242,855	\$5,305,802	\$5,535,845	\$5,764,724	\$6,002,844
<b>Revenue From Existing Wholesale Water Rates:</b>							
46	Existing Rate Revenue	\$701,707	\$701,707	\$701,707	\$701,707	\$701,707	\$701,707
47	Prior Year Rate Adjustments	0	0	0	24,560	49,980	76,290
48	Total Rate Revenue Before Current Year Adjustment	\$701,707	\$701,707	\$701,707	\$726,267	\$751,687	\$777,997
<b><u>Current Year Rate Adjustment - Water</u></b>							
49	Current Year Water Rate Adjustment	0.00%	0.00%	3.50%	3.50%	3.50%	3.50%
	Effective Month	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.
50	Percent of Current Year Effective	17%	100%	100%	100%	100%	100%
51	Total Revenue From Current Year Adjustments	\$0	\$0	\$185,703	\$193,755	\$201,765	\$210,100
<b><u>Current Year Rate Adjustment - Wholesale Water</u></b>							
52	Current Year Water Rate Adjustment	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%
	Effective Month	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.
53	Percent of Current Year Effective	17%	100%	100%	100%	100%	100%
54	Total Revenue From Current Year Adjustments	\$0	\$35,085	\$35,085	\$36,313	\$37,584	\$38,900
55	<b>Total Revenue From Rates</b>	\$5,861,509	\$5,979,647	\$6,228,297	\$6,492,179	\$6,755,761	\$7,029,840
56	<b>Revenue Surplus / (Deficiency) [8]</b>	\$755,752	\$88,499	\$300,704	(\$175,862)	(\$409,338)	(\$2,318)

**Footnotes:**

- [1] Amounts derived from the City's Fiscal Year 2022 Budget and are escalated as shown on Table 1-9.
- [2] Payment amounts shown were based on debt service schedules provided by City Staff.
- [3] The proposed debt is based upon the funding of the capital improvement program. Initial payments shown may indicate a partial year's payment of debt service due to the timing of the instrument. The following indicated the estimated terms and conditions of the proposed debt.
- Additional Senior Lien Debt 1
- |  |             |  |
|--|-------------|--|
| Principal (Includes Project Costs and Costs of Issuance) | \$9,730,000 | (50.00% Allocated to the Water System) |
| Issue Date   | 10/1/2024   |  |
| Interest Rate  | 5.50%       |  |
| Term (Years)   | 20          |  |
| Annual Average Debt Service                              | \$814,200   |  |
- Additional Subordinate Lien Debt 1
- |  |             |   |
|--|-------------|---|
| Principal (Includes Project Costs and Costs of Issuance) | \$6,205,000 | (100.00% Allocated to the Water System) |
| Issue Date   | 4/1/2026    |   |
| Interest Rate  | 2.50%       |   |
| Term (Years)   | 20          |   |
| Annual Average Debt Service                              | \$398,033   |   |
- [4] Amount shown is a transfer to the City's General Fund and is based on 5.9% of the previous Fiscal Year's revenues.
- [5] Amounts are transfers to a Renewal and Replacement (R&R) Fund and are to be used for R&R related capital projects.
- [6] Amounts based on the proposed capital funding plan as shown in Table 1-13.
- [7] Interest income is estimated on earnings on projected fund balances from unrestricted reserves allocated to the water system.
- [8] The forecast assumes that any deficiencies will be funded from available operating reserves.



**Table 1-20**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Wastewater System Revenue Requirements**

Line No.	Description	Fiscal Year Ending September 30th,					
		2022	2023	2024	2025	2026	2027
<b><u>Operating Expenses: [1]</u></b>							
1	Administration Department	\$718,531	\$693,393	\$730,410	\$768,862	\$809,506	\$852,453
2	Wastewater Department	2,222,701	2,288,977	2,409,684	2,527,680	2,651,508	2,782,150
3	Wastewater Collection Department	736,836	780,155	823,026	865,077	909,368	956,216
4	Field Operations Department	524,927	812,044	845,851	878,803	913,832	788,487
5	Non-Departmental	290,927	305,458	320,573	336,263	352,729	370,008
6	Contingency - 1.00% of O&M	44,939	48,800	51,295	53,767	56,369	57,493
7	Bad Debt Expense - 0.25% of Rate Revenues	18,132	18,454	19,319	20,138	20,948	21,790
9	Total Operating Expenses	\$4,556,994	\$4,947,280	\$5,200,157	\$5,450,589	\$5,714,260	\$5,828,598
<b><u>Debt Service Payments:</u></b>							
<b><u>Existing Debt Service: [2]</u></b>							
10	Utility System Refunding Revenue Note, Series 2016	\$623,200	\$623,167	\$623,421	\$623,367	\$623,007	\$0
11	SRF Loan - #WW640520	383,969	383,969	383,969	383,969	383,969	383,969
12	SRF 2017 Loan - #WW640530	18,367	18,367	18,367	18,367	18,367	18,367
14	Capital Improvement Revenue Note, Series 2014	36,689	36,597	30,362	0	0	0
15	Vehicle Lease 2016 Amer Cap Svc.	2,588	0	0	0	0	0
16	SRF Loan - #WW640531	206,681	206,681	206,681	206,681	206,681	206,681
17	Total Existing Debt Service Payments	\$1,271,494	\$1,268,781	\$1,262,799	\$1,232,384	\$1,232,024	\$609,017
<b><u>Proposed Debt Service: [3]</u></b>							
18	Additional Senior Lien Debt 1	\$0	\$0	\$0	\$407,100	\$407,100	\$407,100
19	Additional Senior Lien Debt 2	0	0	0	0	0	0
20	Additional Senior Lien Debt 3	0	0	0	0	0	0
21	Additional Senior Lien Debt 4	0	0	0	0	0	0
22	Additional Subordinate Lien Debt 1	\$0	\$0	\$0	\$0	\$0	\$0
23	Additional Subordinate Lien Debt 2	0	0	0	0	0	0
24	Additional Subordinate Lien Debt 3	0	0	0	0	0	0
25	Additional Subordinate Lien Debt 4	0	0	0	0	0	0
26	Total Proposed Debt Service Payments	\$0	\$0	\$0	\$407,100	\$407,100	\$407,100
27	Total Annual Debt Service Payments	\$1,271,494	\$1,268,781	\$1,262,799	\$1,639,484	\$1,639,124	\$1,016,117
<b><u>Other Revenue Requirements:</u></b>							
28	General Fund Cost Allocation Transfer	\$0	\$0	\$0	\$0	\$0	\$0
29	Payment In Lieu of Franchise Fees [4]	\$394,044	\$437,673	\$444,137	\$461,563	\$478,966	\$496,828
30	Renewal and Replacement Fund Transfer [5]	1,036,701	1,038,547	1,091,522	1,173,466	1,217,710	1,263,122
31	Capital Funded From Rates [6]	333,891	606,464	347,975	358,414	369,167	380,242
32	Transfer to Capital Fund (General)	0	0	0	0	0	0
33	Transfer to Operating Reserves	0	0	0	0	0	0
33	Transfer to Charter Reserve Fund	39,396	39,355	39,444	39,445	39,438	39,432
34	Transfer to Rate Stabilization Fund	0	0	0	0	0	0
35	Total Other Revenue Requirements	\$1,804,033	\$2,122,039	\$1,923,078	\$2,032,889	\$2,105,281	\$2,179,624
36	<b>Gross Revenue Requirements</b>	\$7,632,520	\$8,338,101	\$8,386,034	\$9,122,963	\$9,458,666	\$9,024,339
<b><u>Other Revenues and Financial Resources:</u></b>							
37	Other Operating Revenues	\$323,250	\$307,814	\$291,814	\$278,249	\$268,777	\$269,680
38	Unrestricted Interest Income [7]	22,498	20,453	18,779	17,888	15,879	14,194
39	Development Fees Used for Debt Service Payments	75,000	75,000	75,000	75,000	75,000	75,000
40	Transfers from Operating Reserves	0	0	0	0	0	0
41	Transfer from Rate Stabilization	0	0	0	0	0	0
42	Total Other Revenues and Financial Resources	\$420,748	\$403,267	\$385,593	\$371,138	\$359,656	\$358,875
43	<b>Net Revenue Requirements</b>	\$7,211,772	\$7,934,834	\$8,000,441	\$8,751,825	\$9,099,009	\$8,665,464

**Table 1-20**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Wastewater System Revenue Requirements**

Line No.	Description	Fiscal Year Ending September 30th,					
		2022	2023	2024	2025	2026	2027
<b>Revenue From Existing Wastewater Rates:</b>							
44	Existing Wastewater Rate Revenue	\$6,879,120	\$7,001,855	\$7,094,685	\$7,157,611	\$7,205,584	\$7,253,558
45	Prior Year Rate Adjustments	0	0	0	250,520	513,220	788,590
46	Total Rate Revenue Before Current Year Adjustment	\$6,879,120	\$7,001,855	\$7,094,685	\$7,408,131	\$7,718,804	\$8,042,148
<b>Current Year Rate Adjustment</b>							
47	Current Year Wastewater Rate Adjustment	0.00%	0.00%	3.50%	3.50%	3.50%	3.50%
	Effective Month	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.
48	Percent of Current Year Effective	17%	100%	100%	100%	100%	100%
49	Total Revenue From Current Year Adjustments	\$0	\$0	\$248,314	\$259,285	\$270,158	\$281,475
<b>Revenue From Existing Reclaimed Rates:</b>							
50	Existing Reclaimed Rate Revenue	\$373,597	\$379,867	\$384,427	\$387,847	\$390,127	\$392,407
51	Prior Year Rate Adjustments	0	0	0	0	0	0
52	Total Rate Revenue Before Current Year Adjustment	\$373,597	\$379,867	\$384,427	\$387,847	\$390,127	\$392,407
<b>Current Year Rate Adjustment</b>							
53	Current Year Reclaimed Rate Adjustment	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	Effective Month	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.
54	Percent of Current Year Effective	17%	100%	100%	100%	100%	100%
55	Total Revenue From Current Year Adjustments	\$0	\$0	\$0	\$0	\$0	\$0
56	<b>Total Revenue From Rates</b>	\$7,252,717	\$7,381,722	\$7,727,426	\$8,055,262	\$8,379,090	\$8,716,030
57	<b>Revenue Surplus / (Deficiency) [8]</b>	\$40,945	(\$553,112)	(\$273,015)	(\$696,563)	(\$719,920)	\$50,566

**Footnotes:**

- [1] Amounts derived from the City's Fiscal Year 2022 Budget and are escalated as shown on Table 1-10.
- [2] Payment amounts shown were based on debt service schedules provided by City Staff.
- [3] The proposed debt is based upon the funding of the capital improvement program. Initial payments shown may indicate a partial year's payment of debt service due to the timing of the instrument. The following indicated the estimated terms and conditions of the proposed debt.
- Additional Senior Lien Debt 1
- |  |             |   |
|--|-------------|---|
| Principal (Includes Project Costs and Costs of Issuance) | \$9,730,000 | (50.00% Allocated to the Wastewater System) |
| Issue Date   | 10/1/2024   |   |
| Interest Rate  | 5.50%       |   |
| Term (Years)   | 20          |   |
| Annual Average Debt Service                              | \$814,200   |   |
- Additional Subordinate Lien Debt 1
- |  |             |  |
|--|-------------|--|
| Principal (Includes Project Costs and Costs of Issuance) | \$6,205,000 | (0.00% Allocated to the Wastewater System) |
| Issue Date   | 4/1/2026    |  |
| Interest Rate  | 2.50%       |  |
| Term (Years)   | 20          |  |
| Annual Average Debt Service                              | \$398,033   |  |
- [4] Amount shown is a transfer to the City's General Fund and is based on 5.9% of the previous Fiscal Year's revenues.
- [5] Amounts are transfers to a Renewal and Replacement (R&R) Fund and are to be used for R&R related capital projects.
- [6] Amounts based on the proposed capital funding plan as shown in Table 1-13.
- [7] Interest income is estimated on earnings on projected fund balances from unrestricted reserves allocated to the wastewater system.
- [8] The forecast assumes that any deficiencies will be funded from available operating reserves.

**Table 1-21**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Combined Water and Wastewater System Revenue Requirements**

Line No.	Description	Fiscal Year Ending September 30th.					
		2022	2023	2024	2025	2026	2027
<b><u>Operating Expenses: [1]</u></b>							
1	Administration Department	\$1,268,347	\$1,223,973	\$1,289,315	\$1,357,191	\$1,428,935	\$1,504,745
2	Water Department	2,056,333	2,173,850	2,292,731	2,412,035	2,537,000	2,669,026
3	Wastewater Department	2,222,701	2,288,977	2,409,684	2,527,680	2,651,508	2,782,150
4	Wastewater Collection Department	736,836	780,155	823,026	865,077	909,368	956,216
5	Field Operations Department	1,281,891	1,906,383	1,989,104	2,069,717	2,155,420	1,907,420
6	Non-Departmental	557,324	585,179	614,144	644,197	675,737	708,832
7	Contingency - 1.00% of O&M	81,234	89,585	94,180	98,759	103,580	105,284
8	Bad Debt Expense - 0.25% of Rate Revenues	32,786	33,403	34,889	36,369	37,837	39,365
10	Total Operating Expenses	\$8,237,452	\$9,081,505	\$9,547,074	\$10,011,024	\$10,499,385	\$10,673,039
<b><u>Debt Service Payments:</u></b>							
<b><u>Existing Debt Service: [2]</u></b>							
11	Utility System Refunding Revenue Note, Series 2016	\$1,074,483	\$1,074,426	\$1,074,863	\$1,074,771	\$1,074,150	\$0
12	SRF Loan - #WW640520	383,969	383,969	383,969	383,969	383,969	383,969
13	SRF 2017 Loan - #WW640530	18,367	18,367	18,367	18,367	18,367	18,367
15	Capital Improvement Revenue Note, Series 2014	36,689	36,597	30,362	0	0	0
16	Vehicle Lease 2016 Amer Cap Svc.	5,176	0	0	0	0	0
17	SRF Loan - #WW640531	206,681	206,681	206,681	206,681	206,681	206,681
18	Total Existing Debt Service Payments	\$1,725,365	\$1,720,039	\$1,714,241	\$1,683,788	\$1,683,167	\$609,017
<b><u>Proposed Debt Service: [3]</u></b>							
19	Additional Senior Lien Debt 1	\$0	\$0	\$0	\$814,200	\$814,200	\$814,200
20	Additional Senior Lien Debt 2	0	0	0	0	0	0
21	Additional Senior Lien Debt 3	0	0	0	0	0	0
22	Additional Senior Lien Debt 4	0	0	0	0	0	0
23	Additional Subordinate Lien Debt 1	0	0	0	0	199,016	398,033
24	Additional Subordinate Lien Debt 2	0	0	0	0	0	0
25	Additional Subordinate Lien Debt 3	0	0	0	0	0	0
26	Additional Subordinate Lien Debt 4	0	0	0	0	0	0
27	Total Proposed Debt Service Payments	\$0	\$0	\$0	\$814,200	\$1,013,216	\$1,212,233
28	Total Annual Debt Service Payments	\$1,725,365	\$1,720,039	\$1,714,241	\$2,497,988	\$2,696,383	\$1,821,250
<b><u>Other Revenue Requirements:</u></b>							
29	Payment In Lieu of Franchise Fees [4]	\$733,879	\$815,135	\$827,173	\$859,629	\$892,040	\$925,307
30	Renewal and Replacement Fund Transfer [5]	1,930,782	1,934,219	2,032,882	2,185,497	2,267,899	2,352,475
31	Capital Funded From Rates [6]	481,536	1,019,700	503,928	519,045	534,617	550,655
32	Transfer to Capital Fund (General)	0	0	0	0	0	0
33	Transfer to Operating Reserves	0	0	0	0	0	0
34	Transfer to Charter Reserve Fund	71,236	71,236	71,236	71,236	71,236	71,236
35	Transfer to Rate Stabilization Fund	0	0	0	0	0	0
36	Total Other Revenue Requirements	\$3,217,433	\$3,840,290	\$3,435,218	\$3,635,408	\$3,765,791	\$3,899,673
37	<b>Gross Revenue Requirements</b>	\$13,180,250	\$14,641,835	\$14,696,533	\$16,144,419	\$16,961,560	\$16,393,961
<b><u>Other Revenues and Financial Resources:</u></b>							
38	Other Operating Revenues	\$701,625	\$658,507	\$614,260	\$571,883	\$548,316	\$550,123
39	Unrestricted Interest Income [7]	41,096	37,346	34,239	32,670	29,136	26,216
40	Development Fees Used for Debt Service Payments	120,000	120,000	120,000	120,000	120,000	120,000
41	Transfers from Operating Reserves	0	0	0	0	0	0
42	Transfer from Rate Stabilization	0	0	0	0	0	0
43	Total Other Revenues and Financial Resources	\$862,721	\$815,853	\$768,499	\$724,553	\$697,452	\$696,339
44	<b>Net Revenue Requirements</b>	\$12,317,529	\$13,825,982	\$13,928,034	\$15,419,866	\$16,264,108	\$15,697,622
<b><u>Revenue From Combined Rates:</u></b>							
45	Existing Rate Revenue	\$13,114,226	\$13,326,283	\$13,486,621	\$13,595,809	\$13,678,852	\$13,761,896
46	Revenue From Current Year Adjustments	0	35,085	469,102	489,352	509,508	530,475
47	Revenue From Prior Year Rate Adjustments	0	0	0	462,280	946,490	1,453,500
48	Total Revenue From Rates	\$13,114,226	\$13,361,369	\$13,955,723	\$14,547,441	\$15,134,850	\$15,745,870
49	<b>Revenue Surplus / (Deficiency) [8]</b>	\$796,697	(\$464,613)	\$27,689	(\$872,425)	(\$1,129,258)	\$48,248
50	<b>Percentage Surplus / (Deficiency)</b>	6.08%	-3.48%	0.20%	-6.00%	-7.46%	0.31%

Footnotes located on following page.

**Table 1-21  
City of Edgewater, Florida  
Water and Wastewater Utility Rate Study**

**Projection of Combined Water and Wastewater System Revenue Requirements**

**Footnotes:**

- [1] Amounts derived from the City's Fiscal Year 2022 Budget and are escalated as shown on Table 1-11.
- [2] Payment amounts shown were based on debt service schedules provided by City Staff.
- [3] The proposed debt is based upon the funding of the capital improvement program. Initial payments shown may indicate a partial year's payment of debt service due to the timing of the instrument. The following indicated the estimated terms and conditions of the proposed debt.

Additional Senior Lien Debt 1	
Principal (Includes Project Costs and Costs of Issuance)	\$9,730,000
Issue Date	10/1/2024
Interest Rate	5.50%
Term (Years)	20
Annual Average Debt Service	\$814,200
Additional Subordinate Lien Debt 1	
Principal (Includes Project Costs and Costs of Issuance)	\$6,205,000
Issue Date	4/1/2026
Interest Rate	2.50%
Term (Years)	20
Annual Average Debt Service	\$398,033

- [4] Amount shown is a transfer to the City's General Fund and is based on 5.9% of the previous Fiscal Year's revenues.
- [5] Amounts are transfers to a Renewal and Replacement (R&R) Fund and are to be used for R&R related capital projects.
- [6] Amounts based on the proposed capital funding plan as shown in Table 1-13.
- [7] Interest income is estimated on earnings on projected fund balances from unrestricted reserves allocated to the wastewater system.
- [8] The forecast assumes that any deficiencies will be funded from available operating reserves.



**Table 1-22**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Projection of Debt Service Coverage Compliance**

Line No.	Description	Fiscal Year Ending September 30th.					
		2022	2023	2024	2025	2026	2027
<b><u>Senior Lien Test: (CAFR Presentation Method)</u></b>							
50	Net Revenues	\$5,605,897	\$4,964,525	\$5,047,621	\$5,132,287	\$5,205,302	\$5,642,756
51	Total Senior Lien Bond Service Requirements	\$1,074,483	\$1,074,426	\$1,074,863	\$1,888,971	\$1,888,350	\$814,200
52	Calculated Ratio	521.73%	462.06%	469.61%	271.70%	275.65%	693.04%
53	Minimum Target Coverage Ratio - 115.00%	115.00%	115.00%	115.00%	115.00%	115.00%	115.00%
54	Net Revenues After Payment of Debt Service	\$3,880,532	\$3,244,486	\$3,333,380	\$2,634,299	\$2,508,919	\$3,821,506
55	Use of Impact Fees for Debt Service Payments	120,000	120,000	120,000	120,000	120,000	120,000
56	Subtotal	\$4,000,532	\$3,364,486	\$3,453,380	\$2,754,299	\$2,628,919	\$3,941,506
<b><u>Less Other Payments and Transfers from Rates:</u></b>							
57	Payment In Lieu of Franchise Fees	[5] \$733,879	\$815,135	\$827,173	\$859,629	\$892,040	\$925,307
59	Renewal and Replacement Fund Transfer	1,930,782	1,934,219	2,032,882	2,185,497	2,267,899	2,352,475
60	Capital Funded From Rates	481,536	1,019,700	503,928	519,045	534,617	550,655
61	Transfer to Charter Reserve Fund	71,236	71,236	71,236	71,236	71,236	71,236
62	Transfer to Capital Fund (General)	0	0	0	0	0	0
63	Net Transfer to/ (from) Operating Reserves	0	0	0	0	0	0
64	Plus Restricted Interest Income (Not Includable Above)	13,598	11,191	9,527	8,684	7,615	6,415
65	Net Amount Available for Other Utility System Purposes	<u>\$796,697</u>	<u>(\$464,613)</u>	<u>\$27,689</u>	<u>(\$872,425)</u>	<u>(\$1,129,258)</u>	<u>\$48,248</u>

Footnotes located on following page.

**Table 1-23**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Comparison of Typical Monthly Residential Bills for Water Service [1]**

Line No.	Description	Residential Service for a 5/8" or 3/4" Meter							
		0 Gallons	2,000 Gallons	3,000 Gallons [2]	4,000 Gallons	6,000 Gallons	8,000 Gallons	10,000 Gallons	15,000 Gallons
<b>City of Edgewater, Florida</b>									
1	Existing Rates	\$15.65	\$20.91	\$29.66	\$38.41	\$58.10	\$79.98	\$101.86	\$170.16
2	Proposed Rates - Fiscal Year 2023	15.65	20.91	29.66	38.41	58.10	79.98	101.86	170.16
<b><u>Other Florida Utilities:</u></b>									
3	City of Daytona Beach [3]	\$9.07	\$19.41	\$24.58	\$29.75	\$40.09	\$51.73	\$64.67	\$98.61
4	City of DeLand [4]	13.31	18.11	20.51	22.91	29.28	37.22	45.16	76.51
5	City of Deltona	16.23	20.73	22.98	25.23	32.02	41.10	50.18	89.93
6	City of Port Orange [3]	9.90	12.86	16.74	20.62	28.38	36.14	43.90	71.76
7	City of Eustis [3]	11.76	16.68	19.14	21.60	26.52	31.44	37.56	52.86
8	City of Holly Hill [5]	11.37	19.33	27.28	35.23	52.33	70.63	88.93	138.63
9	New Smyrna Beach Utilities Commission	13.86	16.08	17.19	18.67	21.63	26.29	30.95	42.60
10	City of Orange City	13.33	22.47	27.04	31.61	40.75	52.16	65.84	106.91
11	City of Ormond Beach	15.86	15.86	19.10	22.34	28.82	36.50	44.18	63.38
12	Town of Ponce Inlet	20.00	20.00	27.00	34.00	48.00	62.00	76.00	111.00
13	City of Sanford [3]	12.88	12.88	15.39	17.90	22.92	29.50	36.08	55.41
14	Seminole County [3]	14.96	17.50	18.77	20.04	22.58	25.12	27.66	38.11
15	City of South Daytona	13.93	23.39	29.21	35.03	46.67	62.68	83.06	134.01
16	Volusia County - Softened	16.04	25.10	29.63	34.16	44.28	55.46	66.64	95.54
17	Other Utilities' Average	\$13.75	\$18.60	\$22.47	\$26.36	\$34.59	\$44.14	\$54.34	\$83.95
18	Minimum	9.07	12.86	15.39	17.90	21.63	25.12	27.66	38.11
19	Maximum	20.00	25.10	29.63	35.23	52.33	70.63	88.93	138.63

**Footnotes:**

- [1] Unless otherwise noted, amounts shown reflect residential rates in effect May 2022 and are exclusive of taxes or franchise fees, if any, and reflect rates charged for inside the city service. All rates are as reported by the respective utility. This comparison is intended to show comparable charges for similar service for comparison purposes only and is not intended to be a complete listing of all rates and charges offered by each listed utility.
- [2] Reflects average usage of a typical single family residential customer with both water and wastewater service within the service area of the City of Edgewater utility system.
- [3] Utility is currently involved in a rate study, is planning to conduct a rate study, or plans to implement a rate revision or price index / pass-through adjustment within the next twelve months following the comparison preparation date.
- [4] Utility bills a separate charge, applied on a "per bill basis," regardless of type of service. Such charge has been included in the rates for water service since this is the predominant service received by utility customers.
- [5] Includes a \$3.00 renewal and replacement fee.

**Table 1-24**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Comparison of Typical Monthly Residential Bills for Wastewater Service [1]**

Line No.	Description	Residential Service for a 5/8" or 3/4" Meter							
		0 Gallons	2,000 Gallons	3,000 Gallons [2]	4,000 Gallons	6,000 Gallons	8,000 Gallons	10,000 Gallons	15,000 Gallons
<b>City of Edgewater, Florida</b>									
1	Existing Rates	\$22.69	\$40.57	\$49.51	\$58.45	\$76.33	\$94.21	\$112.09	\$156.79
2	Proposed Rates - Fiscal Year 2023	22.69	40.57	49.51	58.45	76.33	94.21	112.09	156.79
<b>Other Florida Utilities:</b>									
3	City of Daytona Beach [3]	\$8.87	\$26.21	\$34.88	\$43.55	\$60.89	\$78.23	\$95.57	\$138.92
4	City of DeLand [4]	24.78	34.58	39.48	44.38	54.18	63.98	73.78	73.78
5	City of Deltona	56.61	56.61	73.52	90.43	129.33	173.31	217.29	327.24
6	City of Port Orange [3]	11.70	20.40	24.75	29.10	37.80	46.50	55.20	63.90
7	City of Eustis [3]	27.67	34.59	38.05	41.51	48.43	55.35	62.27	62.27
8	City of Holly Hill [5]	15.01	21.19	30.54	39.89	58.59	77.29	95.99	142.74
9	New Smyrna Beach Utilities Commission	19.54	28.08	32.35	36.62	45.16	53.70	62.24	83.59
10	City of Orange City	25.44	42.98	51.75	60.52	78.06	95.60	104.37	104.37
11	City of Ormond Beach	19.63	19.63	24.14	28.65	37.67	46.69	55.71	78.26
12	Town of Ponce Inlet	14.63	25.51	30.95	36.39	47.27	58.15	69.03	79.91
13	City of Sanford [3]	23.67	23.67	30.13	36.59	49.51	62.43	75.35	88.27
14	Seminole County [3]	23.77	34.57	39.97	45.37	56.17	66.97	77.77	104.77
15	City of South Daytona [3]	17.14	34.29	44.84	55.39	76.49	97.59	118.69	171.44
16	Volusia County - Softened [3]	24.67	35.09	40.30	45.51	55.93	66.35	76.77	97.61
17	Other Utilities' Average	\$22.37	\$31.24	\$38.26	\$45.28	\$59.68	\$74.44	\$88.57	\$115.51
18	Minimum	8.87	19.63	24.14	28.65	37.67	46.50	55.20	62.27
19	Maximum	56.61	56.61	73.52	90.43	129.33	173.31	217.29	327.24

**Footnotes:**

- [1] Unless otherwise noted, amounts shown reflect residential rates in effect May 2022 and are exclusive of taxes or franchise fees, if any, and reflect rates charged for inside the city service. All rates are as reported by the respective utility. This comparison is intended to show comparable charges for similar service for comparison purposes only and is not intended to be a complete listing of all rates and charges offered by each listed utility.
- [2] Reflects average usage of a typical single family residential customer with both water and wastewater service within the service area of the City of Edgewater utility system.
- [3] Utility is currently involved in a rate study, is planning to conduct a rate study, or plans to implement a rate revision or price index / pass-through adjustment within the next twelve months following the comparison preparation date.
- [4] Utility bills a separate charge, applied on a "per bill basis," regardless of type of service. Such charge has been included in the rates for water service since this is the predominant service received by utility customers.
- [5] Includes a \$3.00 renewal and replacement fee.



**Table 1-25**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**

**Comparison of Typical Monthly Residential Bills for Combined Water and Wastewater Service [1]**

Line No.	Description	Residential Service for a 5/8" or 3/4" Meter							
		0 Gallons	2,000 Gallons	3,000 Gallons [2]	4,000 Gallons	6,000 Gallons	8,000 Gallons	10,000 Gallons	15,000 Gallons
<b>City of Edgewater, Florida</b>									
1	Existing Rates	\$38.34	\$61.48	\$79.17	\$96.86	\$134.43	\$174.19	\$213.95	\$326.95
2	Proposed Rates - Fiscal Year 2023	38.34	61.48	79.17	96.86	134.43	174.19	213.95	326.95
<b>Other Florida Utilities:</b>									
3	City of Daytona Beach [3]	\$17.94	\$45.62	\$59.46	\$73.30	\$100.98	\$129.96	\$160.24	\$237.53
4	City of DeLand [4]	38.09	52.69	59.99	67.29	83.46	101.20	118.94	150.29
5	City of Deltona	72.84	77.34	96.50	115.66	161.35	214.41	267.47	417.17
6	City of Port Orange [3]	21.60	33.26	41.49	49.72	66.18	82.64	99.10	135.66
7	City of Eustis [3]	39.43	51.27	57.19	63.11	74.95	86.79	99.83	115.13
8	City of Holly Hill [5]	26.38	40.52	57.82	75.12	110.92	147.92	184.92	281.37
9	New Smyrna Beach Utilities Commission	33.40	44.16	49.54	55.29	66.79	79.99	93.19	126.19
10	City of Orange City	38.77	65.45	78.79	92.13	118.81	147.76	170.21	211.28
11	City of Ormond Beach	35.49	35.49	43.24	50.99	66.49	83.19	99.89	141.64
12	Town of Ponce Inlet	34.63	45.51	57.95	70.39	95.27	120.15	145.03	190.91
13	City of Sanford [3]	36.55	36.55	45.52	54.49	72.43	91.93	111.43	143.68
14	Seminole County [3]	38.73	52.07	58.74	65.41	78.75	92.09	105.43	142.88
15	City of South Daytona [3]	31.07	57.68	74.05	90.42	123.16	160.27	201.75	305.45
16	Volusia County - Softened [3]	40.71	60.19	69.93	79.67	100.21	121.81	143.41	193.15
17	Other Utilities' Average	\$36.12	\$49.84	\$60.73	\$71.64	\$94.27	\$118.58	\$142.92	\$199.45
18	Minimum	17.94	33.26	41.49	49.72	66.18	79.99	93.19	115.13
19	Maximum	72.84	77.34	96.50	115.66	161.35	214.41	267.47	417.17

**Footnotes:**

- [1] Unless otherwise noted, amounts shown reflect residential rates in effect May 2022 and are exclusive of taxes or franchise fees, if any, and reflect rates charged for inside the city service. All rates are as reported by the respective utility. This comparison is intended to show comparable charges for similar service for comparison purposes only and is not intended to be a complete listing of all rates and charges offered by each listed utility.
- [2] Reflects average usage of a typical single family residential customer with both water and wastewater service within the service area of the City of Edgewater utility system.
- [3] Utility is currently involved in a rate study, is planning to conduct a rate study, or plans to implement a rate revision or price index / pass-through adjustment within the next twelve months following the comparison preparation date.
- [4] Utility bills a separate charge, applied on a "per bill basis," regardless of type of service. Such charge has been included in the rates for water service since this is the predominant service received by utility customers.
- [5] Includes a \$3.00 renewal and replacement fee.

## **SECTION 2**

# **SOLID WASTE SYSTEM**

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**RAFTELIS**

## SECTION 2 – SOLID WASTE SYSTEM

### Customer Growth and Revenues

Projected revenues from rates for the solid waste system were based on the schedule of solid waste and recycling rates and charges effective October 1, 2021. In order to calculate projected revenues from rates for the Forecast Period, the existing Fiscal Year 2022 rates were applied to the projected billing statistics. Based on discussions with City Staff, the growth projections included in this analysis recognize an average annual growth in customers of approximately one percent (1.2%), beginning with 250 additional accounts per year and tapering down to 75 accounts per year by the end of the Forecast Period, as shown in Table 2-1. Based on these assumptions, system revenues at existing rates are estimated to increase from approximately \$3.8 million to \$4.0 million per year over the Forecast Period as shown on Tables 2-1, and 2-2. Other miscellaneous operating revenues are projected, on average, to be approximately \$325 per year and interest earnings on unrestricted fund balances are estimated to average approximately \$4,800 per year.

### Operating and Maintenance Expenses

The Fiscal Year 2022 operating budget served as the basis for the operating expense projections for the remainder of the Forecast Period. Certain adjustments were made to the Fiscal Year 2022 operating budget to exclude depreciation, principal and interest payments on debt, capital expenditures, and additions to reserves, which were accounted for separately in our analysis; or in the case of depreciation, excluded as a non-cash expense. These adjustments resulted in the Fiscal Year 2022 operating budget of \$4.1 million being adjusted down to approximately \$3.1 million in cash operating expenses, as shown in Table 2-3. A contingency allowance of one percent (1.0%) of operation and maintenance expenses was recognized for unanticipated expenditures in each fiscal year. Additionally, a bad debt allowance of 0.25% of rate revenues was recognized in each fiscal year. The aforementioned allowances represent averages of approximately \$37,400 and \$9,900 annually, respectively. Operation and maintenance expenses are projected to increase by an annual average of approximately 6.6% per year from Fiscal Year 2022 operating budget levels, as shown on Table 2-4. The overall increase over the Forecast Period in projected operating expenses was based upon assumptions corresponding to the hiring of additional staffing as well as several escalation factors and the nature of the expense as shown on Table 2-5. A few of the major escalation factors are shown below:

1. Labor – 5.0% Increase per Year
2. Health Insurance –10.0% per Year
3. Consumer Price Index (CPI) – 7.00% in Fiscal Year 2023, 5.00% in Fiscal Year 2024, 2.30% in Fiscal Year 2025, and 2.40% per Year for the remainder of the Forecast Period
4. Electricity – 7.00% in Fiscal Year 2023, and 3.00% per Year for the remainder of the Forecast Period
5. Fuel – 15.00% in Fiscal Year 2023, 10.00% in Fiscal Year 2024, and 7.00% per Year for the remainder of the Forecast Period

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## Capital Improvement Plan

The CIP utilized in this analysis was based on the Fiscal Years 2022 – 2027 CIP, as provided by City. The City’s project cost estimates were based on current year dollars and therefore these amounts were escalated to account for cost inflation over the Forecast Period. The CIP includes approximately \$2.9 million to fund new larger collection vehicles (changing from 18 cubic yard trucks to 25 cubic yard trucks), an allocation of the debt service associated with the new public works building, and other ongoing capital outlay. The System’s share of the Public Works Facility is anticipated to be funded from proposed debt and rate revenues as shown on Table 2-6.

## Existing and Proposed Debt

Based on the payment schedules for the existing Non-Ad Valorem Revenue Note, allocation of the proposed Public Works complex debt, and proposed capital leases, the annual loan payments to be funded from rates begin at approximately \$158,000 in 2022 and increase to \$464,000 by Fiscal Year 2026. The projected payments on the Public Works Facility debt comprise the majority of the increase at \$325,000 per year and it should be noted that the Non Ad-Valorem Revenue Note pays off in 2026. Proposed debt service payments are summarized on Table 2-7 found at the end of this report.

## Transfers

The City transfers 5.9% of the prior year’s solid waste gross revenues to the General Fund in the form of a PILOFF. This amount is funded each year of the Forecast Period and averages approximately \$270,000 annually (starting at \$223,000 in 2022 and increasing to \$334,000 by 2027), as shown in Table 2-8.

## Cash Balances

As previously mentioned in Section 1 of this report, in Fiscal Year 2011, the City adopted Resolution No. 2011-R-20, which established a fund balance policy applying to all General Fund balances (the “Charter Reserve”). Subsequently in Fiscal Year 2016, the City adopted Resolution No. 2016-R-40, which extended the fund balance policy to all operating funds including the water, wastewater, stormwater and solid waste enterprise funds. Part of the adopted fund balance policy establishes a reserve balance target equal to 15% of the current fiscal year operating expenditures, with a maximum of 25%. If the reserve balance amount falls below targeted levels the City must begin a plan to achieve the minimum balance of 15% within five (5) years. The City has currently fulfilled this requirement. Due to the nature of operating expenditures changing between Fiscal Years, a deposit of approximately \$38,000 per year (in Fiscal Years 2023 – 2027) is projected and funded in the rate plan to continue to meet this reserve requirement. Additionally, the City also targets an operating fund cash balance of 90 days of rate revenue for the solid waste system. By the end of the Forecast Period, the City is projected to have \$1.3 million in the operating fund, as shown in Table 2-9, which very nearly fulfills the City targets. It should be noted though that when the Charter Reserve and Operating Fund are combined then the system is above 120 days of rate revenues.

## Conclusions and Recommendations

Based on the projected operating expenditure needs of the solid waste system and the projected funding plan for the CIP, it is estimated that the previously adopted rate increases will be insufficient to meet the needs of the system, as shown in Tables 2-10 through 2-12. The projected operating results set forth herein assume the adoption of proposed

rate adjustments that differ from the previously adopted and proposed rate adjustments. Below is a summary of the proposed rate adjustments, along with certain projected financial operating results.

### Summary of Projected Rate Adjustments and Key Operating Results

Description	Fiscal Year Ending September 30,					
	2022	2023	2024	2025	2026	2027
Previously Recommended Rate Adjustments:						
Collection Service	0.0%	3.0%	3.0%	3.0%	3.0%	N/A
Recycling Service	0.0%	2.2%	2.3%	2.4%	2.4%	N/A
Proposed Solid Waste Rate Adjustments:						
Collection Service	N/A [1]	0.0%	8.8%	8.8%	8.8%	8.8%
Recycling Service	N/A [1]	0.0%	8.8%	8.8%	8.8%	8.8%
System Revenue Surplus/(Deficiency)	(\$465,400)	(\$939,787)	(\$24,363)	(\$193,990)	(\$297,686)	\$87,630
Operating Fund (Ending Balance)	\$2,639,115	\$1,699,328	\$1,674,965	\$1,480,975	\$1,183,289	\$1,270,919
Days of Cash (Target of 90-120 Days of Rate Revenue)	252	159	142	115	84	82
Charter Reserve Fund (Ending Balance)	\$530,553	\$569,965	\$609,475	\$649,083	\$688,791	\$728,598
Subordinate Lien Debt Service Coverage (Test 1.15)	N/A	N/A	7.61	3.24	5.20	7.41
All-In Debt Service Coverage (Target 1.50) [2]	4.37	2.70	2.32	1.25	1.80	2.92

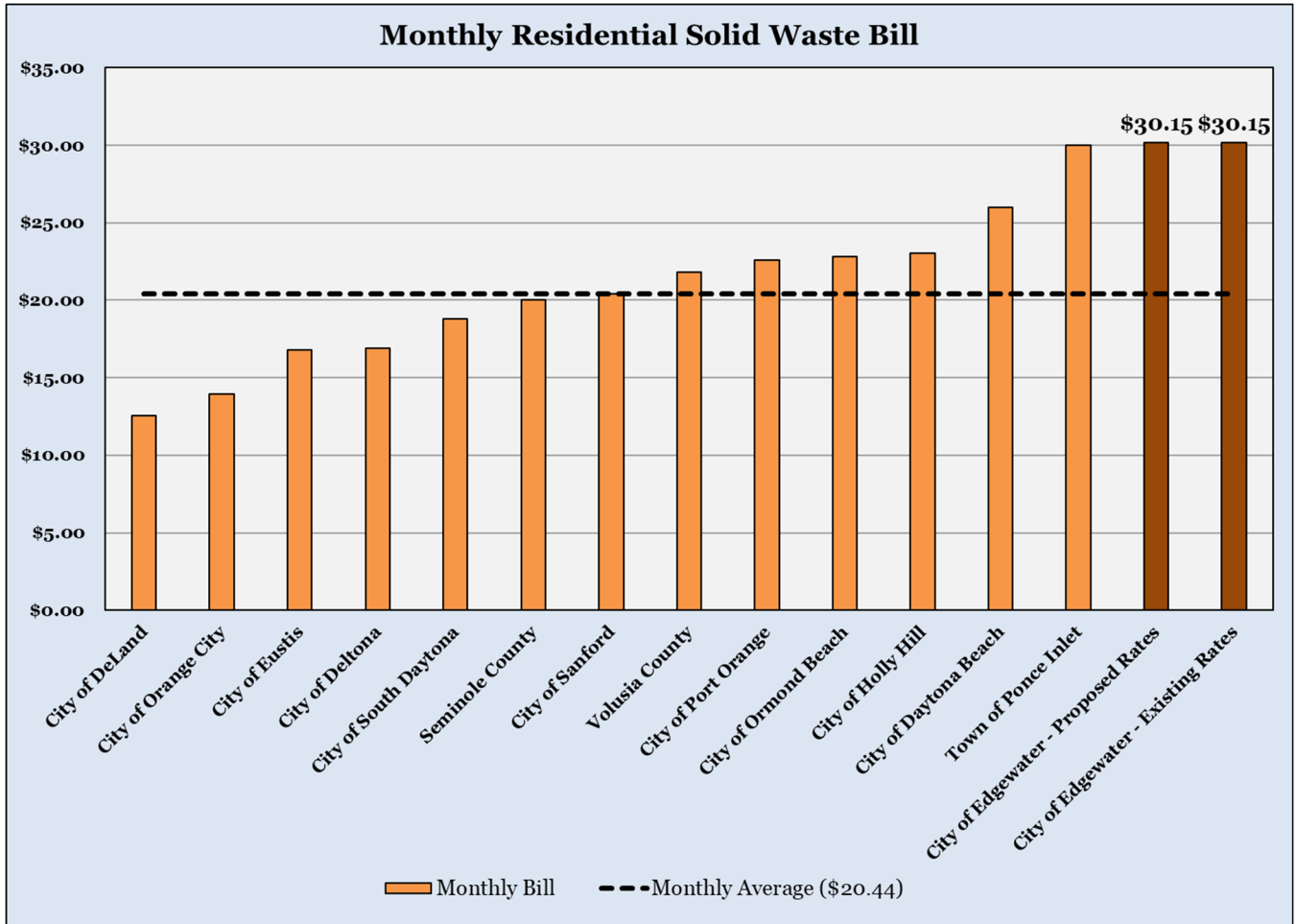
[1] Rates were not adjusted in Fiscal Year 2022.

[2] Coverage calculation includes debt payments associated with the Non Ad-Valorem Revenue Note – Series 2020.

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## Rate Comparison

As shown below and on Table 2-12, the proposed Fiscal Year 2023 solid waste rates are still above average when compared to the surveyed, neighboring utilities' average. It should be noted that many of the comparable entities below may also be implementing rate adjustments in 2023.



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**Table 2-1**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**

**Projected Collection Customers and Revenues Under Existing Rates**

Line No.	Description	Historical Fiscal Year Ended September 30					Fiscal Year Ending September 30,					
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
<b>COLLECTION</b>												
<u>Residential:</u>												
1	Customer Growth	84	8	19	63	146	250	200	150	100	75	75
2	Number of Bills	111,773	111,869	112,101	112,857	114,607	117,607	120,007	121,807	123,007	123,907	124,807
3	Average Number of Customers	9,314	9,322	9,342	9,405	9,551	9,801	10,001	10,151	10,251	10,326	10,401
4	Monthly Collection Fee	\$23.94	\$26.09	\$27.66	\$28.70	\$25.41	\$25.41	\$25.41	\$25.41	\$25.41	\$25.41	\$25.41
5	Total Residential Collection Revenue	\$2,657,403	\$2,898,619	\$3,086,047	\$3,238,432	\$2,930,988	\$2,988,394	\$3,049,378	\$3,095,116	\$3,125,608	\$3,148,477	\$3,171,346
<u>Multi-Family:</u>												
6	Customer Growth	(1)	(1)	(1)	1	2	0	0	0	0	0	0
7	Number of Bills	427	418	411	418	444	444	444	444	444	444	444
8	Average Number of Customers	36	35	34	35	37	37	37	37	37	37	37
9	Number of Units	4,505	4,410	4,518	4,639	4,661	4,661	4,661	4,661	4,661	4,661	4,661
10	Average Number of Units	375	368	377	387	388	388	388	388	388	388	388
11	Monthly Collection Fee	\$23.94	\$26.09	\$27.66	\$28.70	\$25.41	\$25.41	\$25.41	\$25.41	\$25.41	\$25.41	\$25.41
12	Total Multi-Family Collection Revenue	\$107,106	\$114,268	\$124,377	\$133,126	\$119,717	\$118,441	\$118,441	\$118,441	\$118,441	\$118,441	\$118,441
<u>Commercial:</u>												
13	Customer Growth	21	(1)	2	(1)	5	5	5	5	5	5	5
14	Number of Bills	3,324	3,312	3,333	3,320	3,382	3,442	3,502	3,562	3,622	3,682	3,742
15	Average Number of Customers	277	276	278	277	282	287	292	297	302	307	312
16	Number of Units	4,326	4,310	4,040	4,332	4,491	4,571	4,651	4,731	4,810	4,890	4,970
17	Average Number of Units	361	359	337	361	374	381	388	394	401	407	414
18	Monthly Collection Fee	\$27.16	\$29.60	\$31.38	\$32.56	\$28.83	\$28.83	\$28.83	\$28.83	\$28.83	\$28.83	\$28.83
19	Total Commercial Collection Revenue	\$116,687	\$126,711	\$126,176	\$141,042	\$130,885	\$131,787	\$134,084	\$136,381	\$138,679	\$140,976	\$143,273
20	Early Prepayment Discount Factor (%)	N/A	N/A	N/A	N/A	N/A	N/A	0.00%	0.00%	0.00%	0.00%	0.00%
21	Early Prepayment Discount (\$)	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0
22	Revenue Adjustment	\$11,546	\$32,149	\$18,974	(\$13,318)	(\$12,016)	(\$12,232)	(\$12,471)	(\$12,652)	(\$12,776)	(\$12,871)	(\$12,966)
22	Total Collection Revenue	\$2,881,196	\$3,139,598	\$3,336,600	\$3,512,599	\$3,181,590	\$3,238,621	\$3,301,903	\$3,349,938	\$3,382,727	\$3,407,894	\$3,433,060

**Table 2-1**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**

**Projected Collection Customers and Revenues Under Existing Rates**

Line No.	Description	Historical Fiscal Year Ended September 30					Fiscal Year Ending September 30,					
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
<b>RECYCLING</b>												
<u>Residential:</u>												
23	Customer Growth	40	(14)	(8)	63	141	250	200	150	100	75	75
24	Number of Bills	112,946	112,780	112,688	113,446	115,139	118,139	120,539	122,339	123,539	124,439	125,339
25	Number of Units	9,627	9,613	9,697	9,683	9,923	10,173	10,373	10,523	10,623	10,698	10,773
26	Average Number of Customers	9,412	9,398	9,391	9,454	9,595	9,845	10,045	10,195	10,295	10,370	10,445
27	Monthly Recycling Fee	\$3.06	\$3.34	\$3.54	\$4.12	\$4.31	\$4.74	\$4.74	\$4.74	\$4.74	\$4.74	\$4.74
28	Subtotal Recycling Revenue	\$353,503	\$385,283	\$409,989	\$478,452	\$513,195	\$578,616	\$589,992	\$598,524	\$604,212	\$608,478	\$612,744
29	Early Prepayment Discount Factor (%)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00%	0.00%	0.00%	0.00%
30	Early Prepayment Discount (\$)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0
31	Total Recycling Revenue	\$353,503	\$385,283	\$409,989	\$478,452	\$513,195	\$578,616	\$589,992	\$598,524	\$604,212	\$608,478	\$612,744
<b>EXTRA CANS (&gt;3 CANS)</b>												
32	Extra Can Growth	0	0	0	0	0	0	0	0	0	0	0
33	Number of Bills	19	19	19	19	19	19	19	19	19	19	19
34	Average Monthly Number of Extra Cans	9	9	9	9	9	9	9	9	9	9	9
35	Monthly Extra Can Fee	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00
36	Total Extra Cans Revenue	\$324	\$324	\$324	\$324	\$324	\$324	\$324	\$324	\$324	\$324	\$324
37	<b>Total Rate Revenues</b>	<b>\$3,235,024</b>	<b>\$3,525,205</b>	<b>\$3,746,913</b>	<b>\$3,991,376</b>	<b>\$3,695,109</b>	<b>\$3,817,561</b>	<b>\$3,892,219</b>	<b>\$3,948,786</b>	<b>\$3,987,263</b>	<b>\$4,016,695</b>	<b>\$4,046,128</b>



**Table 2-2**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**

**Projected Solid Waste System Revenue Under Existing Rates [1]**

Line No.	Cost Center ID Code	Description	Budgeted	Adjustments	Adjusted	Escalation Reference	Fiscal Year Ending September 30,				
			2022		2022		2023	2024	2025	2026	2027
<b>SYSTEM REVENUES</b>											
1	447-0000-343.41-10	Refuse Collection - Residential / Non-Residential	\$3,205,923	\$33,022	\$3,238,945	Input	\$3,302,227	\$3,350,262	\$3,383,051	\$3,408,218	\$3,433,384
2	447-0000-343.42-10	Recycling	574,439	4,177	578,616	Input	589,992	598,524	604,212	608,478	612,744
3	447-0000-361.10-10	Interest	500	(500)	0	Eliminate	0	0	0	0	0
4	447-0000-361.11-10	Investment Returns	500	(500)	0	Eliminate	0	0	0	0	0
5	447-0000-364.42-10	Insurance Proceeds	0	0	0	Eliminate	0	0	0	0	0
6	447-0000-365.10-00	Sale of Surplus	0	0	0	Eliminate	0	0	0	0	0
7	447-0000-369.90-00	Other Miscellaneous Revenue	0	0	0	Inflation	0	0	0	0	0
8	447-0000-369.90-10	Miscellaneous Revenue	0	0	0	Constant	0	0	0	0	0
9	447-0000-369.90-20	Retirement Forfeitures	0	0	0	Eliminate	0	0	0	0	0
10	447-0000-384.01-00	Proceeds from Long-Term Debt	0	0	0	Eliminate	0	0	0	0	0
11	447-0000-384.17-01	Capital Improvement Note 2017	0	0	0	Eliminate	0	0	0	0	0
12	447-0000-389.90-12	Unreserved Proprietary	301,074	(301,074)	0	Eliminate	0	0	0	0	0
13	<b>TOTAL SYSTEM REVENUES</b>		<u>\$4,082,436</u>	<u>(\$264,875)</u>	<u>\$3,817,561</u>		<u>\$3,892,219</u>	<u>\$3,948,786</u>	<u>\$3,987,263</u>	<u>\$4,016,695</u>	<u>\$4,046,128</u>

## Footnotes:

[1] Budgeted amounts shown are based on the Fiscal Year 2022 Adopted Operating Budget.

**Table 2-3**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**

**Fiscal Year 2022 Adopted Budget [1]**

Line No.	Cost Center ID Code	Description	Budget 2022	Adjustments	Adjusted 2022
<b>Solid Waste Utility Operating Expenses</b>					
<b>Environmental Services</b>					
<b>Refuse Department - 4060</b>					
<u>Personnel Services:</u>					
1	447-4060-534.12-10	Regular Salaries and Wages	\$567,699	\$0	\$567,699
2	AddPer	Additional Personnel	0	0	0
3	447-4060-534.12-20	DC ICMA	0	0	0
4	447-4060-534.14-10	Overtime	66,706	0	66,706
5	447-4060-534.15-30	Cell Phone	495	0	495
6	447-4060-534.15-60	Boot Allowance	2,850	0	2,850
7	447-4060-534.21-10	FICA	39,664	0	39,664
8	447-4060-534.21-20	Medicare	9,275	0	9,275
9	447-4060-534.22-10	Retirement Contributions	0	0	0
10	447-4060-534.22-20	DCSE	78,578	0	78,578
11	447-4060-534.23-10	Life Insurance	3,010	0	3,010
12	447-4060-534.23-20	Group Medical Insurance	251,559	0	251,559
13	447-4060-534.23-21	HSA Employer Contribution	27,663	0	27,663
14	447-4060-534.23-22	HRA Employer Contribution	2,250	0	2,250
15	447-4060-534.23-30	Dental Insurance	6,048	0	6,048
16	447-4060-534.23-40	Long-Term Disability	5,387	0	5,387
17	447-4060-534.23-60	Broker & Admin Fees	5,054	0	5,054
18	447-4060-534.23-90	Other Post Employment Benefits (OPEB)	0	0	0
19	447-4060-534.24-10	Worker's Compensation	22,621	0	22,621
20		Total Personnel Services	<u>\$1,088,859</u>	<u>\$0</u>	<u>\$1,088,859</u>
<u>Operating Expenses:</u>					
21	447-4060-534.31-10	Professional Services	\$15,000	\$0	\$15,000
22	447-4060-534.34-10	Other Contractual Services	625,153	(624,969)	184
23	447-4060-534.34-10	Volusia County Landfill	0	504,783	504,783
24	447-4060-534.34-10	Cloer & Sons / Green Waste Disposal	0	120,186	120,186
25	447-4060-534.40-10	Travel and Per Diem	0	0	0
26	447-4060-534.41-10	Telephone	0	0	0
27	447-4060-534.41-30	Legal Ads	0	0	0
28	447-4060-534.41-40	Postage	13,000	0	13,000
29	447-4060-534.43-10	Electric	1,662	0	1,662
30	447-4060-534.43-30	Water / Sewer / Trash	7,594	0	7,594
31	447-4060-534.44-10	Rent	110	0	110
32	447-4060-534.46-10	Repair & Maintenance	5,000	0	5,000
33	447-4060-534.46-20	Fleet Charges	192,613	0	192,613
34	447-4060-534.47-10	Printing & Binding	500	0	500
35	447-4060-534.48-10	Promotional Activities	3,250	0	3,250
36	447-4060-534.49-01	Cost Allocation	208,462	0	208,462
37	447-4060-534.49-10	Other Charges / Obligations	3,400	0	3,400
38	447-4060-534.49-20	Bank Charges	0	0	0
39	447-4060-534.49-47	Payment-in-Lieu of Franchise Fees (PILOFF) [2]	213,875	(213,875)	0
40	447-4060-534.52-10	Operating Supplies	37,300	0	37,300
41	447-4060-534.52-20	Fuel (Unleaded & Diesel)	177,061	0	177,061
42	447-4060-534.52-30	Uniforms	4,275	0	4,275
43	447-4060-534.54-10	Books, Publications, Subscriptions, & Memberships	0	0	0
44	447-4060-534.54-20	Educational Development	6,000	0	6,000
45		Total Operating Expenses	<u>\$1,514,255</u>	<u>(\$213,875)</u>	<u>\$1,300,380</u>
46		<b>Total Refuse Department - 4060</b>	<u>\$2,603,114</u>	<u>(\$213,875)</u>	<u>\$2,389,239</u>

**Table 2-3**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**

**Fiscal Year 2022 Adopted Budget [1]**

Line No.	Cost Center ID Code	Description	Budget 2022	Adjustments	Adjusted 2022
<b>Recycling Department - 4065</b>					
<u>Operating Expenses:</u>					
47	447-4065-534.34-10	Other Contractual Services	\$528,000	\$0	\$528,000
48	447-4065-534.47-10	Printing & Binding	0	0	0
49	447-4065-534.48-10	Promotional Activities	0	0	0
50	447-4065-534.49-01	Cost Allocation	11,038	0	11,038
51	447-4065-534.49-47	Payment-in-Lieu of Franchise Fees (PILOFF) [2]	9,166	(9,166)	0
52		Total Operating Expenses	\$548,204	(\$9,166)	\$539,038
53		<b>Total Recycling Department - 4065</b>	\$548,204	(\$9,166)	\$539,038
54		<b>Total Environmental Services</b>	\$3,151,318	(\$223,041)	\$2,928,277
<b>Non-Departmental - 5555</b>					
<u>Operating Expenses:</u>					
55	447-5555-580.22-10	Retirement Contributions	\$118,993	\$0	\$118,993
56	447-5555-580.23-80	PTO Expense	0	0	0
57	447-5555-580.31-10	Professional Services	7,089	0	7,089
58	447-5555-580.45-10	General Liability	6,408	0	6,408
59	447-5555-580.45-15	Property	21,201	0	21,201
60	447-5555-580.45-20	Public Officials	4,945	0	4,945
61	447-5555-580.45-25	Automobile	5,971	0	5,971
62	447-5555-580.49-20	Bank Charges	0	0	0
63	447-5555-580.49-50	Write Off	0	0	0
64	447-5555-580.49-60	Hurricane Charges	0	0	0
65	447-5555-580.49-70	Disaster Event Charges	0	0	0
66	447-5555-580.49-62	Disaster Charges COVID-19	2,271	0	2,271
67	447-5555-580.59-10	Depreciation	0	0	0
68	447-5555-580.61-10	Land [3]	0	0	0
69	447-5555-580.64-10	Machinery & Equipment [3]	101,000	(101,000)	0
70	447-5555-580.64-20	Motor Vehicles [3]	325,000	(325,000)	0
71	447-5555-580.71-44	Refuse TRK Bond - Principal [3]	144,000	(144,000)	0
71	447-5555-580.72-44	Refuse TRK Bond - Interest [3]	13,446	(13,446)	0
70	447-5555-580.73-20	Bond Issuance Cost [3]	0	0	0
71	447-5555-581.04-40	Water Sewer	0	0	0
72	447-5555-581.04-50	Public Works Complex - Capital [3]	118,000	(118,000)	0
73	447-5555-581.05-01	MIS [3]	0	0	0
74	447-5555-581.10-01	General Fund	0	0	0
75	447-5555-589.10-01	Current Year Unreserved	62,794	(62,794)	0
76	447-5555-589.50-50	Charter Reserve/Stabilization	0	0	0
77		Total Operating Expenses	\$931,118	(\$764,240)	\$166,878
78		<b>Total Non-Departmental - 5555</b>	\$931,118	(\$764,240)	\$166,878

**Table 2-3**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**

**Fiscal Year 2022 Adopted Budget [1]**

Line No.	Cost Center ID Code	Description	Budget 2022	Adjustments	Adjusted 2022
<b>Miscellaneous Adjustments</b>					
79	Contingency	Contingency - 1.00% of O&M [4]	\$0	\$30,952	\$30,952
80	BadDebt	Bad Debt Expense - 0.25% of Rate Revs. [5]	0	9,544	9,544
81		Budgetary Adjustment - Actual to Budget	0	0	0
82	Other	Tax Collector Expense (Assessment Billing)	0	0	0
83		<b>TOTAL OPERATING EXPENSES</b>	<u>\$4,082,436</u>	<u>(\$946,786)</u>	<u>\$3,135,650</u>

Footnotes:

- [1] Budgeted amounts shown are based on the Fiscal Year 2022 Adopted Operating Budget with certain adjustments as provided by the City.
- [2] Budgeted amounts for the PILOFF are transferred to the General Fund and are therefore excluded from the Cost of Operation and Maintenance for coverage purposes. These items have been adjusted from the budget and are accounted for in the summary of Revenue Requirements later in the rate model.
- [3] Amounts are adjusted from budget as shown herein since such capital outlay expenses and debt service payments are reflected in the Capital Improvements Plan or the Revenue Requirements part of the rate model.
- [4] A contingency of 1.00% of O&M was added to allow for unforeseen contingencies.
- [5] An allowance for bad debt expense of 0.25% of rate was recognized to account for uncollectible accounts.

**Table 2-4  
City of Edgewater, Florida  
Solid Waste Utility Rate Study**

**Projection of Solid Waste Operating Expenses**

Line No.	Cost Center ID Code	Description	Adjusted 2022	Escalation Reference	Fiscal Year Ending September 30,				
					2023	2024	2025	2026	2027
<b>Solid Waste Utility Operating Expenses</b>									
<b>Environmental Services</b>									
<b>Refuse Department - 4060</b>									
<u>Personnel Services:</u>									
1	447-4060-534.12-10	Regular Salaries and Wages	\$567,699	Labor	\$729,390	\$765,860	\$804,152	\$844,360	\$886,578
2		AddPer	0	Input	0	111,450	117,022	122,873	129,017
3	447-4060-534.12-20	DC ICMA	0	Labor	0	0	0	0	0
4	447-4060-534.14-10	Overtime	66,706	Labor	68,910	72,356	75,973	79,772	83,761
5	447-4060-534.15-30	Cell Phone	495	Inflation	530	556	569	583	597
6	447-4060-534.15-60	Boot Allowance	2,850	Inflation	3,050	3,202	3,276	3,354	3,435
7	447-4060-534.21-10	FICA	39,664	Labor	41,647	43,730	45,916	48,212	50,622
8	447-4060-534.21-20	Medicare	9,275	Health-Ins	10,203	11,223	12,345	13,580	14,937
9	447-4060-534.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
10	447-4060-534.22-20	DCSE	78,578	Labor	82,507	86,632	90,964	95,512	100,288
11	447-4060-534.23-10	Life Insurance	3,010	General-Ins	3,161	3,319	3,484	3,659	3,842
12	447-4060-534.23-20	Group Medical Insurance	251,559	Health-Ins	276,715	304,386	334,825	368,308	405,138
13	447-4060-534.23-21	HSA Employer Contribution	27,663	Labor	29,046	30,498	32,023	33,625	35,306
14	447-4060-534.23-22	HRA Employer Contribution	2,250	Labor	2,363	2,481	2,605	2,735	2,872
15	447-4060-534.23-23	Dental Insurance	6,048	Health-Ins	6,653	7,318	8,050	8,855	9,740
16	447-4060-534.23-24	Long-Term Disability	5,387	Marginal	5,441	5,495	5,550	5,606	5,662
17	447-4060-534.23-25	Broker & Admin Fees	5,054	Health-Ins	5,559	6,115	6,727	7,400	8,140
18	447-4060-534.23-90	Other Post Employment Benefits (OPEB)	0	Labor	0	0	0	0	0
19	447-4060-534.24-10	Worker's Compensation	22,621	Labor	23,752	24,940	26,187	27,496	28,871
20		<b>Total Personnel Services</b>	<b>\$1,088,859</b>		<b>\$1,288,925</b>	<b>\$1,479,560</b>	<b>\$1,569,668</b>	<b>\$1,665,927</b>	<b>\$1,768,804</b>
<u>Operating Expenses:</u>									
21	447-4060-534.31-10	Professional Services	\$15,000	Contractual	\$15,600	\$16,224	\$16,873	\$17,548	\$18,250
22	447-4060-534.34-10	Other Contractual Services	184	Contractual	191	199	207	215	224
23	447-4060-534.34-10	Volusia County Landfill	504,783	Cust-Growth	515,084	522,810	527,960	531,823	535,686
24	447-4060-534.34-10	Cloer & Sons / Green Waste Disposal	120,186	Growth+Infl	131,224	139,852	144,478	149,028	153,713
25	447-4060-534.40-10	Travel and Per Diem	0	Inflation	0	0	0	0	0
26	447-4060-534.41-10	Telephone	0	Inflation	0	0	0	0	0
27	447-4060-534.41-30	Legal Ads	0	Inflation	0	0	0	0	0
28	447-4060-534.41-40	Postage	13,000	Inflation	13,910	14,606	14,941	15,300	15,667
29	447-4060-534.43-10	Electric	1,662	Electricity	1,778	1,832	1,887	1,943	2,002
30	447-4060-534.43-30	Water / Sewer / Trash	7,594	Inflation	8,126	8,532	8,728	8,938	9,152
31	447-4060-534.44-10	Rent	110	Inflation	118	124	126	129	133
32	447-4060-534.46-10	Repair & Maintenance	5,000	Repair	5,275	5,512	5,705	5,905	6,112
33	447-4060-534.46-20	Fleet Charges	192,613	Repair	203,207	212,351	219,783	227,476	235,437
34	447-4060-534.47-10	Printing & Binding	500	Inflation	535	562	575	588	603
35	447-4060-534.48-10	Promotional Activities	3,250	Inflation	3,478	3,651	3,735	3,825	3,917
36	447-4060-534.49-01	Cost Allocation	208,462	Labor	218,885	229,829	241,321	253,387	266,056
37	447-4060-534.49-10	Other Charges / Obligations	3,400	Inflation	3,638	3,820	3,908	4,002	4,098
38	447-4060-534.49-20	Bank Charges	0	Inflation	0	0	0	0	0
39	447-4060-534.49-47	Payment-in-Lieu of Franchise Fees (PILOFF) [2]	0	Eliminate	0	0	0	0	0
40	447-4060-534.52-10	Operating Supplies	37,300	Inflation	39,911	41,907	42,870	43,899	44,953
41	447-4060-534.52-20	Fuel (Unleaded & Diesel)	177,061	Fuel	203,620	223,982	239,661	256,437	274,388
42	447-4060-534.52-30	Uniforms	4,275	Inflation	4,574	4,803	4,913	5,031	5,152
43	447-4060-534.54-10	Books, Publications, Subscriptions, & Memberships	0	Inflation	0	0	0	0	0
44	447-4060-534.54-20	Educational Development	6,000	Inflation	6,420	6,741	6,896	7,062	7,231
45		<b>Total Operating Expenses</b>	<b>\$1,300,380</b>		<b>\$1,375,573</b>	<b>\$1,437,335</b>	<b>\$1,484,568</b>	<b>\$1,532,536</b>	<b>\$1,582,772</b>
46		<b>Total Refuse Department - 4060</b>	<b>\$2,389,239</b>		<b>\$2,664,498</b>	<b>\$2,916,895</b>	<b>\$3,054,237</b>	<b>\$3,198,463</b>	<b>\$3,351,576</b>
<b>Recycling Department - 4065</b>									
<u>Operating Expenses:</u>									
47	447-4065-534.34-10	Other Contractual Services	\$528,000	Rec-Growth	\$576,489	\$614,393	\$634,716	\$654,704	\$675,287
48	447-4065-534.47-10	Printing & Binding	0	Inflation	0	0	0	0	0
49	447-4065-534.48-10	Promotional Activities	0	Inflation	0	0	0	0	0
50	447-4065-534.49-01	Cost Allocation	11,038	Labor	11,590	12,169	12,778	13,417	14,088
51	447-4065-534.49-47	Payment-in-Lieu of Franchise Fees (PILOFF) [2]	0	Eliminate	0	0	0	0	0
52		<b>Total Operating Expenses</b>	<b>\$539,038</b>		<b>\$588,079</b>	<b>\$626,562</b>	<b>\$647,494</b>	<b>\$668,121</b>	<b>\$689,374</b>
53		<b>Total Recycling Department - 4065</b>	<b>\$539,038</b>		<b>\$588,079</b>	<b>\$626,562</b>	<b>\$647,494</b>	<b>\$668,121</b>	<b>\$689,374</b>
54		<b>Total Environmental Services</b>	<b>\$2,928,277</b>		<b>\$3,252,577</b>	<b>\$3,543,457</b>	<b>\$3,701,730</b>	<b>\$3,866,584</b>	<b>\$4,040,950</b>
<b>Non-Departmental - 5555</b>									
<u>Operating Expenses:</u>									
55	447-5555-580.22-10	Retirement Contributions	\$118,993	Benefits	\$124,943	\$131,190	\$137,749	\$144,637	\$151,869
56	447-5555-580.23-80	PTO Expense	0	Labor	0	0	0	0	0
57	447-5555-580.31-10	Professional Services	7,089	Labor	7,443	7,816	8,206	8,617	9,048

**Table 2-4  
City of Edgewater, Florida  
Solid Waste Utility Rate Study**

**Projection of Solid Waste Operating Expenses**

Line No.	Cost Center ID Code	Description	Adjusted 2022	Escalation Reference	Fiscal Year Ending September 30,				
					2023	2024	2025	2026	2027
58	447-5555-580.45-10	General Liability	6,408	General-Ins	6,728	7,065	7,418	7,789	8,178
59	447-5555-580.45-15	Property	21,201	General-Ins	22,261	23,374	24,543	25,770	27,058
60	447-5555-580.45-20	Public Officials	4,945	Labor	5,192	5,452	5,724	6,011	6,311
61	447-5555-580.45-25	Automobile	5,971	General-Ins	6,270	6,583	6,912	7,258	7,621
62	447-5555-580.49-20	Bank Charges	0	Eliminate	0	0	0	0	0
63	447-5555-580.49-50	Write Off	0	Eliminate	0	0	0	0	0
64	447-5555-580.49-60	Hurricane Charges	0	Eliminate	0	0	0	0	0
65	447-5555-580.49-70	Disaster Event Charges	0	Eliminate	0	0	0	0	0
66	447-5555-580.49-62	Disaster Charges COVID-19	2,271	Marginal	2,294	2,317	2,340	2,363	2,387
67	447-5555-580.59-10	Depreciation	0	Eliminate	0	0	0	0	0
68	447-5555-580.61-10	Land [3]	0	Eliminate	0	0	0	0	0
69	447-5555-580.64-10	Machinery & Equipment [3]	0	Eliminate	0	0	0	0	0
70	447-5555-580.64-20	Motor Vehicles [3]	0	Eliminate	0	0	0	0	0
71	447-5555-580.71-44	Refuse TRK Bond - Principal [3]	0	Eliminate	0	0	0	0	0
72	447-5555-580.72-44	Refuse TRK Bond - Interest [3]	0	Eliminate	0	0	0	0	0
73	447-5555-580.73-20	Bond Issuance Cost [3]	0	Eliminate	0	0	0	0	0
74	447-5555-581.04-40	Water Sewer	0	Eliminate	0	0	0	0	0
75	447-5555-581.04-50	Public Works Complex - Capital [3]	0	Eliminate	0	0	0	0	0
76	447-5555-581.05-01	MIS [3]	0	Eliminate	0	0	0	0	0
77	447-5555-581.10-01	General Fund	0	Eliminate	0	0	0	0	0
78	447-5555-589.10-01	Current Year Unreserved	0	Eliminate	0	0	0	0	0
79	447-5555-589.50-50	Charter Reserve/Stabilization	0	Eliminate	0	0	0	0	0
80		Total Operating Expenses	\$166,878		\$175,131	\$183,796	\$192,893	\$202,444	\$212,472
81		<b>Total Non-Departmental - 5555</b>	\$166,878		\$175,131	\$183,796	\$192,893	\$202,444	\$212,472
		<b>Miscellaneous Adjustments</b>							
82	Contingency	Contingency - 1.00% of O&M [4]	\$30,952	Input	\$34,277	\$37,273	\$38,946	\$40,690	\$42,534
83	BadDebt	Bad Debt Expense - 0.25% of Rate Revs. [5]	9,544	Input	9,731	9,872	9,968	10,042	10,115
84		Budgetary Adjustment - Actual to Budget	0	Input	0	0	0	0	0
85	Other	Tax Collection Charge	0	Input	0	0	0	0	0
86		<b>TOTAL OPERATING EXPENSES</b>	<u>\$3,135,650</u>		<u>\$3,471,716</u>	<u>\$3,774,397</u>	<u>\$3,943,538</u>	<u>\$4,119,760</u>	<u>\$4,306,071</u>

**Footnotes:**

- [1] Budgeted amounts shown are based on the Fiscal Year 2022 Adopted Operating Budget as provided by the City.  
[2] Budgeted amounts for the PILOFF are transferred to the General Fund and are therefore excluded from the Cost of Operation and Maintenance for coverage purposes. This items has been adjusted from the budget and are accounted for in the summary of Revenue Requirements later in the rate model.  
[3] Amounts are adjusted from budget as shown herein since such capital outlay expenses and debt service payments are reflected in the Capital Improvements Plan or the Revenue Requirements part of the rate model.  
[4] A contingency of 1.00% of O&M was added to allow for unforeseen contingencies.  
[5] An allowance for bad debt expense of 0.25% of rate was recognized to account for uncollectible accounts.

**Table 2-5**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**

**Summary of Projected Escalation Factors**

Line No.	Description	Escalation Reference	Fiscal Year Ending September 30,				
			2023	2024	2025	2026	2027
1	General Inflation (CPI) [1][2]	Inflation	1.0700	1.0500	1.0230	1.0240	1.0240
2	Labor [2]	Labor	1.0500	1.0500	1.0500	1.0500	1.0500
3	Benefits [2]	Benefits	1.0500	1.0500	1.0500	1.0500	1.0500
4	Health Insurance [2]	Health-Ins	1.1000	1.1000	1.1000	1.1000	1.1000
5	Contractual Services	Contractual	1.0400	1.0400	1.0400	1.0400	1.0400
6	Professional Services	Professional	1.0400	1.0400	1.0400	1.0400	1.0400
7	Electricity	Electricity	1.0700	1.0300	1.0300	1.0300	1.0300
8	General Insurance [2]	General-Ins	1.0500	1.0500	1.0500	1.0500	1.0500
9	Repair and Maintenance	Repair	1.0550	1.0450	1.0350	1.0350	1.0350
10	Fuel	Fuel	1.1500	1.1000	1.0700	1.0700	1.0700
11	Constant	Constant	1.0000	1.0000	1.0000	1.0000	1.0000
12	Eliminate	Eliminate	0.0000	0.0000	0.0000	0.0000	0.0000
13	Marginal	Marginal	1.0100	1.0100	1.0100	1.0100	1.0100
14	Decline	Decline	0.9500	0.9500	0.9500	0.9500	0.9500
15	Customer Growth	Cust-Growth	1.0204	1.0150	1.0099	1.0073	1.0073
16	Customer Growth + Inflation	Growth+Infl	1.0918	1.0657	1.0331	1.0315	1.0314
17	Workers' Compensation	WorkComp	1.0300	1.0300	1.0300	1.0300	1.0300
18	Recycling Rate	Recycling	1.0700	1.0500	1.0230	1.0240	1.0240
19	Recycling Rate + Growth	Rec-Growth	1.0918	1.0657	1.0331	1.0315	1.0314

**Footnotes:**

[1] Fiscal Years 2023 and 2024 projected based on recent trends. Fiscal Years 2025 through 2027 based on estimated projections from "Budget and Economic Outlook: 2021 to 2031", published by the Congressional Budget Office in February 2021.

[2] Based on discussions with City staff.

**Table 2-6**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**

**Capital Improvement Program Funding Plan**

Line No.	Description	Escalation Reference	Funding Source	Adjusted 2022	Fiscal Year Ending September 30,					6-Year Total
					2023	2024	2025	2026	2027	
<b><u>CIP Escalation Factor Alternatives</u></b>										
<b><u>General Project Escalators</u></b>										
1	Inflation (CPI)	Inflation		1.000	1.070	1.124	1.150	1.178	1.206	
2	No Assumed Escalation (0.0% per Year)	None		1.000	1.000	1.000	1.000	1.000	1.000	
3	Capital Outlay (3.5% per Year)	Outlay		1.000	1.035	1.070	1.110	1.150	1.190	
4	ENR Index Average (3.0% per Year)	ENR		1.000	1.030	1.060	1.090	1.120	1.150	
5	Marginal Increase (1.0% per Year)	Marginal		1.000	1.010	1.020	1.030	1.040	1.050	
6	High Increase (5.0% per Year)	High		1.000	1.050	1.100	1.160	1.220	1.280	
<b>CAPITAL IMPROVEMENT PLAN</b>										
7	Vehicles (Garbage Trucks)	Inflation	Rates	\$555,000	\$856,000	\$0	\$0	\$0	\$0	\$1,411,000
8	Vehicles (Garbage Trucks) (Split Funding)	Inflation	Sub.1	0	0	0	0	0	0	0
9	Vehicles (Garbage Trucks) (Split Funding)	Inflation	Sub.2	0	0	370,920	0	0	0	370,920
10	Vehicles (Garbage Trucks) (Split Funding)	Inflation	Sub.3	0	0	0	379,500	0	0	379,500
11	Vehicles (Garbage Trucks) (Split Funding)	Inflation	Rates	0	0	0	0	388,740	0	388,740
12	Vehicles (Garbage Trucks) (Split Funding)	Inflation	Rates	0	0	0	0	0	397,980	397,980
13	Public Works Building	ENR	Senior1	0	0	0	3,783,287	0	0	3,783,287
14	Public Works Building (Split Funding)	ENR	Rates	118,000	84,460	0	0	0	0	202,460
15	Subtotal Capital Improvement Plan			\$673,000	\$940,460	\$370,920	\$4,162,787	\$388,740	\$397,980	\$6,933,887
16	Capital Outlay	Outlay	Rates	\$101,000	\$0	\$31,050	\$32,100	\$33,300	\$34,500	\$231,950
17	<b>TOTAL CAPITAL IMPROVEMENT PLAN</b>			<b>\$774,000</b>	<b>\$940,460</b>	<b>\$401,970</b>	<b>\$4,194,887</b>	<b>\$422,040</b>	<b>\$432,480</b>	<b>\$7,165,837</b>
<b>FUNDING SOURCES</b>										
18	Rate Revenue		Rates	\$774,000	\$940,460	\$31,050	\$32,100	\$422,040	\$432,480	\$2,632,130
19	Existing Debt Proceeds		ExistDebt	0	0	0	0	0	0	0
20	Additional Senior Lien Debt 1		Senior1	0	0	0	3,783,287	0	0	3,783,287
21	Additional Subordinate Lien Debt 1		Sub.1	0	0	0	0	0	0	0
22	Additional Subordinate Lien Debt 2		Sub.2	0	0	370,920	0	0	0	370,920
23	Additional Subordinate Lien Debt 3		Sub.3	0	0	0	379,500	0	0	379,500
24	Additional Subordinate Lien Debt 4		Sub.4	0	0	0	0	0	0	0
25	Other		Other	0	0	0	0	0	0	0
26	<b>TOTAL FUNDING SOURCES</b>			<b>\$774,000</b>	<b>\$940,460</b>	<b>\$401,970</b>	<b>\$4,194,887</b>	<b>\$422,040</b>	<b>\$432,480</b>	<b>\$7,165,837</b>

## Footnotes:

[1] Original amounts as provided by staff and adjusted for inflation.



**Table 2-7**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**

**Summary of Debt Service Payments**

Line No.	Description	Fiscal Year Ending September 30th,					
		2022	2023	2024	2025	2026	2027
<b>Solid Waste System</b>							
<u>Existing Debt:</u>							
1	Non Ad-Valorem Revenue Note - Series 2020 (Lease Purchase - Truist Bank)	\$157,548	\$157,693	\$157,288	\$157,592	\$118,343	\$0
2	Total Existing Debt Payments	\$157,548	\$157,693	\$157,288	\$157,592	\$118,343	\$0
<u>Proposed Senior Lien Debt:</u>							
3	Additional Senior Lien Debt 1	\$0	\$0	\$0	\$325,094	\$325,094	\$325,094
4	Total Proposed Senior Lien Debt Service Payments	\$0	\$0	\$0	\$325,094	\$325,094	\$325,094
<u>Proposed Junior Lien Debt:</u>							
5	Additional Subordinate Lien Debt 1	\$0	\$0	\$0	\$0	\$0	\$0
6	Additional Subordinate Lien Debt 2	0	0	68,884	68,884	68,884	68,884
7	Additional Subordinate Lien Debt 3	0	0	0	70,386	70,386	70,386
8	Additional Subordinate Lien Debt 4	0	0	0	0	0	0
9	Total Proposed Junior Lien Debt Service Payments	\$0	\$0	\$68,884	\$139,269	\$139,269	\$139,269
10	Total Solid Waste Debt Service Payments	\$157,548	\$157,693	\$226,171	\$621,956	\$582,706	\$464,364

**Table 2-8**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**

**Projection of Interfund Transfers**

Line No.	Description	Fiscal Year Ending September 30,					
		2022	2023	2024	2025	2026	2027
<b>Payment in Lieu of Franchise Fees (PILOFF) [1]</b>							
1	Current Year Collection Revenue	\$3,238,621	\$3,301,903	\$3,643,058	\$4,000,604	\$4,383,024	\$4,801,738
2	Current Year Recycling Revenue	578,616	589,992	650,895	714,575	782,587	857,030
3	Total Rate Revenue	\$3,817,237	\$3,891,895	\$4,293,952	\$4,715,178	\$5,165,611	\$5,658,768
4	Payment In Lieu of Franchise Fees Factor (% of Revenue)	5.84%	5.90%	5.90%	5.90%	5.90%	5.90%
5	Payment in Lieu of Franchise Fee Amount	\$223,041	\$229,622	\$253,343	\$278,196	\$304,771	\$333,867
6	Collection Allocation	95.89%	95.89%	95.89%	95.89%	95.89%	95.89%
7	Recycling Allocation	4.11%	4.11%	4.11%	4.11%	4.11%	4.11%
8	Solid Waste Payment in Lieu of Franchise Fees (PILOFF) Transfer	\$213,875	\$220,184	\$242,931	\$266,762	\$292,245	\$320,145
9	Recycling Payment in Lieu of Franchise Fees (PILOFF) Transfer	9,166	9,437	10,412	11,434	12,526	13,722
10	Annual Payment in Lieu of Franchise Fees (PILOFF) Transfers	\$223,041	\$229,622	\$253,343	\$278,196	\$304,771	\$333,867
<b>Charter Reserve Transfer</b>							
11	Total Charter Reserve Transfer	\$0	\$38,037	\$38,037	\$38,037	\$38,037	\$38,037
12	Total Interfund Transfers	\$223,041	\$267,659	\$291,381	\$316,233	\$342,808	\$371,905

**Footnotes:**

[1] Amounts reflect Fund Transfers budgeted in the Fiscal Year 2022 Operating Budget.

**Table 2-9**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**

**Projection of Ending Cash Balances and Interest Income**

Line No.	Description	Investment Reference		Projected Fiscal Year Ending September 30,					
		Cash Balance	Interest Income	2022	2023	2024	2025	2026	2027
<b><u>Year End Cash Balances Roll-Up:</u></b>									
1	Solid Waste Operating Fund (447)	(U)	(U)	\$2,639,115	\$1,699,328	\$1,674,965	\$1,480,975	\$1,183,289	\$1,270,919
2	Customer Deposits (447A)	(R)	(R)	43,057	43,165	43,273	43,381	43,490	43,598
3	Charter Reserve Fund	(U)	(U)	530,553	569,965	609,475	649,083	688,791	728,598
4	Existing Construction Fund	(R)	(R)	0	0	0	0	0	0
5	Total Ending Cash Balances			\$3,212,726	\$2,312,458	\$2,327,712	\$2,173,439	\$1,915,570	\$2,043,115
<b><u>Solid Waste Operating Fund (447)</u></b>									
6	Beginning Balance			\$3,104,516	\$2,639,115	\$1,699,328	\$1,674,965	\$1,480,975	\$1,183,289
7	Transfers In - Revenue Requirements			3,817,237	3,891,895	4,293,952	4,715,178	5,165,611	5,658,768
8	Transfers In - Debt Proceeds			0	0	0	0	0	0
9	Transfers In - Sale of Surplus			0	0	0	0	0	0
10	Transfers In - Public Works and Transfer Stations			0	0	0	0	0	0
11	Transfers In - Operating Transfer			0	0	0	0	0	0
12	Transfers In - Debt Service Reserve			0	0	0	0	0	0
13	Transfers Out - Revenue Requirements			4,282,637	4,831,682	4,318,316	4,909,168	5,463,296	5,571,138
14	Transfers Out - Capital Improvements			0	0	0	0	0	0
15	Transfers Out - R&R Fund			0	0	0	0	0	0
16	Transfers Out - Public Works and Transfer Stations			0	0	0	0	0	0
17	Transfers Out - Operating Transfer			0	0	0	0	0	0
18	Interest Rate			0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
19	Interest Income		(U)	\$7,180	\$5,423	\$4,218	\$3,945	\$3,330	\$3,068
	Recognition of Interest Income								
20	in Revenue Requirements			\$7,180	\$5,423	\$4,218	\$3,945	\$3,330	\$3,068
21	Ending Balance	(U)		\$2,639,115	\$1,699,328	\$1,674,965	\$1,480,975	\$1,183,289	\$1,270,919
22	Target Days of Available Cash: 60 Days of Rate Revenue			627,491	639,763	705,855	775,098	849,141	930,208
23	Calculated Days of Available Cash (Revenue)			252	159	142	115	84	82
<b><u>Customer Deposits (447A)</u></b>									
24	Beginning Balance			\$42,950	\$43,057	\$43,165	\$43,273	\$43,381	\$43,490
25	Transfers In			0	0	0	0	0	0
26	Transfers Out			0	0	0	0	0	0
27	Interest Rate			0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
28	Interest Income		(R)	\$107	\$108	\$108	\$108	\$108	\$109
	Recognition of Interest Income								
29	in Revenue Requirements			\$0	\$0	\$0	\$0	\$0	\$0
30	Ending Balance	(R)		\$43,057	\$43,165	\$43,273	\$43,381	\$43,490	\$43,598
<b><u>Charter Reserve Fund</u></b>									
31	Beginning Balance			\$530,553	\$530,553	\$569,965	\$609,475	\$649,083	\$688,791
32	Transfers In - Annual Operations			0	38,037	38,037	38,037	38,037	38,037
33	Transfers Out - CIP			0	0	0	0	0	0
34	Transfers Out			0	0	0	0	0	0
35	Interest Rate			0.00%	0.25%	0.25%	0.25%	0.25%	0.25%
36	Interest Income		(R)	\$0	\$1,374	\$1,472	\$1,571	\$1,670	\$1,770
	Recognition of Interest Income								
37	in Revenue Requirements			\$0	\$0	\$0	\$0	\$0	\$0
38	Ending Balance	(R)		\$530,553	\$569,965	\$609,475	\$649,083	\$688,791	\$728,598
<b><u>Existing Construction Fund</u></b>									
39	Beginning Balance			\$0	\$0	\$0	\$0	\$0	\$0
40	Transfers In			0	0	0	0	0	0
41	Transfers Out - CIP			0	0	0	0	0	0
42	Interest Rate			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
43	Interest Income		(R)	\$0	\$0	\$0	\$0	\$0	\$0
	Recognition of Interest Income								
44	in Revenue Requirements			\$0	\$0	\$0	\$0	\$0	\$0
45	Ending Balance	(R)		\$0	\$0	\$0	\$0	\$0	\$0
<b><u>Proposed Bonds Construction Fund</u></b>									
46	Beginning Balance			\$0	\$0	\$0	\$0	\$0	\$0
47	Transfers In			0	0	0	3,783,287	0	0
48	Transfers Out - CIP			0	0	0	3,783,287	0	0

**Table 2-9**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**

**Projection of Ending Cash Balances and Interest Income**

Line No.	Description	Investment Reference		Projected Fiscal Year Ending September 30,					
		Cash Balance	Interest Income	2022	2023	2024	2025	2026	2027
49	Interest Rate			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
50	Interest Income		(R)	\$0	\$0	\$0	\$0	\$0	\$0
	Recognition of Interest Income								
51	in Revenue Requirements			\$0	\$0	\$0	\$0	\$0	\$0
52	Ending Balance	(R)		\$0	\$0	\$0	\$0	\$0	\$0
<b>Debt Service Sinking Fund</b>									
53	Annual Debt Service Payment			\$157,548	\$157,693	\$226,171	\$621,956	\$582,706	\$464,364
54	Average Balance	(R)		39,387	39,423	56,543	155,489	145,677	116,091
55	Interest Rate			0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
56	Interest Income		(U)	\$98	\$99	\$141	\$389	\$364	\$290
	Recognition of Interest Income								
57	in Revenue Requirements			\$98	\$99	\$141	\$389	\$364	\$290
<b><u>Interest Income:</u></b>									
58	Unrestricted Interest Income		(U)	\$7,278	\$5,522	\$4,359	\$4,334	\$3,695	\$3,358
59	Restricted Interest Income		(R)	107	1,482	1,580	1,679	1,779	1,878
60	<b>Total Interest Income</b>			<u>\$7,385</u>	<u>\$7,003</u>	<u>\$5,940</u>	<u>\$6,013</u>	<u>\$5,473</u>	<u>\$5,236</u>

**Table 2-10**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**

**Projected Solid Waste System Revenue Requirements**

Line No.	Description	Projected Fiscal Year Ending September 30,					
		2022	2023	2024	2025	2026	2027
<b><u>Operating Expenses [1]</u></b>							
1	Total Operating Expenses	\$3,135,650	\$3,471,716	\$3,774,397	\$3,943,538	\$4,119,760	\$4,306,071
<b><u>Debt Service Payments: [2]</u></b>							
<b><u>Existing Debt</u></b>							
2	Non Ad-Valorem Revenue Note - Series 2020 (Lease Purchase - Truist Bank)	\$157,548	\$157,693	\$157,288	\$157,592	\$118,343	\$0
3	Total Existing Debt Service Payments	\$157,548	\$157,693	\$157,288	\$157,592	\$118,343	\$0
<b><u>Proposed Debt Service: [3]</u></b>							
4	Additional Senior Lien Debt 1	\$0	\$0	\$0	\$325,094	\$325,094	\$325,094
5	Additional Junior Lien Debt 1	0	0	0	0	0	0
6	Additional Junior Lien Debt 2	0	0	68,884	68,884	68,884	68,884
7	Additional Junior Lien Debt 3	0	0	0	70,386	70,386	70,386
8	Additional Junior Lien Debt 4	0	0	0	0	0	0
9	Total Proposed Debt Service Payments	\$0	\$0	\$68,884	\$464,364	\$464,364	\$464,364
10	Total Debt Service Payments	\$157,548	\$157,693	\$226,171	\$621,956	\$582,706	\$464,364
<b><u>Other Revenue Requirements:</u></b>							
11	Transfers to General Fund - PILOFF [4]	\$223,041	\$229,622	\$253,343	\$278,196	\$304,771	\$333,867
12	Transfer to Charter Reserve Fund [5]	0	38,037	38,037	38,037	38,037	38,037
13	Other Capital Funded from Rates [6]	774,000	940,460	31,050	32,100	422,040	432,480
14	Transfer to Operating Reserves	0	0	0	0	0	0
15	Total Other Revenue Requirements	\$997,041	\$1,208,119	\$322,431	\$348,333	\$764,848	\$804,385
16	Gross Revenue Requirements	\$4,290,239	\$4,837,527	\$4,322,999	\$4,913,826	\$5,467,315	\$5,574,820
<b><u>Less Income and Funds from Other Sources:</u></b>							
17	Other Operating Revenue	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)
18	Extra Can Revenue	324	324	324	324	324	324
19	Interest Income [7]	7,278	5,522	4,359	4,334	3,695	3,358
20	Transfer from Operating Reserves	0	0	0	0	0	0
21	Total Other Revenues	\$7,602	\$5,846	\$4,683	\$4,658	\$4,019	\$3,682
22	Net Revenue Requirements	\$4,282,637	\$4,831,682	\$4,318,316	\$4,909,168	\$5,463,296	\$5,571,138
<b><u>Revenue from Solid Waste Rates:</u></b>							
23	Collection Revenue	\$3,238,621	\$3,301,903	\$3,349,938	\$3,382,727	\$3,407,894	\$3,433,060
24	Prior Year Rate Adjustments	0	0	0	295,989	622,473	982,331
25	Collection Revenue Before Current Year Adjustments	\$3,238,621	\$3,301,903	\$3,349,938	\$3,678,716	\$4,030,367	\$4,415,391
26	Recycling Revenue	\$578,616	\$589,992	\$598,524	\$604,212	\$608,478	\$612,744
27	Prior Year Rate Adjustments	0	0	0	52,869	111,142	175,330
28	Recycling Revenue Before Current Year Adjustments	\$578,616	\$589,992	\$598,524	\$657,080	\$719,620	\$788,074
29	Total Rate Revenue Before Current Year Adjustment	\$3,817,237	\$3,891,895	\$3,948,462	\$4,335,796	\$4,749,987	\$5,203,465
30	Revenue Surplus / (Deficiency)	(465,400)	(939,787)	(369,854)	(573,372)	(713,309)	(367,673)
31	Percent of Current Year Rate Revenue	-12.19%	-24.15%	-9.37%	-13.22%	-15.02%	-7.07%

**Table 2-10**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**

**Projected Solid Waste System Revenue Requirements**

Line No.	Description	Projected Fiscal Year Ending September 30,					
		2022	2023	2024	2025	2026	2027
<u>Current Year Rate Adjustments - Collection</u>							
32	Current Year Rate Adjustment	0.00%	0.00%	8.75%	8.75%	8.75%	8.75%
33	Effective Month	Jul.	Oct.	Oct.	Oct.	Oct.	Oct.
34	% of Current Year Effective	25.00%	100.00%	100.00%	100.00%	100.00%	100.00%
35	Total Revenue from Current Year Adjustments	\$0	\$0	\$293,120	\$321,888	\$352,657	\$386,347
<u>Current Year Rate Adjustments - Recycling</u>							
36	Current Year Rate Adjustment	0.00%	0.00%	8.75%	8.75%	8.75%	8.75%
37	Effective Month	Oct.	Oct.	Oct.	Oct.	Oct.	Oct.
38	% of Current Year Effective	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
39	Total Revenue from Current Year Adjustments	\$0	\$0	\$52,371	\$57,495	\$62,967	\$68,956
40	Collection Revenue After Rate Adjustments	\$3,238,621	\$3,301,903	\$3,643,058	\$4,000,604	\$4,383,024	\$4,801,738
41	Recycling Revenue After Rate Adjustments	578,616	589,992	650,895	714,575	782,587	857,030
42	<b>Total Revenue After Rate Adjustments</b>	<b>\$3,817,237</b>	<b>\$3,891,895</b>	<b>\$4,293,952</b>	<b>\$4,715,178</b>	<b>\$5,165,611</b>	<b>\$5,658,768</b>
43	<b>Revenue Surplus/(Deficiency) [8]</b>	<b>(\$465,400)</b>	<b>(\$939,787)</b>	<b>(\$24,363)</b>	<b>(\$193,990)</b>	<b>(\$297,686)</b>	<b>\$87,630</b>
44	<b>Percent of Rate Revenues</b>	<b>-12.19%</b>	<b>-24.15%</b>	<b>-0.57%</b>	<b>-4.16%</b>	<b>-5.83%</b>	<b>1.57%</b>

Footnotes:

- [1] Amounts derived from the City's Fiscal Year 2022 Budget and are escalated as shown on Table 2-4.  
[2] Payment amounts shown were based on debt service schedules provided by City Staff.  
[3] The proposed debt is based upon the funding of the capital improvement program. Initial payments shown may indicate a partial year's payment of debt service due to the timing of the instrument. The following indicated the estimated terms and conditions of the proposed debt.

Additional Senior Lien Debt 1  
Principal (Includes Project Costs and Costs of Issuance) \$3,885,000  
Issue Date 10/1/2024  
Interest Rate 5.50%  
Term (Years) 20  
Annual Average Debt Service \$325,094

Additional Subordinate Lien Debt 1  
Principal (Includes Project Costs and Costs of Issuance) \$0  
Issue Date 10/1/2027  
Interest Rate 5.00%  
Term (Years) 7  
Annual Average Debt Service \$0

Additional Subordinate Lien Debt 2  
Principal (Includes Project Costs and Costs of Issuance) \$395,000  
Issue Date 10/1/2023  
Interest Rate 5.25%  
Term (Years) 7  
Annual Average Debt Service \$68,884

Additional Subordinate Lien Debt 3  
Principal (Includes Project Costs and Costs of Issuance) \$400,000  
Issue Date 10/1/2024  
Interest Rate 5.50%  
Term (Years) 7  
Annual Average Debt Service \$70,386

- [4] Amount shown is a transfer to the City's General Fund and is based on 5.9% of the previous Fiscal Year's revenues.  
[5] Amounts are transfers to a Charter Reserve Fund and are targeted to be 15% of gross revenue requirements after a 5-year build up period.  
[6] Amounts based on the proposed capital funding plan as shown in Table 2-6.  
[7] Interest income is estimated on earnings on projected fund balances from unrestricted reserves.  
[8] The forecast assumes that any deficiencies will be funded from available operating reserves.



**Table 2-11**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**

**Projection of Debt Service Coverage Compliance**

Line No.	Description	Fiscal Year Ending September 30,					
		2022	2023	2024	2025	2026	2027
<b><u>Subordinate Lien Test</u></b>							
31	Net Revenues	\$689,189	\$426,024	\$524,238	\$451,204	\$724,775	\$1,031,284
32	Total Subordinate Lien Debt Service Payments	\$0	\$0	\$68,884	\$139,269	\$139,269	\$139,269
33	Calculated Ratio	0.00%	0.00%	761.05%	323.98%	520.41%	740.50%
34	Minimum Required Coverage Ratio	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
<b><u>Less Other Required and Recognized Transfers:</u></b>							
35	Capital Funded from Rates	\$774,000	\$940,460	\$31,050	\$32,100	\$422,040	\$432,480
36	Charter Reserve Fund Transfer	0	38,037	38,037	38,037	38,037	38,037
37	Transfers to General Fund - PILOFF	[4] 223,041	229,622	253,343	278,196	304,771	333,867
38	Transfer to Public Works and Transfer Stations	0	0	0	0	0	0
39	Net Transfer to Operating Reserves	0	0	0	0	0	0
40	Total Other Required and Recognized Transfers	\$997,041	\$1,208,119	\$322,431	\$348,333	\$764,848	\$804,385
41	Net Amount Available for Other Utility System Purposes	<u>(\$465,400)</u>	<u>(\$939,787)</u>	<u>(\$24,363)</u>	<u>(\$193,990)</u>	<u>(\$297,686)</u>	<u>\$87,630</u>

Footnotes begin on following page.



**Table 2-11**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**

**Projection of Debt Service Coverage Compliance**

Footnotes:

- [1] Projected revenue from rates reflects existing rates effective October 1, 2021.
- [2] Revenue from solid waster rate adjustments reflect the following projected rate increases effective October 1st of each year.

Fiscal Year	2022	2023	2024	2025	2026	2027
Rate Adjustment	0.00%	0.00%	8.75%	8.75%	8.75%	8.75%

- [3] Amounts shown only reflect earnings from funds and accounts established by the City that are considered unrestricted (earnings not required to be retained in such funds and accounts and are available as a component of Net Revenues)
- [4] Amounts shown represent a transfer to the City's General fund for Payment in Lieu of Franchise Fees (PILOFF), which is a transfer made based on 5.90% of the previous year's rate revenue. The PILOFF transfer is allocated to the Collection department and the Recycling departments with allocation percentages of 95.89% and 4.11 % respectively.

**Table 2-12**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**

**Comparison of Monthly Residential Solid Waste Bills [1]**

Line No.	Description	Annual Charges	Residential Collection & Disposal				Non-Ad Valorem Assessment
			Monthly Charges	Garbage Collection	Recycling Collection	Yard Waste Collection	
<b>City of Edgewater:</b>							
1	Current Rates	\$361.80	\$30.15	2 x week	1 x week	1 x week	No
2	Proposed Rates	361.80	30.15	2 x week	1 x week	1 x week	No
<b><u>Other Solid Waste Systems:</u></b>							
3	City of Daytona Beach	\$312.00	\$26.00	2 x week	1 x week	1 x week	No
4	City of DeLand	150.36	12.53	1 x week	1 x week	1 x week	No
5	City of Deltona	202.80	16.90	1 x week	0 x week	1 x week	Yes
6	City of Eustis	201.72	16.81	1 x week	1 x week	1 x week	No
7	City of Holly Hill	276.12	23.01	2 x week	1 x week	1 x week	No
8	City of Orange City	167.52	13.96	2 x week	1 x week	1 x week	Yes
9	City of Ormond Beach	273.96	22.83	2 x week	1 x week	1 x week	No
10	Town of Ponce Inlet	360.00	30.00	2 x week	1 x week	1 x week	No
11	City of Port Orange	270.96	22.58	2 x week	1 x week	1 x week	No
12	City of Sanford	244.80	20.40	2 x week	1 x week	1 x week	No
13	Seminole County [2]	240.00	20.00	2 x week	1 x week	1 x week	Yes
14	City of South Daytona	225.72	18.81	2 x week	1 x week	1 x week	No
15	Volusia County	262.00	21.83	2 x week	1 x week	1 x week	Yes
16	Other Utilities' Average	\$245.23	\$20.44				

**Footnotes:**

- [1] Unless otherwise noted, amounts shown reflect rates in effect May June 2022 and are exclusive of taxes or franchise fees, if any. All rates are as reported by the respective utility. This comparison is intended to show comparable charges for similar service for comparison purposes only and is not intended to be a complete listing of all rates and charges offered by each listed utility.
- [2] Residential property owners are offered a choice of collection options with different frequencies of collection and rates. The rate shown is based on a collection frequency of two times per week for garbage and one time per week for recycling and yard waste.

## **SECTION 3**

# **STORMWATER SYSTEM**

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**RAFTELIS**

## SECTION 3 – STORMWATER SYSTEM

### Customer Growth and Revenues

Projected revenues from rates for the stormwater system were based on the existing rate effective October 1, 2021. In order to calculate projected revenues from rates for the Forecast Period, the existing Fiscal Year 2022 rates were applied to the projected billing statistics. Based on discussions with City Staff, the growth projections included in this analysis recognize an average annual growth in customers of approximately one percent (1.2%), beginning with 250 additional accounts per year and tapering down to 75 accounts per year by the end of the Forecast Period, as shown in Table 3-1. Based on these assumptions, system revenues at existing rates are estimated to increase from approximately \$2.3 million to \$2.5 million per year over the Forecast Period. Other miscellaneous operating revenues, located on Table 3-3, are projected, on average, to be approximately \$17,000 per year and interest earnings on unrestricted fund balances, located on Table 3-10, are estimated to average approximately \$6,000 per year.

### Operating and Maintenance Expenses

The Fiscal Year 2022 operating budget served as the basis for the operating expense projections for the remainder of the Forecast Period. Adjustments were made to the Fiscal Year 2022 operating budgets to exclude depreciation, principal and interest payments on debt, capital expenditures, and additions to reserves, which were accounted for separately in our analysis; or in the case of depreciation, excluded as a non-cash expense. These adjustments resulted in the Fiscal Year 2022 operating budget of \$5.5 million being adjusted down to approximately \$1.5 million in operating expenses, as shown in Table 3-4. A contingency allowance of five percent (2.0%) of operation and maintenance expenses was recognized for unanticipated expenditures in each fiscal year. Additionally, a bad debt allowance of 0.25% of rate revenues was recognized in each fiscal year. The aforementioned allowances represent averages of approximately \$32,100 and \$6,000 annually, respectively. Operation and maintenance expenses are projected to increase by an annual average of approximately 4.73% per year from Fiscal Year 2022 operating budget levels and are shown in detail on Table 3-5. The overall increase over the Forecast Period in projected operating expenses was based upon assumptions corresponding to several escalation factors and the nature of the expense as shown on Table 3-6. A few of the major factors are shown below:

1. Labor – 5.0% per Year
2. Health Insurance – 10.0% per Year
3. Consumer Price Index (CPI) – 7.00% in Fiscal Year 2023, 5.00% in Fiscal Year 2024, 2.30% in Fiscal Year 2025, and 2.40% per Year for the remainder of the Forecast Period
4. Electricity – 7.00% in Fiscal Year 2023, and 3.00% per Year for the remainder of the Forecast Period
5. Benefits, and General Insurance – 5.0% per Year
6. Fuel – 15.00% in Fiscal Year 2023, 10.00% in Fiscal Year 2024, and 7.00% per Year for the remainder of the Forecast Period

## Capital Improvement Plan

The CIP utilized in this analysis was based on the Fiscal Years 2022 – 2027 CIP, as provided by City. The City’s project cost estimates were based on current year dollars and therefore these amounts were escalated to account for cost inflation over the Forecast Period. The current plan is projected to fund \$28.1 million capital projects. The System’s share of the Public Works Facility is anticipated to be funded from proposed debt and the financial forecast assumes that the other stormwater projects in the CIP will be fully funded through a combination of rate revenues and grant funding as shown on Table 3-7.

## Existing and Proposed Debt

Based on the debt service schedules for the outstanding revenue notes and vehicle lease the annual debt service payments to be funded from rates is approximately \$58,000 per year decreasing to \$0 in 2025 of the Forecast Period. The projected debt service payments associated with the Public Works Facility are projected to be approximately \$244,000 and start in 2025. Existing and the proposed debt service payments are summarized on Table 3-8 found at the end of this report.

## Transfers

The City transfers 5.9% of the prior year’s stormwater gross revenues to the General Fund in the form of a PILOFF. This amount is funded each year of the Forecast Period and averages approximately \$162,000 annually (starting at \$138,000 in 2022 and increasing to \$180,000 by 2027), as shown in Table 3-9.

## Cash Balances

As previously mentioned in Section 1 of this report, in Fiscal Year 2011, the City adopted Resolution No. 2011-R-20, which established a fund balance policy applying to all General Fund balances (the “Charter Reserve”). Subsequently in Fiscal Year 2016, the City adopted Resolution No. 2016-R-40, which extended the fund balance policy to all operating funds including the water, wastewater, stormwater, and solid waste enterprise funds. Part of the adopted fund balance policy establishes a reserve balance target equal to 15% of the current fiscal year operating expenditures, with a maximum of 25%. If the reserve balance amount falls below targeted levels the City must begin a plan to achieve the minimum balance of 15% within five (5) years. The City has currently fulfilled this requirement. Due to the nature of operating expenditures changing between Fiscal Years, a deposit of approximately \$12,000 per year (starting in 2023) is projected and funded in the rate plan to continue to meet this reserve requirement. Additionally, the City targets an Operating Fund cash balance between 90 to 120 days of rate revenue for the stormwater system. By the end of the Forecast Period the City is projected to have \$1.1 million in the operating fund, as shown in Table 3-10, which meets the City’s internal policy requirement.

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## Conclusions and Recommendations

Based on the updated projected operating expenditure needs of the stormwater system and the revised projected funding plan for the CIP, it is estimated that existing rates will be insufficient to meet the projected expenditures of the System, as shown in Tables 3-11 through 3-13. The projected operating results set forth herein assume the adoption of the newly proposed rate adjustments. Below is a summary of the proposed rate adjustments, along with certain projected financial operating results.

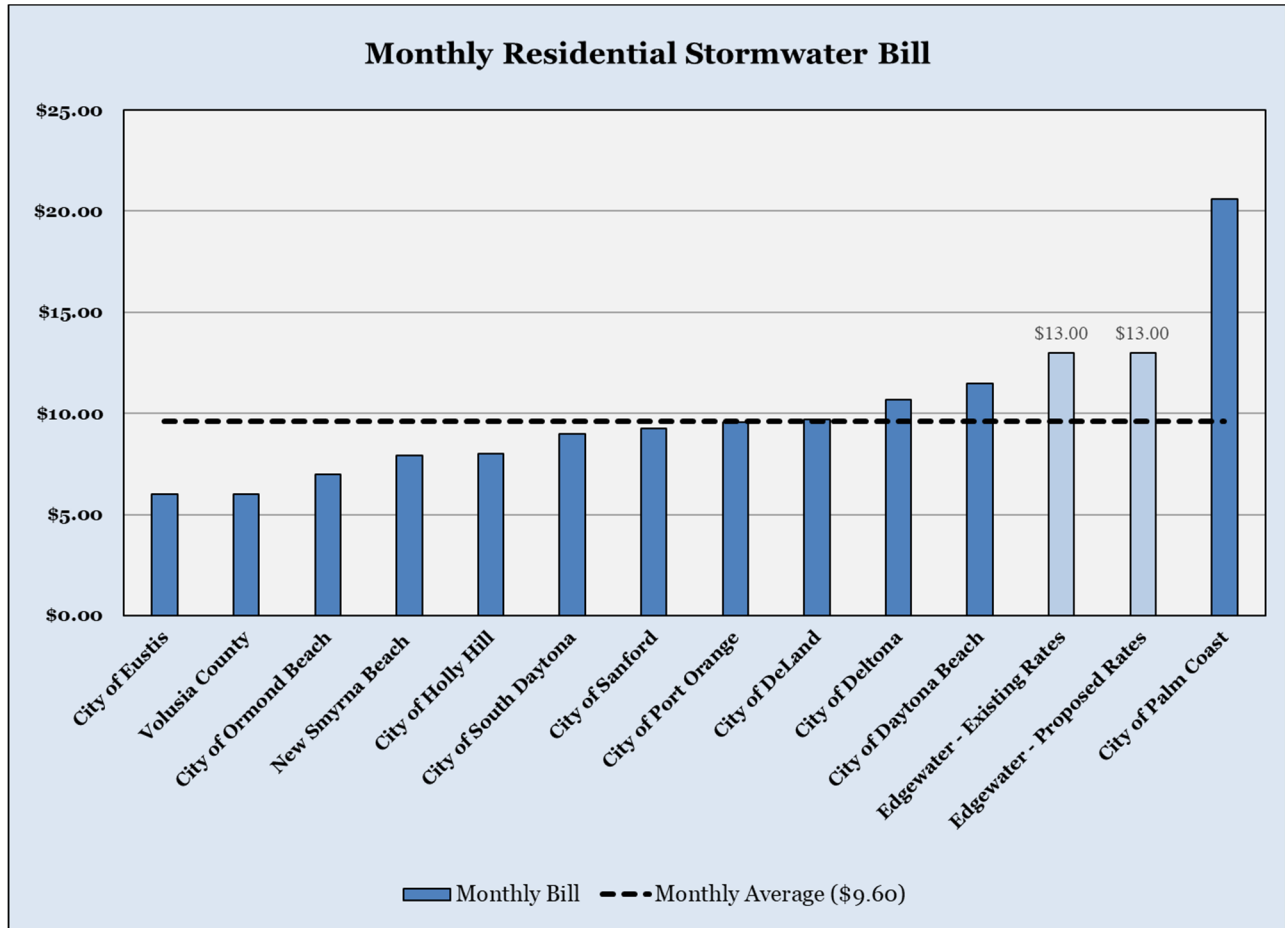
### Summary of Projected Rate Adjustments and Key Operating Results

Description	Fiscal Year Ending September 30,					
	2022	2023	2024	2025	2026	2027
Previously Recommended Rate Adjustments	8.33%	3.85%	3.70%	3.57%	1.72%	N/A
Proposed Stormwater Rate Adjustments	N/A[*]	0.00%	3.85%	3.70%	3.57%	3.45%
System Revenue Surplus/(Deficiency)	(\$116,002)	(\$93,238)	(\$264,798)	(\$851,908)	(\$561,781)	(\$3,708)
Operating Fund (Ending Balance)	\$2,860,407	\$2,767,169	\$2,502,371	\$1,650,463	\$1,088,682	\$1,084,974
Days of Cash (Target of 90-120 Days of Rate Revenue)	444	423	364	230	145	139
Charter Reserve Fund (Ending Balance)	\$281,645	\$294,512	\$307,412	\$320,344	\$333,308	\$346,305
Senior Lien Debt Service Coverage (Test 1.15)	N/A	N/A	N/A	3.98	4.07	4.15
Subordinate Lien Debt Service Coverage (Test 1.15)	18.09	18.28	22.89	N/A	N/A	N/A
All-In Debt Service Coverage (Target 1.50)	18.09	18.28	22.89	3.98	4.07	4.15

[\*] Rates were increased by 8.3% in Fiscal Year 2022.

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As shown below and on Table 3-13, bills under the proposed Fiscal Year 2023 stormwater rates are above average when compared to the surveyed, neighboring utilities' average.



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**Table 3-1  
City of Edgewater, Florida  
Stormwater Utility Rate Study**

**Summary of Historical and Projected Stormwater Accounts**

Line No	Description	Historical Fiscal Year Ended September 30, [1]					Fiscal Year Ending September 30					
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
<b><u>Residential Class</u></b>												
1	Account Growth	(6)	(6)	45	52	171	250	200	150	100	75	75
2	Average Monthly Accounts	9,484	9,478	9,523	9,575	9,746	9,996	10,196	10,346	10,446	10,521	10,596
3	Average Equivalent Dwelling Units	9,484	9,478	9,523	9,575	9,746	9,996	10,196	10,346	10,446	10,521	10,596
4	Equivalent Dwelling Units (EDUs) Per Account	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
<b><u>Commercial and Non-Residential</u></b>												
<b><u>Residential Multi-Family</u></b>												
5	Account Growth	0	1	0	1	1	0	0	0	0	0	0
6	Average Monthly Accounts	50	51	51	52	53	53	53	53	53	53	53
7	Average Equivalent Dwelling Units	611	1,372	1,427	1,422	1,416	1,416	1,416	1,416	1,416	1,416	1,416
8	Equivalent Dwelling Units (EDUs) Per Account	12.22	26.90	27.98	27.35	26.55	26.55	26.55	26.55	26.55	26.55	26.55
<b><u>Commercial (Without Site Mitigation)</u></b>												
9	Account Growth	14	(1)	5	(2)	3	5	5	5	5	5	5
10	Average Monthly Accounts	265	264	269	267	270	275	280	285	290	295	300
11	Average Equivalent Dwelling Units	1,674	1,670	1,691	1,686	1,685	1,716	1,748	1,779	1,810	1,841	1,873
12	Equivalent Dwelling Units (EDUs) Per Account	6.33	6.33	6.29	6.31	6.25	6.25	6.25	6.25	6.25	6.25	6.25
<b><u>Commercial (With Site Mitigation)</u></b>												
13	Account Growth	11	(0)	5	6	2	0	0	0	0	0	0
14	Average Monthly Accounts	196	196	201	207	209	209	209	209	209	209	209
15	Average Equivalent Dwelling Units	3,887	3,879	3,967	4,230	4,235	4,235	4,235	4,235	4,235	4,235	4,235
16	Equivalent Dwelling Units (EDUs) Per Account	19.79	19.79	19.74	20.43	20.31	20.31	20.31	20.31	20.31	20.31	20.31
17	Total Multi Family and Commercial EDUs	6,172	6,921	7,085	7,338	7,336	7,368	7,399	7,430	7,461	7,493	7,524
<b><u>Summary:</u></b>												
18	Account Growth	19	(6)	55	57	177	255	205	155	105	80	80
19	Total Accounts	9,995	9,989	10,044	10,101	10,278	10,533	10,738	10,893	10,998	11,078	11,158
20	Total Equivalent Dwelling Units	15,656	16,399	16,608	16,913	17,083	17,364	17,595	17,776	17,908	18,014	18,120
21	Equivalent Dwelling Units (EDUs) Per Account	1.57	1.64	1.65	1.67	1.66	1.65	1.64	1.63	1.63	1.63	1.62

## Footnotes

[1] Based on customer statistics provided by staff.



**Table 3-2  
City of Edgewater, Florida  
Stormwater Utility Rate Study**

**Summary of Projected Stormwater Rate Revenues Under Existing Rates**

Line No.	Description	Historical 2021			Fiscal Year Ending September 30																	
		Rate	Total Annual Determinants	Calculated Revenue	2022			2023			2024			2025			2026			2027		
					Rate	Total Annual Determinants	Calculated Revenue	Rate	Total Annual Determinants	Calculated Revenue	Rate	Total Annual Determinants	Calculated Revenue	Rate	Total Annual Determinants	Calculated Revenue	Rate	Total Annual Determinants	Calculated Revenue	Rate	Total Annual Determinants	Calculated Revenue
<b><u>Residential Stormwater Service</u></b>																						
1	Base Fee	\$6.52	116,954	\$762,540	\$7.06	119,954	\$846,875	\$7.06	122,354	\$863,819	\$7.06	124,154	\$876,527	\$7.06	125,354	\$884,999	\$7.06	126,254	\$891,353	\$7.06	127,154	\$897,707
2	Total Base Fee Revenue			\$762,540			\$846,875			\$863,819			\$876,527			\$884,999			\$891,353			\$897,707
3	Assessment Fee	\$5.48	116,954	\$640,908	\$5.94	119,954	\$712,527	\$5.94	122,354	\$726,783	\$5.94	124,154	\$737,475	\$5.94	125,354	\$744,603	\$5.94	126,254	\$749,949	\$5.94	127,154	\$755,295
4	Total Assessment Fee Revenue			\$640,908			\$712,527			\$726,783			\$737,475			\$744,603			\$749,949			\$755,295
5	Total Residential Revenue			\$1,403,448			\$1,559,402			\$1,590,602			\$1,614,002			\$1,629,602			\$1,641,302			\$1,653,002
<b><u>Residential Multi-Family Stormwater Service</u></b>																						
6	Base Fee	\$6.52	16,995	\$110,809	\$7.06	16,995	\$119,986	\$7.06	16,995	\$119,986	\$7.06	16,995	\$119,986	\$7.06	16,995	\$119,986	\$7.06	16,995	\$119,986	\$7.06	16,995	\$119,986
7	Total Base Fee Revenue			\$110,809			\$119,986			\$119,986			\$119,986			\$119,986			\$119,986			\$119,986
8	Assessment Fee	\$5.48	16,995	\$93,134	\$5.94	16,995	\$100,951	\$5.94	16,995	\$100,951	\$5.94	16,995	\$100,951	\$5.94	16,995	\$100,951	\$5.94	16,995	\$100,951	\$5.94	16,995	\$100,951
9	Total Assessment Fee Revenue			\$93,134			\$100,951			\$100,951			\$100,951			\$100,951			\$100,951			\$100,951
10	Total Residential Multi Family Revenue			\$203,942			\$220,938			\$220,938			\$220,938			\$220,938			\$220,938			\$220,938
<b><u>Commercial Stormwater Service</u></b>																						
11	Base Fee	\$12.00	20,221	\$242,658	\$13.00	20,596	\$267,753	\$13.00	20,971	\$272,627	\$13.00	21,346	\$277,502	\$13.00	21,721	\$282,376	\$13.00	22,096	\$287,250	\$13.00	22,471	\$292,124
12	Total Base Fee Revenue			\$242,658			\$267,753			\$272,627			\$277,502			\$282,376			\$287,250			\$292,124
<b><u>Non-Residential Stormwater Service</u></b>																						
13	Base Fee	\$5.48	50,821	\$278,496	\$5.94	50,821	\$301,874	\$5.94	50,821	\$301,874	\$5.94	50,821	\$301,874	\$5.94	50,821	\$301,874	\$5.94	50,821	\$301,874	\$5.94	50,821	\$301,874
14	Total Base Fee Revenue			\$278,496			\$301,874			\$301,874			\$301,874			\$301,874			\$301,874			\$301,874
15	Total Commercial / Non-Residential Service			\$521,154			\$569,627			\$574,501			\$579,375			\$584,249			\$589,124			\$593,998
16	Subtotal Stormwater Rate Revenue			\$2,128,544			\$2,349,967			\$2,386,041			\$2,414,315			\$2,434,789			\$2,451,363			\$2,467,937
17	Revenue Adjustments = 0.00%			\$0			\$0			\$0			\$0			\$0			\$0			\$0
18	Total Stormwater Rate Revenue			\$2,128,544			\$2,349,967			\$2,386,041			\$2,414,315			\$2,434,789			\$2,451,363			\$2,467,937
19	Stormwater Base Fee			\$1,394,503			\$1,536,488			\$1,558,307			\$1,575,889			\$1,589,235			\$1,600,463			\$1,611,691
20	Stormwater Assessment Fee			734,042			813,478			827,734			838,426			845,554			850,900			856,246
21	Total			\$2,128,544			\$2,349,967			\$2,386,041			\$2,414,315			\$2,434,789			\$2,451,363			\$2,467,937

**Table 3-3  
City of Edgewater, Florida  
Stormwater Utility Rate Study**

**Projection of Other Operating Revenues**

Line No.	Code	Description	Fiscal Year Ended September 30th,					Budgeted FY 2022	Adjustments	Adjusted 2022	Escalation Reference	Projected 2023	Fiscal Year Ending September 30th,			
			2017	2018	2019	2020	2021						2024	2025	2026	2027
<b>Stormwater System</b>																
1	448-0000-322.50-10	Culvert - Driveway	\$7,175	\$7,575	\$5,075	\$11,852	\$25,767	\$17,000	\$0	\$17,000	Constant	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000
2	448-0000-331.50-00	FEMA Reimbursement	0	0	0	0	0	0	0	0	Eliminate	0	0	0	0	0
3	448-0000-331.50-02	Hurricane Irma 2017	0	0	1,317	0	41,603	0	0	0	Eliminate	0	0	0	0	0
4	448-0000-334.50-02	Hurricane Irma 2017	0	0	73	0	0	0	0	0	Eliminate	0	0	0	0	0
5	448-0000-331.50-03	Hurricane Dorian 2019	0	0	0	0	16,030	0	0	0	Eliminate	0	0	0	0	0
6	448-0000-334.50-03	Hurricane Dorian 2019	0	0	0	0	2,619	0	0	0	Eliminate	0	0	0	0	0
7	448-0000-334.36-01	Grants	0	0	0	0	0	2,653,888	(2,653,888)	0	Eliminate	0	0	0	0	0
8	448-0000-343.66-10	Stormwater	1,472,552	1,713,050	1,892,110	2,077,640	2,128,986	2,334,248	(2,334,248)	0	Eliminate	0	0	0	0	0
9	448-0000-361.10-10	Interest	1,205	1,632	8,995	6,261	3,004	500	(500)	0	Eliminate	0	0	0	0	0
10	448-0000-361.10-12	Internal Loan	0	5,138	0	0	0	0	0	0	Eliminate	0	0	0	0	0
11	448-0000-361.11-10	Investment Returns	0	0	0	0	441	400	(400)	0	Eliminate	0	0	0	0	0
12	448-0000-364.32-00	Insurance Proceeds	0	0	0	0	6,606	0	0	0	Eliminate	0	0	0	0	0
13	448-0000-365.10-00	Sales / Surplus	40,460	0	0	0	0	0	0	0	Eliminate	0	0	0	0	0
14	448-0000-369.10-00	Other Income	0	0	0	2,784	1,531	0	0	0	Constant	0	0	0	0	0
15	448-0000-369.90-10	Miscellaneous Revenue	0	245	205	0	0	0	0	0	Constant	0	0	0	0	0
16	448-0000-369.90-20	Retirement Forfeitures	10,681	5,904	2,799	8,442	0	0	0	0	Constant	0	0	0	0	0
Interfund Transfers:																
17	448-0000-381.04-49	Stormwater Capital	0	0	0	2,950	0	0	0	0	Eliminate	0	0	0	0	0
18	448-0000-369.10-01	General Fund	0	0	0	0	0	0	0	0	Eliminate	0	0	0	0	0
Debt Proceeds:																
19	448-0000-384.06-01	Capital Improvement Note 2017	0	0	0	0	0	0	0	0	Eliminate	0	0	0	0	0
20	448-0000-389.04-1	Proceeds from L/T Debt	0	0	0	0	0	0	0	0	Eliminate	0	0	0	0	0
21	448-0000-389.90-12	Unreserved Proprietary	0	0	0	0	0	504,731	(504,731)	0	Eliminate	0	0	0	0	0
22		Total Other Operating Revenue	<u>\$1,532,073</u>	<u>\$1,733,544</u>	<u>\$1,910,574</u>	<u>\$2,109,929</u>	<u>\$2,226,587</u>	<u>\$5,510,767</u>	<u>(\$5,493,767)</u>	<u>\$17,000</u>		<u>\$17,000</u>	<u>\$17,000</u>	<u>\$17,000</u>	<u>\$17,000</u>	<u>\$17,000</u>

**Table 3-4**  
**City of Edgewater, Florida**  
**Stormwater Utility Rate Study**

**Fiscal Year 2022 Operating Budget [1]**

Line No.	Cost ID Code	Description	Budget 2022	Adjustments	Adjusted 2022
<b>Operations</b>					
<b>Environmental Services</b>					
1	448-4070-538.12-10	Regular Salaries and Wages	\$515,666	\$0	\$515,666
2	AddPer	Additional Personnel	0	0	0
3	448-4070-538.14-10	Overtime	3,702	0	3,702
4	448-4070-538.15-30	Cell Phone	1,627	0	1,627
5	448-4070-538.15-60	Boot Allowance	1,800	0	1,800
6	448-4070-538.21-10	FICA Taxes	29,890	0	29,890
7	448-4070-538.21-20	Medicare	6,991	0	6,991
8	448-4070-538.22-10	Retirement Contributions	0	0	0
9	448-4070-538.22-20	DCSE	60,771	0	60,771
10	448-4070-538.23-10	Life Insurance	2,336	0	2,336
11	448-4070-538.23-20	Group Medical Insurance	156,952	0	156,952
12	448-4070-538.23-21	HSA Employer Contribution	11,895	0	11,895
13	448-4070-538.23-22	HRA Employer Contribution	1,250	0	1,250
14	448-4070-538.23-30	Dental Insurance	4,619	0	4,619
15	448-4070-538.23-40	Long Term Disability	4,180	0	4,180
16	448-4070-538.23-60	Broker & Admin. Fees	3,237	0	3,237
17	448-4070-538.23-90	OPEB	0	0	0
18	448-4070-538.24-10	Worker's Compensation	13,484	0	13,484
19	448-4070-538.34-10	Other Contractual Services	10,480	0	10,480
20	448-4070-538.40-10	Travel & Per Diem	805	0	805
21	448-4070-538.41-10	Legal Ads	0	0	0
22	448-4070-538.41-40	Postage	13,000	0	13,000
23	448-4070-538.43-10	Electric	1,472	0	1,472
24	448-4070-538.44-10	Rent	1,110	0	1,110
25	448-4070-538.46-10	Repair and Maintenance	134,500	0	134,500
26	448-4070-538.46-20	Fleet Charges	129,024	0	129,024
27	448-4070-538.47-10	Printing and Binding	100	0	100
28	448-4070-538.48-10	Promotional Activities	14,525	0	14,525
29	448-4070-538.49-01	Cost Allocation	111,175	0	111,175
30	448-4070-538.49-10	Other Charges/Obligations	10,800	0	10,800
31	448-4070-538.49-20	Bank Charges	0	0	0
32	448-4070-538.49-48	PILOFF - Stormwater [2]	137,721	(137,721)	0
33	448-4070-538.51-10	Office Supplies	500	0	500
34	448-4070-538.52-10	Operating Supplies	11,250	0	11,250
35	448-4070-538.52-20	Unleaded & Diesel	28,129	0	28,129
36	448-4070-538.52-30	Uniforms	2,350	0	2,350
37	448-4070-538.54-10	Books, Pubs, Subs, and Mem	0	0	0
38	448-4070-538.54-20	Educational Development	2,205	0	2,205
39		Total Environmental Services	\$1,427,546	(\$137,721)	\$1,289,825
<b>Non-Departmental Services</b>					
40	448-5555-580.22-10	Retirement Contributions	\$28,315	\$0	\$28,315
41	448-5555-580.23-80	PTO Expense	0	0	0
42	448-5555-580.31-10	Professional Services	13,253	0	13,253
43	448-5555-580.45-10	General Liability	3,009	0	3,009
44	448-5555-580.45-15	Property	9,955	0	9,955
45	448-5555-580.45-20	Public Officials	2,322	0	2,322
46	448-5555-580.45-25	Automobile	2,803	0	2,803
44	448-5555-580.71-40	Veh Lse 2016 Amer Cap Svc [3]	7,880	(7,880)	0
47	448-5555-580.49-50	Write Off	0	0	0
48	448-5555-580.49-60	Hurricane Expense	0	0	0
49	448-5555-580.59-10	Depreciation	0	0	0
50	448-5555-580.61-10	Land [3]	0	0	0
51	448-5555-580.64-10	Machinery and Equipment [3]	214,193	(214,193)	0

**Table 3-4**  
**City of Edgewater, Florida**  
**Stormwater Utility Rate Study**

**Fiscal Year 2022 Operating Budget [1]**

Line No.	Cost ID Code	Description	Budget 2022	Adjustments	Adjusted 2022
52	448-5555-580.64-20	Motor Vehicles [3]	120,000	(120,000)	0
53	448-5555-580.71-28	BBT Cap Imp Rev Note 2014 [3]	46,708	(46,708)	0
54	448-5555-580.71-36	Menzi Lease 2015 [3]	0	0	0
53	448-5555-580.72-40	Veh Lse 2016 Amer Cap Svc [3]	160	(160)	0
55	448-5555-580.72-28	BBT Cap Imp Rev Note 2014 [3]	2,889	(2,889)	0
56	448-5555-580.72-36	Menzi Lease 2015 [3]	0	0	0
57	448-5555-580.73-42	BBT Cap Imp Rev Note SRS 2014 [3]	0	0	0
58		Total Non-Departmental Services	\$451,487	(\$391,830)	\$59,657
		<b>Other Adjustments</b>			
59	448-5555-581.04-44	Renewal & Replacement [3]	\$0	\$0	\$0
60	448-5555-581.04-49	Stormwater Capital [3]	3,507,234	(3,507,234)	0
61	448-5555-581.05-01	Public Works Complex - Capital Spending [3]	0	0	0
62	448-5555-581.04-50	MIS	88,500	0	88,500
63	448-5555-581.10-01	General Fund	0	0	0
64	448-5555-589.10-01	Current Year Unreserved [3]	36,000	(36,000)	0
64	448-5555-589.50-50	Charter Reserve/Stabalization	0	0	0
65	BadDebt	Bad Debt Expense - 0.25% of Rate Revs. [4]	0	5,875	5,875
66	Contingency	Operating Contingency - 2.00% of O&M [5]	0	28,760	28,760
67	Other	Tax Collection Charge	0	0	0
68		Total Other Adjustments	\$3,631,734	(\$3,508,599)	\$123,135
69		<b>Total Stormwater Expenses</b>	<u>\$5,510,767</u>	<u>(\$4,038,150)</u>	<u>\$1,472,617</u>

**Footnotes:**

- [1] Budgeted amounts are based on Fiscal Year 2022 Adopted Operating Budget as provided by the City.
- [2] Budgeted amounts for the PILOFF are transferred to the General Fund and are therefore excluded from the Cost of Operation and Maintenance for coverage purposes. These items have been adjusted from budget and are accounted for in the summary of Revenue Requirements.
- [3] Amounts are adjusted from budget as shown herein since such capital outlay expenses and debt service payments are reflected in the Capital Improvements Plan or the Revenue Requirements part of the rate model.
- [4] An allowance for bad debt expense of 0.25% of rate was recognized to account for uncollectible revenues.
- [5] A contingency of 2.00% of O&M was added to allow for unforeseen contingencies.

**Table 3-5**  
**City of Edgewater, Florida**  
**Stormwater Utility Rate Study**

**Projected Stormwater System Operating Expenses III**

Line No.	Cost ID Code	Description	Adjusted		Adjusted 2023	Fiscal Year Ending September 30,			
			2022	Escalation		2024	2025	2026	2027
<b>Operations</b>									
<b>Environmental Services</b>									
<b>Personnel Expenses</b>									
1	448-4070-538.12-10	Regular Salaries and Wages	\$515,666	Labor	\$579,159	\$608,117	\$638,523	\$670,449	\$703,971
2	AddPer	Additional Personnel	0	Input	0	0	0	0	0
3	448-4070-538.14-10	Overtime	3,702	Labor	10,608	11,138	11,695	12,280	12,894
4	448-4070-538.15-30	Cell Phone	1,627	Inflation	1,741	1,828	1,870	1,915	1,961
5	448-4070-538.15-60	Boot Allowance	1,800	Inflation	1,926	2,022	2,069	2,118	2,169
6	448-4070-538.21-10	FICA Taxes	29,890	Labor	31,385	32,954	34,601	36,331	38,148
7	448-4070-538.21-20	Medicare	6,991	Labor	7,341	7,708	8,093	8,498	8,922
8	448-4070-538.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
9	448-4070-538.22-20	DCSE	60,771	Labor	63,810	67,000	70,350	73,868	77,561
10	448-4070-538.23-10	Life Insurance	2,336	General-Ins	2,453	2,575	2,704	2,839	2,981
11	448-4070-538.23-20	Group Medical Insurance	156,952	Ins-Health	172,647	189,912	208,903	229,793	252,773
12	448-4070-538.23-21	HSA Employer Contribution	11,895	Ins-Health	13,085	14,393	15,832	17,415	19,157
13	448-4070-538.23-22	HRA Employer Contribution	1,250	Ins-Health	1,375	1,513	1,664	1,830	2,013
14	448-4070-538.23-30	Dental Insurance	4,619	Ins-Health	5,081	5,589	6,148	6,763	7,439
15	448-4070-538.23-40	Long Term Disability	4,180	Labor	4,389	4,608	4,839	5,081	5,335
16	448-4070-538.23-60	Broker & Admin. Fees	3,237	Labor	3,399	3,569	3,747	3,935	4,131
17	448-4070-538.23-90	OPEB	0	Labor	0	0	0	0	0
18	448-4070-538.24-10	Worker's Compensation	13,484	Labor	14,158	14,866	15,609	16,390	17,209
19	448-4070-538.34-10	Other Contractual Services	10,480	Contractual	10,899	11,335	11,789	12,260	12,751
20	448-4070-538.40-10	Travel & Per Diem	805	Inflation	861	904	925	947	970
21	448-4070-538.41-10	Legal Ads	0	Inflation	0	0	0	0	0
22	448-4070-538.41-40	Postage	13,000	Inflation	13,910	14,606	14,941	15,300	15,667
23	448-4070-538.43-10	Electric	1,472	Electricity	1,575	1,622	1,671	1,721	1,773
24	448-4070-538.44-10	Rent	1,110	Inflation	1,188	1,247	1,276	1,306	1,338
25	448-4070-538.46-10	Repair and Maintenance	134,500	Repair	41,898	43,783	45,315	46,901	48,543
26	448-4070-538.46-20	Fleet Charges	129,024	Repair	136,120	142,246	147,224	152,377	157,710
27	448-4070-538.47-10	Printing and Binding	100	Inflation	107	112	115	118	121
28	448-4070-538.48-10	Promotional Activities	14,525	Inflation	15,542	16,319	16,694	17,095	17,505
29	448-4070-538.49-01	Cost Allocation	111,175	Labor	116,734	122,570	128,699	135,134	141,891
30	448-4070-538.49-10	Other Charges/Obligations	10,800	Inflation	11,556	12,134	12,413	12,711	13,016
31	448-4070-538.49-20	Bank Charges	0	Inflation	0	0	0	0	0
32	448-4070-538.49-48	PILOFF - Stormwater [2]	0	Eliminate	0	0	0	0	0
33	448-4070-538.51-10	Office Supplies	500	Inflation	535	562	575	588	603
34	448-4070-538.52-10	Operating Supplies	11,250	Inflation	12,038	12,639	12,930	13,240	13,558
35	448-4070-538.52-20	Unleaded & Diesel	28,129	Fuel	32,348	35,583	38,074	40,739	43,591
36	448-4070-538.52-30	Uniforms	2,350	Inflation	2,515	2,640	2,701	2,766	2,832
37	448-4070-538.54-10	Books, Pubs, Subs, and Mem	0	Inflation	0	0	0	0	0
38	448-4070-538.54-20	Educational Development	2,205	Inflation	2,359	2,477	2,534	2,595	2,657
39		Total Environmental Services	\$1,289,825		\$1,312,739	\$1,388,572	\$1,464,525	\$1,545,305	\$1,631,191
<b>Non-Departmental Services</b>									
40	448-5555-580.22-10	Retirement Contributions	\$28,315	Labor	\$29,731	\$31,217	\$32,778	\$34,417	\$36,138
41	448-5555-580.23-80	PTO Expense	0	Labor	0	0	0	0	0
42	448-5555-580.31-10	Professional Services	13,253	Contractual	13,783	14,334	14,908	15,504	16,124
43	448-5555-580.45-10	General Liability	3,009	General-Ins	3,159	3,317	3,483	3,657	3,840
44	448-5555-580.45-15	Property	9,955	General-Ins	10,453	10,975	11,524	12,100	12,705
45	448-5555-580.45-20	Public Officials	2,322	Inflation	2,485	2,609	2,669	2,733	2,798
46	448-5555-580.45-25	Automobile	2,803	General-Ins	2,943	3,090	3,245	3,407	3,577
44	448-5555-580.72-40	Veh Lse 2016 Amer Cap Svc	0	Eliminate	0	0	0	0	0
47	448-5555-580.49-50	Write Off	0	Inflation	0	0	0	0	0
48	448-5555-580.49-60	Hurricane Expense	0	Eliminate	0	0	0	0	0
49	448-5555-580.59-10	Depreciation	0	Eliminate	0	0	0	0	0
50	448-5555-580.61-10	Land [3]	0	Eliminate	0	0	0	0	0
51	448-5555-580.64-10	Machinery and Equipment [3]	0	Eliminate	0	0	0	0	0
52	448-5555-580.64-20	Motor Vehicles [3]	0	Eliminate	0	0	0	0	0
53	448-5555-580.71-28	BBT Cap Imp Rev Note 2014 [3]	0	Eliminate	0	0	0	0	0
51	448-5555-580.71-40	Veh Lse 2016 Amer Cap Svc	0	Eliminate	0	0	0	0	0
54	448-5555-580.72-28	BBT Cap Imp Rev Note 2014 [3]	0	Eliminate	0	0	0	0	0
55	448-5555-580.73-42	BBT Cap Imp Rev Note SRS 2014 [3]	0	Eliminate	0	0	0	0	0
56		Total Non-Departmental Services	\$59,657		\$62,554	\$65,544	\$68,607	\$71,819	\$75,184

**Table 3-5  
City of Edgewater, Florida  
Stormwater Utility Rate Study**

**Projected Stormwater System Operating Expenses [1]**

Line No.	Cost ID Code	Description	Adjusted 2022	Escalation	Adjusted 2023	Fiscal Year Ending September 30,			
						2024	2025	2026	2027
<b>Other Adjustments</b>									
57	448-5555-581.04-44	Renewal & Replacement [3]	\$0	Eliminate	\$0	\$0	\$0	\$0	\$0
58	448-5555-581.04-49	Stormwater Capital [3]	0	Eliminate	0	0	0	0	0
59	448-5555-581.05-01	Public Works Complex - Debt Service Payment [3]	0	Eliminate	0	0	0	0	0
60	448-5555-581.04-50	MIS	88,500	Inflation	94,695	99,430	101,717	104,158	106,658
61	448-5555-581.10-01	General Fund	0	Eliminate	0	0	0	0	0
62	448-5555-589.10-01	Current Year Unreserved [3]	0	Eliminate	0	0	0	0	0
	448-5555-589.50-50	Charter Reserve/Stabalization	0	Eliminate	0	0	0	0	0
63	BadDebt	Bad Debt Expense - 0.25% of Rate Revs. [4]	5,875	Input	5,965	6,036	6,087	6,128	6,170
64	Contingency	Operating Contingency - 2.00% of O&M [5]	28,760	Input	29,400	31,071	32,697	34,426	36,261
65	Other	Tax Collection Charge	0	Input	0	0	0	0	0
66		Total Other Adjustments	\$123,135		\$130,060	\$136,536	\$140,501	\$144,712	\$149,088
67		<b>Total Stormwater Expenses</b>	<b>\$1,472,617</b>		<b>\$1,505,353</b>	<b>\$1,590,652</b>	<b>\$1,673,632</b>	<b>\$1,761,836</b>	<b>\$1,855,463</b>

**Footnotes**

- [1] Amounts shown based on Table 3-4.  
[2] Budgeted amounts for the PILOFF are transferred to the General Fund and are therefore excluded from the Cost of Operation and Maintenance for coverage purposes. This item has been adjusted from budget and is accounted for in the summary of Revenue Requirements.  
[3] Amounts are adjusted from budget as shown herein since such capital outlay expenses and debt service payments are reflected in the Capital Improvements Plan or the Revenue Requirements part of the rate model.  
[4] A allowance for bad debt expense of 0.25% of rate was recognized to account for uncollectible revenues.  
[5] A contingency of 2.00% of O&M was added to allow for unforeseen contingencies.

**Table 3-6**  
**City of Edgewater, Florida**  
**Stormwater Utility Rate Study**

**Summary of Projected Escalation Factors**

Line No.	Description	Escalation	Fiscal Year Ending September 30,				
			2023	2024	2025	2026	2027
1	General Inflation (CPI) [1][2]	Inflation	1.0700	1.0500	1.0230	1.0240	1.0240
2	Labor [2]	Labor	1.0500	1.0500	1.0500	1.0500	1.0500
3	Benefits [2]	Benefits	1.0500	1.0500	1.0500	1.0500	1.0500
4	Health Insurance [2]	Ins-Health	1.1000	1.1000	1.1000	1.1000	1.1000
5	Contractual Services	Contractual	1.0400	1.0400	1.0400	1.0400	1.0400
6	Professional Services	Professional	1.0400	1.0400	1.0400	1.0400	1.0400
7	Utility	Utility	1.0500	1.0500	1.0500	1.0500	1.0500
8	General Insurance [2]	General-Ins	1.0500	1.0500	1.0500	1.0500	1.0500
9	Repair & Maintenance	Repair	1.0550	1.0450	1.0350	1.0350	1.0350
10	Electricity	Electricity	1.0700	1.0300	1.0300	1.0300	1.0300
11	Fuel	Fuel	1.1500	1.1000	1.0700	1.0700	1.0700
12	Constant	Constant	1.0000	1.0000	1.0000	1.0000	1.0000
13	Eliminate	Eliminate	0.0000	0.0000	0.0000	0.0000	0.0000
14	Marginal	Marginal	1.0100	1.0100	1.0100	1.0100	1.0100
15	Decline	Decline	0.9500	0.9500	0.9500	0.9500	0.9500
16	Workers' Compensation	WorkComp	1.0300	1.0300	1.0300	1.0300	1.0300

**Footnotes:**

[1] Fiscal Years 2023 and 2024 projected based on recent trends. Fiscal Years 2025 through 2027 based on estimated projections from "Budget and Economic Outlook: 2021 to 2031", published by the Congressional Budget Office in February 2021.

[2] Based on discussions with City Staff.

**Table 3-7  
City of Edgewater, Florida  
Stormwater Utility Rate Study**

**Capital Improvement Program Funding Plan**

Line No.	Description	Escalation Factor	Funding	Fiscal Year Ending September 30,					6-Year Total	
				2022	2023	2024	2025	2026		2027
<b><u>CIP Escalation Factor Alternatives</u></b>										
1	No Assumed Escalation (0.0% per Year)	None		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
2	Capital Outlay (3.5% per Year)	Outlay		1.0000	1.0350	1.0700	1.1100	1.1500	1.1900	
3	ENR Index Average (3.0% per Year)	ENR		1.0000	1.0300	1.0600	1.0900	1.1200	1.1500	
4	Marginal Increase (1.0% per Year)	Marginal		1.0000	1.0100	1.0200	1.0300	1.0400	1.0500	
5	High Increase (5.0% per Year)	High		1.0000	1.0500	1.1000	1.1600	1.2200	1.2800	
<b><u>Stormwater System Capital Expenditures:</u></b>										
6	Baffle Box on 18th Canal	ENR	Rates	\$0	\$0	\$0	\$0	\$0	\$69,000	\$69,000
7	Baffle Box on 18th Canal II	ENR	G	0	0	0	0	0	621,000	621,000
8	East Palm Way Stormwater Improvements	ENR	Rates	0	0	0	100,062	0	0	100,062
9	East Palm Way Stormwater Improvements II	ENR	G	0	0	0	233,478	0	0	233,478
10	East Pine Bluff Storm Improvements	ENR	Rates	0	0	0	128,736	0	0	128,736
11	East Pine Bluff Storm Improvements II	ENR	G	0	0	0	128,736	0	0	128,736
12	Evergreen Avenue Stormwater Improvements	ENR	Rates	0	82,812	0	0	0	0	82,812
13	Evergreen Avenue Stormwater Improvements II	ENR	G	0	193,228	0	0	0	0	193,228
14	Hart Avenue Drainage (Rollover)	ENR	Rates	7,000	0	0	0	0	0	7,000
15	Hart Avenue Stormwater Improvements	ENR	Rates	139,596	0	0	0	0	0	139,596
16	Hart Avenue Stormwater Improvements II	ENR	G	1,854,638	0	0	0	0	0	1,854,638
17	Hotel Dr Stormwater Improvements	ENR	Rates	0	0	0	0	173,777	0	173,777
18	Hotel Dr Stormwater Improvements II	ENR	G	0	0	0	0	173,777	0	173,777
19	IRB East & Virginia St Improvements Stormwater	ENR	Rates	0	0	0	0	0	172,500	172,500
20	IRB East & Virginia St Improvements Stormwater II	ENR	G	0	0	0	0	0	172,500	172,500
21	New Hampshire/New York/Fernald Stormwater Improvements	ENR	G	0	802,370	0	0	0	0	802,370
22	Plaza & Hubbell Storm Improvement	ENR	Rates	0	0	154,760	0	0	0	154,760
23	Plaza & Hubbell Storm Improvement II	ENR	G	0	0	154,760	0	0	0	154,760
24	Stormwater Canal Rehabilitation: FL Shores (Phase 1)	ENR	Rates	300,000	309,000	159,000	163,500	168,000	172,500	1,272,000
25	Turgo/Fernald Stormwater Improvements	ENR	Rates	0	0	0	130,800	0	0	130,800
26	Turgo/Fernald Stormwater Improvements II	ENR	G	0	0	0	305,200	0	0	305,200
27	Unspecified Capital Outlay-Stormwater	ENR	Rates	50,000	51,500	0	0	0	0	101,500
28	Public Works Building	ENR	ND1	0	0	0	2,837,465	0	0	2,837,465
29	Public Works Building II	ENR	Rates	0	154,500	0	0	0	0	154,500
30	Acquisition of 125 Cheeta Drive	ENR	Rates	0	6,953	69,738	0	0	0	76,690
31	Acquisition of 125 Cheeta Drive II	ENR	G	0	20,858	166,643	0	0	0	187,500
32	G-2/G-11 Canal Improvements Project	Marginal	Rates	0	0	460,509	723,110	623,881	0	1,807,500
33	G-2/G-11 Canal Improvements Project II	None	G	0	0	3,109,491	5,714,390	5,876,119	0	14,700,000
34	Capital Outlay	Outlay	Rates	\$334,193	\$191,475	\$160,500	\$166,500	\$172,500	\$178,500	\$1,203,668
35	Menzi Tractor	Outlay	Rates	0	0	0	0	0	0	0
36	<b>Total Stormwater System Capital Expenditures</b>			<b>\$2,685,427</b>	<b>\$1,812,695</b>	<b>\$4,435,400</b>	<b>\$10,631,977</b>	<b>\$7,188,054</b>	<b>\$1,386,000</b>	<b>\$28,139,553</b>
<b><u>Funding Source Summary</u></b>										
38	Stormwater Rate Revenue		Rates	\$830,789	\$796,240	\$1,004,507	\$1,412,708	\$1,138,158	\$592,500	\$5,774,902
40	Grant Funding		G	1,854,638	1,016,456	3,430,893	6,381,805	6,049,895	793,500	19,527,187
41	Existing Debt Proceeds		ExistingDebt	0	0	0	0	0	0	0
42	New Senior Lien Debt I		ND1	0	0	0	2,837,465	0	0	2,837,465
50	Other Funding Sources (Gen. Fund etc.)		Other	0	0	0	0	0	0	0
51	<b>Total Funding Sources</b>			<b>\$2,685,427</b>	<b>\$1,812,695</b>	<b>\$4,435,400</b>	<b>\$10,631,977</b>	<b>\$7,188,054</b>	<b>\$1,386,000</b>	<b>\$28,139,553</b>

**Footnotes:**

[1] Amounts as provided by City Staff.



**Table 3-8**  
**City of Edgewater, Florida**  
**Stormwater Utility Rate Study**

**Summary of Debt Service Payments - Sinking Fund Basis**

Line No.	Description	Fiscal Year Ending September 30th,					
		2022	2023	2024	2025	2026	2027
<b><u>STORMWATER SYSTEM</u></b>							
<u>Existing Debt:</u>							
1	Capital Improvement Revenue Note, Series 2014	\$49,671	\$49,546	\$41,105	\$0	\$0	\$0
2	Vehicle Lease 2016 Amer Cap Svc	201	0	0	0	0	0
3	Total Existing Debt Payments	<u>\$49,872</u>	<u>\$49,546</u>	<u>\$41,105</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
<u>Proposed Senior Lien Debt:</u>							
4	New Senior Lien Debt 1	\$0	\$0	\$0	\$243,925	\$243,925	\$243,925
5	Total Proposed Senior Lien Debt Service Payments	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$243,925</u>	<u>\$243,925</u>	<u>\$243,925</u>
6	Total Stormwater Debt Service Payments	<u><u>\$49,872</u></u>	<u><u>\$49,546</u></u>	<u><u>\$41,105</u></u>	<u><u>\$243,925</u></u>	<u><u>\$243,925</u></u>	<u><u>\$243,925</u></u>

**Table 3-9**  
**City of Edgewater, Florida**  
**Stormwater Utility Rate Study**

**Projection of Operating and Other Transfers**

Line No.	Description	Fiscal Year Ending September 30,					
		2022	2023	2024	2025	2026	2027
<b>PILOFF - Stormwater</b>							
1	Current Year Rate Revenues	\$2,349,967	\$2,386,041	\$2,507,173	\$2,622,081	\$2,734,213	\$2,847,620
2	PILOFF Percentage	5.86%	5.90%	5.90%	5.90%	5.90%	5.90%
3	PILOFF - Stormwater [1]	\$137,721	\$140,776	\$147,923	\$154,703	\$161,319	\$168,010
4	Total PILOFF	<u>\$137,721</u>	<u>\$140,776</u>	<u>\$147,923</u>	<u>\$154,703</u>	<u>\$161,319</u>	<u>\$168,010</u>
<b>Charter Reserve Transfer</b>							
5	Charter Reserve Transfer	\$0	\$12,148	\$12,148	\$12,148	\$12,148	\$12,148
6	Total Transfers	<u>\$137,721</u>	<u>\$152,925</u>	<u>\$160,071</u>	<u>\$166,851</u>	<u>\$173,467</u>	<u>\$180,158</u>

Footnotes:

[1] Amounts reflect fund transfers budgeted in the Fiscal Year 2022 Operating Budget.

**Table 3-10**  
**City of Edgewater, Florida**  
**Stormwater Utility Rate Study**

**Projection of Ending Cash Balances and Interest Income**

Line No.	Description	Fiscal Year Ending September 30,					
		2022	2023	2024	2025	2026	2027
<b><u>Year End Cash Balances Roll-Up</u></b>							
1	Operating Fund (448)	\$2,860,407	\$2,767,169	\$2,502,371	\$1,650,463	\$1,088,682	\$1,084,974
2	Charter Reserve Fund	281,645	294,512	307,412	320,344	333,308	346,305
3	Total Ending Cash Balance	\$3,142,052	\$3,061,682	\$2,809,783	\$1,970,807	\$1,421,990	\$1,431,279
<b><u>Operating/General Revenue Account</u></b>							
4	Beginning Balance	\$2,906,190	\$2,860,407	\$2,767,169	\$2,502,371	\$1,650,463	\$1,088,682
5	Transfer In - Stormwater Revenue	2,349,967	2,386,041	2,507,173	2,622,081	2,734,213	2,847,620
6	Transfer In - R&R Fund	0	0	0	0	0	0
7	Transfer In - Stormwater Capital Fund	70,219	0	0	0	0	0
8	Transfer In - Existing Construction Fund	0	0	0	0	0	0
9	Transfer In - Debt Service Reserve	0	0	0	0	0	0
10	Transfers In - Grant Reimbursements / Sale of Surplus	0	0	0	0	0	0
11	Transfers Out - Revenue Requirements	2,465,969	2,479,278	2,771,971	3,473,989	3,295,994	2,851,328
12	Transfers Out - Capital Improvements	0	0	0	0	0	0
13	Transfers Out - R&R Fund	0	0	0	0	0	0
14	Transfers Out - Stormwater Capital Fund	0	0	0	0	0	0
15	Transfers Out - Existing Construction Fund	0	0	0	0	0	0
16	Transfers In (Out)	0	0	0	0	0	0
17	Interest Rate	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
18	Interest Income	7,208	7,034	6,587	5,191	3,424	2,717
	Recognition of Interest Earnings						
19	in Revenue Requirements	7,208	7,034	6,587	5,191	3,424	2,717
20	Ending Balance	2,860,407	2,767,169	2,502,371	1,650,463	1,088,682	1,084,974
21	Target Days of Available Cash: 60 Days of Revenue	386,296	392,226	412,138	431,027	449,460	468,102
22	Calculated Days of Available Cash (Revenue)	444	423	364	230	145	139
<b><u>Stormwater Capital Fund</u></b>							
23	Beginning Balance [1]	\$70,219	\$0	\$0	\$0	\$0	\$0
24	Transfers In - Operating Reserves	0	0	0	0	0	0
25	Transfers In - Charter Reserve Fund	0	0	0	0	0	0
26	Transfers Out - Operating Reserves	70,219	0	0	0	0	0
27	Transfers Out - R&R Fund	0	0	0	0	0	0
28	Transfers In (Out)	0	0	0	0	0	0
29	Interest Rate	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
30	Interest Income	88	0	0	0	0	0
	Recognition of Interest Earnings						
31	in Revenue Requirements	88	0	0	0	0	0
32	Ending Balance	0	0	0	0	0	0
<b><u>Charter Reserve Fund</u></b>							
33	Beginning Balance [1]	\$280,942	\$281,645	\$294,512	\$307,412	\$320,344	\$333,308
34	Transfers In - Operating Reserves	0	0	0	0	0	0
35	Transfers In - Charter Reserve Deposit	0	12,148	12,148	12,148	12,148	12,148
36	Transfers In - Stormwater Capital Fund	0	0	0	0	0	0
37	Transfers Out - Operating Reserves	0	0	0	0	0	0
38	Transfers Out - Stormwater Capital Fund	0	0	0	0	0	0
39	Transfers Out - Capital Improvements	0	0	0	0	0	0
40	Interest Rate	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
41	Interest Income	702	719	751	784	816	848
	Recognition of Interest Earnings						
42	in Revenue Requirements	0	0	0	0	0	0
43	Ending Balance	281,645	294,512	307,412	320,344	333,308	346,305

**Table 3-10**  
**City of Edgewater, Florida**  
**Stormwater Utility Rate Study**

**Projection of Ending Cash Balances and Interest Income**

Line No.	Description	Fiscal Year Ending September 30,					
		2022	2023	2024	2025	2026	2027
<b>Proposed Debt Construction Fund</b>							
44	Beginning Balance	\$0	\$0	\$0	\$0	\$0	\$0
45	Transfers In	0	0	0	2,837,465	0	0
46	Transfers Out	0	0	0	2,837,465	0	0
47	Interest Rate	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
48	Interest Income	0	0	0	0	0	0
	Recognition of Interest Earnings						
49	in Revenue Requirements	0	0	0	0	0	0
50	Ending Balance	0	0	0	0	0	0
<b>Debt Service Sinking Fund</b>							
	Annual Sinking Fund Deposit						
51	Total Debt Service	\$49,872	\$49,546	\$41,105	\$243,925	\$243,925	\$243,925
52	Average Balance (25% of annual debt service)	12,500	12,400	10,300	61,000	61,000	61,000
53	Interest Rate	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
54	Interest Income	31	31	26	153	153	153
	Recognition of Interest Earnings						
55	in Revenue Requirements	31	31	26	153	153	153
56	Ending Balance	37,372	37,146	30,805	182,925	182,925	182,925
57	<b>Total Unrestricted Interest Income</b>	<b>\$8,030</b>	<b>\$7,785</b>	<b>\$7,364</b>	<b>\$6,127</b>	<b>\$4,392</b>	<b>\$3,718</b>

**Table 3-11  
City of Edgewater, Florida  
Stormwater Utility Rate Study**

**Projected Stormwater System Revenue Requirements**

Line No.	Description	Fiscal Year Ending September 30,					
		2022	2023	2024	2025	2026	2027
1	Operating Expenses [1]	\$1,472,617	\$1,505,353	\$1,590,652	\$1,673,632	\$1,761,836	\$1,855,463
	<u>Existing Debt Service [2]</u>						
2	Capital Improvement Revenue Note, Series 2014	\$49,671	\$49,546	\$41,105	\$0	\$0	\$0
3	Vehicle Lease 2016 Amer Cap Svc	201	0	0	0	0	0
4	Total Existing Debt	\$49,872	\$49,546	\$41,105	\$0	\$0	\$0
	<u>Proposed Debt Service [3]</u>						
5	New Senior Lien Debt 1	\$0	\$0	\$0	\$243,925	\$243,925	\$243,925
6	Total Proposed Debt	\$0	\$0	\$0	\$243,925	\$243,925	\$243,925
7	Total Debt Service	\$49,872	\$49,546	\$41,105	\$243,925	\$243,925	\$243,925
	<b><u>Other Revenue Requirements</u></b>						
8	Transfer to Operating Reserves	\$0	\$0	\$0	\$0	\$0	\$0
9	Cost Allocation	0	0	0	0	0	0
10	Payment In Lieu of Franchise Fee [4]	137,721	140,776	147,923	154,703	161,319	168,010
11	Transfer to Charter Reserve Fund	0	12,148	12,148	12,148	12,148	12,148
12	Capital Funded from Rates [5]	830,789	796,240	1,004,507	1,412,708	1,138,158	592,500
13	Total Other Revenue Requirements	\$968,510	\$949,164	\$1,164,578	\$1,579,559	\$1,311,625	\$772,658
14	Gross Revenue Requirements	\$2,490,999	\$2,504,063	\$2,796,335	\$3,497,116	\$3,317,386	\$2,872,046
	<u>Less Income and Funds from Other Sources</u>						
15	Other Operating Revenue [6]	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000	\$17,000
16	Uses of Reserves	0	0	0	0	0	0
17	Unrestricted Interest Income [7]	8,030	7,785	7,364	6,127	4,392	3,718
18	Transfer from General Fund	0	0	0	0	0	0
19	<b>Net Revenue Requirements</b>	<b>\$2,465,969</b>	<b>\$2,479,278</b>	<b>\$2,771,971</b>	<b>\$3,473,989</b>	<b>\$3,295,994</b>	<b>\$2,851,328</b>
	<b><u>Revenue from Rates</u></b>						
	<u>Stormwater Base Fee</u>						
20	Stormwater Rate Revenue - Existing Rates	\$1,536,488	\$1,558,307	\$1,575,889	\$1,589,235	\$1,600,463	\$1,611,691
21	Prior Year Rate Adjustments	0	0	0	61,124	123,113	185,964
22	Total Rate Revenue Before Current Year Adjustment	\$1,536,488	\$1,558,307	\$1,575,889	\$1,650,359	\$1,723,575	\$1,797,655
	<u>Current Year Rate Adjustments - Base Fee</u>						
23	Current Year Rate Adjustments	0.0%	0.0%	3.8%	3.7%	3.6%	3.4%
24	Effective Month	October	October	October	October	October	October
25	% of Current Year Effective	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
26	Revenue From Current Year Rate Adjustments	\$0	\$0	\$60,611	\$61,124	\$61,556	\$61,988
27	Total Revenue from Rates - Base Fee	<b>\$1,536,488</b>	<b>\$1,558,307</b>	<b>\$1,636,500</b>	<b>\$1,711,484</b>	<b>\$1,785,132</b>	<b>\$1,859,644</b>
	<u>Stormwater Assessment Fee</u>						
28	Stormwater Rate Revenue - Existing Rates	\$813,478	\$827,734	\$838,426	\$845,554	\$850,900	\$856,246
29	Prior Year Rate Adjustments	0	0	0	32,521	65,454	98,798
30	Total Rate Revenue Before Current Year Adjustment	\$813,478	\$827,734	\$838,426	\$878,076	\$916,354	\$955,044

**Table 3-11**  
**City of Edgewater, Florida**  
**Stormwater Utility Rate Study**

**Projected Stormwater System Revenue Requirements**

Line No.	Description	Fiscal Year Ending September 30,					
		2022	2023	2024	2025	2026	2027
<u>Current Year Rate Adjustments - Assessment Fee</u>							
31	Current Year Rate Adjustments	0.0%	0.0%	3.8%	3.7%	3.6%	3.4%
32	Effective Month	October	October	October	October	October	October
33	% of Current Year Effective	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
34	Revenue From Current Year Rate Adjustments	\$0	\$0	\$32,247	\$32,521	\$32,727	\$32,933
35	<b>Total Revenue from Rates - Assessment Fee</b>	<b>\$813,478</b>	<b>\$827,734</b>	<b>\$870,673</b>	<b>\$910,597</b>	<b>\$949,081</b>	<b>\$987,976</b>
<u>Combined Revenue from Rates</u>							
36	Stormwater Rate Revenue - Existing Rates	\$2,349,967	\$2,386,041	\$2,414,315	\$2,434,789	\$2,451,363	\$2,467,937
37	Prior Year Rate Adjustments	0	0	0	93,646	188,566	284,762
38	Total Rate Revenue Before Current Year Adjustment	\$2,349,967	\$2,386,041	\$2,414,315	\$2,528,435	\$2,639,930	\$2,752,699
<u>Current Year Rate Adjustments</u>							
39	Current Year Rate Adjustments	0.0%	0.0%	3.8%	3.7%	3.6%	3.4%
40	Effective Month	October	October	October	October	October	October
41	% of Current Year Effective	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
42	Revenue From Current Year Rate Adjustments	\$0	\$0	\$92,858	\$93,646	\$94,283	\$94,921
43	<b>Total Revenue from Rates</b>	<b>\$2,349,967</b>	<b>\$2,386,041</b>	<b>\$2,507,173</b>	<b>\$2,622,081</b>	<b>\$2,734,213</b>	<b>\$2,847,620</b>
44	<b>Revenue Surplus/(Deficiency) [8]</b>	<b>(\$116,002)</b>	<b>(\$93,238)</b>	<b>(\$264,798)</b>	<b>(\$851,908)</b>	<b>(\$561,781)</b>	<b>(\$3,708)</b>
45	<b>Percentage Revenue Surplus/(Deficiency)</b>	<b>-4.9%</b>	<b>-3.9%</b>	<b>-10.6%</b>	<b>-32.5%</b>	<b>-20.5%</b>	<b>-0.1%</b>

## Footnotes:

- [1] Amounts shown based on Table 3-5.  
[2] Payment amounts shown were based on debt service schedules provided by City Staff.  
[3] Amounts shown represent payments on proposed capital leases utilized in the funding of the CIP.  
[4] Amount shown is a transfer to the City's General Fund and is based on 5.9% of the previous Fiscal Year's revenues.  
[5] Amounts based on the proposed capital funding plan.  
[6] Amounts based on projection of other operating revenues as shown on Table 3-2.  
[7] Interest income is estimated on earnings on projected fund balances from unrestricted reserves.  
[8] The forecast assumes that any deficiencies will be funded from available operating reserves.

**Table 3-12**  
**City of Edgewater, Florida**  
**Stormwater Utility Rate Study**

**Projection of Debt Service Coverage Compliance**

Line No.	Description	Fiscal Year Ending September 30					
		2022	2023	2024	2025	2026	2027
<b>Gross Revenues</b>							
<u>Stormwater Revenues</u>							
1	Revenues from Existing Rates	[1] \$2,349,967	\$2,386,041	\$2,414,315	\$2,434,789	\$2,451,363	\$2,467,937
2	Revenues from Proposed Rate Adjustments	[2] 0	0	92,858	187,291	282,850	379,683
3	Total Rate Revenues	\$2,349,967	\$2,386,041	\$2,507,173	\$2,622,081	\$2,734,213	\$2,847,620
4	Other Operating Revenue	17,000	17,000	17,000	17,000	17,000	17,000
5	Unrestricted Interest Income	[3] 8,030	7,785	7,364	6,127	4,392	3,718
6	Total System Gross Revenues	\$2,374,996	\$2,410,826	\$2,531,537	\$2,645,208	\$2,755,605	\$2,868,338
7	Operation and Maintenance Expenses	\$1,472,617	\$1,505,353	\$1,590,652	\$1,673,632	\$1,761,836	\$1,855,463
8	Net Revenues	\$902,380	\$905,473	\$940,885	\$971,576	\$993,769	\$1,012,875
<b>Senior Lien Coverage</b>							
9	Additional Senior Lien Debt 1	\$0	\$0	\$0	\$243,925	\$243,925	\$243,925
10	Additional Bonds 2	0	0	0	0	0	0
11	Additional Bonds 3	0	0	0	0	0	0
12	Additional Bonds 4	0	0	0	0	0	0
13	Annual Debt Service - Senior Lien Debt	\$0	\$0	\$0	\$243,925	\$243,925	\$243,925
	Coverage Ratio - Calculated	N/A	N/A	N/A	3.98	4.07	4.15
14	Coverage Ratio - Required	1.15	1.15	1.15	1.15	1.15	1.15
<b>Subordinate Lien Coverage</b>							
15	Net Revenues	\$902,380	\$905,473	\$940,885	\$971,576	\$993,769	\$1,012,875
16	Less Senior Lien Debt Service (Inc. Coverage)	0	0	0	(280,514)	(280,514)	(280,514)
17	Net Revenues less Senior Lien Debt Service	\$902,380	\$905,473	\$940,885	\$691,062	\$713,255	\$732,361
<u>Subordinate Debt Service:</u>							
Existing Debt Service							
18	Capital Improvement Revenue Note, Series 2014	[4] \$49,671	\$49,546	\$41,105	\$0	\$0	\$0
19	Vehicle Lease 2016 Amer Cap Svc	201	0	0	0	0	0
Proposed Debt Service							
20	Additional Subordinate Lien Debt 1	\$0	\$0	\$0	\$0	\$0	\$0
21	Additional Subordinate Lien Debt 2	0	0	0	0	0	0
22	Additional Subordinate Lien Debt 3	0	0	0	0	0	0
23	Additional Subordinate Lien Debt 4	0	0	0	0	0	0
24	Annual Debt Service - Subordinate Lien Debt	\$49,872	\$49,546	\$41,105	\$0	\$0	\$0
25	Coverage Ratio - Calculated	18.09	18.28	22.89	N/A	N/A	N/A
26	Coverage Ratio - Required	1.15	1.15	1.15	1.15	1.15	1.15
27	Net Revenues less Senior & Junior Lien Debt Service	\$852,508	\$855,927	\$899,780	\$727,650	\$749,844	\$768,950
<b>All-In Debt Service Coverage</b>							
28	Combined All-In Debt Service Payments	\$49,872	\$49,546	\$41,105	\$243,925	\$243,925	\$243,925
29	Coverage Ratio - Calculated	18.09	18.28	22.89	3.98	4.07	4.15
30	Coverage Ratio - Target	1.50	1.50	1.50	1.50	1.50	1.50
<u>Other Uses / (Sources) of Funds</u>							
31	Payment In Lieu of Franchise Fee	[5] \$137,721	\$140,776	\$147,923	\$154,703	\$161,319	\$168,010
32	Transfer to Charter Reserve Fund	0	12,148	12,148	12,148	12,148	12,148
33	Capital Funded from Rates	830,789	796,240	1,004,507	1,412,708	1,138,158	592,500
34	Transfer From General Fund	0	0	0	0	0	0
35	Net transfer from / (to) Reserves	0	0	0	0	0	0
36	Net Transfer to (from) Reserves	(\$116,002)	(\$93,238)	(\$264,798)	(\$851,908)	(\$561,781)	(\$3,708)

**Table 3-12**  
**City of Edgewater, Florida**  
**Stormwater Utility Rate Study**

**Projection of Debt Service Coverage Compliance**

Footnotes:

- [1] Projected revenue from rates reflects existing rates effective October 1, 2021.
- [2] Revenue from rate adjustments reflect the following projected rate increases effective October 1st of each year.

Fiscal Year	2022	2023	2024	2025	2026	2027
Rate Adjustment	0.00%	0.00%	3.85%	3.70%	3.57%	3.45%

- [3] Amounts shown only reflect earnings from funds and accounts established by the City that are considered unrestricted (earnings not required to be retained in such funds and accounts and are available as a component of Net Revenues).
- [4] Amounts shown represent a transfer to the City's General fund for the Utility System's allocation (33.85%) of the Capital Improvement Revenue Note, Series 2014.
- [5] Amounts shown represent a transfer to the City's General fund for Payment in Lieu of Franchise Fees (PILOFF), which is a transfer made based on 5.90% of the previous year's rate revenue.



**Table 3-13**  
**City of Edgewater, Florida**  
**Stormwater Utility Rate Study**

**Comparison of Monthly Residential Stormwater Rates [1]**

Line No.	Description	Monthly Stormwater Rate per ERU	Impervious Surface per ERU
<b>City of Edgewater</b>			
1	Existing Rates	\$13.00	2,027
2	Proposed Rates - Fiscal Year 2023	13.00	2,027
<b><u>Other Florida Utilities</u></b>			
3	City of Daytona Beach	\$11.46	1,661
4	City of DeLand	9.68	3,100
5	City of Deltona	10.67	3,484
6	City of Eustis	6.00	2,187
7	City of Holly Hill	8.00	2,050
8	New Smyrna Beach Utilities Commission	7.92	1,818
9	City of Ormond Beach	7.00	3,000
10	City of Palm Coast	20.59	3,682
11	City of Port Orange	9.58	3,050
12	City of Sanford	9.27	2,126
13	City of South Daytona	9.00	2,000
14	Volusia County	6.00	2,775
15	Other Utilities' Average	\$9.60	2,578
16	Minimum	6.00	1,661
17	Maximum	20.59	3,682

**Footnotes:**

[1] Unless otherwise noted, amounts shown reflect rates in effect June 2022 and are exclusive of taxes or franchise fees, if any. All rates are as reported by the respective local government.

# APPENDICES

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**RAFTELIS**

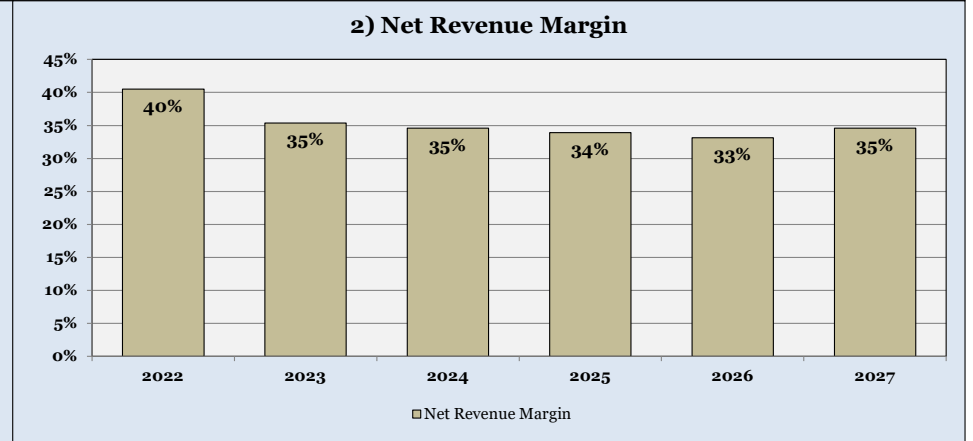
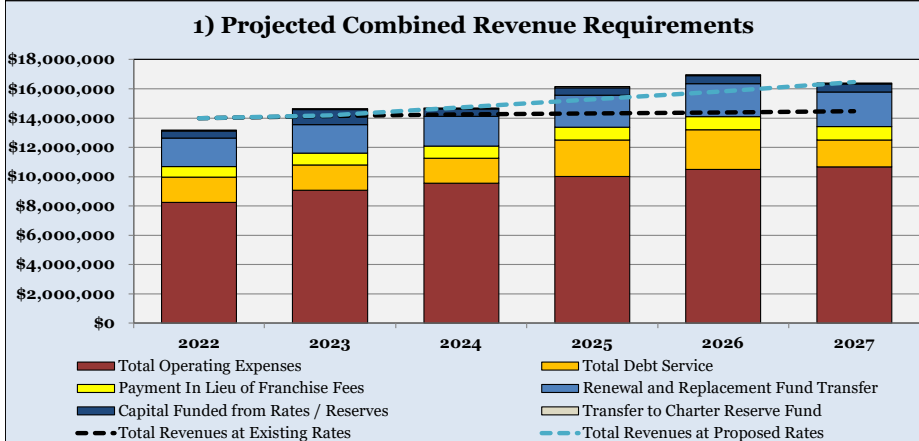
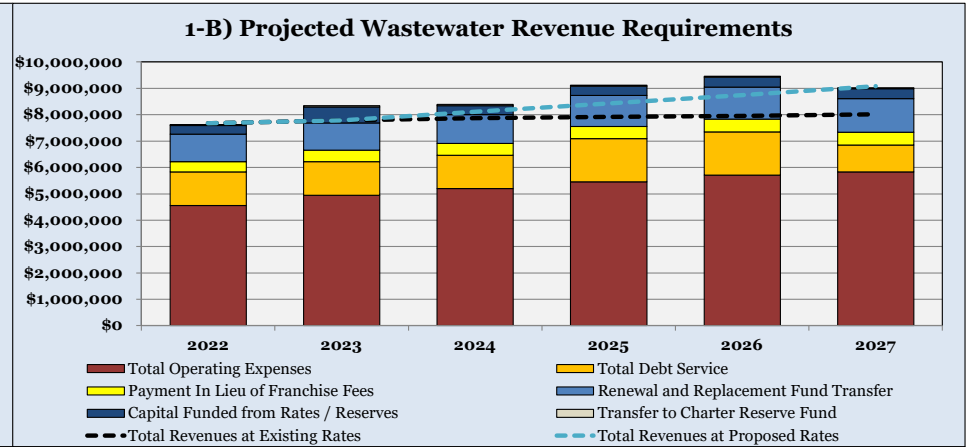
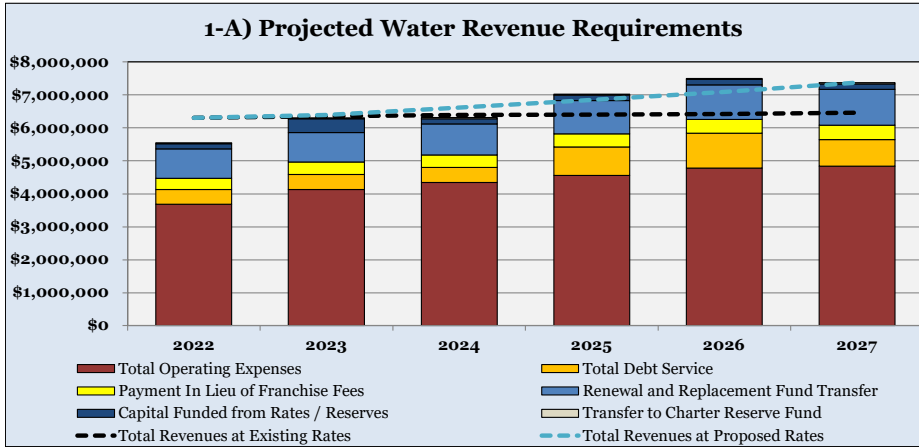


**Appendix I  
City of Edgewater, Florida  
Water and Wastewater Utility Rate Study**



**Water and Wastewater System Financial Dashboards and Performance Metrics**

Description	Fiscal Year Ending September 30th,						Description	Fiscal Year Ending September 30th,					
	2022	2023	2024	2025	2026	2027		2022	2023	2024	2025	2026	2027
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency):</b>						
Water Revenue Adjustment	0.00%	0.00%	3.50%	3.50%	3.50%	3.50%	Water Revenue Surplus / (Deficiency)	\$755,752	\$88,499	\$300,704	(\$175,862)	(\$409,338)	(\$2,318)
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Wastewater Revenue Surplus / (Deficiency)	40,945	(\$53,112)	(\$273,015)	(\$696,563)	(\$719,920)	50,566
Wholesale Water Revenue Adjustment	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	Combined Revenue Surplus / (Deficiency)	\$796,697	(\$464,613)	\$27,689	(\$872,425)	(\$1,129,258)	\$48,248
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Percent of Rate Revenues	6.08%	-3.48%	0.20%	-6.00%	-7.46%	0.31%
Wastewater Revenue Adj.	0.00%	0.00%	3.50%	3.50%	3.50%	3.50%	<b>Average Residential Bill:</b>						
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Average Water Bill @ 3,000 gal	\$29.66	\$29.66	\$30.70	\$31.77	32.88	\$34.03
Reclaimed Revenue Adj.	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Average Wastewater Bill @ 3,000 gal	49.51	49.51	51.24	53.03	54.89	56.81
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Average Combined Bill @ 3,000 gal	\$79.17	\$79.17	\$81.94	\$84.80	\$87.77	\$90.84
Combined Adjustment	N/A	0.26%	3.48%	3.48%	3.48%	3.49%	Monthly Increase - Total	N/A	\$0.00	\$2.77	\$2.86	\$2.97	\$3.07
Cumulative Adjustment	N/A	0.26%	3.75%	7.36%	11.10%	14.98%	Monthly Increase - Cost Per Gallon	N/A	\$0.0000	\$0.0007	\$0.0007	\$0.0007	\$0.0008



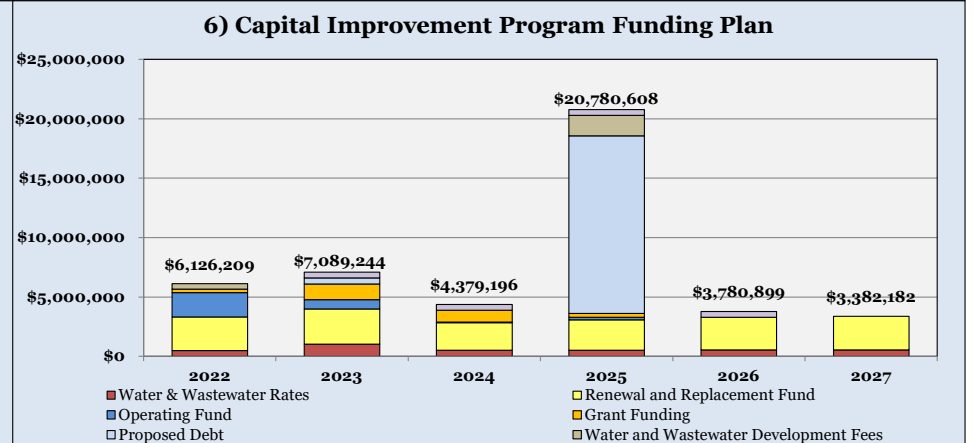
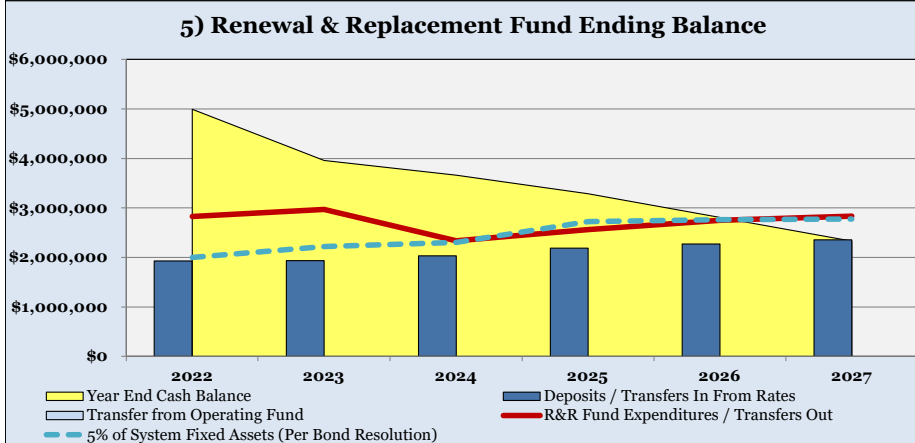
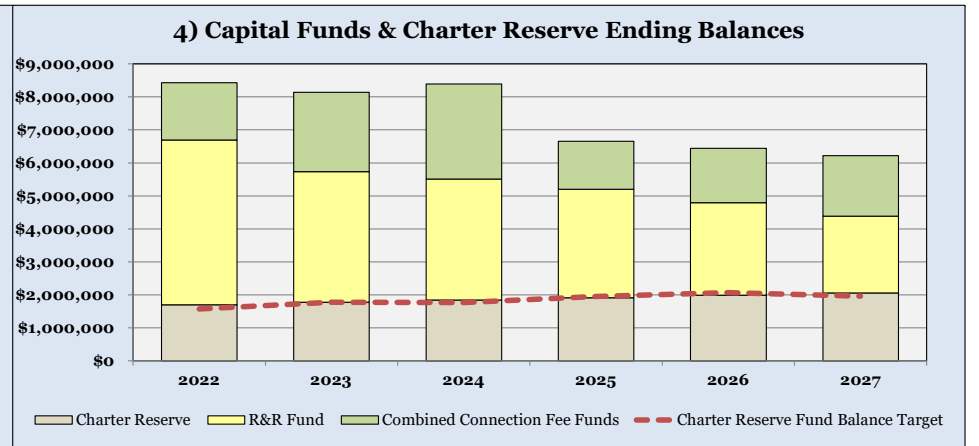
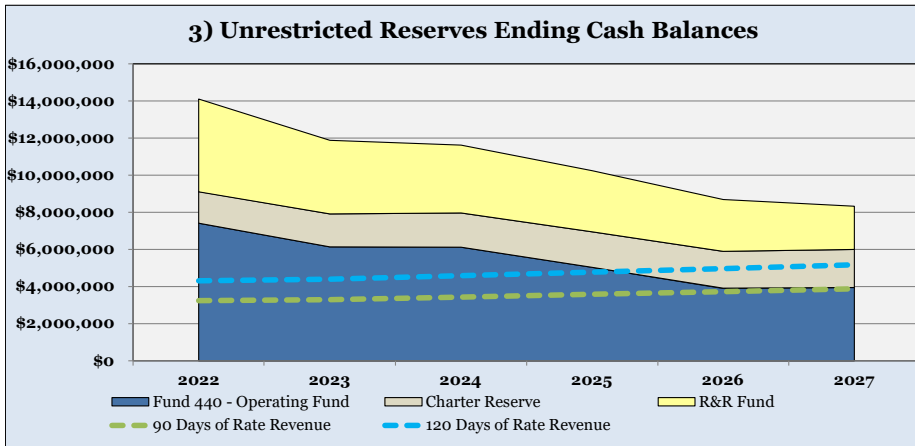


**Appendix I**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**



**Water and Wastewater System Financial Dashboards and Performance Metrics**

Description	Fiscal Year Ending September 30th,						Description	Fiscal Year Ending September 30th,					
	2022	2023	2024	2025	2026	2027		2022	2023	2024	2025	2026	2027
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency):</b>						
Water Revenue Adjustment	0.00%	0.00%	3.50%	3.50%	3.50%	3.50%	Water Revenue Surplus / (Deficiency)	\$755,752	\$88,499	\$300,704	(\$175,862)	(\$409,338)	(\$2,318)
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Wastewater Revenue Surplus / (Deficiency)	40,945	(\$53,112)	(\$273,015)	(\$696,563)	(\$719,920)	50,566
Wholesale Water Revenue Adjustment	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	Combined Revenue Surplus / (Deficiency)	\$796,697	(\$464,613)	\$27,689	(\$872,425)	(\$1,129,258)	\$48,248
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Percent of Rate Revenues	6.08%	-3.48%	0.20%	-6.00%	-7.46%	0.31%
Wastewater Revenue Adj.	0.00%	0.00%	3.50%	3.50%	3.50%	3.50%	<b>Average Residential Bill:</b>						
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Average Water Bill @ 3,000 gal	\$29.66	\$29.66	\$30.70	\$31.77	32.88	\$34.03
Reclaimed Revenue Adj.	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Average Wastewater Bill @ 3,000 gal	49.51	49.51	51.24	53.03	54.89	56.81
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Average Combined Bill @ 3,000 gal	\$79.17	\$79.17	\$81.94	\$84.80	\$87.77	\$90.84
Combined Adjustment	N/A	0.26%	3.48%	3.48%	3.48%	3.49%	Monthly Increase - Total	N/A	\$0.00	\$2.77	\$2.86	\$2.97	\$3.07
Cumulative Adjustment	N/A	0.26%	3.75%	7.36%	11.10%	14.98%	Monthly Increase - Cost Per Gallon	N/A	\$0.0000	\$0.0007	\$0.0007	\$0.0007	\$0.0008



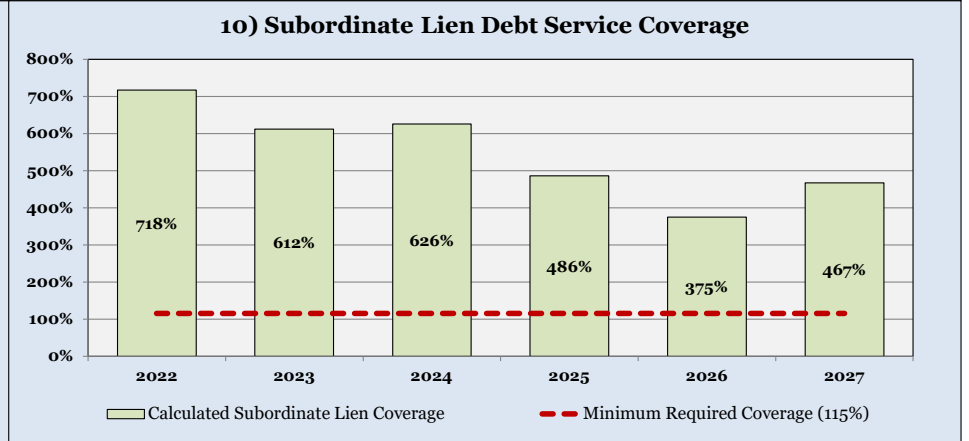
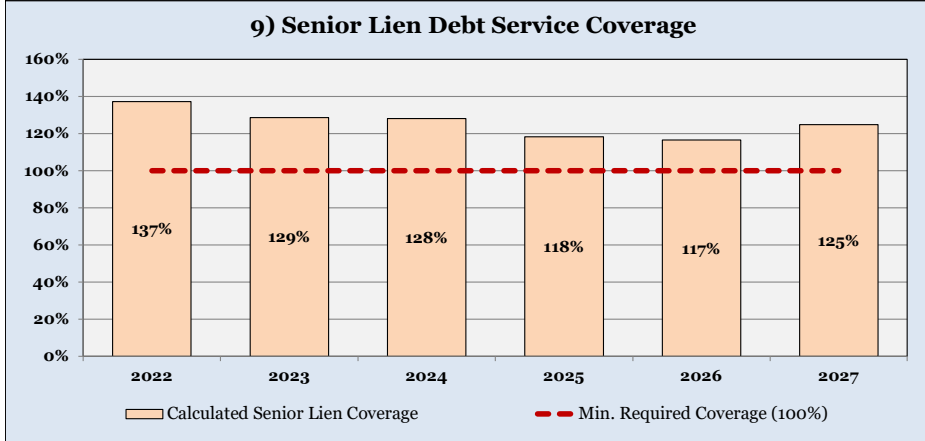
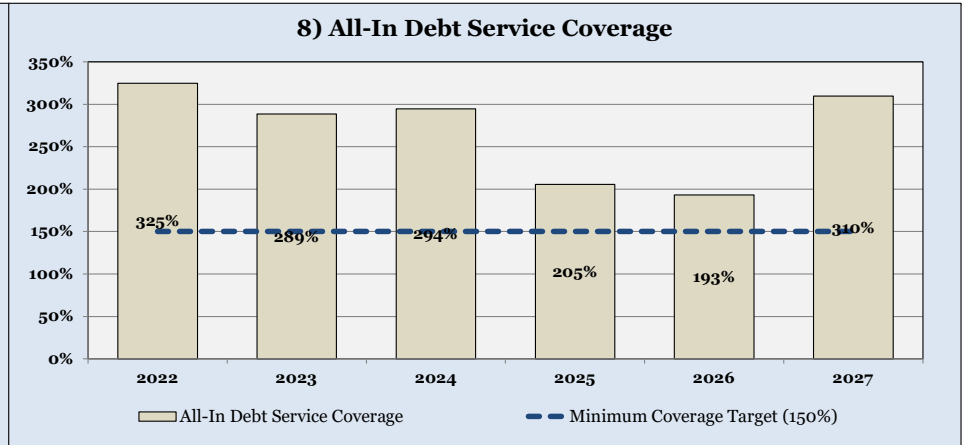
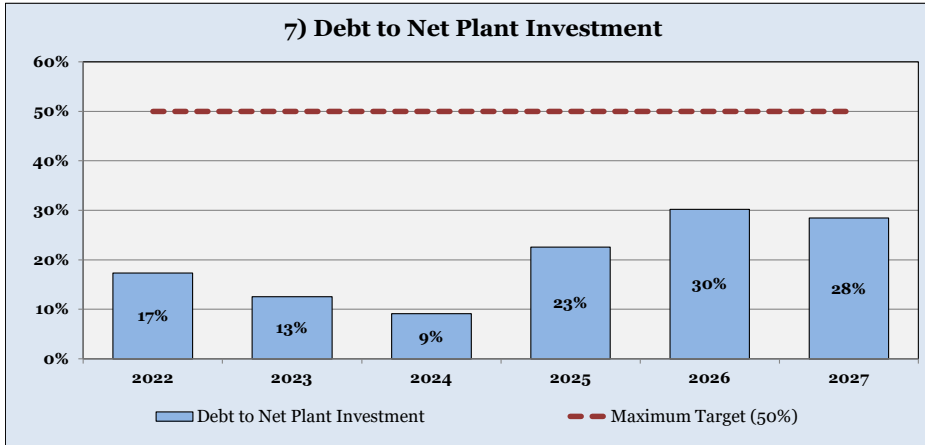


**Appendix I**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**



**Water and Wastewater System Financial Dashboards and Performance Metrics**

Description	Fiscal Year Ending September 30th,						Description	Fiscal Year Ending September 30th,					
	2022	2023	2024	2025	2026	2027		2022	2023	2024	2025	2026	2027
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency):</b>						
Water Revenue Adjustment	0.00%	0.00%	3.50%	3.50%	3.50%	3.50%	Water Revenue Surplus / (Deficiency)	\$755,752	\$88,499	\$300,704	(\$175,862)	(\$409,338)	(\$2,318)
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Wastewater Revenue Surplus / (Deficiency)	40,945	(\$53,112)	(273,015)	(696,563)	(719,920)	50,566
Wholesale Water Revenue Adjustment	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	Combined Revenue Surplus / (Deficiency)	\$796,697	(\$464,613)	\$27,689	(\$872,425)	(\$1,129,258)	\$48,248
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Percent of Rate Revenues	6.08%	-3.48%	0.20%	-6.00%	-7.46%	0.31%
Wastewater Revenue Adj.	0.00%	0.00%	3.50%	3.50%	3.50%	3.50%	<b>Average Residential Bill:</b>						
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Average Water Bill @ 3,000 gal	\$29.66	\$29.66	\$30.70	\$31.77	32.88	\$34.03
Reclaimed Revenue Adj.	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Average Wastewater Bill @ 3,000 gal	49.51	49.51	51.24	53.03	54.89	56.81
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Average Combined Bill @ 3,000 gal	\$79.17	\$79.17	\$81.94	\$84.80	\$87.77	\$90.84
Combined Adjustment	N/A	0.26%	3.48%	3.48%	3.48%	3.49%	Monthly Increase - Total	N/A	\$0.00	\$2.77	\$2.86	\$2.97	\$3.07
Cumulative Adjustment	N/A	0.26%	3.75%	7.36%	11.10%	14.98%	Monthly Increase - Cost Per Gallon	N/A	\$0.0000	\$0.0007	\$0.0007	\$0.0007	\$0.0008



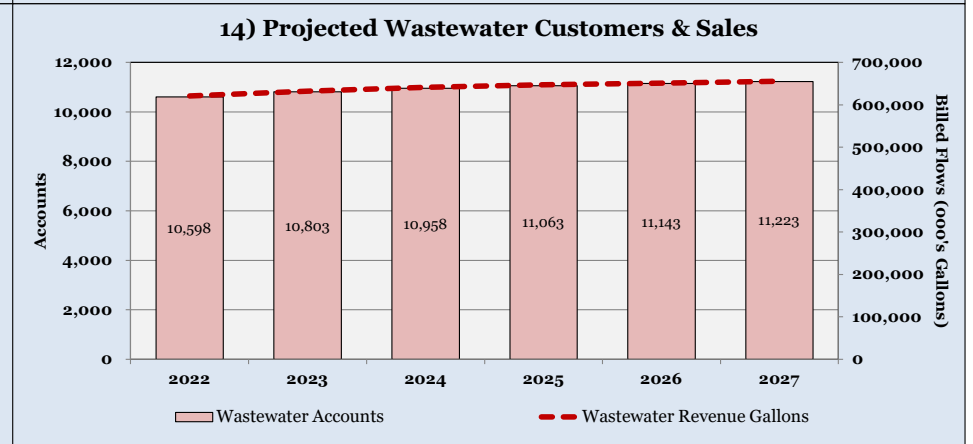
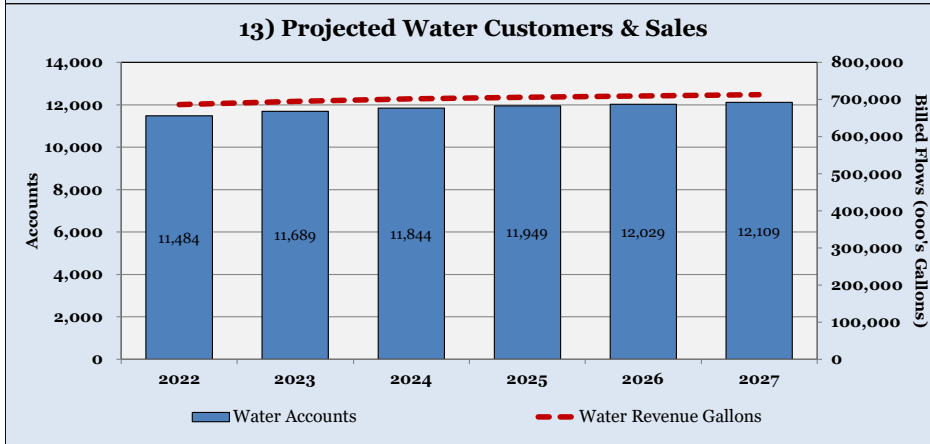
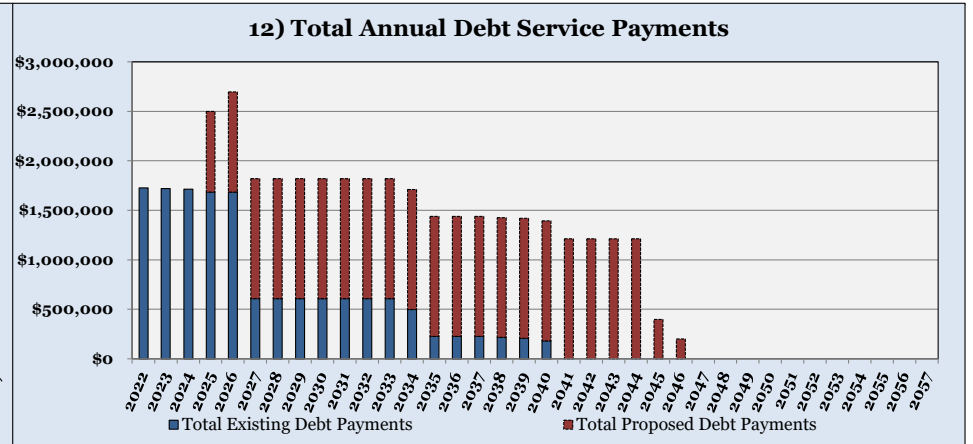
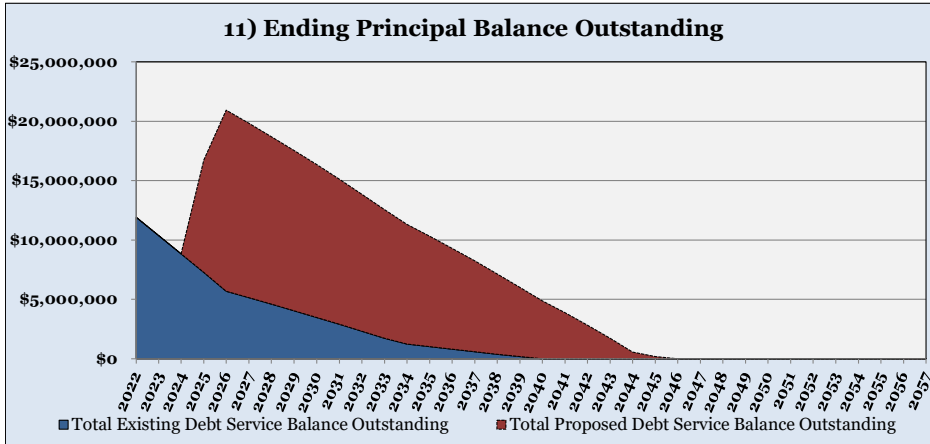


**Appendix I  
City of Edgewater, Florida  
Water and Wastewater Utility Rate Study**



**Water and Wastewater System Financial Dashboards and Performance Metrics**

Description	Fiscal Year Ending September 30th,						Description	Fiscal Year Ending September 30th,					
	2022	2023	2024	2025	2026	2027		2022	2023	2024	2025	2026	2027
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency):</b>						
Water Revenue Adjustment	0.00%	0.00%	3.50%	3.50%	3.50%	3.50%	Water Revenue Surplus / (Deficiency)	\$755,752	\$88,499	\$300,704	(\$175,862)	(\$409,338)	(\$2,318)
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Wastewater Revenue Surplus / (Deficiency)	40,945	(\$53,112)	(273,015)	(696,563)	(719,920)	50,566
Wholesale Water Revenue Adjustment	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	Combined Revenue Surplus / (Deficiency)	\$796,697	(\$464,613)	\$27,689	(\$872,425)	(\$1,129,258)	\$48,248
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Percent of Rate Revenues	6.08%	-3.48%	0.20%	-6.00%	-7.46%	0.31%
Wastewater Revenue Adj.	0.00%	0.00%	3.50%	3.50%	3.50%	3.50%	<b>Average Residential Bill:</b>						
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Average Water Bill @ 3,000 gal	\$29.66	\$29.66	\$30.70	\$31.77	32.88	\$34.03
Reclaimed Revenue Adj.	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Average Wastewater Bill @ 3,000 gal	49.51	49.51	51.24	53.03	54.89	56.81
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Average Combined Bill @ 3,000 gal	\$79.17	\$79.17	\$81.94	\$84.80	\$87.77	\$90.84
Combined Adjustment	N/A	0.26%	3.48%	3.48%	3.48%	3.49%	Monthly Increase - Total	N/A	\$0.00	\$2.77	\$2.86	\$2.97	\$3.07
Cumulative Adjustment	N/A	0.26%	3.75%	7.36%	11.10%	14.98%	Monthly Increase - Cost Per Gallon	N/A	\$0.0000	\$0.0007	\$0.0007	\$0.0007	\$0.0008



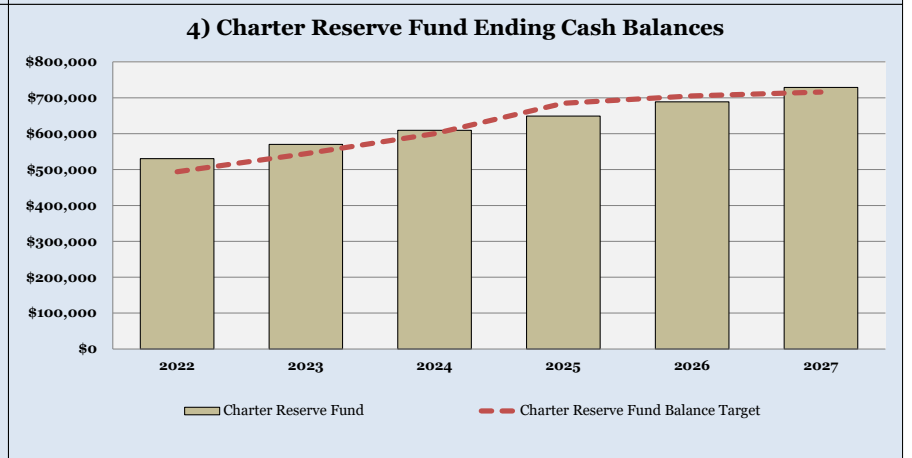
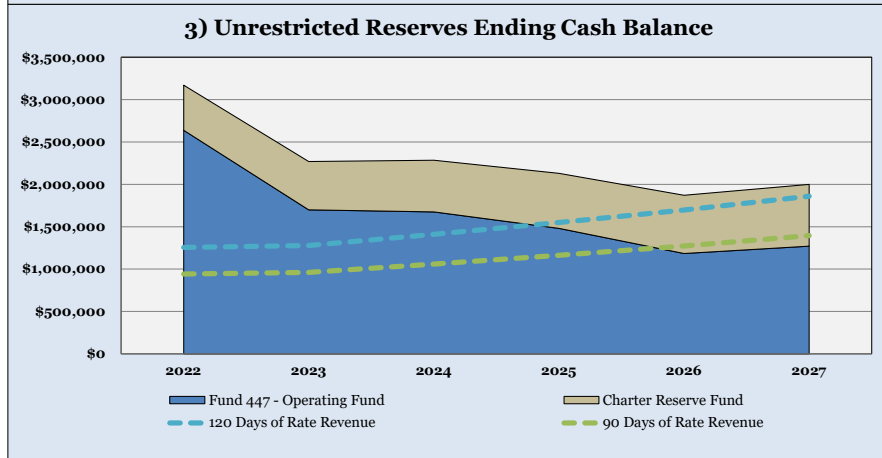
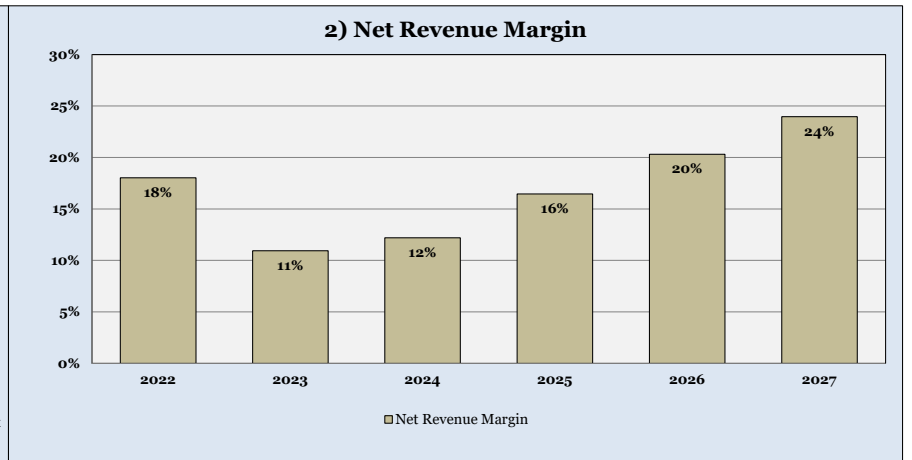
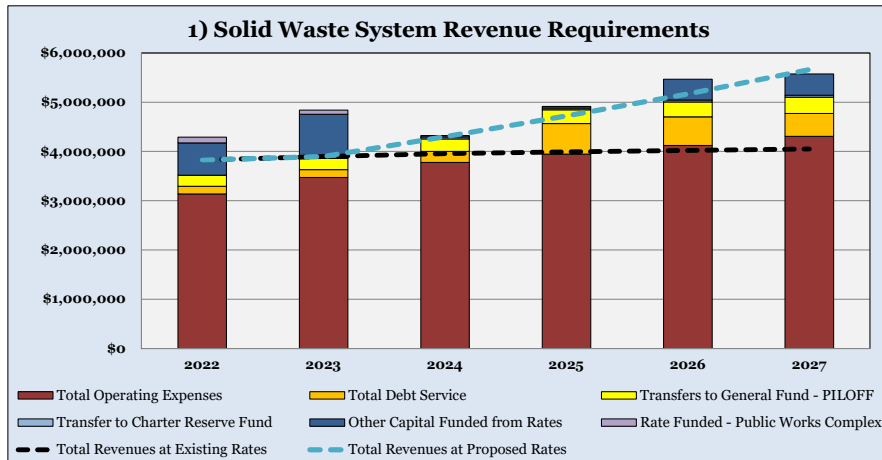


**Appendix 2  
City of Edgewater, Florida  
Solid Waste Utility Rate Study**



**Solid Waste System Financial Dashboards and Performance Metrics**

Description	Fiscal Year Ending September 30,						Description	Fiscal Year Ending September 30,						
	2022	2023	2024	2025	2026	2027		2022 Base	2022	2023	2024	2025	2026	2027
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency)</b>							
Solid Waste Collection Revenue Adjustment	0.00%	0.00%	8.75%	8.75%	8.75%	8.75%	Percent of Rate Revenues	(\$465,400)	(\$939,787)	(\$24,363)	(\$193,990)	(\$297,686)	\$87,630	
Effective Month of Increase	Jul.	Oct.	Oct.	Oct.	Oct.	Oct.		-12.19%	-24.15%	-0.57%	-4.11%	-5.76%	1.55%	
Recycling Revenue Adjustment	0.00%	0.00%	8.75%	8.75%	8.75%	8.75%	<b>Average Residential Bill:</b>							
Effective Month of Increase	Oct.	Oct.	Oct.	Oct.	Oct.	Oct.	Solid Waste Collection	\$25.41	\$25.41	\$25.41	\$27.63	\$30.05	\$32.68	\$35.54
Combined Adjustment	N/A	0.00%	8.75%	8.75%	8.75%	8.75%	Recycling	4.74	4.74	4.74	5.15	5.60	6.09	6.62
Cumulative Adjustment	N/A	0.00%	8.75%	18.27%	28.61%	39.87%	Total Solid Waste Bill	\$30.15	\$30.15	\$30.15	\$32.78	\$35.65	\$38.77	\$42.16
							Annual Increase - Total	N/A	\$0.00	\$0.00	\$2.63	\$2.87	\$3.12	\$3.39



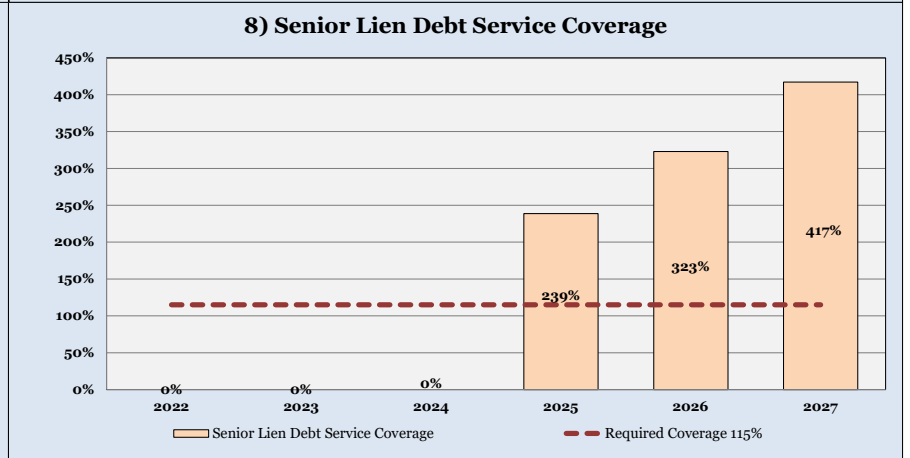
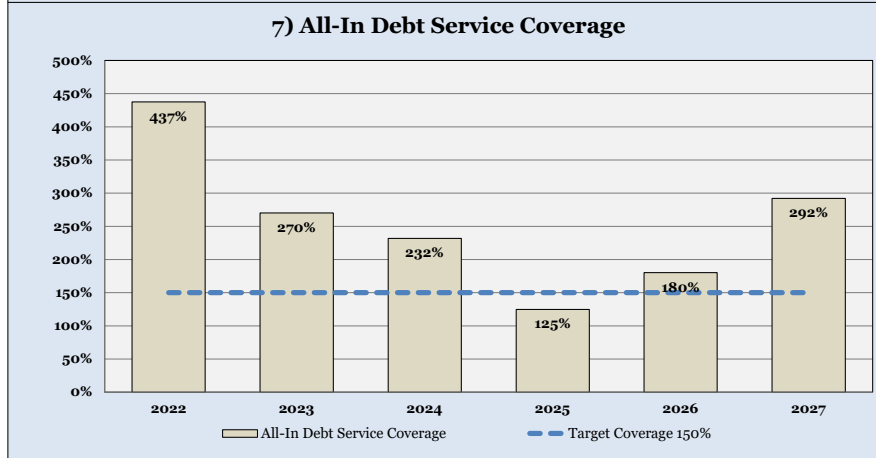
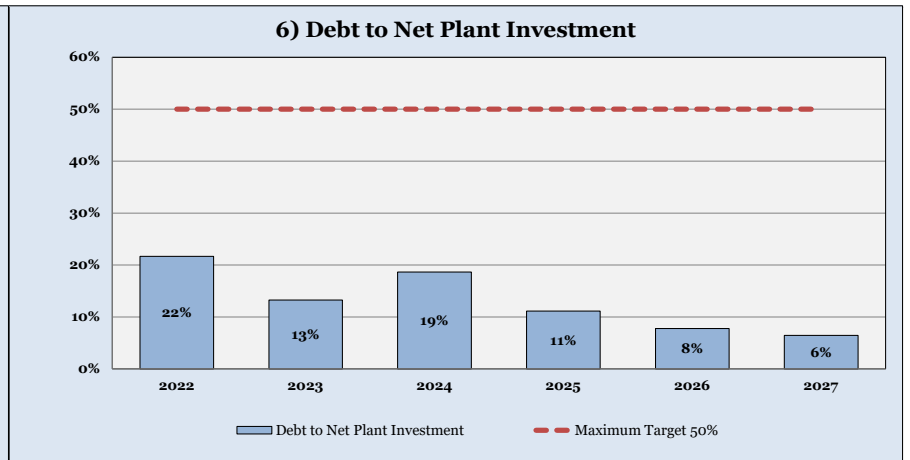
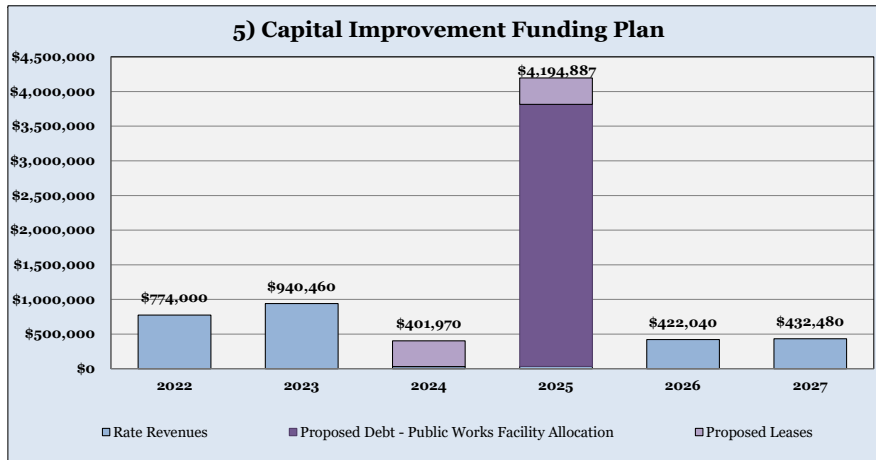


**Appendix 2  
City of Edgewater, Florida  
Solid Waste Utility Rate Study**



**Solid Waste System Financial Dashboards and Performance Metrics**

Description	Fiscal Year Ending September 30,						Description	Fiscal Year Ending September 30,						
	2022	2023	2024	2025	2026	2027		2022 Base	2022	2023	2024	2025	2026	2027
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency)</b>							
Solid Waste Collection Revenue Adjustment	0.00%	0.00%	8.75%	8.75%	8.75%	8.75%	Percent of Rate Revenues	(\$465,400)	(\$939,787)	(\$24,363)	(\$193,990)	(\$297,686)	\$87,630	
Effective Month of Increase	Jul.	Oct.	Oct.	Oct.	Oct.	Oct.		-12.19%	-24.15%	-0.57%	-4.11%	-5.76%	1.55%	
Recycling Revenue Adjustment	0.00%	0.00%	8.75%	8.75%	8.75%	8.75%	<b>Average Residential Bill:</b>							
Effective Month of Increase	Oct.	Oct.	Oct.	Oct.	Oct.	Oct.	Solid Waste Collection	\$25.41	\$25.41	\$25.41	\$27.63	\$30.05	\$32.68	\$35.54
Combined Adjustment	N/A	0.00%	8.75%	8.75%	8.75%	8.75%	Recycling	4.74	4.74	4.74	5.15	5.60	6.09	6.62
Cumulative Adjustment	N/A	0.00%	8.75%	18.27%	28.61%	39.87%	Total Solid Waste Bill	\$30.15	\$30.15	\$30.15	\$32.78	\$35.65	\$38.77	\$42.16
							Annual Increase - Total	N/A	\$0.00	\$0.00	\$2.63	\$2.87	\$3.12	\$3.39





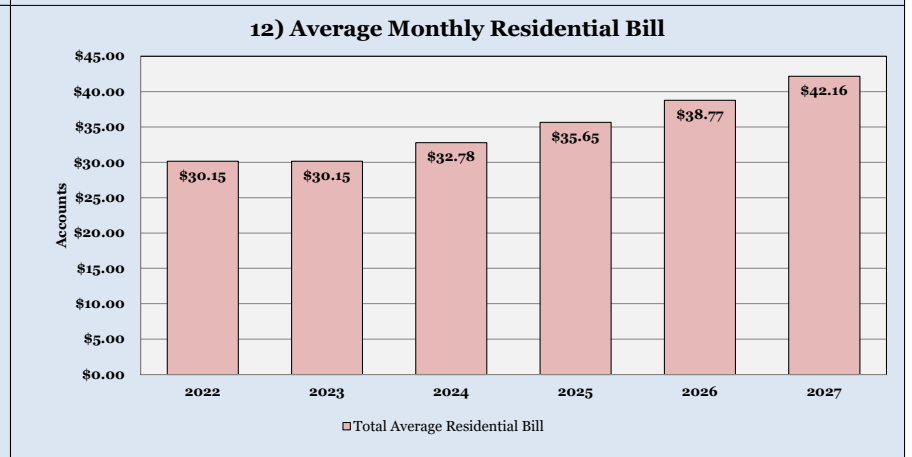
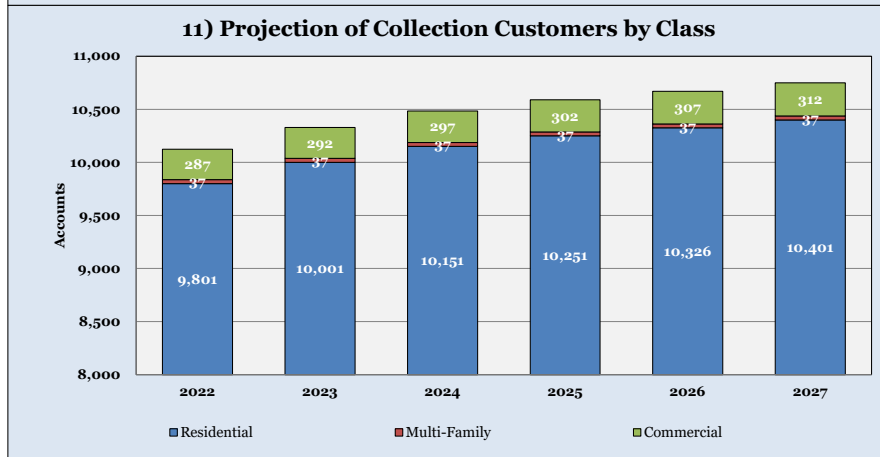
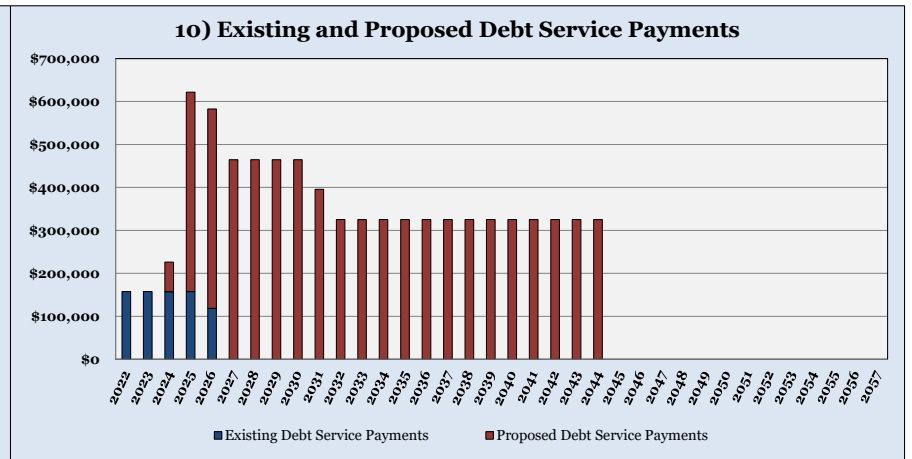
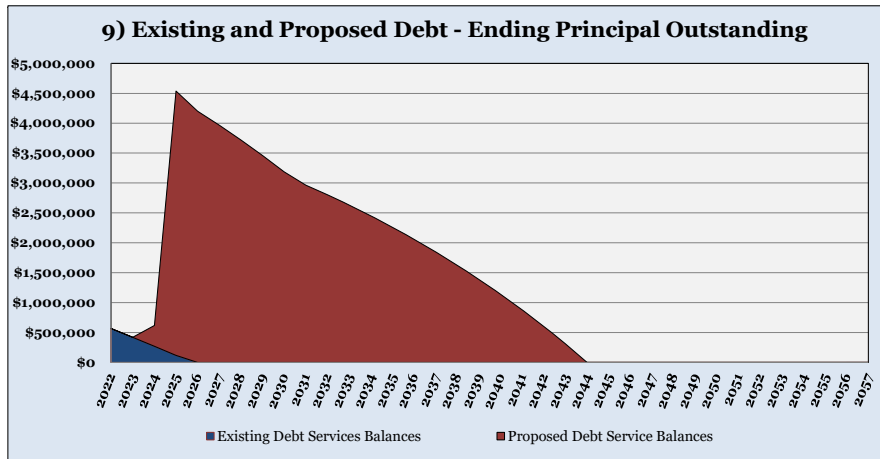


**Appendix 2  
City of Edgewater, Florida  
Solid Waste Utility Rate Study**



**Solid Waste System Financial Dashboards and Performance Metrics**

Description	Fiscal Year Ending September 30,						Description	Fiscal Year Ending September 30,						
	2022	2023	2024	2025	2026	2027		2022 Base	2022	2023	2024	2025	2026	2027
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency)</b>							
Solid Waste Collection Revenue Adjustment	0.00%	0.00%	8.75%	8.75%	8.75%	8.75%	Percent of Rate Revenues	(\$465,400)	(\$939,787)	(\$24,363)	(\$193,990)	(\$297,686)	\$87,630	
Effective Month of Increase	Jul.	Oct.	Oct.	Oct.	Oct.	Oct.		-12.19%	-24.15%	-0.57%	-4.11%	-5.76%	1.55%	
Recycling Revenue Adjustment	0.00%	0.00%	8.75%	8.75%	8.75%	8.75%	<b>Average Residential Bill:</b>							
Effective Month of Increase	Oct.	Oct.	Oct.	Oct.	Oct.	Oct.	Solid Waste Collection	\$25.41	\$25.41	\$25.41	\$27.63	\$30.05	\$32.68	\$35.54
Combined Adjustment	N/A	0.00%	8.75%	8.75%	8.75%	8.75%	Recycling	4.74	4.74	4.74	5.15	5.60	6.09	6.62
Cumulative Adjustment	N/A	0.00%	8.75%	18.27%	28.61%	39.87%	Total Solid Waste Bill	\$30.15	\$30.15	\$30.15	\$32.78	\$35.65	\$38.77	\$42.16
							Annual Increase - Total	N/A	\$0.00	\$0.00	\$2.63	\$2.87	\$3.12	\$3.39



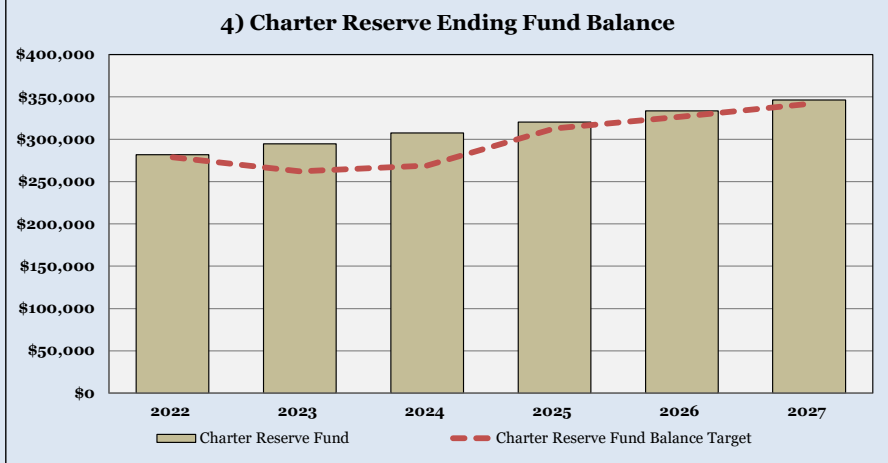
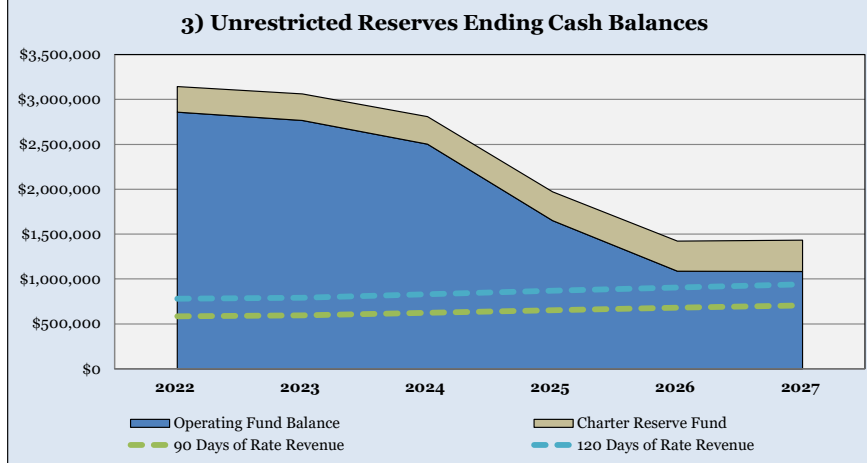
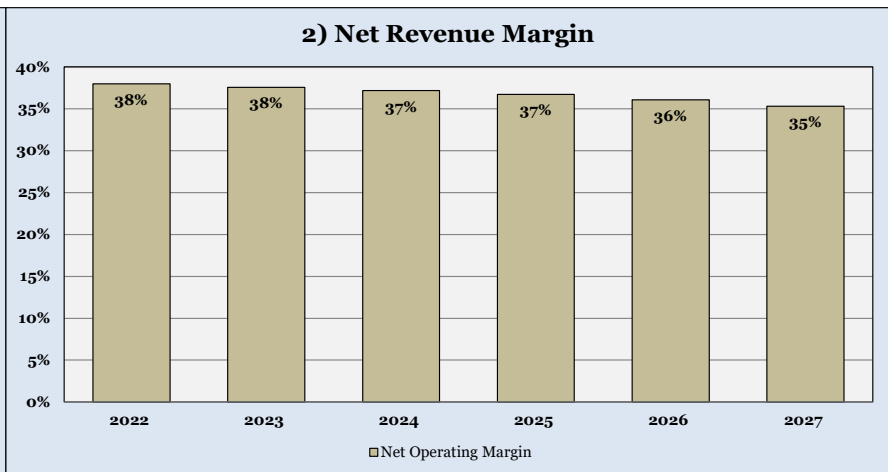
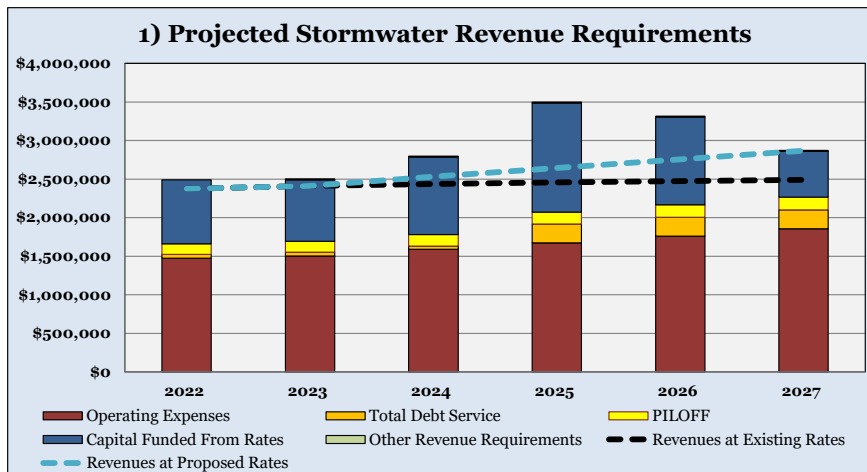


### Appendix 3 City of Edgewater, Florida Stormwater Utility Rate Study



#### Stormwater System Financial Dashboards and Performance Metrics

Description	2022	2023	2024	2025	2026	2027	Description	2022 Base	2022	2023	2024	2025	2026	2027
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency)</b>							
Stormwater Base Fee	0.00%	0.00%	3.85%	3.70%	3.57%	3.45%	Percent of Rate Revenues		(\$116,002)	(\$93,238)	(\$264,798)	(\$851,908)	(\$561,781)	(\$3,708)
Effective Month of Increase	October	October	October	October	October	October			-4.94%	-3.91%	-10.56%	-32.49%	-20.55%	-0.13%
Stormwater Assessment Fee	0.00%	0.00%	3.85%	3.70%	3.57%	3.45%	<b>Average Residential Bill:</b>							
Effective Month of Increase	October	October	October	October	October	October	Stormwater Base Fee	\$7.06	\$7.06	\$7.06	\$7.33	\$7.60	\$7.87	\$8.14
Combined Adjustment	N/A	0.00%	3.85%	3.70%	3.57%	3.45%	Stormwater Assessment Fee	\$5.94	\$5.94	\$5.94	\$6.17	\$6.40	\$6.63	\$6.86
Cumulative Adjustment	N/A	0.00%	3.85%	7.69%	11.54%	15.38%	Total Stormwater Bill	\$13.00	\$13.00	\$13.00	\$13.50	\$14.00	\$14.50	\$15.00
							Monthly Increase - Total	N/A	\$0.00	\$0.00	\$0.50	\$0.50	\$0.50	\$0.50



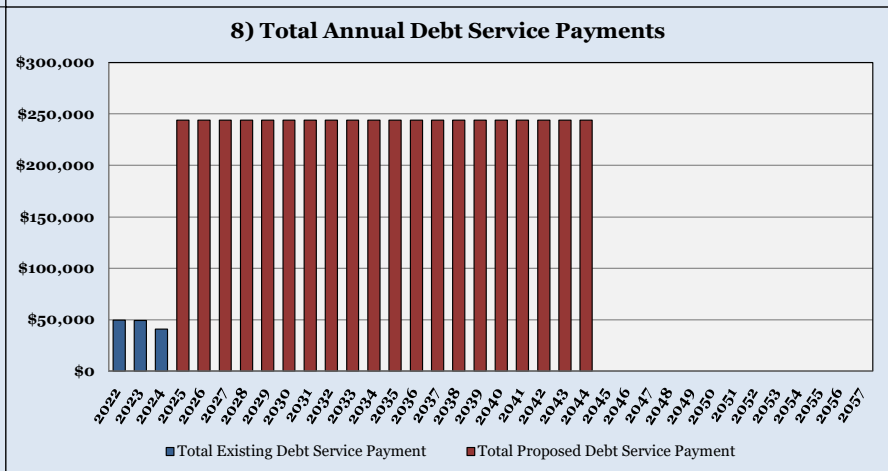
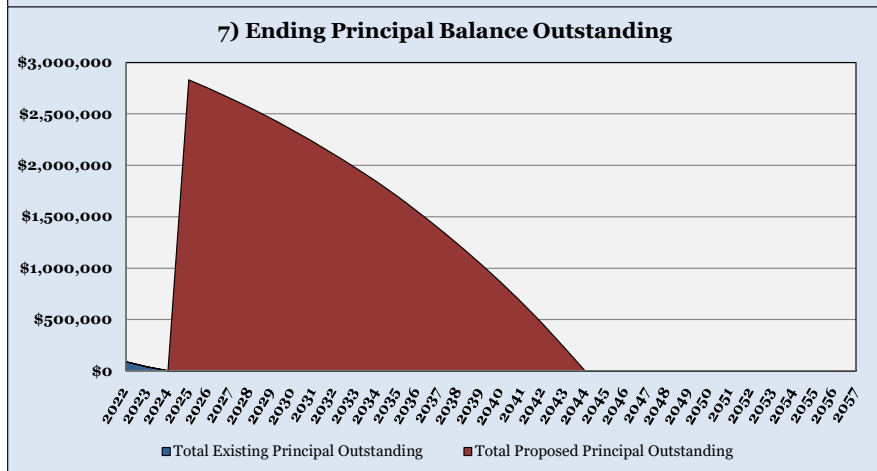
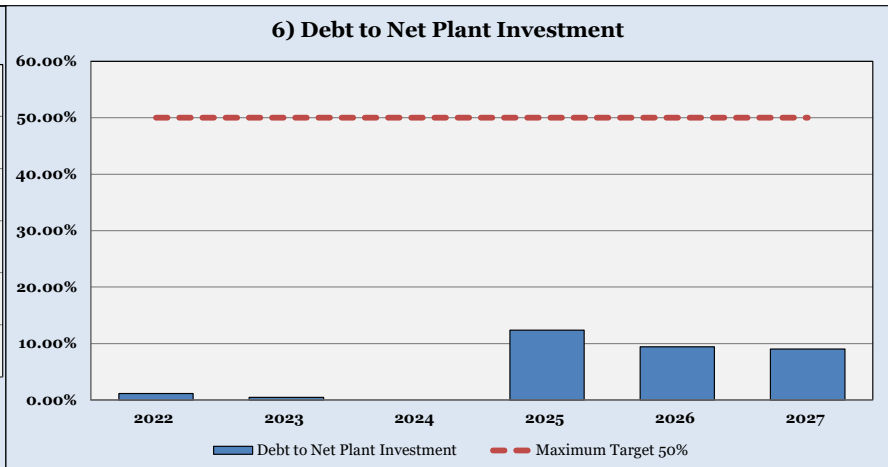
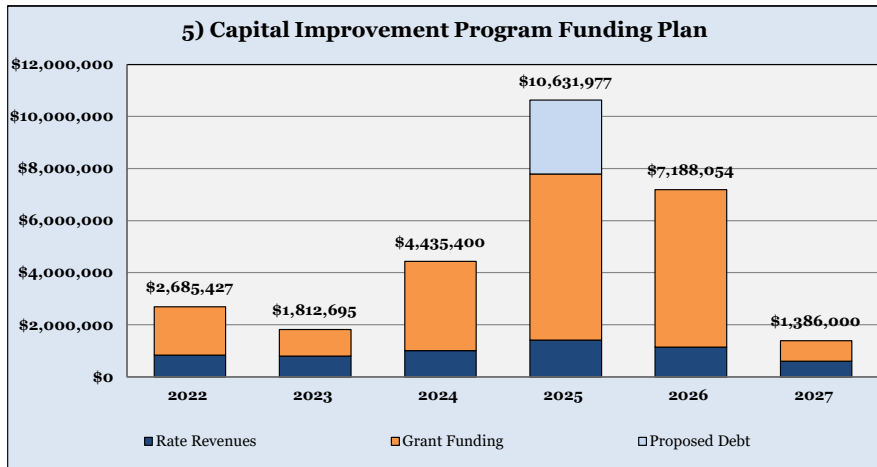


### Appendix 3 City of Edgewater, Florida Stormwater Utility Rate Study



#### Stormwater System Financial Dashboards and Performance Metrics

Description	2022	2023	2024	2025	2026	2027	Description	2022 Base	2022	2023	2024	2025	2026	2027
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency)</b>							
Stormwater Base Fee	0.00%	0.00%	3.85%	3.70%	3.57%	3.45%	Percent of Rate Revenues		(\$116,002)	(\$93,238)	(\$264,798)	(\$851,908)	(\$561,781)	(\$3,708)
Effective Month of Increase	October	October	October	October	October	October			-4.94%	-3.91%	-10.56%	-32.49%	-20.55%	-0.13%
Stormwater Assessment Fee	0.00%	0.00%	3.85%	3.70%	3.57%	3.45%	<b>Average Residential Bill:</b>							
Effective Month of Increase	October	October	October	October	October	October	Stormwater Base Fee	\$7.06	\$7.06	\$7.06	\$7.33	\$7.60	\$7.87	\$8.14
Combined Adjustment	N/A	0.00%	3.85%	3.70%	3.57%	3.45%	Stormwater Assessment Fee	\$5.94	\$5.94	\$5.94	\$6.17	\$6.40	\$6.63	\$6.86
Cumulative Adjustment	N/A	0.00%	3.85%	7.69%	11.54%	15.38%	Total Stormwater Bill	\$13.00	\$13.00	\$13.00	\$13.50	\$14.00	\$14.50	\$15.00
							Monthly Increase - Total	N/A	\$0.00	\$0.00	\$0.50	\$0.50	\$0.50	\$0.50





### Appendix 3 City of Edgewater, Florida Stormwater Utility Rate Study



#### Stormwater System Financial Dashboards and Performance Metrics

Description	2022	2023	2024	2025	2026	2027	Description	2022 Base	2022	2023	2024	2025	2026	2027
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency)</b>							
Stormwater Base Fee	0.00%	0.00%	3.85%	3.70%	3.57%	3.45%	Percent of Rate Revenues		(\$116,002)	(\$93,238)	(\$264,798)	(\$851,908)	(\$561,781)	(\$3,708)
Effective Month of Increase	October	October	October	October	October	October			-4.94%	-3.91%	-10.56%	-32.49%	-20.55%	-0.13%
Stormwater Assessment Fee	0.00%	0.00%	3.85%	3.70%	3.57%	3.45%	<b>Average Residential Bill:</b>							
Effective Month of Increase	October	October	October	October	October	October	Stormwater Base Fee	\$7.06	\$7.06	\$7.06	\$7.33	\$7.60	\$7.87	\$8.14
Combined Adjustment	N/A	0.00%	3.85%	3.70%	3.57%	3.45%	Stormwater Assessment Fee	\$5.94	\$5.94	\$5.94	\$6.17	\$6.40	\$6.63	\$6.86
Cumulative Adjustment	N/A	0.00%	3.85%	7.69%	11.54%	15.38%	Total Stormwater Bill	\$13.00	\$13.00	\$13.00	\$13.50	\$14.00	\$14.50	\$15.00
							Monthly Increase - Total	N/A	\$0.00	\$0.00	\$0.50	\$0.50	\$0.50	\$0.50

