

CITY OF  
**EDGEWATER**

**Water, Wastewater, Solid Waste, and Stormwater  
Utility Rate Study – Fiscal Year 2023 Update**

July 25, 2023

July 25, 2023

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 2023 Update**

Ladies and Gentlemen:

Raftelis Financial Consultants, Inc. (“Raftelis”) has completed our Fiscal Year 2023 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, 2022 through September 30, 2028 (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 2028.

### Summary of Previously Adopted and Proposed Rate Adjustments

Description	Fiscal Year Ending September 30,					
	2023 [1]	2024	2025	2026	2027	2028
Previously Recommended Rate Adjustments:						
Water and Wastewater Systems	0.00%	3.50%	3.50%	3.50%	3.50%	N/A
Solid Waste System:						
Collection Service	0.00%	8.75%	8.75%	8.75%	8.75%	N/A
Recycling Service	0.00%	8.75%	8.75%	8.75%	8.75%	N/A
Stormwater System	0.00%	3.85%	3.70%	3.57%	3.45%	N/A
Proposed Rate Adjustments:						
Water and Wastewater Systems	N/A	6.00%	6.00%	6.00%	6.00%	3.50%
Solid Waste System:						
Collection Service	N/A	8.25%	8.25%	8.25%	8.25%	5.00%
Recycling Service [2]	N/A	10.00%	10.00%	10.00%	10.00%	10.00%
Stormwater System	N/A	3.85%	3.70%	3.57%	3.45%	3.33%

[1] Water, wastewater, stormwater, and solid waste collection rates were held constant in Fiscal Year 2023. Recycling rates were adjusted by 16.6% as a direct passthrough of cost increases from the recycling provider.

[2] Recycling rates to be adjusted as a pass-through of cost increases from the service provider beginning Fiscal Year 2024.

As can be seen above, the proposed rate adjustments for the water and wastewater systems are generally not on plan with those presented in the previous rate study. The proposed shift in rate increases for the water and wastewater systems are primarily due to changes in operating costs, additional projected personnel, and the amount and timing of certain capital projects. The proposed rate adjustments are on plan for the stormwater system and generally on plan for the solid waste system. The change in the solid waste system adjustments relates to the desire to track the recycling rates directly to the change in the recycling provider's rates and collection rates based on the City's operating costs. That said, the overall increase is roughly a similar net impact to customers. 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 2023 UPDATE**

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UTILITY RATE STUDY – FISCAL YEAR 2023 UPDATE**

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# **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, 2022. In order to calculate projected revenues from existing rates for the Forecast Period, the existing Fiscal Year 2023 rates were applied to projected billing statistics. Based on discussions with City staff, baseline average annual growth in customers of approximately one percent (1.38%), beginning with 360 additional accounts per year and tapering down to 80 accounts per year by the end of the Forecast Period. Based on customer billing information provided by the City for Fiscal Year 2022, 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 \$13.6 million to \$14.4 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 \$690,000 per year and interest earnings on unrestricted fund balances are estimated to average approximately \$25,000 per year, over the Forecast Period.

## Operating and Maintenance Expenses

The Fiscal Year 2023 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 2023 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. Additionally, a onetime downward adjustment of \$500,000 was made to the Fiscal Year 2023 budget based on year-to-date actual spending to more accurately project expected operating and maintenance expenses. 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 2023 operating budget of \$24.8 million being adjusted down to approximately \$9.2 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 \$40,000 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 \$110,000 annually. Operation and maintenance expenses are projected to increase over the Forecast Period by an annual average of approximately 6.61% per year above Fiscal Year 2023 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 / Benefits – 6.00% Increase per Year
2. Health Insurance – 10.0% Increase per Year
3. Consumer Price Index (CPI) – 5.00% in Fiscal Years 2024 and 2025, 2.10% in Fiscal Year 2026, 2.00% in Fiscal Year 2027, and 2.20% in Fiscal Year 2028
4. Electricity – 8.68% in Fiscal Year 2024, 5.00% in Fiscal Year 2025, and 3.50% per Year for the remainder of the Forecast Period
5. Fuel – 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 2023 - 2028 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 3.75% per year, to account for estimated construction cost inflation over the Forecast Period. The CIP includes approximately \$48.0 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, grants, and proposed debt as shown on Table 1-13.

## Existing and Proposed Debt

Based on the debt service schedules for the revenue notes, SRF Loans, 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 approximately \$2.8 million in 2026, then decreasing back to approximately \$1.7 million in 2028. The decrease in 2027 and 2028 is associated with the payoff of the Series 2016 Note. 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 2024 and will be approximately \$801,000 annually. Payments for the proposed subordinate lien debts that will finance water and wastewater plant upgrades, watermain relocation, and reclaimed ponds are projected to begin in 2025 and will be approximately \$140,000, increasing to approximately \$331,000 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 14.0% of the prior year’s revenues and increases gradually to 15.0%, by 2025 and remains at 15% through the remainder of the Forecast Period. The amounts funded each year start at \$2.1 million in 2023 and increase to \$2.8 million by 2028 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 \$942,000 annually (starting at \$786,000 in 2023 and increasing to \$1.1 million by 2028), 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 \$121,000 per year is projected and funded in the rate plan to continue to maintain this reserve requirement level. Additionally, the City targets an operating fund ending cash balance of 90 days of rate revenue. The Operating Fund is projected to remain generally at the 90-

day target level throughout the Forecast Period (cash is projected to drop slightly below this metric in Fiscal Years 2026 and 2027 but projected to meet it again by 2028). 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 not be met during the forecast period an annual deposit into the fund is projected (as described in the section on Transfers found above) to build the reserve in accordance with the loan agreement terms. 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,					
	2023	2024	2025	2026	2027	2028
Adopted/Previously Recommended Rate Adjustments	0.00%	3.50%	3.50%	3.50%	3.50%	N/A
Proposed Water and Wastewater Rate Adjustments	N/A[1]	6.00%	6.00%	6.00%	6.00%	3.50%
System Revenue Surplus/(Deficiency) [2]	\$142,105	\$(625,153)	\$(737,530)	\$(736,189)	\$440,504	\$436,920
Operating Fund (Ending Balance) [3]	\$7,171,880	\$5,345,164	\$4,607,635	\$3,871,445	\$4,311,949	\$4,748,869
Days of Cash (Target of 45-90 Days of Rate Revenue) [3]	193	133	107	84	87	92
Renewal and Replacement Fund (Ending Balance) [3]	\$236,465	\$356,258	\$534,944	\$804,703	\$948,060	\$1,186,892
Charter Reserve Fund (Ending Balance)	\$1,646,039	\$1,767,518	\$1,888,997	\$2,010,476	\$2,131,954	\$2,253,433
Impact Fee Funds (Ending Balance)	\$4,891,112	\$5,968,022	\$5,920,529	\$4,842,671	\$5,135,523	\$4,434,351
Senior Lien Debt Service Coverage (Test 1.00)	1.23	1.13	1.13	1.14	1.24	1.26
Subordinate Lien Debt Service Coverage (Test 1.15)	6.66	5.16	4.63	4.22	5.81	6.18
All-In Debt Service Coverage (Target 1.50)	3.08	2.11	2.14	2.16	3.67	3.87

[1] Rates were held constant in Fiscal Year 2023.

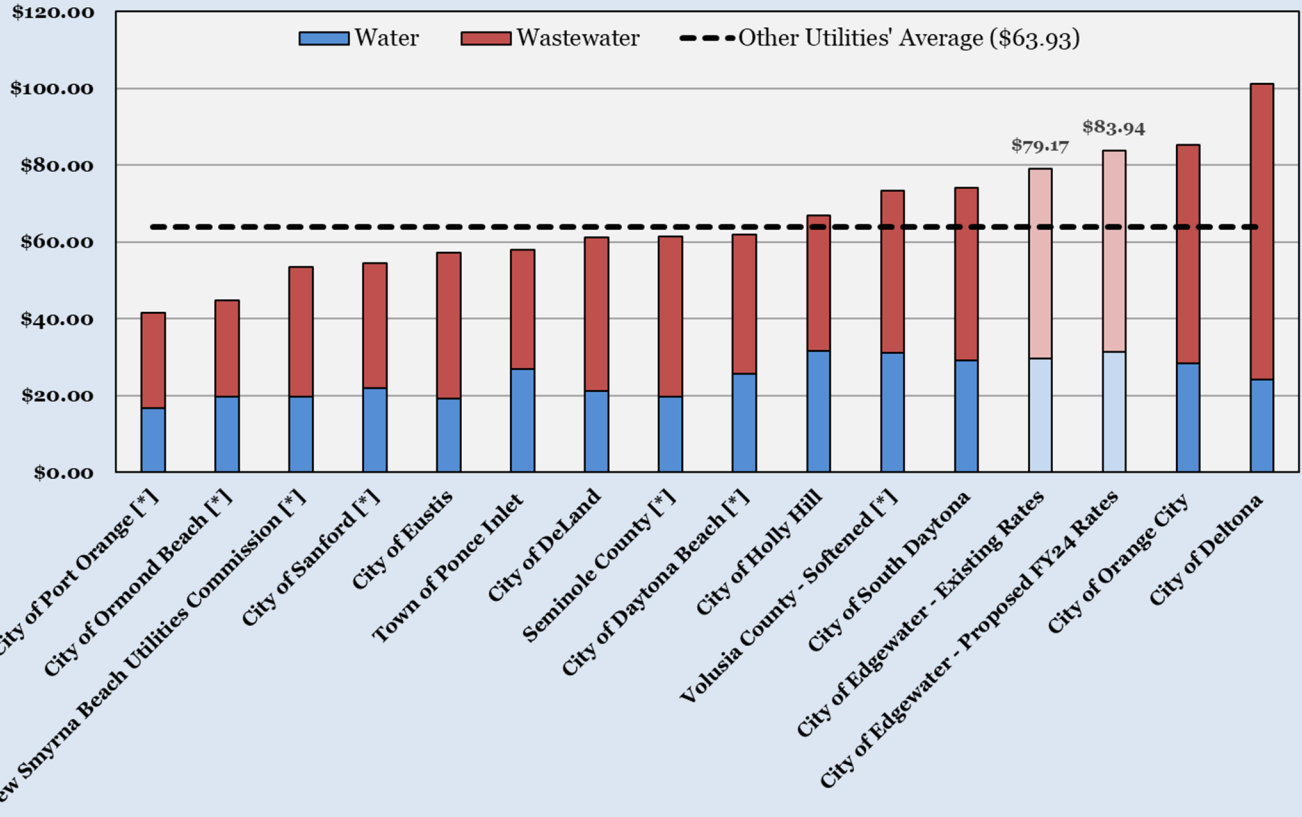
[2] As shown in Table 1-21.

[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 2024 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 1-1  
City of Edgewater, Florida  
Water and Wastewater Utility Rate Study**

**Summary of Historical and Projected Water Accounts and Sales**

Line No.	Description	Historical Fiscal Year Ended September 30,					Projected Fiscal Year Ending September 30,					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
<b>INSIDE THE CITY</b>												
<b><u>Residential Single Family</u></b>												
1	Annual Account Growth	(279)	55	52	170	259	355	293	200	150	100	75
2	Average Accounts Served During Year	9,453	9,507	9,560	9,730	9,989	10,344	10,637	10,837	10,987	11,087	11,162
3	Equivalent Residential Connections (ERCs)	9,459	9,514	9,573	9,745	10,004	10,359	10,652	10,852	11,002	11,102	11,177
4	Total Water Sales (000s Gallons)	367,956	364,606	362,281	359,426	363,193	376,079	386,714	393,974	399,419	403,049	405,771
5	Average Monthly Usage (000s Gallons)	3.2	3.2	3.2	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0
<b><u>Residential Multi Family</u></b>												
6	Annual Account Growth	(2)	(2)	1	2	(1)	0	0	0	0	0	0
7	Average Accounts Served During Year	50	48	49	51	50	50	50	50	50	50	50
8	Equivalent Residential Connections (ERCs)	132	130	130	135	133	133	133	133	133	133	133
9	Average Units Served During Year	N/A	N/A	617	616	614	614	614	614	614	614	614
10	Total Water Sales (000s Gallons)	19,258	18,430	15,619	16,293	20,447	20,447	20,447	20,447	20,447	20,447	20,447
11	Average Monthly Usage (000s Gallons)	12.1	11.9	10.0	10.0	12.8	12.8	12.8	12.8	12.8	12.8	12.8
<b><u>Commercial</u></b>												
12	Annual Account Growth	(8)	7	(1)	4	14	5	5	5	5	5	5
13	Average Accounts Served During Year	498	505	505	508	522	527	532	537	542	547	552
14	Equivalent Residential Connections (ERCs)	1,034	1,074	1,071	1,095	1,156	1,161	1,166	1,171	1,176	1,181	1,186
15	Total Water Sales (000s Gallons)	45,030	51,602	42,437	38,584	47,670	47,893	48,116	48,339	48,562	48,786	49,009
16	Average Monthly Usage (000s Gallons)	3.6	4.0	3.3	2.9	3.4	3.4	3.4	3.4	3.4	3.4	3.4
<b><u>Total Inside the City</u></b>												
17	Annual Account Growth	(288)	60	53	176	272	632	298	205	155	105	80
18	Average Accounts Served During Year	10,001	10,061	10,113	10,289	10,562	10,922	11,220	11,425	11,580	11,685	11,765
19	Equivalent Residential Connections (ERCs)	10,625	10,717	10,773	10,975	11,292	11,652	11,950	12,155	12,310	12,415	12,495
20	Total Water Sales (000s Gallons)	432,244	434,638	420,336	414,304	431,309	444,418	455,277	462,760	468,428	472,281	475,227
21	Average Monthly Usage (000s Gallons)	19.0	19.0	16.5	16.0	19.3	19.3	19.3	19.3	19.3	19.3	19.3
<b>OUTSIDE THE CITY</b>												
<b><u>Residential Single Family</u></b>												
22	Annual Account Growth	(14)	(1)	4	180	26	0	0	0	0	0	0
23	Average Accounts Served During Year	747	746	750	930	956	956	956	956	956	956	956
24	Equivalent Residential Connections (ERCs)	749	749	753	933	960	960	960	960	960	960	960
25	Total Water Sales (000s Gallons)	27,806	32,594	27,871	34,379	36,022	36,022	36,022	36,022	36,022	36,022	36,022
26	Average Monthly Usage (000s Gallons)	3.1	3.6	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
<b><u>Commercial</u></b>												
27	Annual Account Growth	(1)	1	0	2	(8)	0	0	0	0	0	0
28	Average Accounts Served During Year	4	6	6	8	0	0	0	0	0	0	0
29	Equivalent Residential Connections (ERCs)	5	6	6	8	0	0	0	0	0	0	0
30	Total Water Sales (000s Gallons)	286	359	296	443	0	0	0	0	0	0	0
31	Average Monthly Usage (000s Gallons)	4.5	5.4	4.1	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b><u>Volusia County</u></b>												
32	Annual Account Growth	0	0	0	0	0	0	0	0	0	0	0
33	Average Accounts Served During Year	1	1	1	1	1	1	1	1	1	1	1
34	Equivalent Residential Connections (ERCs)	80	80	80	80	80	80	80	80	80	80	80
35	Total Water Sales (000s Gallons)	125,542	143,250	142,873	133,341	135,624	135,624	135,624	135,624	135,624	135,624	135,624
36	Average Monthly Usage (000s Gallons)	130.8	149.2	148.8	138.9	141.3	141.3	141.3	141.3	141.3	141.3	141.3
<b><u>Total Outside the City</u></b>												
37	Annual Account Growth	(15)	1	4	182	18	0	0	0	0	0	0
38	Average Accounts Served During Year	752	753	757	939	957	957	957	957	957	957	957
39	Equivalent Residential Connections (ERCs)	834	835	839	1,021	1,040	1,040	1,040	1,040	1,040	1,040	1,040
40	Total Water Sales (000s Gallons)	153,634	176,203	171,040	168,162	171,646	171,646	171,646	171,646	171,646	171,646	171,646
41	Average Monthly Usage (000s Gallons)	138	158	156	147	144	144	144	144	144	144	144
<b>TOTAL RETAIL WATER SYSTEM</b>												
42	Annual Account Growth	(303)	61	57	358	290	360	298	205	155	105	80
43	Average Accounts Served During Year	10,753	10,814	10,871	11,229	11,519	11,879	12,177	12,382	12,537	12,642	12,722
44	Equivalent Residential Connections (ERCs)	11,459	11,552	11,612	11,996	12,332	12,692	12,990	13,195	13,350	13,455	13,535
45	Total Water Sales (000s Gallons)	585,878	610,842	591,376	582,466	602,955	616,064	626,923	634,406	640,074	643,927	646,873
46	Average Monthly Usage (000s Gallons)	4.3	4.4	4.2	4.0	4.1	4.0	4.0	4.0	4.0	4.0	4.0





**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,					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
<b>INSIDE THE CITY</b>												
<b><u>Residential Single Family</u></b>												
1	Base Charge Revenue	\$1,330,321	\$1,457,858	\$1,599,077	\$1,725,955	\$1,878,706	\$1,945,375	\$2,000,400	\$2,037,960	\$2,066,130	\$2,084,910	\$2,098,995
2	Usage Charge Revenue	1,670,382	1,800,980	1,939,939	2,045,597	2,165,153	2,241,931	2,305,300	2,348,555	2,380,997	2,402,624	2,418,845
3	<b>Total Residential Single Family</b>	<b>\$3,000,704</b>	<b>\$3,258,838</b>	<b>\$3,539,016</b>	<b>\$3,771,552</b>	<b>\$4,043,859</b>	<b>\$4,187,306</b>	<b>\$4,305,700</b>	<b>\$4,386,515</b>	<b>\$4,447,127</b>	<b>\$4,487,534</b>	<b>\$4,517,840</b>
<b><u>Residential Multi Family</u></b>												
4	Base Charge Revenue	\$64,701	\$70,320	\$78,779	\$83,410	\$88,134	\$88,134	\$88,134	\$88,134	\$88,134	\$88,134	\$88,134
5	Usage Charge Revenue	42,976	73,677	56,955	66,271	110,512	110,512	110,512	110,512	110,512	110,512	110,512
6	<b>Total Residential Multi Family</b>	<b>\$107,677</b>	<b>\$143,997</b>	<b>\$135,733</b>	<b>\$149,681</b>	<b>\$198,646</b>	<b>\$198,646</b>	<b>\$198,646</b>	<b>\$198,646</b>	<b>\$198,646</b>	<b>\$198,646</b>	<b>\$198,646</b>
<b><u>Commercial</u></b>												
7	Base Charge Revenue	\$145,767	\$165,257	\$179,383	\$194,503	\$218,116	\$219,055	\$219,994	\$220,933	\$221,872	\$222,811	\$223,750
8	Usage Charge Revenue	292,068	374,911	318,076	293,301	415,212	417,203	419,194	421,184	423,175	425,166	427,157
9	<b>Total Commercial</b>	<b>\$437,836</b>	<b>\$540,167</b>	<b>\$497,459</b>	<b>\$487,804</b>	<b>\$633,328</b>	<b>\$636,258</b>	<b>\$639,188</b>	<b>\$642,118</b>	<b>\$645,048</b>	<b>\$647,978</b>	<b>\$650,908</b>
<b>Total Inside the City Water Revenues</b>												
10	Base Charge Revenue	\$1,540,789	\$1,693,434	\$1,857,238	\$2,003,868	\$2,184,956	\$2,252,564	\$2,308,528	\$2,347,027	\$2,376,136	\$2,395,855	\$2,410,879
11	Usage Charge Revenue	2,005,427	2,249,568	2,314,969	2,405,169	2,690,877	2,769,646	2,835,006	2,880,252	2,914,684	2,938,303	2,956,514
12	<b>Total Inside the City Water Revenues</b>	<b>\$3,546,216</b>	<b>\$3,943,003</b>	<b>\$4,172,208</b>	<b>\$4,409,037</b>	<b>\$4,875,833</b>	<b>\$5,022,210</b>	<b>\$5,143,534</b>	<b>\$5,227,279</b>	<b>\$5,290,821</b>	<b>\$5,334,158</b>	<b>\$5,367,394</b>
<b>OUTSIDE THE CITY</b>												
<b><u>Residential Single Family</u></b>												
13	Base Charge Revenue	\$131,630	\$143,539	\$157,299	\$206,668	\$225,224	\$225,224	\$225,224	\$225,224	\$225,224	\$225,224	\$225,224
14	Usage Charge Revenue	171,404	249,865	197,214	257,644	289,570	289,570	289,570	289,570	289,570	289,570	289,570
15	<b>Total Residential Single Family</b>	<b>\$303,034</b>	<b>\$393,404</b>	<b>\$354,513</b>	<b>\$464,312</b>	<b>\$514,794</b>	<b>\$514,794</b>	<b>\$514,794</b>	<b>\$514,794</b>	<b>\$514,794</b>	<b>\$514,794</b>	<b>\$514,794</b>
<b><u>Commercial</u></b>												
16	Base Charge Revenue	\$932	\$1,070	\$1,254	\$1,734	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17	Usage Charge Revenue	2,478	3,370	2,992	4,719	0	0	0	0	0	0	0
18	<b>Total Commercial</b>	<b>\$3,410</b>	<b>\$4,440</b>	<b>\$4,246</b>	<b>\$6,453</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b><u>Volusia County</u></b>												
19	Base Charge Revenue	\$333	\$333	\$333	\$333	\$333	\$333	\$333	\$333	\$333	\$333	\$333
20	Usage Charge Revenue	569,961	683,303	715,794	701,374	713,382	713,382	713,382	713,382	713,382	713,382	713,382
21	<b>Total Volusia County</b>	<b>\$570,294</b>	<b>\$683,635</b>	<b>\$716,127</b>	<b>\$701,707</b>	<b>\$713,715</b>	<b>\$713,715</b>	<b>\$713,715</b>	<b>\$713,715</b>	<b>\$713,715</b>	<b>\$713,715</b>	<b>\$713,715</b>
<b>Total Outside the City Water Revenues</b>												
22	Base Charge Revenue	\$132,895	\$144,942	\$158,886	\$208,735	\$225,557	\$225,557	\$225,557	\$225,557	\$225,557	\$225,557	\$225,557
23	Usage Charge Revenue	743,843	936,538	916,000	963,737	1,002,952	1,002,952	1,002,952	1,002,952	1,002,952	1,002,952	1,002,952
24	<b>Total Outside the City Water Revenues</b>	<b>\$876,738</b>	<b>\$1,081,480</b>	<b>\$1,074,886</b>	<b>\$1,172,472</b>	<b>\$1,228,509</b>	<b>\$1,228,509</b>	<b>\$1,228,509</b>	<b>\$1,228,509</b>	<b>\$1,228,509</b>	<b>\$1,228,509</b>	<b>\$1,228,509</b>
<b>Total Retail Water Revenues</b>												
25	Base Charge Revenue	\$1,673,684	\$1,838,376	\$2,016,124	\$2,212,603	\$2,410,513	\$2,478,121	\$2,534,085	\$2,572,584	\$2,601,693	\$2,621,412	\$2,636,436
26	Usage Charge Revenue	2,749,270	3,186,106	3,230,969	3,368,906	3,693,829	3,772,598	3,837,958	3,883,204	3,917,636	3,941,255	3,959,466
27	Revenue Adjustment = -2.50%	(132,689)	(149,881)	(157,413)	(111,630)	(152,609)	(156,268)	(159,301)	(161,395)	(162,983)	(164,067)	(164,898)
28	<b>Total Retail Water Revenues</b>	<b>\$4,290,265</b>	<b>\$4,874,601</b>	<b>\$5,089,680</b>	<b>\$5,469,879</b>	<b>\$5,951,733</b>	<b>\$6,094,451</b>	<b>\$6,212,742</b>	<b>\$6,294,393</b>	<b>\$6,356,346</b>	<b>\$6,398,600</b>	<b>\$6,431,005</b>
29	<b>Total Rate Revenues</b>	<b>\$4,290,265</b>	<b>\$4,874,601</b>	<b>\$5,089,680</b>	<b>\$5,469,879</b>	<b>\$5,951,733</b>	<b>\$6,094,451</b>	<b>\$6,212,742</b>	<b>\$6,294,393</b>	<b>\$6,356,346</b>	<b>\$6,398,600</b>	<b>\$6,431,005</b>



**Table 1-5  
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,					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
<b>INSIDE THE CITY</b>												
<b><u>Residential Single Family</u></b>												
1	Base Charge Revenue	\$1,899,220	\$2,076,676	\$2,272,884	\$2,440,708	\$2,654,005	\$2,750,664	\$2,830,442	\$2,884,898	\$2,925,740	\$2,952,968	\$2,973,389
2	Usage Charge Revenue	2,420,078	2,539,193	2,828,762	2,972,838	3,178,736	3,294,512	3,390,069	3,455,295	3,504,215	3,536,828	3,561,288
3	Total Residential Single Family	\$4,319,298	\$4,615,869	\$5,101,646	\$5,413,547	\$5,832,740	\$6,045,176	\$6,220,511	\$6,340,193	\$6,429,955	\$6,489,796	\$6,534,677
<b><u>Residential Multi Family</u></b>												
4	Base Charge Revenue	\$96,887	\$105,619	\$112,245	\$118,829	\$125,495	\$125,495	\$125,495	\$125,495	\$125,495	\$125,495	\$125,495
5	Usage Charge Revenue	128,499	130,769	124,169	137,143	182,793	182,793	182,793	182,793	182,793	182,793	182,793
6	Total Residential Multi Family	\$225,386	\$236,387	\$236,414	\$255,972	\$308,288	\$308,288	\$308,288	\$308,288	\$308,288	\$308,288	\$308,288
<b><u>Commercial</u></b>												
7	Base Charge Revenue	\$179,289	\$198,008	\$224,566	\$243,622	\$263,838	\$265,199	\$266,560	\$267,922	\$269,283	\$270,645	\$272,006
8	Usage Charge Revenue	263,984	287,945	293,741	278,379	359,316	361,244	363,171	365,099	367,027	368,954	370,882
9	Total Commercial	\$443,273	\$485,953	\$518,307	\$522,000	\$623,154	\$626,443	\$629,732	\$633,021	\$636,310	\$639,599	\$642,888
<b>Total Inside the City Wastewater Revenues</b>												
10	Base Charge Revenue	\$2,175,396	\$2,380,302	\$2,609,695	\$2,803,159	\$3,043,338	\$3,141,358	\$3,222,498	\$3,278,315	\$3,320,519	\$3,349,108	\$3,370,890
11	Usage Charge Revenue	2,812,562	2,957,907	3,246,672	3,388,360	3,720,844	3,838,548	3,936,032	4,003,186	4,054,034	4,088,575	4,114,962
12	Total Inside the City Wastewater Revenues	\$4,987,957	\$5,338,209	\$5,856,367	\$6,191,520	\$6,764,182	\$6,979,907	\$7,158,530	\$7,281,502	\$7,374,552	\$7,437,683	\$7,485,853
<b>OUTSIDE THE CITY</b>												
<b><u>Residential Single Family</u></b>												
13	Base Charge Revenue	\$76,806	\$83,469	\$92,908	\$112,537	\$122,515	\$122,515	\$122,515	\$122,515	\$122,515	\$122,515	\$122,515
14	Usage Charge Revenue	67,141	70,785	83,229	99,894	113,357	113,356	113,356	113,356	113,356	113,356	113,356
15	Total Residential Single Family	\$143,947	\$154,253	\$176,137	\$212,431	\$235,873	\$235,872	\$235,872	\$235,872	\$235,872	\$235,872	\$235,872
<b><u>Commercial</u></b>												
16	Base Charge Revenue	\$0	\$834	\$1,085	\$1,284	\$1,361	\$1,361	\$1,361	\$1,361	\$1,361	\$1,361	\$1,361
17	Usage Charge Revenue	0	492	1,454	3,433	6,195	6,195	6,195	6,195	6,195	6,195	6,195
18	Total Commercial	\$0	\$1,325	\$2,539	\$4,717	\$7,557	\$7,557	\$7,557	\$7,557	\$7,557	\$7,557	\$7,557
<b>Total Outside the City Water Revenues</b>												
19	Base Charge Revenue	\$76,806	\$84,302	\$93,994	\$113,821	\$123,876	\$123,876	\$123,876	\$123,876	\$123,876	\$123,876	\$123,876
20	Usage Charge Revenue	67,141	71,276	84,682	103,327	119,553	119,552	119,552	119,552	119,552	119,552	119,552
21	Total Total Outside the City Water Revenues	\$143,947	\$155,579	\$178,676	\$217,148	\$243,429	\$243,428	\$243,428	\$243,428	\$243,428	\$243,428	\$243,428
<b>Total Wastewater Revenues</b>												
22	Base Charge Revenue	2,252,202	2,464,605	2,703,689	2,916,980	3,167,214	3,265,235	3,346,374	3,402,192	3,444,395	3,472,985	3,494,767
23	Usage Charge Revenue	2,879,703	3,029,183	3,331,354	3,491,687	3,840,397	3,958,100	4,055,584	4,122,738	4,173,585	4,208,126	4,234,514
24	Revenue Adjustment - -2.00%	0	0	0	0	(140,152)	(144,467)	(148,039)	(150,499)	(152,360)	(153,622)	(154,586)
25	Total Wastewater Revenues	\$5,131,904	\$5,493,788	\$6,035,042	\$6,408,668	\$6,867,459	\$7,078,868	\$7,253,919	\$7,374,431	\$7,465,621	\$7,527,488	\$7,574,695
26	Total Rate Revenues	\$5,131,904	\$5,493,788	\$6,035,042	\$6,408,668	\$6,867,459	\$7,078,868	\$7,253,919	\$7,374,431	\$7,465,621	\$7,527,488	\$7,574,695

**Table 1-6  
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,					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
<b>INSIDE THE CITY</b>												
<b><u>Residential Single Family</u></b>												
1	Base Charge Revenue	\$342,319	\$346,902	\$351,108	\$355,870	\$384,187	\$396,157	\$405,847	\$412,687	\$417,817	\$421,237	\$423,517
2	Usage Charge Revenue	14,237	0	0	0	0	0	0	0	0	0	0
3	<b>Total Residential Single Family</b>	<b>\$356,556</b>	<b>\$346,902</b>	<b>\$351,108</b>	<b>\$355,870</b>	<b>\$384,187</b>	<b>\$396,157</b>	<b>\$405,847</b>	<b>\$412,687</b>	<b>\$417,817</b>	<b>\$421,237</b>	<b>\$423,517</b>
<b><u>Residential Multi Family</u></b>												
4	Base Charge Revenue	\$217	\$217	\$228	\$228	\$228	\$228	\$228	\$228	\$228	\$228	\$228
5	Usage Charge Revenue	0	0	0	0	0	0	0	0	0	0	0
6	<b>Total Residential Multi Family</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>\$228</b>
<b><u>Commercial</u></b>												
7	Base Charge Revenue	\$5,130	\$6,042	\$6,270	\$5,871	\$9,918	\$9,918	\$9,918	\$9,918	\$9,918	\$9,918	\$9,918
8	Usage Charge Revenue	0	0	0	0	0	0	0	0	0	0	0
8	Additional Acreage Charges	3,404	3,648	3,648	3,648	0	0	0	0	0	0	0
9	<b>Total Commercial</b>	<b>\$8,534</b>	<b>\$9,690</b>	<b>\$9,918</b>	<b>\$9,519</b>	<b>\$9,918</b>	<b>\$9,918</b>	<b>\$9,918</b>	<b>\$9,918</b>	<b>\$9,918</b>	<b>\$9,918</b>	<b>\$9,918</b>
<b>Total Inside the City Reclaimed Water Revenues</b>												
10	Base Charge Revenue	\$347,666	\$353,161	\$357,606	\$361,969	\$394,333	\$406,303	\$415,993	\$422,833	\$427,963	\$431,383	\$433,663
11	Usage Charge Revenue	14,237	0	0	0	0	0	0	0	0	0	0
12	Additional Acreage Charges	3,404	3,648	3,648	3,648	0	0	0	0	0	0	0
13	<b>Total Total Inside the City Reclaimed Water Revenues</b>	<b>\$365,307</b>	<b>\$356,809</b>	<b>\$361,254</b>	<b>\$365,617</b>	<b>\$394,333</b>	<b>\$406,303</b>	<b>\$415,993</b>	<b>\$422,833</b>	<b>\$427,963</b>	<b>\$431,383</b>	<b>\$433,663</b>
<b>OUTSIDE THE CITY</b>												
<b><u>Residential Single Family</u></b>												
14	Base Charge Revenue	\$0	\$0	\$0	\$0	\$76	\$76	\$76	\$76	\$76	\$76	\$76
15	Usage Charge Revenue	0	0	0	0	0	0	0	0	0	0	0
16	<b>Total Residential Single Family</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$76</b>	<b>\$76</b>	<b>\$76</b>	<b>\$76</b>	<b>\$76</b>	<b>\$76</b>	<b>\$76</b>
<b>Total Outside the City Water Revenues</b>												
17	Base Charge Revenue	\$0	\$0	\$0	\$0	\$76	\$76	\$76	\$76	\$76	\$76	\$76
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>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$76</b>	<b>\$76</b>	<b>\$76</b>	<b>\$76</b>	<b>\$76</b>	<b>\$76</b>	<b>\$76</b>
<b>Total Reclaimed Water Revenues</b>												
21	Base Charge Revenue	\$347,666	\$353,161	\$357,606	\$361,969	\$394,409	\$406,379	\$416,069	\$422,909	\$428,039	\$431,459	\$433,739
22	Usage Charge Revenue	14,237	0	0	0	0	0	0	0	0	0	0
23	Additional Acreage Charges	3,404	3,648	3,648	3,648	0	0	0	0	0	0	0
24	Revenue Adjustment - 0.00%	0	0	0	0	0	0	0	0	0	0	0
25	<b>Total Total Reclaimed Water Revenues</b>	<b>\$365,307</b>	<b>\$356,809</b>	<b>\$361,254</b>	<b>\$365,617</b>	<b>\$394,409</b>	<b>\$406,379</b>	<b>\$416,069</b>	<b>\$422,909</b>	<b>\$428,039</b>	<b>\$431,459</b>	<b>\$433,739</b>
26	<b>Total Rate Revenues</b>	<b>\$365,307</b>	<b>\$356,809</b>	<b>\$361,254</b>	<b>\$365,617</b>	<b>\$394,409</b>	<b>\$406,379</b>	<b>\$416,069</b>	<b>\$422,909</b>	<b>\$428,039</b>	<b>\$431,459</b>	<b>\$433,739</b>

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

**Allocation of Fiscal Year 2023 Operating Budget [1]**

Line No.	Cost Center Code	Description	Budget		Adjusted 2023	Allocation Factor	Allocation Percentages		Allocated Amounts	
			2023	Adjustments			Water	Wastewater	Water	Wastewater
<b>440-4010-539 Administration Department</b>										
1	440-4010-539.12-10	Regular Salaries	\$286,041	\$0	\$286,041	Adm Salary	42.21%	57.79%	\$120,731	\$165,310
2	AddPerAdmin	Additional Personnel	0	0	0	Input	0.00%	0.00%	0	0
3	440-4010-539.14-10	Overtime	541	0	541	Adm Salary	42.21%	57.79%	228	313
4	440-4010-539.15-30	Cell Phone	2,400	0	2,400	Adm Salary	42.21%	57.79%	1,013	1,387
5	440-4010-539.15-60	Boot Allowance	450	0	450	Adm Salary	42.21%	57.79%	190	260
6	440-4010-539.21-10	FICA Taxes	17,645	0	17,645	Adm Salary	42.21%	57.79%	7,447	10,198
7	440-4010-539.21-20	Medicare	4,127	0	4,127	Adm Salary	42.21%	57.79%	1,742	2,385
8	440-4010-539.22-10	Retirement Contributions	0	0	0	Adm Salary	42.21%	57.79%	0	0
9	440-4010-539.22-20	DCSE	34,325	0	34,325	Adm Salary	42.21%	57.79%	14,488	19,837
10	440-4010-539.23-10	Life Insurance	1,318	0	1,318	Adm Salary	42.21%	57.79%	556	762
11	440-4010-539.23-20	Group Medical Insurance	62,938	0	62,938	Adm Salary	42.21%	57.79%	26,565	36,373
12	440-4010-539.23-21	HSA Employer Contribution	7,400	0	7,400	Adm Salary	42.21%	57.79%	3,123	4,277
13	440-4010-539.23-22	HRA Employer Contribution	500	0	500	Adm Salary	42.21%	57.79%	211	289
14	440-4010-539.23-30	Dental Insurance	2,311	0	2,311	Adm Salary	42.21%	57.79%	975	1,336
15	440-4010-539.23-40	Long Term Disability	2,358	0	2,358	Adm Salary	42.21%	57.79%	995	1,363
16	440-4010-539.23-60	Broker & Admin. Fees	1,610	0	1,610	Adm Salary	42.21%	57.79%	680	930
17	440-4010-539.23-90	OPEB Expense	0	0	0	Adm Salary	42.21%	57.79%	0	0
18	440-4010-539.24-10	Worker's Compensation	451	0	451	Adm Salary	42.21%	57.79%	190	261
19		Subtotal Personnel Expenses	\$424,415	\$0	\$424,415		42.21%	57.79%	\$179,135	\$245,280
<b>Operating Expenses</b>										
20	440-4010-539.31-10	Professional Services	\$0	\$0	\$0	Adm Salary	42.21%	57.79%	\$0	\$0
20	440-4010-539.34-10	Other Contractual Service	4,173	0	4,173	Adm Salary	42.21%	57.79%	1,761	2,412
21	440-4010-539.40-10	Travel & Per Diem	4,100	0	4,100	Adm Salary	42.21%	57.79%	1,731	2,369
22	440-4010-539.41-10	Telephone / Cellular	560	0	560	Adm Salary	42.21%	57.79%	236	324
23	440-4010-539.41-20	Internet / VOIP / Network	3,800	0	3,800	Adm Salary	42.21%	57.79%	1,604	2,196
24	440-4010-539.41-40	Postage	0	0	0	Adm Salary	42.21%	57.79%	0	0
25	440-4010-539.43-10	Electric	1,157	0	1,157	Adm Salary	42.21%	57.79%	488	669
26	440-4010-539.46-10	Repair & Maintenance	2,250	0	2,250	Adm Salary	42.21%	57.79%	950	1,300
27	440-4010-539.46-20	Fleet Charges	1,637	0	1,637	Adm Salary	42.21%	57.79%	691	946
28	440-4010-539.47-20	Copier	6,600	0	6,600	Adm Salary	42.21%	57.79%	2,786	3,814
29	440-4010-539.49-01	Cost Allocation [2]	773,873	0	773,873	Adm Salary	42.21%	57.79%	326,632	447,241
30	440-4010-539.49-10	Other Charges/Obligations	15,200	0	15,200	Adm Salary	42.21%	57.79%	6,416	8,784
31	440-4010-539.49-40	PILOFF Water & Sewer [3]	377,764	(377,764)	0	Adm Salary	42.21%	57.79%	0	0
32	440-4010-539.51-10	Office Supplies	1,500	0	1,500	Adm Salary	42.21%	57.79%	633	867
33	440-4010-539.52-10	Operating Supplies	3,000	0	3,000	Adm Salary	42.21%	57.79%	1,266	1,734
34	440-4010-539.52-20	Unleaded & Diesel	1,122	0	1,122	Adm Salary	42.21%	57.79%	474	648
35	440-4010-539.52-30	Uniforms	2,300	0	2,300	Adm Salary	42.21%	57.79%	971	1,329
36	440-4010-539.54-10	Books, Pubs, Subs, & Mem	8,556	0	8,556	Adm Salary	42.21%	57.79%	3,611	4,945
37	440-4010-539.54-20	Educational Development	4,400	0	4,400	Adm Salary	42.21%	57.79%	1,857	2,543
38		Subtotal Operating Expenses	\$1,211,992	(\$377,764)	\$834,228		42.21%	57.79%	\$352,106	\$482,122
39		Total Administration Department	\$1,636,407	(\$377,764)	\$1,258,643		42.21%	57.79%	\$531,241	\$727,402
<b>440-4030-533 Water Department</b>										
40	440-4030-533.12-10	Regular Salaries	\$641,564	\$0	\$641,564	Direct-W	100.00%	0.00%	\$641,564	\$0
41	AddPerWater	Additional Personnel	0	0	0	Input	0.00%	0.00%	0	0
42	440-4030-533.12-20	DC ICMA	16,848	0	16,848	Direct-W	100.00%	0.00%	16,848	0
43	440-4030-533.14-10	Overtime / Other Salaries	19,531	0	19,531	Direct-W	100.00%	0.00%	19,531	0
44	440-4030-533.15-30	Cell Phone	1,200	0	1,200	Direct-W	100.00%	0.00%	1,200	0
45	440-4030-533.15-60	Boot Allowance	1,650	0	1,650	Direct-W	100.00%	0.00%	1,650	0
46	440-4030-533.21-10	FICA Taxes	36,136	0	36,136	Direct-W	100.00%	0.00%	36,136	0
47	440-4030-533.21-20	Medicare	8,451	0	8,451	Direct-W	100.00%	0.00%	8,451	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	52,650	0	52,650	Direct-W	100.00%	0.00%	52,650	0
50	440-4030-533.23-10	Life Insurance	2,657	0	2,657	Direct-W	100.00%	0.00%	2,657	0
51	440-4030-533.23-20	Group Medical Insurance	134,951	0	134,951	Direct-W	100.00%	0.00%	134,951	0
52	440-4030-533.23-21	HSA Employer Contribution	12,700	0	12,700	Direct-W	100.00%	0.00%	12,700	0
53	440-4030-533.23-22	HRA Employer Contribution	1,000	0	1,000	Direct-W	100.00%	0.00%	1,000	0
54	440-4030-533.23-30	Dental Insurance	3,370	0	3,370	Direct-W	100.00%	0.00%	3,370	0
55	440-4030-533.23-40	Long Term Disability	4,755	0	4,755	Direct-W	100.00%	0.00%	4,755	0
56	440-4030-533.23-60	Broker & Admin. Fees	3,507	0	3,507	Direct-W	100.00%	0.00%	3,507	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	18,711	0	18,711	Direct-W	100.00%	0.00%	18,711	0
59		Subtotal Personnel Expenses	\$959,681	\$0	\$959,681		100.00%	0.00%	\$959,681	\$0
<b>Operating Expenses</b>										
60	440-4030-533.31-10	Professional Services	\$20,630	\$0	\$20,630	Direct-W	100.00%	0.00%	\$20,630	\$0
61	440-4030-533.34-10	Other Contractual Service	119,400	0	119,400	Direct-W	100.00%	0.00%	119,400	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	1,150	0	1,150	Direct-W	100.00%	0.00%	1,150	0
64	440-4030-533.41-10	Telephone	280	0	280	Direct-W	100.00%	0.00%	280	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	997	0	997	Direct-W	100.00%	0.00%	997	0
67	440-4030-533.41-20	Internet / VOIP / Network	6,500	0	6,500	Direct-W	100.00%	0.00%	6,500	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	13,680	0	13,680	Direct-W	100.00%	0.00%	13,680	0
70	440-4030-533.43-10	Electric	164,946	0	164,946	Direct-W	100.00%	0.00%	164,946	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 2023 Operating Budget [1]**

Line No.	Cost Center Code	Description	Budget		Adjusted 2023	Allocation Factor	Allocation Percentages		Allocated Amounts	
			2023	Adjustments			Water	Wastewater	Water	Wastewater
72	440-4030-533.46-10	Repair & Maintenance	81,000	0	81,000	Direct-W	100.00%	0.00%	81,000	0
73	440-4030-533.46-20	Fleet Charges	3,275	0	3,275	Direct-W	100.00%	0.00%	3,275	0
74	440-4030-533.47-10	Printing & Binding	4,800	0	4,800	Direct-W	100.00%	0.00%	4,800	0
75	440-4030-533.47-20	Copier	1,100	0	1,100	Direct-W	100.00%	0.00%	1,100	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]	188,599	0	188,599	Direct-W	100.00%	0.00%	188,599	0
78	440-4030-533.49-10	Other Charges/Obligations	17,800	0	17,800	Direct-W	100.00%	0.00%	17,800	0
79	440-4030-533.49-40	PILOFF Water & Sewer [3]	132,687	(132,687)	0	Direct-W	100.00%	0.00%	0	0
80	440-4030-533.51-10	Office Supplies	500	0	500	Direct-W	100.00%	0.00%	500	0
81	440-4030-533.52-10	Operating Supplies	34,654	0	34,654	Direct-W	100.00%	0.00%	34,654	0
82	440-4030-533.52-20	Unleaded & Diesel	4,456	0	4,456	Direct-W	100.00%	0.00%	4,456	0
83	440-4030-533.52-25	Bulk Fuel	10,000	0	10,000	Direct-W	100.00%	0.00%	10,000	0
84	440-4030-533.52-30	Uniforms	2,600	0	2,600	Direct-W	100.00%	0.00%	2,600	0
85	440-4030-533.52-50	Chemical	546,225	0	546,225	Direct-W	100.00%	0.00%	546,225	0
86	440-4030-533.54-10	Books, Pubs, Subs, & Mem	900	0	900	Direct-W	100.00%	0.00%	900	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	\$1,366,009	(\$132,687)	\$1,233,322		100.00%	0.00%	\$1,233,322	\$0
89		Total Water Department	\$2,325,690	(\$132,687)	\$2,193,003		100.00%	0.00%	\$2,193,003	\$0
	440-4040-535	<b><u>Wastewater Department</u></b>								
90	440-4040-535.12-10	Regular Salaries	\$844,281	\$0	\$844,281	Direct-S	0.00%	100.00%	\$0	\$844,281
91	440-4040-535.12-10	AddPerWastewater	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	54,246	0	54,246	Direct-S	0.00%	100.00%	0	54,246
94	440-4040-535.15-30	Cell Phone	1,924	0	1,924	Direct-S	0.00%	100.00%	0	1,924
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	1,950	0	1,950	Direct-S	0.00%	100.00%	0	1,950
97	440-4040-535.21-10	FICA Taxes	48,575	0	48,575	Direct-S	0.00%	100.00%	0	48,575
98	440-4040-535.21-20	Medicare	11,361	0	11,361	Direct-S	0.00%	100.00%	0	11,361
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	91,957	0	91,957	Direct-S	0.00%	100.00%	0	91,957
101	440-4040-535.23-10	Life Insurance	3,524	0	3,524	Direct-S	0.00%	100.00%	0	3,524
102	440-4040-535.23-20	Group Medical Insurance	169,032	0	169,032	Direct-S	0.00%	100.00%	0	169,032
103	440-4040-535.23-21	HSA Employer Contribution	11,100	0	11,100	Direct-S	0.00%	100.00%	0	11,100
104	440-4040-535.23-22	HRA Employer Contribution	1,500	0	1,500	Direct-S	0.00%	100.00%	0	1,500
105	440-4040-535.23-30	Dental Insurance	5,219	0	5,219	Direct-S	0.00%	100.00%	0	5,219
106	440-4040-535.23-40	Long Term Disability	6,306	0	6,306	Direct-S	0.00%	100.00%	0	6,306
107	440-4040-535.23-60	Broker & Admin. Fees	3,657	0	3,657	Direct-S	0.00%	100.00%	0	3,657
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	21,340	0	21,340	Direct-S	0.00%	100.00%	0	21,340
110		Subtotal Personnel Expenses	\$1,275,972	\$0	\$1,275,972		0.00%	100.00%	\$0	\$1,275,972
		<b><u>Operating Expenses</u></b>								
111	440-4040-535.31-10	Professional Services	\$60,782	\$0	\$60,782	Direct-S	0.00%	100.00%	\$0	\$60,782
112	440-4040-535.34-10	Other Contractual Service	282,061	0	282,061	Direct-S	0.00%	100.00%	0	282,061
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	15	0	15	Direct-S	0.00%	100.00%	0	15
116	440-4040-535.41-20	Internet / VOIP / Network	1,150	0	1,150	Direct-S	0.00%	100.00%	0	1,150
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	13,680	0	13,680	Direct-S	0.00%	100.00%	0	13,680
119	440-4040-535.43-10	Electric	200,459	0	200,459	Direct-S	0.00%	100.00%	0	200,459
120	440-4040-535.43-30	Water / Sewer / Trash	22,157	0	22,157	Direct-S	0.00%	100.00%	0	22,157
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	220,000	0	220,000	Direct-S	0.00%	100.00%	0	220,000
123	440-4040-535.46-20	Fleet Charges	5,464	0	5,464	Direct-S	0.00%	100.00%	0	5,464
124	440-4040-535.47-10	Printing & Binding	4,300	0	4,300	Direct-S	0.00%	100.00%	0	4,300
125	440-4040-535.47-20	Copier	2,400	0	2,400	Direct-S	0.00%	100.00%	0	2,400
126	440-4040-535.48-10	Promotional Activities	2,200	0	2,200	Direct-S	0.00%	100.00%	0	2,200
127	440-4040-535.49-01	Cost Allocation [2]	171,120	0	171,120	Direct-S	0.00%	100.00%	0	171,120
128	440-4040-535.49-10	Other Charges/Obligations	1,400	0	1,400	Direct-S	0.00%	100.00%	0	1,400
129	440-4040-535.49-40	PILOFF Water & Sewer [3]	137,562	(137,562)	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	55,000	0	55,000	Direct-S	0.00%	100.00%	0	55,000
132	440-4040-535.52-20	Unleaded & Diesel	3,791	0	3,791	Direct-S	0.00%	100.00%	0	3,791
133	440-4040-535.52-25	Bulk Fuel	6,000	0	6,000	Direct-S	0.00%	100.00%	0	6,000
134	440-4040-535.52-30	Uniforms	3,025	0	3,025	Direct-S	0.00%	100.00%	0	3,025
135	440-4040-535.52-50	Chemical	207,000	0	207,000	Direct-S	0.00%	100.00%	0	207,000
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	\$1,416,866	(\$137,562)	\$1,279,304		0.00%	100.00%	\$0	\$1,279,304
139		Total Wastewater Department	\$2,692,838	(\$137,562)	\$2,555,276		0.00%	100.00%	\$0	\$2,555,276
	440-4050-539	<b><u>Wastewater Collections</u></b>								
140	440-4050-539.12-10	Regular Salaries	\$280,654	\$0	\$280,654	Direct-S	0.00%	100.00%	\$0	\$280,654
141	440-4050-539.12-10	AddPerCollections	0	0	0	Input	0.00%	0.00%	0	0
142	440-4050-539.14-10	Overtime	32,552	0	32,552	Direct-S	0.00%	100.00%	0	32,552
143	440-4050-539.15-30	Cell Phone	873	0	873	Direct-S	0.00%	100.00%	0	873

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

**Allocation of Fiscal Year 2023 Operating Budget [1]**

Line No.	Cost Center Code	Description	Budget		Adjusted 2023	Allocation Factor	Allocation Percentages		Allocated Amounts	
			2023	Adjustments			Water	Wastewater	Water	Wastewater
144	440-4050-539.15-60	Boot Allowance	1,050	0	1,050	Direct-S	0.00%	100.00%	0	1,050
145	440-4050-539.21-10	FICA Taxes	16,939	0	16,939	Direct-S	0.00%	100.00%	0	16,939
146	440-4050-539.21-20	Medicare	3,962	0	3,962	Direct-S	0.00%	100.00%	0	3,962
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	32,985	0	32,985	Direct-S	0.00%	100.00%	0	32,985
149	440-4050-539.23-10	Life Insurance	1,263	0	1,263	Direct-S	0.00%	100.00%	0	1,263
150	440-4050-539.23-20	Group Medical Insurance	67,542	0	67,542	Direct-S	0.00%	100.00%	0	67,542
151	440-4050-539.23-21	HRA Employer Contribution	7,550	0	7,550	Direct-S	0.00%	100.00%	0	7,550
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	1,931	0	1,931	Direct-S	0.00%	100.00%	0	1,931
154	440-4050-539.23-40	Long Term Disability	2,260	0	2,260	Direct-S	0.00%	100.00%	0	2,260
155	440-4050-539.23-60	Broker & Admin. Fees	886	0	886	Direct-S	0.00%	100.00%	0	886
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	6,667	0	6,667	Direct-S	0.00%	100.00%	0	6,667
158		Subtotal Personnel Expenses	\$457,364	\$0	\$457,364		0.00%	100.00%	\$0	\$457,364
		<u>Operating Expenses</u>								
159	440-4050-539.34-10	Other Contractual Service	\$17,142	\$0	\$17,142	Direct-S	0.00%	100.00%	\$0	\$17,142
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	280	0	280	Direct-S	0.00%	100.00%	0	280
162	440-4050-539.41-15	Cellular	495	0	495	Direct-S	0.00%	100.00%	0	495
163	440-4050-539.41-20	Internet / Postage / VOIP / Network	415	0	415	Direct-S	0.00%	100.00%	0	415
164	440-4050-539.43-10	Electric	71,276	0	71,276	Direct-S	0.00%	100.00%	0	71,276
165	440-4050-539.43-30	Water / Sewer / Trash	1,101	0	1,101	Direct-S	0.00%	100.00%	0	1,101
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	180,237	0	180,237	Direct-S	0.00%	100.00%	0	180,237
168	440-4050-539.46-20	Fleet Charges	26,317	0	26,317	Direct-S	0.00%	100.00%	0	26,317
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	1,100	0	1,100	Direct-S	0.00%	100.00%	0	1,100
171	440-4050-539.49-01	Cost Allocation [2]	71,918	0	71,918	Direct-S	0.00%	100.00%	0	71,918
172	440-4050-539.49-10	Other Charges/Obligations	2,225	0	2,225	Direct-S	0.00%	100.00%	0	2,225
173	440-4050-539.49-40	PILOFF Water & Sewer [3]	36,966	(36,966)	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	20,000	0	20,000	Direct-S	0.00%	100.00%	0	20,000
176	440-4050-539.52-20	Unleaded & Diesel	23,549	0	23,549	Direct-S	0.00%	100.00%	0	23,549
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	\$482,941	(\$36,966)	\$445,975		0.00%	100.00%	\$0	\$445,975
182		Total Wastewater Collections	\$940,305	(\$36,966)	\$903,339		0.00%	100.00%	\$0	\$903,339
	440-4080-539	<u>Field Operations</u>								
183	440-4080-539.12-10	Regular Salaries	\$609,793	\$0	\$609,793	Lines	59.27%	40.73%	\$361,407	\$248,386
184		AddPerFieldOps	0	0	0	Input	0.00%	0.00%	0	0
185	440-4080-539.12-20	DC ICMA	9,777	0	9,777	Lines	59.27%	40.73%	5,795	3,982
186	440-4080-539.14-10	Overtime	37,981	0	37,981	Lines	59.27%	40.73%	22,510	15,471
187	440-4080-539.15-30	Cell Phone	1,620	0	1,620	Lines	59.27%	40.73%	960	660
188	440-4080-539.15-60	Boot Allowance	2,550	0	2,550	Lines	59.27%	40.73%	1,511	1,039
189	440-4080-539.21-10	FICA Taxes	36,215	0	36,215	Lines	59.27%	40.73%	21,464	14,751
190	440-4080-539.21-20	Medicare	8,470	0	8,470	Lines	59.27%	40.73%	5,020	3,450
191	440-4080-539.22-20	DCSE	57,715	0	57,715	Lines	59.27%	40.73%	34,206	23,509
192	440-4080-539.23-10	Life Insurance	2,721	0	2,721	Lines	59.27%	40.73%	1,613	1,108
193	440-4080-539.23-20	Group Medical Insurance	147,054	0	147,054	Lines	59.27%	40.73%	87,155	59,899
194	440-4080-539.23-21	HSA Employer Contribution	14,400	0	14,400	Lines	59.27%	40.73%	8,534	5,866
195	440-4080-539.23-22	HRA Employer Contribution	750	0	750	Lines	59.27%	40.73%	445	305
196	440-4080-539.23-30	Dental Insurance	4,000	0	4,000	Lines	59.27%	40.73%	2,371	1,629
197	440-4080-539.23-40	Long Term Disability	4,869	0	4,869	Lines	59.27%	40.73%	2,886	1,983
198	440-4080-539.23-60	Broker & Admin. Fees	3,080	0	3,080	Lines	59.27%	40.73%	1,825	1,255
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	17,144	0	17,144	Lines	59.27%	40.73%	10,161	6,983
201		Subtotal Personnel Costs	\$958,139	\$0	\$958,139		59.27%	40.73%	\$567,863	\$390,276
		<u>Operating Expenses</u>								
202	440-4080-539.34-10	Other Contractual Service	\$34,757	\$0	\$34,757	Lines	59.27%	40.73%	\$20,600	\$14,157
203	440-4080-539.40-10	Travel & Per Diem	3,557	0	3,557	Lines	59.27%	40.73%	2,108	1,449
204	440-4080-539.41-10	Telephone	0	0	0	Lines	59.27%	40.73%	0	0
205	440-4080-539.41-15	Cellular	2,180	0	2,180	Lines	59.27%	40.73%	1,292	888

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

**Allocation of Fiscal Year 2023 Operating Budget [1]**

Line No.	Cost Center Code	Description	Budget		Adjusted 2023	Allocation Factor	Allocation Percentages		Allocated Amounts	
			2023	Adjustments			Water	Wastewater	Water	Wastewater
206	440-4080-539.41-20	Internet / VOIP / Network	855	0	855	Lines	59.27%	40.73%	507	348
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	37,500	610,486	647,986	Accounts	52.07%	47.93%	337,414	310,572
210	440-4080-539.46-20	Fleet Charges	45,912	0	45,912	Lines	59.27%	40.73%	27,211	18,701
211	440-4080-539.47-10	Printing & Binding	0	0	0	Lines	59.27%	40.73%	0	0
212	440-4080-539.49-01	Cost Allocation [2]	140,310	0	140,310	Lines	59.27%	40.73%	83,158	57,152
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]	101,540	(101,540)	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	205,000	0	205,000	Lines	59.27%	40.73%	121,498	83,502
217	440-4080-539.52-20	Unleaded & Diesel	55,720	0	55,720	Lines	59.27%	40.73%	33,024	22,696
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	\$641,874	\$508,946	\$1,150,820		55.22%	44.78%	\$635,430	\$515,390
222		Total Field Operations	\$1,600,013	\$508,946	\$2,108,959		57.06%	42.94%	\$1,203,292	\$905,667
440-5555-580, 581, 589 <b>Non-Departmental [4]</b>										
223	440-5555-580.22-10	Retirement Contributions	\$273,141	\$0	\$273,141	Equal	50.00%	50.00%	\$136,571	\$136,571
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	45.04%	54.96%	9,305	11,354
226	440-5555-580.32-10	Accounting & Auditing	0	0	0	Revenues	45.04%	54.96%	0	0
227	440-5555-580.34-10	Other Contractual Service	12,000	0	12,000	Equal	50.00%	50.00%	6,000	6,000
228	440-5555-580.45-10	Insurance / General Liability	24,477	0	24,477	Assets	38.06%	61.94%	9,315	15,162
229	440-5555-580.45-15	Insurance / Property	104,495	0	104,495	Assets	38.06%	61.94%	39,768	64,727
230	440-5555-580.45-20	Insurance / Public Officials	18,426	0	18,426	Revenues	45.04%	54.96%	8,300	10,126
231	440-5555-580.45-25	Insurance / Automobile	22,040	0	22,040	Assets	38.06%	61.94%	8,388	13,652
232	440-5555-580.45-35	Insurance / Environmental Liability	3,711	0	3,711	Equal	50.00%	50.00%	1,856	1,856
233	440-5555-580.45-65	Insurance / Computer/Network	1,142	0	1,142	Equal	50.00%	50.00%	571	571
234	440-5555-580.46-10	Repair & Maintenance	30,000	0	30,000	Equal	50.00%	50.00%	15,000	15,000
235	440-5555-580.49-10	Other Charges/Obligations	2,390	0	2,390	Equal	50.00%	50.00%	1,195	1,195
236	440-5555-580.49-20	Bank Charges	0	0	0	Eliminate	0.00%	0.00%	0	0
237	440-5555-580.49-30	Insurance Deductible	0	0	0	Equal	50.00%	50.00%	0	0
238	440-5555-580.49-50	Write Off	0	0	0	Eliminate	0.00%	0.00%	0	0
239	440-5555-580.49-60	Hurricane Charges	0	0	0	Equal	50.00%	50.00%	0	0
240	440-5555-580.52-10	Operating Supplies	0	0	0	Eliminate	0.00%	0.00%	0	0
241	440-5555-580.58-10	Dep/ Right To Use Asset	0	0	0	Eliminate	0.00%	0.00%	0	0
242	440-5555-580.58-20	Expense Offset Right To	0	0	0	Assets	38.06%	61.94%	0	0
243	440-5555-580.59-10	Depreciation	0	0	0	Eliminate	0.00%	0.00%	0	0
244	440-5555-580.62-10	Buildings	0	0	0	Assets	38.06%	61.94%	0	0
245	440-5555-580.63-10	Improvements O/T Building	0	0	0	Assets	38.06%	61.94%	0	0
246	440-5555-580.64-10	Machinery & Equipment	75,000	(75,000)	0	Assets	38.06%	61.94%	0	0
247	440-5555-580.64-20	Motor Vehicles	378,257	(378,257)	0	Assets	38.06%	61.94%	0	0
248	440-5555-580.71-15	JCI Meters	0	0	0	Direct-W	100.00%	0.00%	0	0
249	440-5555-580.71-24	Refunding Bond Series 09	0	0	0	Assets	38.06%	61.94%	0	0
250	440-5555-580.71-26	BBT SRF Refinance 2012	0	0	0	Assets	38.06%	61.94%	0	0
251	440-5555-580.71-28	BBT Cap Imp Rev Note 2014	35,250	(35,250)	0	Direct-S	0.00%	100.00%	0	0
252	440-5555-580.71-29	St Rev Fund-WWTP R&R 2013	310,007	(310,007)	0	Direct-S	0.00%	100.00%	0	0
253	440-5555-580.71-38	BBT W&S Ref Rev Bnd 2016	959,000	(959,000)	0	Direct-S	0.00%	100.00%	0	0
254	440-5555-580.72-13	BOA Obligation #265	0	0	0	Eliminate	0.00%	0.00%	0	0
255	440-5555-580.72-47	Right to Use Asset	0	0	0	Eliminate	0.00%	0.00%	0	0
256	440-5555-580.71-40	Veh Lse 2016 Amer Cap Svc	0	0	0	Equal	50.00%	50.00%	0	0
257	440-5555-580.71-42	SRF 640530 Recl X Design	16,687	(16,687)	0	Equal	50.00%	50.00%	0	0
258	440-5555-580.71-43	State Revolving Fund 640531	184,520	(184,520)	0	Direct-S	0.00%	100.00%	0	0
259	440-5555-580.72-15	JCI Meters	0	0	0	Direct-W	100.00%	0.00%	0	0
260	440-5555-580.72-20	State Revolving Fund	0	0	0	Eliminate	0.00%	0.00%	0	0
261	440-5555-580.72-24	Refunding Bond Series 09	0	0	0	Assets	38.06%	61.94%	0	0
262	440-5555-580.72-26	BBT SRF Refinance 2012	0	0	0	Assets	38.06%	61.94%	0	0
263	440-5555-580.72-28	BBT Cap Imp Rev Note 2014	1,292	(1,292)	0	Direct-S	0.00%	100.00%	0	0
264	440-5555-580.72-29	St Rev Fund-WWTP R&R 2013	73,962	(73,962)	0	Direct-S	0.00%	100.00%	0	0
265	440-5555-580.72-38	BBT W&S Ref Rev Bnd 2016	104,455	(104,455)	0	Direct-S	0.00%	100.00%	0	0
266	440-5555-580.72-40	Veh Lse 2016 Amer Cap Svc	0	0	0	Equal	50.00%	50.00%	0	0
267	440-5555-580.72-42	SRF 640530 Recl X Design	1,680	(1,680)	0	Direct-S	0.00%	100.00%	0	0
268	440-5555-580.72-43	State Revolving Fund 640531	22,161	(22,161)	0	Direct-S	0.00%	100.00%	0	0
269	440-5555-580.73-11	2013 SunTrust JCI	0	0	0	Eliminate	0.00%	0.00%	0	0
270	440-5555-580.73-21	Bond Issuance Cost - SRF	0	0	0	Eliminate	0.00%	0.00%	0	0
271	440-5555-580.73-41	BBT SRF Refinance 2012	0	0	0	Eliminate	0.00%	0.00%	0	0
272	440-5555-580.73-42	Cap Imp Rev Note Srs 2014	0	0	0	Eliminate	0.00%	0.00%	0	0
273	440-5555-580.73-43	10M UT SYS Refunding Revenue Note 2016	0	0	0	Eliminate	0.00%	0.00%	0	0
274	440-5555-581.03-31	Capital Fund	0	0	0	Eliminate	0.00%	0.00%	0	0
275	440-5555-581.04-44	Renewal And Replacement	12,911,440	(12,911,440)	0	Eliminate	0.00%	0.00%	0	0
276	440-5555-581.04-45	Wtr/Svr Rate Stabilization	0	0	0	Revenues	45.04%	54.96%	0	0
277	440-5555-581.04-50	Public Works Complex	0	0	0	Assets	38.06%	61.94%	0	0
278	440-5555-581.05-01	MIS	0	0	0	Assets	38.06%	61.94%	0	0
279	440-5555-589.50-50	Stabilization / Charter Reserve Estimated Savings	0	0	0	Eliminate	0.00%	0.00%	0	0
280	440-5555-581.10-01	General Fund	0	0	0	Eliminate	0.00%	0.00%	0	0
281	440-5555-589.10-01	Current Year Unreserved	63,000	(63,000)	0	Revenues	45.04%	54.96%	0	0
282		Total Non-Departmental	\$15,649,192	(\$15,136,711)	\$512,481		46.10%	53.90%	\$236,268	\$276,213

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

**Allocation of Fiscal Year 2023 Operating Budget [1]**

Line No.	Cost Center Code	Description	Budget		Adjusted 2023	Allocation Factor	Allocation Percentages		Allocated Amounts	
			2023	Adjustments			Water	Wastewater	Water	Wastewater
<b><u>Other Adjustments</u></b>										
283	Contingency	Contingency - 1.00% of O&M [5]	\$0	\$95,317	\$95,317	Calculation	43.68%	56.32%	\$41,638	\$53,679
284	BadDebt	Bad Debt Expense - 0.25% of Rate Revs. [6]	0	33,949	33,949	Calculation	44.88%	55.12%	15,236	18,713
285	Other	Other Adjustments	0	(500,000)	(500,000)	Op Exp	43.69%	56.31%	(218,440)	(281,560)
286		Total Other Adjustments	\$0	(\$370,734)	(\$370,734)		43.58%	56.42%	(\$161,566)	(\$209,168)
287		<b>Grand Total Operating Budget</b>	<b>\$24,844,445</b>	<b>(\$15,683,478)</b>	<b>\$9,160,967</b>		<b>43.69%</b>	<b>56.31%</b>	<b>\$4,002,239</b>	<b>\$5,158,729</b>

**Footnotes:**

- [1] Budgeted amounts shown are based on the Fiscal Year 2023 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	52.07%	47.93%	100.00%
6	Sales Revenues	Revenues	45.04%	54.96%	100.00%
7	Treated Flows	Flows	51.76%	48.24%	100.00%
8	Miles of Line	Lines	59.27%	40.73%	100.00%
9	Operating Expenses	Op Exp	43.69%	56.31%	100.00%
10	Administration Operations Salaries	Adm Salary	42.21%	57.79%	100.00%
11	System Fixed Assets	Assets	38.06%	61.94%	100.00%

**Development of Allocation References**

		Allocation Percentages		
		Water	Wastewater	Total
<u>Customer Accounts:</u>				
12	Number of Accounts - Fiscal Year 2022	11,519	10,602	22,121
13	Percentage Allocation	52.07%	47.93%	100.00%

		Allocation Percentages		
		Water	Sewer/Reclaimed	Total
<u>Sales Revenues</u>				
14	Rate Revenues - Fiscal Year 2022	\$5,951,733	\$7,261,867	\$13,213,601
15	Percentage Allocation	45.04%	54.96%	100.00%

		Allocation Percentages		
		Water	Wastewater	Total
<u>Treated Flows</u>				
16	Treated Flows - Fiscal Year 2022	675,205	629,264	1,304,469
17	Percentage Allocation	51.76%	48.24%	100.00%

		Allocation Percentages		
		Water	Wastewater	Total
<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%

		Allocation Percentages		
		Water	Wastewater	Total
<u>Operating Expenses</u>				
20	Operating Expenses - Fiscal Year 2023	\$4,002,239	\$5,158,729	\$9,160,967
21	Percentage Allocation	43.69%	56.31%	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 2023</u>				
22	Water Department	\$641,564	\$0	\$641,564
23	Wastewater Department	0	844,281	844,281
24	Wastewater Collections Department	0	280,654	280,654
25	Field Operations Department	361,407	248,386	609,793
26	Total Salaries (Excluding Admin.)	<u>\$1,002,971</u>	<u>\$1,373,321</u>	<u>\$2,376,292</u>
27	Percentage Allocation	<u>42.21%</u>	<u>57.79%</u>	<u>100.00%</u>
<u>System Assets</u>				
28	Plant Assets - Fiscal Year 2022	<u>\$30,899,738</u>	<u>\$50,292,671</u>	<u>\$81,192,409</u>
29	Percentage Allocation	<u>38.06%</u>	<u>61.94%</u>	<u>100.00%</u>

**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]	Escalation Factor	Projected 2024	Fiscal Year Ending September 30th,			
			2023			2025	2026	2027	2028
<b>440-4010-539 Administration Department</b>									
1	440-4010-539.12-10	Regular Salaries	\$120,731	Labor	\$127,974	\$135,653	\$143,792	\$152,419	\$161,565
2	AddPerAdmin	Additional Personnel	0	Input	0	0	0	0	0
3	440-4010-539.14-10	Overtime	228	Labor	242	257	272	288	306
4	440-4010-539.15-30	Cell Phone	1,013	Inflation	1,064	1,117	1,140	1,163	1,189
5	440-4010-539.15-60	Boot Allowance	190	Inflation	199	209	214	218	223
6	440-4010-539.21-10	FICA Taxes	7,447	Labor	7,894	8,368	8,870	9,402	9,966
7	440-4010-539.21-20	Medicare	1,742	Labor	1,846	1,957	2,075	2,199	2,331
8	440-4010-539.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
9	440-4010-539.22-20	DCSE	14,488	Labor	15,357	16,278	17,255	18,290	19,388
10	440-4010-539.23-10	Life Insurance	556	General-Ins	584	613	644	676	710
11	440-4010-539.23-20	Group Medical Insurance	26,565	Health-Ins	29,221	32,143	35,357	38,893	42,782
12	440-4010-539.23-21	HSA Employer Contribution	3,123	Labor	3,311	3,509	3,720	3,943	4,180
13	440-4010-539.23-22	HRA Employer Contribution	211	Labor	224	237	251	266	282
14	440-4010-539.23-30	Dental Insurance	975	Health-Ins	1,073	1,180	1,298	1,428	1,571
15	440-4010-539.23-40	Long Term Disability	995	Health-Ins	1,095	1,204	1,325	1,457	1,603
16	440-4010-539.23-60	Broker & Admin. Fees	680	Health-Ins	747	822	904	995	1,094
17	440-4010-539.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
18	440-4010-539.24-10	Worker's Compensation	190	Labor	202	214	227	240	255
19		Subtotal Personnel Expenses	\$179,135		\$191,034	\$203,763	\$217,345	\$231,880	\$247,445
<b><u>Operating Expenses</u></b>									
20	440-4010-539.31-10	Professional Services	\$0	Eliminate	\$0	\$0	\$0	\$0	\$0
20	440-4010-539.34-10	Other Contractual Service	1,761	Contractual	1,832	1,905	1,981	2,060	2,143
21	440-4010-539.40-10	Travel & Per Diem	1,731	Inflation	1,817	1,908	1,948	1,987	2,031
22	440-4010-539.41-10	Telephone	236	Inflation	248	261	266	271	277
23	440-4010-539.41-20	Internet	1,604	Inflation	1,684	1,768	1,805	1,842	1,882
24	440-4010-539.41-40	Postage	0	Inflation	0	0	0	0	0
25	440-4010-539.43-10	Electric	488	Electricity	531	557	577	597	618
26	440-4010-539.46-10	Repair & Maintenance	950	Repair	1,011	1,062	1,099	1,138	1,178
27	440-4010-539.46-20	Fleet Charges	691	Repair	736	773	800	828	857
28	440-4010-539.47-20	Copier	2,786	Inflation	2,925	3,071	3,136	3,198	3,269
29	440-4010-539.49-01	Cost Allocation [2]	326,632	Labor	270,283	286,500	303,690	321,911	341,226
30	440-4010-539.49-10	Other Charges/Obligations	6,416	Inflation	6,736	7,073	7,222	7,366	7,528
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	633	Inflation	665	698	713	727	743
33	440-4010-539.52-10	Operating Supplies	1,266	Inflation	1,330	1,396	1,425	1,454	1,486
34	440-4010-539.52-20	Unleaded & Diesel	474	Fuel	521	557	596	638	683
35	440-4010-539.52-30	Uniforms	971	Inflation	1,019	1,070	1,093	1,115	1,139
36	440-4010-539.54-10	Books, Pubs, Subs, & Mem	3,611	Inflation	3,792	3,981	4,065	4,146	4,238
37	440-4010-539.54-20	Educational Development	1,857	Inflation	1,950	2,047	2,090	2,132	2,179
38		Subtotal Operating Expenses	\$352,106		\$297,080	\$314,629	\$332,506	\$351,410	\$371,475
39		Total Administration Department	\$531,241		\$488,113	\$518,391	\$549,851	\$583,291	\$618,920
<b>440-4030-533 Water Department</b>									
40	440-4030-533.12-10	Regular Salaries	\$641,564	Labor	\$718,058	\$761,141	\$806,810	\$855,218	\$906,531
41	AddPerWater	Additional Personnel	0	Input	68,200	72,292	76,630	81,227	86,101
42	440-4030-533.12-20	DC ICMA	16,848	Labor	17,859	18,930	20,066	21,270	22,546
43	440-4030-533.14-10	Overtime	19,531	Labor	20,703	21,945	23,262	24,657	26,137
44	440-4030-533.15-30	Cell Phone	1,200	Inflation	1,260	1,323	1,351	1,378	1,408
45	440-4030-533.15-60	Boot Allowance	1,650	Inflation	1,733	1,819	1,857	1,894	1,936
46	440-4030-533.21-10	FICA Taxes	36,136	Labor	38,304	40,602	43,039	45,621	48,358
47	440-4030-533.21-20	Medicare	8,451	Labor	8,958	9,496	10,065	10,669	11,309
48	440-4030-533.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
49	440-4030-533.22-20	DCSE	52,650	Labor	55,809	59,158	62,707	66,469	70,458
50	440-4030-533.23-10	Life Insurance	2,657	General-Ins	2,790	2,929	3,076	3,230	3,391
51	440-4030-533.23-20	Group Medical Insurance	134,951	Health-Ins	148,446	163,291	179,620	197,582	217,340
52	440-4030-533.23-21	HSA Employer Contribution	12,700	Labor	13,462	14,270	15,126	16,033	16,995
53	440-4030-533.23-22	HRA Employer Contribution	1,000	Labor	1,060	1,124	1,191	1,262	1,338
54	440-4030-533.23-30	Dental Insurance	3,370	Health-Ins	3,707	4,078	4,485	4,934	5,427
55	440-4030-533.23-40	Long Term Disability	4,755	Health-Ins	5,231	5,754	6,329	6,962	7,658
56	440-4030-533.23-60	Broker & Admin. Fees	3,507	Health-Ins	3,858	4,243	4,668	5,135	5,648
57	440-4030-533.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
58	440-4030-533.24-10	Worker's Compensation	18,711	Labor	19,834	21,024	22,285	23,622	25,040
59		Subtotal Personnel Expenses	\$959,681		\$1,129,270	\$1,203,418	\$1,282,566	\$1,367,165	\$1,457,623
<b><u>Operating Expenses</u></b>									

**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] 2023	Escalation Factor	Projected 2024	Fiscal Year Ending September 30th,			
						2025	2026	2027	2028
60	440-4030-533.31-10	Professional Services	\$20,630	Contractual	\$6,455	\$6,713	\$6,982	\$7,261	\$7,552
61	440-4030-533.34-10	Other Contractual Service	119,400	Contractual	194,176	201,943	210,021	218,422	227,158
62	440-4030-533.35-20	Uniform Reimbursement	0	Inflation	0	0	0	0	0
63	440-4030-533.40-10	Travel & Per Diem	1,150	Inflation	1,208	1,268	1,295	1,320	1,349
64	440-4030-533.41-10	Telephone	280	Inflation	294	309	315	321	329
65	440-4030-533.41-11	Cell Phone	0	Inflation	0	0	0	0	0
66	440-4030-533.41-15	Cellular	997	Inflation	1,047	1,099	1,122	1,145	1,170
67	440-4030-533.41-20	Internet	6,500	Inflation	6,825	7,166	7,317	7,463	7,627
68	440-4030-533.41-30	Legal Ads	800	Inflation	840	882	901	919	939
69	440-4030-533.41-40	Postage	13,680	Inflation	14,364	15,082	15,399	15,707	16,052
70	440-4030-533.43-10	Electric	164,946	W-Elec	182,423	193,830	202,407	210,752	219,126
71	440-4030-533.44-10	Rent	1,310	Inflation	1,376	1,444	1,475	1,504	1,537
72	440-4030-533.46-10	Repair & Maintenance	81,000	Repair	86,273	90,587	93,757	97,039	100,435
73	440-4030-533.46-20	Fleet Charges	3,275	Repair	3,488	3,663	3,791	3,923	4,061
74	440-4030-533.47-10	Printing & Binding	4,800	Inflation	5,040	5,292	5,403	5,511	5,632
75	440-4030-533.47-20	Copier	1,100	Inflation	1,155	1,213	1,238	1,263	1,291
76	440-4030-533.48-10	Promotional Activities	5,895	Inflation	6,190	6,499	6,636	6,768	6,917
77	440-4030-533.49-01	Cost Allocation [2]	188,599	Labor	250,141	265,149	281,058	297,922	315,797
78	440-4030-533.49-10	Other Charges/Obligations	17,800	Inflation	18,690	19,625	20,037	20,437	20,887
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	500	Inflation	525	551	563	574	587
81	440-4030-533.52-10	Operating Supplies	34,654	Inflation	36,387	38,206	39,008	39,789	40,664
82	440-4030-533.52-20	Unleaded & Diesel	4,456	Fuel	4,902	5,245	5,612	6,005	6,425
83	440-4030-533.52-25	Bulk Fuel	10,000	Fuel	11,000	11,770	12,594	13,475	14,419
84	440-4030-533.52-30	Uniforms	2,600	Inflation	2,730	2,867	2,927	2,985	3,051
85	440-4030-533.52-50	Chemical	546,225	W-Chem	611,438	662,048	701,361	740,862	781,464
86	440-4030-533.54-10	Books, Pubs, Subs, & Mem	900	Inflation	945	992	1,013	1,033	1,056
87	440-4030-533.54-20	Educational Development	1,825	Inflation	1,916	2,012	2,054	2,095	2,142
88		Subtotal Operating Expenses	<u>\$1,233,322</u>		<u>\$1,449,827</u>	<u>\$1,545,455</u>	<u>\$1,624,284</u>	<u>\$1,704,497</u>	<u>\$1,787,667</u>
89		Total Water Department	<u>\$2,193,003</u>		<u>\$2,579,097</u>	<u>\$2,748,873</u>	<u>\$2,906,850</u>	<u>\$3,071,662</u>	<u>\$3,245,290</u>
	<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	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	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	<u>\$0</u>		<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
		<b><u>Operating Expenses</u></b>							
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

**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] 2023	Escalation Factor	Projected 2024	Fiscal Year Ending September 30th,			
						2025	2026	2027	2028
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
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      <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	Boat 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
<b><u>Operating Expenses</u></b>									
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      <u>Field Operations</u></b>									
183	440-4080-539.12-10	Regular Salaries	\$361,407	Labor	\$383,092	\$406,077	\$430,442	\$456,269	\$483,645
184	AddPerFieldOps	Additional Personnel	0	Input	39,447	41,814	88,646	140,947	149,404

**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] 2023	Escalation Factor	Projected 2024	Fiscal Year Ending September 30th,			
						2025	2026	2027	2028
185	440-4080-539.12-20	DC ICMA	5,795	Labor	6,142	6,511	6,901	7,315	7,754
186	440-4080-539.14-10	Overtime	22,510	Labor	23,861	25,293	26,810	28,419	30,124
187	440-4080-539.15-30	Cell Phone	960	Inflation	1,008	1,059	1,081	1,102	1,127
188	440-4080-539.15-60	Boot Allowance	1,511	Inflation	1,587	1,666	1,701	1,735	1,773
189	440-4080-539.21-10	FICA Taxes	21,464	Labor	22,751	24,117	25,564	27,097	28,723
190	440-4080-539.21-20	Medicare	5,020	Labor	5,321	5,640	5,979	6,338	6,718
191	440-4080-539.22-20	DCSE	34,206	Labor	36,258	38,434	40,740	43,184	45,775
192	440-4080-539.23-10	Life Insurance	1,613	General-Ins	1,693	1,778	1,867	1,960	2,058
193	440-4080-539.23-20	Group Medical Insurance	87,155	Health-Ins	95,870	105,457	116,003	127,603	140,364
194	440-4080-539.23-21	HSA Employer Contribution	8,534	Labor	9,047	9,589	10,165	10,775	11,421
195	440-4080-539.23-22	HRA Employer Contribution	445	Labor	471	499	529	561	595
196	440-4080-539.23-30	Dental Insurance	2,371	Health-Ins	2,608	2,869	3,155	3,471	3,818
197	440-4080-539.23-40	Long Term Disability	2,886	Health-Ins	3,174	3,492	3,841	4,225	4,647
198	440-4080-539.23-60	Broker & Admin. Fees	1,825	Health-Ins	2,008	2,209	2,430	2,673	2,940
199	440-4080-539.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
200	440-4080-539.24-10	Worker's Compensation	10,161	Labor	10,770	11,417	12,102	12,828	13,597
201		Subtotal Personnel Costs	\$567,863		\$645,110	\$687,920	\$777,956	\$876,503	\$934,484
		<u>Operating Expenses</u>							
202	440-4080-539.34-10	Other Contractual Service	\$20,600	Contractual	\$21,423	\$22,280	\$23,172	\$24,099	\$25,062
203	440-4080-539.40-10	Travel & Per Diem	2,108	Inflation	2,214	2,324	2,373	2,420	2,474
204	440-4080-539.41-10	Telephone	0	Inflation	0	0	0	0	0
205	440-4080-539.41-15	Cellular	1,292	Inflation	1,357	1,424	1,454	1,483	1,516
206	440-4080-539.41-20	Internet	507	Inflation	532	559	570	582	595
207	440-4080-539.41-40	Postage	0	Inflation	0	0	0	0	0
208	440-4080-539.44-10	Rent	593	Inflation	622	653	667	680	695
209	440-4080-539.46-10	Repair & Maintenance	337,414	Calculated	256,395	257,210	258,048	258,912	22,913
210	440-4080-539.46-20	Fleet Charges	27,211	Repair	28,982	30,431	31,496	32,599	33,740
211	440-4080-539.47-10	Printing & Binding	0	Inflation	0	0	0	0	0
212	440-4080-539.49-01	Cost Allocation [2]	83,158	Labor	107,326	113,765	120,591	127,827	135,496
213	440-4080-539.49-10	Other Charges/Obligations	4,070	Inflation	4,274	4,488	4,582	4,674	4,776
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	311	327	334	340	348
216	440-4080-539.52-10	Operating Supplies	121,498	Inflation	127,573	133,951	136,764	139,500	142,569
217	440-4080-539.52-20	Unleaded & Diesel	33,024	Fuel	36,326	38,869	41,590	44,501	47,616
218	440-4080-539.52-30	Uniforms	1,096	Inflation	1,151	1,209	1,234	1,259	1,287
219	440-4080-539.54-10	Books, Pubs, Subs. & Mem	18	Inflation	19	20	20	20	21
220	440-4080-539.54-20	Educational Development	2,546	Inflation	2,673	2,806	2,865	2,923	2,987
221		Subtotal Operating Expenses	\$635,430		\$591,178	\$610,317	\$625,762	\$641,819	\$422,095
222		Total Field Operations	\$1,203,292		\$1,236,289	\$1,298,238	\$1,403,717	\$1,518,322	\$1,356,579
	<b>440-5555-580, 581, 589</b>	<b><u>Non-Departmental [4]</u></b>							
223	440-5555-580.22-10	Retirement Contributions	\$136,571	Labor	\$144,765	\$153,451	\$162,658	\$172,417	\$182,762
224	440-5555-580.23-80	PTO Expense	0	Eliminate	0	0	0	0	0
225	440-5555-580.31-10	Professional Services	9,305	Contractual	9,678	10,065	10,467	10,886	11,321
226	440-5555-580.32-10	Accounting & Auditing	0	Eliminate	0	0	0	0	0
227	440-5555-580.34-10	Other Contractual Service	6,000	Contractual	6,240	6,490	6,749	7,019	7,300
228	440-5555-580.45-10	Insurance / General Liability	9,315	General-Ins	9,781	10,270	10,784	11,323	11,889
229	440-5555-580.45-15	Insurance / Property	39,768	General-Ins	41,757	43,844	46,037	48,338	50,755
230	440-5555-580.45-20	Insurance / Public Officials	8,300	Labor	8,797	9,325	9,885	10,478	11,107
231	440-5555-580.45-25	Insurance / Automobile	8,388	General-Ins	8,807	9,248	9,710	10,195	10,705
232	440-5555-580.45-35	Insurance / Environmental Liability	1,856	Inflation	1,948	2,046	2,089	2,130	2,177
233	440-5555-580.45-65	Insurance / Computer/Network	571	Inflation	600	630	643	656	670
234	440-5555-580.46-10	Repair & Maintenance	15,000	Repair	15,977	16,775	17,362	17,970	18,599
235	440-5555-580.49-10	Other Charges/Obligations	1,195	Inflation	1,255	1,317	1,345	1,372	1,402
236	440-5555-580.49-20	Bank Charges	0	Eliminate	0	0	0	0	0
237	440-5555-580.49-30	Insurance Deductible	0	Eliminate	0	0	0	0	0
238	440-5555-580.49-50	Write Off	0	Eliminate	0	0	0	0	0
239	440-5555-580.49-60	Hurricane Charges	0	Eliminate	0	0	0	0	0
240	440-5555-580.52-10	Operating Supplies	0	Eliminate	0	0	0	0	0
241	440-5555-580.58-10	Dep/ Right To Use Asset	0	Eliminate	0	0	0	0	0
242	440-5555-580.58-20	Expense Offset Right To	0	Eliminate	0	0	0	0	0
243	440-5555-580.59-10	Depreciation	0	Eliminate	0	0	0	0	0
244	440-5555-580.62-10	Buildings	0	Eliminate	0	0	0	0	0
245	440-5555-580.63-10	Improvements O/T Building	0	Eliminate	0	0	0	0	0
246	440-5555-580.64-10	Machinery & Equipment	0	Eliminate	0	0	0	0	0
247	440-5555-580.64-20	Motor Vehicles	0	Eliminate	0	0	0	0	0
248	440-5555-580.71-15	JCI Meters	0	Eliminate	0	0	0	0	0
249	440-5555-580.71-24	Refunding Bond Series 09	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] 2023	Escalation Factor	Projected 2024	Fiscal Year Ending September 30th,			
						2025	2026	2027	2028
250	440-5555-580.71-26	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
251	440-5555-580.71-28	BBT Cap Imp Rev Note 2014	0	Eliminate	0	0	0	0	0
252	440-5555-580.71-29	St Rev Fund-WWTP R&R 2013	0	Eliminate	0	0	0	0	0
253	440-5555-580.71-38	BBT W&S Ref Rev Bnd 2016	0	Eliminate	0	0	0	0	0
254	440-5555-580.72-13	BOA Obligation #265	0	Eliminate	0	0	0	0	0
255	440-5555-580.72-47	Right to Use Asset	0	Eliminate	0	0	0	0	0
256	440-5555-580.71-40	Veh Lse 2016 Amer Cap Svc	0	Eliminate	0	0	0	0	0
257	440-5555-580.71-42	SRF 640530 Recl X Design	0	Eliminate	0	0	0	0	0
258	440-5555-580.71-43	State Revolving Fund 640531	0	Eliminate	0	0	0	0	0
259	440-5555-580.72-15	JCI Meters	0	Eliminate	0	0	0	0	0
260	440-5555-580.72-20	State Revolving Fund	0	Eliminate	0	0	0	0	0
261	440-5555-580.72-24	Refunding Bond Series 09	0	Eliminate	0	0	0	0	0
262	440-5555-580.72-26	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
263	440-5555-580.72-28	BBT Cap Imp Rev Note 2014	0	Eliminate	0	0	0	0	0
264	440-5555-580.72-29	St Rev Fund-WWTP R&R 2013	0	Eliminate	0	0	0	0	0
265	440-5555-580.72-38	BBT W&S Ref Rev Bnd 2016	0	Eliminate	0	0	0	0	0
266	440-5555-580.72-40	Veh Lse 2016 Amer Cap Svc	0	Eliminate	0	0	0	0	0
267	440-5555-580.72-42	SRF 640530 Recl X Design	0	Eliminate	0	0	0	0	0
268	440-5555-580.72-43	State Revolving Fund 640531	0	Eliminate	0	0	0	0	0
269	440-5555-580.73-11	2013 SunTrust JCI	0	Eliminate	0	0	0	0	0
270	440-5555-580.73-21	Bond Issuance Cost - SRF	0	Eliminate	0	0	0	0	0
271	440-5555-580.73-41	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
272	440-5555-580.73-42	Cap Imp Rev Note Srs 2014	0	Eliminate	0	0	0	0	0
273	440-5555-580.73-43	10M UT SYS Refunding Revenue Note 2016	0	Eliminate	0	0	0	0	0
274	440-5555-581.03-31	Capital Fund	0	Eliminate	0	0	0	0	0
275	440-5555-581.04-44	Renewal And Replacement	0	Eliminate	0	0	0	0	0
276	440-5555-581.04-45	Wtr/Swr Rate Stabilization	0	Eliminate	0	0	0	0	0
277	440-5555-581.04-50	Public Works Complex - Debt Service	0	Eliminate	0	0	0	0	0
278	440-5555-581.05-01	MIS	0	Eliminate	0	0	0	0	0
279	440-5555-589.50-50	Stabilization - Estimated Savings	0	Eliminate	0	0	0	0	0
280	440-5555-581.10-01	General Fund	0	Eliminate	0	0	0	0	0
281	440-5555-589.10-01	Current Year Unreserved	0	Eliminate	0	0	0	0	0
282		Total Non-Departmental	\$236,268		\$249,604	\$263,460	\$277,728	\$292,785	\$308,688
		<b><u>Other Adjustments</u></b>							
283	Contingency	Contingency - 1.00% of O&M [5]	\$41,638	Input	\$45,531	\$48,290	\$51,381	\$54,661	\$55,295
284	BadDebt	Bad Debt Expense - 0.25% of Rate Revs. [6]	15,236	Input	16,446	17,662	18,906	20,174	21,042
285	Other	Other Adjustments	(218,440)	Eliminate	0	0	0	0	0
286		Total Other Adjustments	(\$161,566)		\$61,977	\$65,952	\$70,288	\$74,835	\$76,336
287		<b>Grand Total Operating Budget</b>	<b>\$4,002,239</b>		<b>\$4,615,079</b>	<b>\$4,894,914</b>	<b>\$5,208,435</b>	<b>\$5,540,894</b>	<b>\$5,605,813</b>

**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] 2023	Escalation Factor	Projected 2024	Fiscal Year Ending September 30th,			
						2025	2026	2027	2028
<b>440-4010-539</b>		<b><u>Administration Department</u></b>							
1	440-4010-539.12-10	Regular Salaries	\$165,310	Labor	\$175,229	\$185,743	\$196,887	\$208,701	\$221,223
2	AddPerAdmin	Additional Personnel	0	Input	0	0	0	0	0
3	440-4010-539.14-10	Overtime	313	Labor	331	351	372	395	418
4	440-4010-539.15-30	Cell Phone	1,387	Inflation	1,456	1,529	1,561	1,593	1,628
5	440-4010-539.15-60	Boot Allowance	260	Inflation	273	287	293	299	305
6	440-4010-539.21-10	FICA Taxes	10,198	Labor	10,809	11,458	12,145	12,874	13,647
7	440-4010-539.21-20	Medicare	2,385	Labor	2,528	2,680	2,841	3,011	3,192
8	440-4010-539.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
9	440-4010-539.22-20	DCSE	19,837	Labor	21,028	22,289	23,627	25,044	26,547
10	440-4010-539.23-10	Life Insurance	762	General-Ins	800	840	882	926	972
11	440-4010-539.23-20	Group Medical Insurance	36,373	Health-Ins	40,011	44,012	48,413	53,254	58,580
12	440-4010-539.23-21	HSA Employer Contribution	4,277	Labor	4,533	4,805	5,094	5,399	5,723
13	440-4010-539.23-22	HRA Employer Contribution	289	Labor	306	325	344	365	387
14	440-4010-539.23-30	Dental Insurance	1,336	Health-Ins	1,469	1,616	1,778	1,955	2,151
15	440-4010-539.23-40	Long Term Disability	1,363	Health-Ins	1,499	1,649	1,814	1,995	2,195
16	440-4010-539.23-60	Broker & Admin. Fees	930	Health-Ins	1,024	1,126	1,238	1,362	1,499
17	440-4010-539.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
18	440-4010-539.24-10	Worker's Compensation	261	Labor	276	293	310	329	349
19		Subtotal Personnel Expenses	\$245,280		\$261,573	\$279,002	\$297,599	\$317,502	\$338,814
		<b><u>Operating Expenses</u></b>							
20	440-4010-539.31-10	Professional Services	\$0	Eliminate	\$0	\$0	\$0	\$0	\$0
20	440-4010-539.34-10	Other Contractual Service	2,412	Contractual	2,508	2,608	2,713	2,821	2,934
21	440-4010-539.40-10	Travel & Per Diem	2,369	Inflation	2,488	2,612	2,667	2,721	2,780
22	440-4010-539.41-10	Telephone	324	Inflation	340	357	364	372	380
23	440-4010-539.41-20	Internet	2,196	Inflation	2,306	2,421	2,472	2,522	2,577
24	440-4010-539.41-40	Postage	0	Inflation	0	0	0	0	0
25	440-4010-539.43-10	Electric	669	Electricity	727	763	790	817	846
26	440-4010-539.46-10	Repair & Maintenance	1,300	Repair	1,385	1,454	1,505	1,558	1,612
27	440-4010-539.46-20	Fleet Charges	946	Repair	1,008	1,058	1,095	1,133	1,173
28	440-4010-539.47-20	Copier	3,814	Inflation	4,005	4,205	4,294	4,379	4,476
29	440-4010-539.49-01	Cost Allocation [2]	447,241	Labor	370,085	392,290	415,828	440,777	467,224
30	440-4010-539.49-10	Other Charges/Obligations	8,784	Inflation	9,224	9,685	9,888	10,086	10,308
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	867	Inflation	910	956	976	995	1,017
33	440-4010-539.52-10	Operating Supplies	1,734	Inflation	1,820	1,911	1,952	1,991	2,034
34	440-4010-539.52-20	Unleaded & Diesel	648	Fuel	713	763	817	874	935
35	440-4010-539.52-30	Uniforms	1,329	Inflation	1,396	1,465	1,496	1,526	1,560
36	440-4010-539.54-10	Books, Pubs, Subs, & Mem	4,945	Inflation	5,192	5,452	5,566	5,677	5,802
37	440-4010-539.54-20	Educational Development	2,543	Inflation	2,670	2,804	2,862	2,920	2,984
38		Subtotal Operating Expenses	\$482,122		\$406,777	\$430,806	\$455,285	\$481,169	\$508,643
39		Total Administration Department	\$727,402		\$668,350	\$709,808	\$752,884	\$798,672	\$847,457
<b>440-4030-533</b>		<b><u>Water Department</u></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><u>Operating Expenses</u></b>							

**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] 2023	Escalation Factor	Projected 2024	Fiscal Year Ending September 30th,			
						2025	2026	2027	2028
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
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>Wastewater Department</b>							
90	440-4040-535.12-10	Regular Salaries	\$844,281	Labor	\$894,938	\$948,634	\$1,005,552	\$1,065,885	\$1,129,838
91	AddPerWastewater	Additional Personnel	0	Input	0	76,638	81,236	86,110	91,277
92	440-4040-535.13-10	Other Salaries	0	Labor	0	0	0	0	0
93	440-4040-535.14-10	Overtime	54,246	Labor	57,501	60,951	64,608	68,484	72,593
94	440-4040-535.15-30	Cell Phone	1,924	Inflation	2,020	2,121	2,166	2,209	2,258
95	440-4040-535.15-40	Insurance Payback	0	Health-Ins	0	0	0	0	0
96	440-4040-535.15-60	Boot Allowance	1,950	Inflation	2,048	2,150	2,195	2,239	2,288
97	440-4040-535.21-10	FICA Taxes	48,575	Labor	51,490	54,579	57,854	61,325	65,004
98	440-4040-535.21-20	Medicare	11,361	Labor	12,043	12,765	13,531	14,343	15,204
99	440-4040-535.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
100	440-4040-535.22-20	DCSE	91,957	Inflation	96,555	101,383	103,512	105,582	107,905
101	440-4040-535.23-10	Life Insurance	3,524	General-Ins	3,700	3,885	4,079	4,283	4,498
102	440-4040-535.23-20	Group Medical Insurance	169,032	Health-Ins	185,935	204,529	224,982	247,480	272,228
103	440-4040-535.23-21	HSA Employer Contribution	11,100	Labor	11,766	12,472	13,220	14,013	14,854
104	440-4040-535.23-22	HRA Employer Contribution	1,500	Labor	1,590	1,685	1,787	1,894	2,007
105	440-4040-535.23-30	Dental Insurance	5,219	Health-Ins	5,741	6,315	6,946	7,641	8,405
106	440-4040-535.23-40	Long Term Disability	6,306	Health-Ins	6,937	7,630	8,393	9,233	10,156
107	440-4040-535.23-60	Broker & Admin. Fees	3,657	Health-Ins	4,023	4,425	4,867	5,354	5,890
108	440-4040-535.23-90	OPEB	0	Marginal	0	0	0	0	0
109	440-4040-535.24-10	Worker's Compensation	21,340	Labor	22,620	23,978	25,416	26,941	28,558
110		Subtotal Personnel Expenses	\$1,275,972		\$1,358,905	\$1,524,140	\$1,620,345	\$1,723,017	\$1,832,963
		<b>Operating Expenses</b>							
111	440-4040-535.31-10	Professional Services	\$60,782	Contractual	\$63,213	\$65,742	\$68,371	\$71,106	\$73,951
112	440-4040-535.34-10	Other Contractual Service	282,061	Contractual	293,343	305,077	317,280	329,971	343,170
113	440-4040-535.40-10	Travel & Per Diem	2,800	Inflation	2,940	3,087	3,152	3,215	3,286
114	440-4040-535.41-10	Telephone	0	Inflation	0	0	0	0	0
115	440-4040-535.41-15	Cellular	15	Inflation	16	17	17	17	18
116	440-4040-535.41-20	Internet	1,150	Inflation	1,208	1,268	1,295	1,320	1,349
117	440-4040-535.41-30	Legal Ads	0	Inflation	0	0	0	0	0
118	440-4040-535.41-40	Postage	13,680	Inflation	14,364	15,082	15,399	15,707	16,052
119	440-4040-535.43-10	Electric	200,459	WW-Elec	223,470	238,696	250,222	261,204	272,099
120	440-4040-535.43-30	Water / Sewer / Trash	22,157	Inflation	23,265	24,428	24,941	25,440	26,000
121	440-4040-535.44-10	Rent	8,000	Inflation	8,400	8,820	9,005	9,185	9,387
122	440-4040-535.46-10	Repair & Maintenance	220,000	Repair	234,322	246,038	254,649	263,562	272,787
123	440-4040-535.46-20	Fleet Charges	5,464	Repair	5,820	6,111	6,325	6,546	6,775
124	440-4040-535.47-10	Printing & Binding	4,300	Inflation	4,515	4,741	4,840	4,937	5,046



**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] 2023	Escalation Factor	Projected 2024	Fiscal Year Ending September 30th,			
						2025	2026	2027	2028
125	440-4040-535.47-20	Copier	2,400	Inflation	2,520	2,646	2,702	2,756	2,816
126	440-4040-535.48-10	Promotional Activities	2,200	Inflation	2,310	2,426	2,476	2,526	2,582
127	440-4040-535.49-01	Cost Allocation [2]	171,120	Labor	199,836	211,826	224,536	238,008	252,288
128	440-4040-535.49-10	Other Charges/Obligations	1,400	Inflation	1,470	1,544	1,576	1,607	1,643
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	1,050	1,103	1,126	1,148	1,173
131	440-4040-535.52-10	Operating Supplies	55,000	Inflation	57,750	60,638	61,911	63,149	64,538
132	440-4040-535.52-20	Unleaded & Diesel	3,791	Fuel	4,170	4,462	4,774	5,109	5,466
133	440-4040-535.52-25	Bulk Fuel	6,000	Fuel	6,600	7,062	7,556	8,085	8,651
134	440-4040-535.52-30	Uniforms	3,025	Inflation	3,176	3,335	3,405	3,473	3,550
135	440-4040-535.52-50	Chemical	207,000	WW-Chem	233,564	254,231	270,369	286,325	302,592
136	440-4040-535.54-10	Books, Pubs, Subs, & Mem	300	Inflation	315	331	338	344	352
137	440-4040-535.54-20	Educational Development	5,200	Inflation	5,460	5,733	5,853	5,970	6,102
138		Subtotal Operating Expenses	\$1,279,304		\$1,393,097	\$1,474,441	\$1,542,119	\$1,610,713	\$1,681,673
139		Total Wastewater Department	\$2,555,276		\$2,752,002	\$2,998,581	\$3,162,464	\$3,333,730	\$3,514,636
	<b>440-4050-539</b>	<b><u>Wastewater Collections</u></b>							
140	440-4050-539.12-10	Regular Salaries	\$280,654	Labor	\$297,493	\$315,343	\$334,263	\$354,319	\$375,578
141	AddPerCollections	Additional Personnel	0	Input	0	0	0	0	157,557
142	440-4050-539.14-10	Overtime	32,552	Labor	34,505	36,575	38,770	41,096	43,562
143	440-4050-539.15-30	Cell Phone	873	Inflation	917	962	983	1,002	1,024
144	440-4050-539.15-60	Boot Allowance	1,050	Inflation	1,103	1,158	1,182	1,206	1,232
145	440-4050-539.21-10	FICA Taxes	16,939	Labor	17,955	19,033	20,175	21,385	22,668
146	440-4050-539.21-20	Medicare	3,962	Labor	4,200	4,452	4,719	5,002	5,302
147	440-4050-539.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
148	440-4050-539.22-20	DCSE	32,985	Labor	34,964	37,062	39,286	41,643	44,141
149	440-4050-539.23-10	Life Insurance	1,263	General-Ins	1,326	1,392	1,462	1,535	1,612
150	440-4050-539.23-20	Group Medical Insurance	67,542	Health-Ins	74,296	81,726	89,898	98,888	108,777
151	440-4050-539.23-21	HRA Employer Contribution	7,550	Labor	8,003	8,483	8,992	9,532	10,104
152	440-4050-539.23-22	HRA Employer Contribution	250	Labor	265	281	298	316	335
153	440-4050-539.23-30	Dental Insurance	1,931	Health-Ins	2,124	2,337	2,570	2,827	3,110
154	440-4050-539.23-40	Long Term Disability	2,260	Health-Ins	2,486	2,735	3,008	3,309	3,640
155	440-4050-539.23-60	Broker & Admin. Fees	886	Health-Ins	975	1,072	1,179	1,297	1,427
156	440-4050-539.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
157	440-4050-539.24-10	Worker's Compensation	6,667	Labor	7,067	7,491	7,941	8,417	8,922
158		Subtotal Personnel Expenses	\$457,364		\$487,679	\$520,101	\$554,725	\$591,774	\$788,991
		<b><u>Operating Expenses</u></b>							
159	440-4050-539.34-10	Other Contractual Service	17,142	Contractual	\$17,828	18,541	19,282	20,054	20,856
160	440-4050-539.40-10	Travel & Per Diem	1,400	Inflation	1,470	1,544	1,576	1,607	1,643
161	440-4050-539.41-10	Telephone	280	Inflation	294	309	315	321	329
162	440-4050-539.41-15	Cellular	495	Inflation	520	546	557	568	581
163	440-4050-539.41-20	Internet	415	Inflation	436	458	467	476	487
164	440-4050-539.43-10	Electric	71,276	WW-Elec	79,458	84,872	88,970	92,875	96,749
165	440-4050-539.43-30	Water / Sewer / Trash	1,101	Inflation	1,156	1,214	1,239	1,264	1,292
166	440-4050-539.44-10	Rent	500	Inflation	525	551	563	574	587
167	440-4050-539.46-10	Repair & Maintenance	180,237	Repair	63,000	66,150	68,465	70,862	73,342
168	440-4050-539.46-20	Fleet Charges	26,317	Repair	28,030	29,432	30,462	31,528	32,632
169	440-4050-539.47-10	Printing & Binding	0	Inflation	0	0	0	0	0
170	440-4050-539.47-20	Copier	1,100	Inflation	1,155	1,213	1,238	1,263	1,291
171	440-4050-539.49-01	Cost Allocation [2]	71,918	Labor	98,638	104,556	110,830	117,479	124,528
172	440-4050-539.49-10	Other Charges/Obligations	2,225	Inflation	2,336	2,453	2,505	2,555	2,611
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	525	551	563	574	587
175	440-4050-539.52-10	Operating Supplies	20,000	Inflation	21,000	22,050	22,513	22,963	23,469
176	440-4050-539.52-20	Unleaded & Diesel	23,549	Fuel	25,904	27,717	29,657	31,733	33,955
177	440-4050-539.52-30	Uniforms	980	Inflation	1,029	1,080	1,103	1,125	1,150
178	440-4050-539.52-50	Chemical	25,000	WW-Chem	28,208	30,704	32,653	34,580	36,545
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	1,617	1,698	1,734	1,768	1,807
181		Subtotal Operating Expenses	\$445,975		\$373,129	\$395,638	\$414,693	\$434,171	\$454,437
182		Total Wastewater Collections	\$903,339		\$860,807	\$915,739	\$969,418	\$1,025,946	\$1,243,429
	<b>440-4080-539</b>	<b><u>Field Operations</u></b>							
183	440-4080-539.12-10	Regular Salaries	\$248,386	Labor	\$263,289	\$279,086	\$295,831	\$313,581	\$332,396
184	AddPerFieldOps	Additional Personnel	0	Input	39,447	31,472	66,720	106,085	112,450

**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] 2023	Escalation Factor	Projected 2024	Fiscal Year Ending September 30th,			
						2025	2026	2027	2028
185	440-4080-539.12-20	DC ICMA	3,982	Labor	4,221	4,475	4,743	5,028	5,329
186	440-4080-539.14-10	Overtime	15,471	Labor	16,399	17,383	18,426	19,531	20,703
187	440-4080-539.15-30	Cell Phone	660	Inflation	693	728	743	758	774
188	440-4080-539.15-60	Boot Allowance	1,039	Inflation	1,091	1,145	1,169	1,193	1,219
189	440-4080-539.21-10	FICA Taxes	14,751	Labor	15,636	16,575	17,569	18,623	19,741
190	440-4080-539.21-20	Medicare	3,450	Labor	3,657	3,876	4,109	4,356	4,617
191	440-4080-539.22-20	DCSE	23,509	Labor	24,919	26,415	27,999	29,679	31,460
192	440-4080-539.23-10	Life Insurance	1,108	General-Ins	1,164	1,222	1,283	1,347	1,415
193	440-4080-539.23-20	Group Medical Insurance	59,899	Health-Ins	65,889	72,478	79,726	87,698	96,468
194	440-4080-539.23-21	HSA Employer Contribution	5,866	Labor	6,217	6,590	6,986	7,405	7,849
195	440-4080-539.23-22	HRA Employer Contribution	305	Labor	324	343	364	386	409
196	440-4080-539.23-30	Dental Insurance	1,629	Health-Ins	1,792	1,971	2,169	2,385	2,624
197	440-4080-539.23-40	Long Term Disability	1,983	Health-Ins	2,182	2,400	2,640	2,904	3,194
198	440-4080-539.23-60	Broker & Admin. Fees	1,255	Health-Ins	1,380	1,518	1,670	1,837	2,020
199	440-4080-539.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
200	440-4080-539.24-10	Worker's Compensation	6,983	Labor	7,402	7,846	8,317	8,816	9,345
201		Subtotal Personnel Costs	\$390,276		\$455,703	\$475,523	\$540,464	\$611,612	\$652,014
		<u>Operating Expenses</u>							
202	440-4080-539.34-10	Other Contractual Service	14,157	Contractual	\$14,724	15,313	15,925	16,562	17,225
203	440-4080-539.40-10	Travel & Per Diem	1,449	Inflation	1,521	1,597	1,631	1,664	1,700
204	440-4080-539.41-10	Telephone	0	Inflation	0	0	0	0	0
205	440-4080-539.41-15	Cellular	888	Inflation	932	979	1,000	1,020	1,042
206	440-4080-539.41-20	Internet	348	Inflation	366	384	392	400	409
207	440-4080-539.41-40	Postage	0	Inflation	0	0	0	0	0
208	440-4080-539.46-10	Rent	407	Inflation	428	449	459	468	478
209	440-4080-539.46-10	Repair & Maintenance	310,572	Inflation	235,999	236,748	237,520	238,315	21,090
210	440-4080-539.46-20	Fleet Charges	18,701	Repair	19,919	20,915	21,647	22,404	23,188
211	440-4080-539.47-10	Printing & Binding	0	Inflation	0	0	0	0	0
212	440-4080-539.49-01	Cost Allocation [2]	57,152	Labor	73,762	78,188	82,879	87,852	93,123
213	440-4080-539.49-10	Other Charges/Obligations	2,798	Inflation	2,937	3,084	3,149	3,212	3,283
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	214	225	229	234	239
216	440-4080-539.52-10	Operating Supplies	83,502	Inflation	87,677	92,061	93,994	95,874	97,984
217	440-4080-539.52-20	Unleaded & Diesel	22,696	Fuel	24,966	26,714	28,583	30,584	32,725
218	440-4080-539.52-30	Uniforms	754	Inflation	791	831	848	865	884
219	440-4080-539.54-10	Books, Pubs, Subs, & Mem	12	Inflation	13	13	14	14	14
220	440-4080-539.54-20	Educational Development	1,749	Inflation	1,837	1,929	1,969	2,009	2,053
221		Subtotal Operating Expenses	\$515,390		\$466,086	\$479,429	\$490,239	\$501,477	\$295,437
222		Total Field Operations	\$905,667		\$921,789	\$954,952	\$1,030,703	\$1,113,089	\$947,451
	<b>440-5555-580, 581, 589</b>	<b>Non-Departmental [4]</b>							
223	440-5555-580.22-10	Retirement Contributions	\$136,571	Labor	\$144,765	\$153,451	\$162,658	\$172,417	\$182,762
224	440-5555-580.23-80	PTO Expense	0	Eliminate	0	0	0	0	0
225	440-5555-580.31-10	Professional Services	11,354	Contractual	11,808	12,280	12,771	13,282	13,813
226	440-5555-580.32-10	Accounting & Auditing	0	Eliminate	0	0	0	0	0
227	440-5555-580.34-10	Other Contractual Service	6,000	Contractual	6,240	6,490	6,749	7,019	7,300
228	440-5555-580.45-10	Insurance / General Liability	15,162	General-Ins	15,920	16,716	17,552	18,429	19,351
229	440-5555-580.45-15	Insurance / Property	64,727	General-Ins	67,963	71,361	74,929	78,676	82,610
230	440-5555-580.45-20	Insurance / Public Officials	10,126	Labor	10,734	11,378	12,061	12,784	13,552
231	440-5555-580.45-25	Insurance / Automobile	13,652	General-Ins	14,335	15,051	15,804	16,594	17,424
232	440-5555-580.45-35	Insurance / Environmental Liability	1,856	Inflation	1,948	2,046	2,089	2,130	2,177
233	440-5555-580.45-65	Insurance / Computer/Network	571	Inflation	600	630	643	656	670
234	440-5555-580.46-10	Repair & Maintenance	15,000	Repair	15,977	16,775	17,362	17,970	18,599
235	440-5555-580.49-10	Other Charges/Obligations	1,195	Inflation	1,255	1,317	1,345	1,372	1,402
236	440-5555-580.49-20	Bank Charges	0	Eliminate	0	0	0	0	0
237	440-5555-580.49-30	Insurance Deductible	0	Eliminate	0	0	0	0	0
238	440-5555-580.49-50	Write Off	0	Eliminate	0	0	0	0	0
239	440-5555-580.49-60	Hurricane Charges	0	Eliminate	0	0	0	0	0
240	440-5555-580.52-10	Operating Supplies	0	Eliminate	0	0	0	0	0
241	440-5555-580.58-10	Dep/ Right To Use Asset	0	Eliminate	0	0	0	0	0
242	440-5555-580.58-20	Expense Offset Right To	0	Eliminate	0	0	0	0	0
243	440-5555-580.59-10	Depreciation	0	Eliminate	0	0	0	0	0
244	440-5555-580.62-10	Buildings	0	Eliminate	0	0	0	0	0
245	440-5555-580.63-10	Improvements O/T Building	0	Eliminate	0	0	0	0	0
246	440-5555-580.64-10	Machinery & Equipment	0	Eliminate	0	0	0	0	0
247	440-5555-580.64-20	Motor Vehicles	0	Eliminate	0	0	0	0	0
248	440-5555-580.71-15	JCI Meters	0	Eliminate	0	0	0	0	0
249	440-5555-580.71-24	Refunding Bond Series 09	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] 2023	Escalation Factor	Projected 2024	Fiscal Year Ending September 30th,			
						2025	2026	2027	2028
250	440-5555-580.71-26	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
251	440-5555-580.71-28	BBT Cap Imp Rev Note 2014	0	Eliminate	0	0	0	0	0
252	440-5555-580.71-29	St Rev Fund-WWTP R&R 2013	0	Eliminate	0	0	0	0	0
253	440-5555-580.71-38	BBT W&S Ref Rev Bnd 2016	0	Eliminate	0	0	0	0	0
254	440-5555-580.72-13	BOA Obligation #265	0	Eliminate	0	0	0	0	0
255	440-5555-580.72-47	Right to Use Asset	0	Eliminate	0	0	0	0	0
256	440-5555-580.71-40	Veh Lse 2016 Amer Cap Svc	0	Eliminate	0	0	0	0	0
257	440-5555-580.71-42	SRF 640530 Recl X Design	0	Eliminate	0	0	0	0	0
258	440-5555-580.71-43	State Revolving Fund 640531	0	Eliminate	0	0	0	0	0
259	440-5555-580.72-15	JCI Meters	0	Eliminate	0	0	0	0	0
260	440-5555-580.72-20	State Revolving Fund	0	Eliminate	0	0	0	0	0
261	440-5555-580.72-24	Refunding Bond Series 09	0	Eliminate	0	0	0	0	0
262	440-5555-580.72-26	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
263	440-5555-580.72-28	BBT Cap Imp Rev Note 2014	0	Eliminate	0	0	0	0	0
264	440-5555-580.72-29	St Rev Fund-WWTP R&R 2013	0	Eliminate	0	0	0	0	0
265	440-5555-580.72-38	BBT W&S Ref Rev Bnd 2016	0	Eliminate	0	0	0	0	0
266	440-5555-580.72-40	Veh Lse 2016 Amer Cap Svc	0	Eliminate	0	0	0	0	0
267	440-5555-580.72-42	SRF 640530 Recl X Design	0	Eliminate	0	0	0	0	0
268	440-5555-580.72-43	State Revolving Fund 640531	0	Eliminate	0	0	0	0	0
269	440-5555-580.73-11	2013 SunTrust JCI	0	Eliminate	0	0	0	0	0
270	440-5555-580.73-21	Bond Issuance Cost - SRF	0	Eliminate	0	0	0	0	0
271	440-5555-580.73-41	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
272	440-5555-580.73-42	Cap Imp Rev Note Srs 2014	0	Eliminate	0	0	0	0	0
273	440-5555-580.73-43	10M UT SYS Refunding Revenue Note 2016	0	Eliminate	0	0	0	0	0
274	440-5555-581.03-31	Capital Fund	0	Eliminate	0	0	0	0	0
275	440-5555-581.04-44	Renewal And Replacement	0	Eliminate	0	0	0	0	0
276	440-5555-581.04-45	Wtr/Swr Rate Stabilization	0	Eliminate	0	0	0	0	0
277	440-5555-581.04-50	Public Works Complex - Debt Service	0	Eliminate	0	0	0	0	0
278	440-5555-581.05-01	MIS	0	Eliminate	0	0	0	0	0
279	440-5555-589.50-50	Stabilization - Estimated Savings	0	Eliminate	0	0	0	0	0
280	440-5555-581.10-01	General Fund	0	Eliminate	0	0	0	0	0
281	440-5555-589.10-01	Current Year Unreserved	0	Eliminate	0	0	0	0	0
282		Total Non-Departmental	\$276,213		\$291,543	\$307,495	\$323,963	\$341,330	\$359,660
		<b><u>Other Adjustments</u></b>							
283	Contingency	Contingency - 1.00% of O&M [5]	\$53,679	Input	\$54,945	\$58,866	\$62,394	\$66,128	\$69,126
284	BadDebt	Bad Debt Expense - 0.25% of Rate Revs. [6]	18,713	Input	20,263	21,772	23,299	24,837	25,828
285	Other	Other Adjustments	(281,560)	Eliminate	0	0	0	0	0
286		Total Other Adjustments	(\$209,168)		\$75,208	\$80,638	\$85,694	\$90,965	\$94,955
287		<b>Grand Total Operating Budget</b>	<b>\$5,158,729</b>		<b>\$5,569,700</b>	<b>\$5,967,213</b>	<b>\$6,325,126</b>	<b>\$6,703,731</b>	<b>\$7,007,587</b>

**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]	Escalation Factor	Projected 2024	Fiscal Year Ending September 30th,			
			2023			2025	2026	2027	2028
	440-4010-539	<b><u>Administration Department</u></b>							
1	440-4010-539.12-10	Regular Salaries	\$286,041	Labor	\$303,203	\$321,396	\$340,679	\$361,120	\$382,787
2	AddPerAdmin	Additional Personnel	0	Input	0	0	0	0	0
3	440-4010-539.14-10	Overtime	541	Labor	573	608	644	683	724
4	440-4010-539.15-30	Cell Phone	2,400	Inflation	2,520	2,646	2,702	2,756	2,816
5	440-4010-539.15-60	Boot Allowance	450	Inflation	473	496	507	517	528
6	440-4010-539.21-10	FICA Taxes	17,645	Labor	18,704	19,826	21,015	22,276	23,613
7	440-4010-539.21-20	Medicare	4,127	Labor	4,375	4,637	4,915	5,210	5,523
8	440-4010-539.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
9	440-4010-539.22-20	DCSE	34,325	Labor	36,385	38,568	40,882	43,335	45,935
10	440-4010-539.23-10	Life Insurance	1,318	General-Ins	1,384	1,453	1,526	1,602	1,682
11	440-4010-539.23-20	Group Medical Insurance	62,938	Health-Ins	69,232	76,155	83,770	92,148	101,362
12	440-4010-539.23-21	HSA Employer Contribution	7,400	Labor	7,844	8,315	8,814	9,342	9,903
13	440-4010-539.23-22	HRA Employer Contribution	500	Labor	530	562	596	631	669
14	440-4010-539.23-30	Dental Insurance	2,311	Health-Ins	2,542	2,796	3,076	3,384	3,722
15	440-4010-539.23-40	Long Term Disability	2,358	Health-Ins	2,594	2,853	3,138	3,452	3,798
16	440-4010-539.23-60	Broker & Admin. Fees	1,610	Health-Ins	1,771	1,948	2,143	2,357	2,593
17	440-4010-539.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
18	440-4010-539.24-10	Worker's Compensation	451	Labor	478	507	537	569	604
19		Subtotal Personnel Expenses	\$424,415		\$452,607	\$482,765	\$514,944	\$549,382	\$586,258
		<b><u>Operating Expenses</u></b>							
20	440-4010-539.31-10	Professional Services	\$0	Eliminate	\$0	\$0	\$0	\$0	\$0
20	440-4010-539.34-10	Other Contractual Service	4,173	Contractual	4,340	4,514	4,694	4,882	5,077
21	440-4010-539.40-10	Travel & Per Diem	4,100	Inflation	4,305	4,520	4,615	4,707	4,811
22	440-4010-539.41-10	Telephone	560	Inflation	588	617	630	643	657
23	440-4010-539.41-20	Internet	3,800	Inflation	3,990	4,190	4,277	4,363	4,459
24	440-4010-539.41-40	Postage	0	Inflation	0	0	0	0	0
25	440-4010-539.43-10	Electric	1,157	Electricity	1,257	1,320	1,367	1,414	1,464
26	440-4010-539.46-10	Repair & Maintenance	2,250	Repair	2,396	2,516	2,604	2,696	2,790
27	440-4010-539.46-20	Fleet Charges	1,637	Repair	1,744	1,831	1,895	1,961	2,030
28	440-4010-539.47-20	Copier	6,600	Inflation	6,930	7,277	7,429	7,578	7,745
29	440-4010-539.49-01	Cost Allocation [2]	773,873	Labor	640,368	678,790	719,517	762,689	808,450
30	440-4010-539.49-10	Other Charges/Obligations	15,200	Inflation	15,960	16,758	17,110	17,452	17,836
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	1,575	1,654	1,688	1,722	1,760
33	440-4010-539.52-10	Operating Supplies	3,000	Inflation	3,150	3,308	3,377	3,444	3,520
34	440-4010-539.52-20	Unleaded & Diesel	1,122	Fuel	1,234	1,321	1,413	1,512	1,618
35	440-4010-539.52-30	Uniforms	2,300	Inflation	2,415	2,536	2,589	2,641	2,699
36	440-4010-539.54-10	Books, Pubs, Subs, & Mem	8,556	Inflation	8,984	9,433	9,631	9,824	10,040
37	440-4010-539.54-20	Educational Development	4,400	Inflation	4,620	4,851	4,953	5,052	5,163
38		Subtotal Operating Expenses	\$834,228		\$703,856	\$745,434	\$787,791	\$832,580	\$880,118
39		Total Administration Department	\$1,258,643		\$1,156,463	\$1,228,199	\$1,302,735	\$1,381,962	\$1,466,377
	440-4030-533	<b><u>Water Department</u></b>							
40	440-4030-533.12-10	Regular Salaries	\$641,564	Labor	\$718,058	\$761,141	\$806,810	\$855,218	\$906,531
41	AddPerWater	Additional Personnel	0	Input	68,200	72,292	76,630	81,227	86,101
42	440-4030-533.12-20	DC ICMA	16,848	Labor	17,859	18,930	20,066	21,270	22,546
43	440-4030-533.14-10	Overtime	19,531	Labor	20,703	21,945	23,262	24,657	26,137
44	440-4030-533.15-30	Cell Phone	1,200	Inflation	1,260	1,323	1,351	1,378	1,408
45	440-4030-533.15-60	Boot Allowance	1,650	Inflation	1,733	1,819	1,857	1,894	1,936
46	440-4030-533.21-10	FICA Taxes	36,136	Labor	38,304	40,602	43,039	45,621	48,358
47	440-4030-533.21-20	Medicare	8,451	Labor	8,958	9,496	10,065	10,669	11,309
48	440-4030-533.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
49	440-4030-533.22-20	DCSE	52,650	Labor	55,809	59,158	62,707	66,469	70,458
50	440-4030-533.23-10	Life Insurance	2,657	General-Ins	2,790	2,929	3,076	3,230	3,391
51	440-4030-533.23-20	Group Medical Insurance	134,951	Health-Ins	148,446	163,291	179,620	197,582	217,340
52	440-4030-533.23-21	HSA Employer Contribution	12,700	Labor	13,462	14,270	15,126	16,033	16,995
53	440-4030-533.23-22	HRA Employer Contribution	1,000	Labor	1,060	1,124	1,191	1,262	1,338
54	440-4030-533.23-30	Dental Insurance	3,370	Health-Ins	3,707	4,078	4,485	4,934	5,427
55	440-4030-533.23-40	Long Term Disability	4,755	Health-Ins	5,231	5,754	6,329	6,962	7,658
56	440-4030-533.23-60	Broker & Admin. Fees	3,507	Health-Ins	3,858	4,243	4,668	5,135	5,648
57	440-4030-533.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
58	440-4030-533.24-10	Worker's Compensation	18,711	Labor	19,834	21,024	22,285	23,622	25,040
59		Subtotal Personnel Expenses	\$959,681		\$1,129,270	\$1,203,418	\$1,282,566	\$1,367,165	\$1,457,623
		<b><u>Operating Expenses</u></b>							

**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] 2023	Escalation Factor	Projected 2024	Fiscal Year Ending September 30th,			
						2025	2026	2027	2028
60	440-4030-533.31-10	Professional Services	\$20,630	Contractual	\$6,455	\$6,713	\$6,982	\$7,261	\$7,552
61	440-4030-533.34-10	Other Contractual Service	119,400	Contractual	194,176	201,943	210,021	218,422	227,158
62	440-4030-533.35-20	Uniform Reimbursement	0	Inflation	0	0	0	0	0
63	440-4030-533.40-10	Travel & Per Diem	1,150	Inflation	1,208	1,268	1,295	1,320	1,349
64	440-4030-533.41-10	Telephone	280	Inflation	294	309	315	321	329
65	440-4030-533.41-11	Cell Phone	0	Inflation	0	0	0	0	0
66	440-4030-533.41-15	Cellular	997	Inflation	1,047	1,099	1,122	1,145	1,170
67	440-4030-533.41-20	Internet	6,500	Inflation	6,825	7,166	7,317	7,463	7,627
68	440-4030-533.41-30	Legal Ads	800	Inflation	840	882	901	919	939
69	440-4030-533.41-40	Postage	13,680	Inflation	14,364	15,082	15,399	15,707	16,052
70	440-4030-533.43-10	Electric	164,946	W-Elec	182,423	193,830	202,407	210,752	219,126
71	440-4030-533.44-10	Rent	1,310	Inflation	1,376	1,444	1,475	1,504	1,537
72	440-4030-533.46-10	Repair & Maintenance	81,000	Repair	86,273	90,587	93,757	97,039	100,435
73	440-4030-533.46-20	Fleet Charges	3,275	Repair	3,488	3,663	3,791	3,923	4,061
74	440-4030-533.47-10	Printing & Binding	4,800	Inflation	5,040	5,292	5,403	5,511	5,632
75	440-4030-533.47-20	Copier	1,100	Inflation	1,155	1,213	1,238	1,263	1,291
76	440-4030-533.48-10	Promotional Activities	5,895	Inflation	6,190	6,499	6,636	6,768	6,917
77	440-4030-533.49-01	Cost Allocation [2]	188,599	Labor	250,141	265,149	281,058	297,922	315,797
78	440-4030-533.49-10	Other Charges/Obligations	17,800	Inflation	18,690	19,625	20,037	20,437	20,887
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	500	Inflation	525	551	563	574	587
81	440-4030-533.52-10	Operating Supplies	34,654	Inflation	36,387	38,206	39,008	39,789	40,664
82	440-4030-533.52-20	Unleaded & Diesel	4,456	Fuel	4,902	5,245	5,612	6,005	6,425
83	440-4030-533.52-25	Bulk Fuel	10,000	Fuel	11,000	11,770	12,594	13,475	14,419
84	440-4030-533.52-30	Uniforms	2,600	Inflation	2,730	2,867	2,927	2,985	3,051
85	440-4030-533.52-50	Chemical	546,225	W-Chem	611,438	662,048	701,361	740,862	781,464
86	440-4030-533.54-10	Books, Pubs, Subs, & Mem	900	Inflation	945	992	1,013	1,033	1,056
87	440-4030-533.54-20	Educational Development	1,825	Inflation	1,916	2,012	2,054	2,095	2,142
88		Subtotal Operating Expenses	\$1,233,322		\$1,449,827	\$1,545,455	\$1,624,284	\$1,704,497	\$1,787,667
89		Total Water Department	\$2,193,003		\$2,579,097	\$2,748,873	\$2,906,850	\$3,071,662	\$3,245,290
	440-4040-535	<b>Wastewater Department</b>							
90	440-4040-535.12-10	Regular Salaries	\$844,281	Labor	\$894,938	\$948,634	\$1,005,552	\$1,065,885	\$1,129,838
91	AddPerWastewater	Additional Personnel	0	Input	0	76,638	81,236	86,110	91,277
92	440-4040-535.13-10	Other Salaries	0	Labor	0	0	0	0	0
93	440-4040-535.14-10	Overtime	54,246	Labor	57,501	60,951	64,608	68,484	72,593
94	440-4040-535.15-30	Cell Phone	1,924	Inflation	2,020	2,121	2,166	2,209	2,258
95	440-4040-535.15-40	Insurance Payback	0	Health-Ins	0	0	0	0	0
96	440-4040-535.15-60	Boot Allowance	1,950	Inflation	2,048	2,150	2,195	2,239	2,288
97	440-4040-535.21-10	FICA Taxes	48,575	Labor	51,490	54,579	57,854	61,325	65,004
98	440-4040-535.21-20	Medicare	11,361	Labor	12,043	12,765	13,531	14,343	15,204
99	440-4040-535.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
100	440-4040-535.22-20	DCSE	91,957	Inflation	96,555	101,383	103,512	105,582	107,905
101	440-4040-535.23-10	Life Insurance	3,524	General-Ins	3,700	3,885	4,079	4,283	4,498
102	440-4040-535.23-20	Group Medical Insurance	169,032	Health-Ins	185,935	204,529	224,982	247,480	272,228
103	440-4040-535.23-21	HSA Employer Contribution	11,100	Labor	11,766	12,472	13,220	14,013	14,854
104	440-4040-535.23-22	HRA Employer Contribution	1,500	Labor	1,590	1,685	1,787	1,894	2,007
105	440-4040-535.23-30	Dental Insurance	5,219	Health-Ins	5,741	6,315	6,946	7,641	8,405
106	440-4040-535.23-40	Long Term Disability	6,306	Health-Ins	6,937	7,630	8,393	9,233	10,156
107	440-4040-535.23-60	Broker & Admin. Fees	3,657	Health-Ins	4,023	4,425	4,867	5,354	5,890
108	440-4040-535.23-90	OPEB	0	Marginal	0	0	0	0	0
109	440-4040-535.24-10	Worker's Compensation	21,340	Labor	22,620	23,978	25,416	26,941	28,558
110		Subtotal Personnel Expenses	\$1,275,972		\$1,358,905	\$1,524,140	\$1,620,345	\$1,723,017	\$1,832,963
		<b>Operating Expenses</b>							
111	440-4040-535.31-10	Professional Services	\$60,782	Contractual	\$63,213	\$65,742	\$68,371	\$71,106	\$73,951
112	440-4040-535.34-10	Other Contractual Service	282,061	Contractual	293,343	305,077	317,280	329,971	343,170
113	440-4040-535.40-10	Travel & Per Diem	2,800	Inflation	2,940	3,087	3,152	3,215	3,286
114	440-4040-535.41-10	Telephone	0	Inflation	0	0	0	0	0
115	440-4040-535.41-15	Cellular	15	Inflation	16	17	17	17	18
116	440-4040-535.41-20	Internet	1,150	Inflation	1,208	1,268	1,295	1,320	1,349
117	440-4040-535.41-30	Legal Ads	0	Inflation	0	0	0	0	0
118	440-4040-535.41-40	Postage	13,680	Inflation	14,364	15,082	15,399	15,707	16,052
119	440-4040-535.43-10	Electric	200,459	WW-Elec	223,470	238,696	250,222	261,204	272,099
120	440-4040-535.43-30	Water / Sewer / Trash	22,157	Inflation	23,265	24,428	24,941	25,440	26,000
121	440-4040-535.44-10	Rent	8,000	Inflation	8,400	8,820	9,005	9,185	9,387
122	440-4040-535.46-10	Repair & Maintenance	220,000	Repair	234,322	246,038	254,649	263,562	272,787
123	440-4040-535.46-20	Fleet Charges	5,464	Repair	5,820	6,111	6,325	6,546	6,775
124	440-4040-535.47-10	Printing & Binding	4,300	Inflation	4,515	4,741	4,840	4,937	5,046

**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] 2023	Escalation Factor	Projected 2024	Fiscal Year Ending September 30th,			
						2025	2026	2027	2028
125	440-4040-535.47-20	Copier	2,400	Inflation	2,520	2,646	2,702	2,756	2,816
126	440-4040-535.48-10	Promotional Activities	2,200	Inflation	2,310	2,426	2,476	2,526	2,582
127	440-4040-535.49-01	Cost Allocation [2]	171,120	Labor	199,836	211,826	224,536	238,008	252,288
128	440-4040-535.49-10	Other Charges/Obligations	1,400	Inflation	1,470	1,544	1,576	1,607	1,643
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	1,050	1,103	1,126	1,148	1,173
131	440-4040-535.52-10	Operating Supplies	55,000	Inflation	57,750	60,638	61,911	63,149	64,538
132	440-4040-535.52-20	Unleaded & Diesel	3,791	Fuel	4,170	4,462	4,774	5,109	5,466
133	440-4040-535.52-25	Bulk Fuel	6,000	Fuel	6,600	7,062	7,556	8,085	8,651
134	440-4040-535.52-30	Uniforms	3,025	Inflation	3,176	3,335	3,405	3,473	3,550
135	440-4040-535.52-50	Chemical	207,000	WW-Chem	233,564	254,231	270,369	286,325	302,592
136	440-4040-535.54-10	Books, Pubs, Subs, & Mem	300	Inflation	315	331	338	344	352
137	440-4040-535.54-20	Educational Development	5,200	Inflation	5,460	5,733	5,853	5,970	6,102
138		Subtotal Operating Expenses	\$1,279,304		\$1,393,097	\$1,474,441	\$1,542,119	\$1,610,713	\$1,681,673
139		Total Wastewater Department	\$2,555,276		\$2,752,002	\$2,998,581	\$3,162,464	\$3,333,730	\$3,514,636
	440-4050-539	<b><u>Wastewater Collections</u></b>							
140	440-4050-539.12-10	Regular Salaries	\$280,654	Labor	\$297,493	\$315,343	\$334,263	\$354,319	\$375,578
141	AddPerCollections	Additional Personnel	0	Input	0	0	0	0	157,557
142	440-4050-539.14-10	Overtime	32,552	Labor	34,505	36,575	38,770	41,096	43,562
143	440-4050-539.15-30	Cell Phone	873	Inflation	917	962	983	1,002	1,024
144	440-4050-539.15-60	Boot Allowance	1,050	Inflation	1,103	1,158	1,182	1,206	1,232
145	440-4050-539.21-10	FICA Taxes	16,939	Labor	17,955	19,033	20,175	21,385	22,668
146	440-4050-539.21-20	Medicare	3,962	Labor	4,200	4,452	4,719	5,002	5,302
147	440-4050-539.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
148	440-4050-539.22-20	DCSE	32,985	Labor	34,964	37,062	39,286	41,643	44,141
149	440-4050-539.23-10	Life Insurance	1,263	General-Ins	1,326	1,392	1,462	1,535	1,612
150	440-4050-539.23-20	Group Medical Insurance	67,542	Health-Ins	74,296	81,726	89,898	98,888	108,777
151	440-4050-539.23-21	HRA Employer Contribution	7,550	Labor	8,003	8,483	8,992	9,532	10,104
152	440-4050-539.23-22	HRA Employer Contribution	250	Labor	265	281	298	316	335
153	440-4050-539.23-30	Dental Insurance	1,931	Health-Ins	2,124	2,337	2,570	2,827	3,110
154	440-4050-539.23-40	Long Term Disability	2,260	Health-Ins	2,486	2,735	3,008	3,309	3,640
155	440-4050-539.23-60	Broker & Admin. Fees	886	Health-Ins	975	1,072	1,179	1,297	1,427
156	440-4050-539.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
157	440-4050-539.24-10	Worker's Compensation	6,667	Labor	7,067	7,491	7,941	8,417	8,922
158		Subtotal Personnel Expenses	\$457,364		\$487,679	\$520,101	\$554,725	\$591,774	\$788,991
		<b><u>Operating Expenses</u></b>							
159	440-4050-539.34-10	Other Contractual Service	\$17,142	Contractual	\$17,828	\$18,541	\$19,282	\$20,054	\$20,856
160	440-4050-539.40-10	Travel & Per Diem	1,400	Inflation	1,470	1,544	1,576	1,607	1,643
161	440-4050-539.41-10	Telephone	280	Inflation	294	309	315	321	329
162	440-4050-539.41-15	Cellular	495	Inflation	520	546	557	568	581
163	440-4050-539.41-20	Internet	415	Inflation	436	458	467	476	487
164	440-4050-539.43-10	Electric	71,276	WW-Elec	79,458	84,872	88,970	92,875	96,749
165	440-4050-539.43-30	Water / Sewer / Trash	1,101	Inflation	1,156	1,214	1,239	1,264	1,292
166	440-4050-539.44-10	Rent	500	Inflation	525	551	563	574	587
167	440-4050-539.46-10	Repair & Maintenance	180,237	Repair	63,000	66,150	68,465	70,862	73,342
168	440-4050-539.46-20	Fleet Charges	26,317	Repair	28,030	29,432	30,462	31,528	32,632
169	440-4050-539.47-10	Printing & Binding	0	Inflation	0	0	0	0	0
170	440-4050-539.47-20	Copier	1,100	Inflation	1,155	1,213	1,238	1,263	1,291
171	440-4050-539.49-01	Cost Allocation [2]	71,918	Labor	98,638	104,556	110,830	117,479	124,528
172	440-4050-539.49-10	Other Charges/Obligations	2,225	Inflation	2,336	2,453	2,505	2,555	2,611
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	525	551	563	574	587
175	440-4050-539.52-10	Operating Supplies	20,000	Inflation	21,000	22,050	22,513	22,963	23,469
176	440-4050-539.52-20	Unleaded & Diesel	23,549	Fuel	25,904	27,717	29,657	31,733	33,955
177	440-4050-539.52-30	Uniforms	980	Inflation	1,029	1,080	1,103	1,125	1,150
178	440-4050-539.52-50	Chemical	25,000	WW-Chem	28,208	30,704	32,653	34,580	36,545
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	1,617	1,698	1,734	1,768	1,807
181		Subtotal Operating Expenses	\$445,975		\$373,129	\$395,638	\$414,693	\$434,171	\$454,437
182		Total Wastewater Collections	\$903,339		\$860,807	\$915,739	\$969,418	\$1,025,946	\$1,243,429
	440-4080-539	<b><u>Field Operations</u></b>							
183	440-4080-539.12-10	Regular Salaries	\$609,793	Labor	\$646,381	\$685,163	\$726,273	\$769,850	\$816,041
184	AddPerFieldOps	Additional Personnel	0	Input	78,895	73,286	155,366	247,032	261,854

**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] 2023	Escalation Factor	Projected 2024	Fiscal Year Ending September 30th,			
						2025	2026	2027	2028
185	440-4080-539.12-20	DC ICMA	9,777	Labor	10,364	10,985	11,645	12,343	13,084
186	440-4080-539.14-10	Overtime	37,981	Labor	40,260	42,675	45,236	47,950	50,827
187	440-4080-539.15-30	Cell Phone	1,620	Inflation	1,701	1,786	1,824	1,860	1,901
188	440-4080-539.15-60	Boot Allowance	2,550	Inflation	2,678	2,811	2,870	2,928	2,992
189	440-4080-539.21-10	FICA Taxes	36,215	Labor	38,388	40,691	43,133	45,721	48,464
190	440-4080-539.21-20	Medicare	8,470	Labor	8,978	9,517	10,088	10,693	11,335
191	440-4080-539.22-20	DCSE	57,715	Labor	61,178	64,849	68,739	72,864	77,236
192	440-4080-539.23-10	Life Insurance	2,721	General-Ins	2,857	3,000	3,150	3,307	3,473
193	440-4080-539.23-20	Group Medical Insurance	147,054	Health-Ins	161,759	177,935	195,729	215,302	236,832
194	440-4080-539.23-21	HSA Employer Contribution	14,400	Labor	15,264	16,180	17,151	18,180	19,270
195	440-4080-539.23-22	HRA Employer Contribution	750	Labor	795	843	893	947	1,004
196	440-4080-539.23-30	Dental Insurance	4,000	Health-Ins	4,400	4,840	5,324	5,856	6,442
197	440-4080-539.23-40	Long Term Disability	4,869	Health-Ins	5,356	5,891	6,481	7,129	7,842
198	440-4080-539.23-60	Broker & Admin. Fees	3,080	Health-Ins	3,388	3,727	4,099	4,509	4,960
199	440-4080-539.23-90	OPEB Expense	0	Marginal	0	0	0	0	0
200	440-4080-539.24-10	Worker's Compensation	17,144	Labor	18,173	19,263	20,419	21,644	22,943
201		Subtotal Personnel Costs	\$958,139		\$1,100,813	\$1,163,443	\$1,318,419	\$1,488,115	\$1,586,498
		<u>Operating Expenses</u>							
202	440-4080-539.34-10	Other Contractual Service	\$34,757	Contractual	\$36,147	\$37,593	\$39,097	\$40,661	\$42,287
203	440-4080-539.40-10	Travel & Per Diem	3,557	Inflation	3,735	3,922	4,004	4,084	4,174
204	440-4080-539.41-10	Telephone	0	Inflation	0	0	0	0	0
205	440-4080-539.41-15	Cellular	2,180	Inflation	2,289	2,403	2,454	2,503	2,558
206	440-4080-539.41-20	Internet	855	Inflation	898	943	962	982	1,003
207	440-4080-539.41-40	Postage	0	Inflation	0	0	0	0	0
208	440-4080-539.44-10	Rent	1,000	Inflation	1,050	1,103	1,126	1,148	1,173
209	440-4080-539.46-10	Repair & Maintenance	647,986	Calculated	492,394	493,958	495,568	497,227	44,003
210	440-4080-539.46-20	Fleet Charges	45,912	Repair	48,901	51,346	53,143	55,003	56,928
211	440-4080-539.47-10	Printing & Binding	0	Inflation	0	0	0	0	0
212	440-4080-539.49-01	Cost Allocation [2]	140,310	Labor	181,088	191,953	203,470	215,679	228,619
213	440-4080-539.49-10	Other Charges/Obligations	6,868	Inflation	7,211	7,572	7,731	7,886	8,059
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	525	551	563	574	587
216	440-4080-539.52-10	Operating Supplies	205,000	Inflation	215,250	226,013	230,759	235,374	240,552
217	440-4080-539.52-20	Unleaded & Diesel	55,720	Fuel	61,292	65,582	70,173	75,085	80,341
218	440-4080-539.52-30	Uniforms	1,850	Inflation	1,943	2,040	2,082	2,124	2,171
219	440-4080-539.54-10	Books, Pubs, Subs. & Mem	30	Inflation	32	33	34	34	35
220	440-4080-539.54-20	Educational Development	4,295	Inflation	4,510	4,735	4,835	4,931	5,040
221		Subtotal Operating Expenses	\$1,150,820		\$1,057,264	\$1,089,747	\$1,116,001	\$1,143,295	\$717,532
222		Total Field Operations	\$2,108,959		\$2,158,077	\$2,253,190	\$2,434,421	\$2,631,410	\$2,304,030
	440-5555-580, 581, 589	<u>Non-Departmental [4]</u>							
223	440-5555-580.22-10	Retirement Contributions	\$273,141	Labor	\$289,529	\$306,901	\$325,315	\$344,834	\$365,524
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	12,000	Contractual	12,480	12,979	13,498	14,038	14,600
228	440-5555-580.45-10	Insurance / General Liability	24,477	General-Ins	25,701	26,986	28,335	29,752	31,240
229	440-5555-580.45-15	Insurance / Property	104,495	General-Ins	109,720	115,206	120,966	127,014	133,365
230	440-5555-580.45-20	Insurance / Public Officials	18,426	Labor	19,532	20,703	21,946	23,262	24,658
231	440-5555-580.45-25	Insurance / Automobile	22,040	General-Ins	23,142	24,299	25,514	26,790	28,129
232	440-5555-580.45-35	Insurance / Environmental Liability	3,711	Inflation	3,897	4,091	4,177	4,261	4,355
233	440-5555-580.46-10	Insurance / Computer/Network	1,142	Repair	1,199	1,259	1,285	1,311	1,340
234	440-5555-580.46-10	Repair & Maintenance	30,000	Repair	31,953	33,551	34,725	35,940	37,198
235	440-5555-580.49-10	Other Charges/Obligations	2,390	Inflation	2,510	2,635	2,690	2,744	2,804
236	440-5555-580.49-20	Bank Charges	0	Eliminate	0	0	0	0	0
237	440-5555-580.49-30	Insurance Deductible	0	Eliminate	0	0	0	0	0
238	440-5555-580.49-50	Write Off	0	Eliminate	0	0	0	0	0
239	440-5555-580.49-60	Hurricane Charges	0	Eliminate	0	0	0	0	0
240	440-5555-580.52-10	Operating Supplies	0	Eliminate	0	0	0	0	0
241	440-5555-580.52-10	Dep/ Right To Use Asset	0	Eliminate	0	0	0	0	0
242	440-5555-580.59-10	Expense Offset Right To	0	Eliminate	0	0	0	0	0
243	440-5555-580.62-10	Depreciation	0	Eliminate	0	0	0	0	0
244	440-5555-580.63-10	Buildings	0	Eliminate	0	0	0	0	0
245	440-5555-580.64-10	Improvements O/T Building	0	Eliminate	0	0	0	0	0
246	440-5555-580.64-10	Machinery & Equipment	0	Eliminate	0	0	0	0	0
247	440-5555-580.64-20	Motor Vehicles	0	Eliminate	0	0	0	0	0
248	440-5555-580.71-15	JCI Meters	0	Eliminate	0	0	0	0	0
249	440-5555-580.71-24	Refunding Bond Series 09	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] 2023	Escalation Factor	Projected 2024	Fiscal Year Ending September 30th,			
						2025	2026	2027	2028
250	440-5555-580.71-26	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
251	440-5555-580.71-28	BBT Cap Imp Rev Note 2014	0	Eliminate	0	0	0	0	0
252	440-5555-580.71-29	St Rev Fund-WWTP R&R 2013	0	Eliminate	0	0	0	0	0
253	440-5555-580.71-38	BBT W&S Ref Rev Bnd 2016	0	Eliminate	0	0	0	0	0
254	440-5555-580.72-13	BOA Obligation #265	0	Eliminate	0	0	0	0	0
255	440-5555-580.72-47	Right to Use Asset	0	Eliminate	0	0	0	0	0
256	440-5555-580.71-40	Veh Lse 2016 Amer Cap Svc	0	Eliminate	0	0	0	0	0
257	440-5555-580.71-42	SRF 640530 Recl X Design	0	Eliminate	0	0	0	0	0
258	440-5555-580.71-43	State Revolving Fund 640531	0	Eliminate	0	0	0	0	0
259	440-5555-580.72-15	JCI Meters	0	Eliminate	0	0	0	0	0
260	440-5555-580.72-20	State Revolving Fund	0	Eliminate	0	0	0	0	0
261	440-5555-580.72-24	Refunding Bond Series 09	0	Eliminate	0	0	0	0	0
262	440-5555-580.72-26	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
263	440-5555-580.72-28	BBT Cap Imp Rev Note 2014	0	Eliminate	0	0	0	0	0
264	440-5555-580.72-29	St Rev Fund-WWTP R&R 2013	0	Eliminate	0	0	0	0	0
265	440-5555-580.72-38	BBT W&S Ref Rev Bnd 2016	0	Eliminate	0	0	0	0	0
266	440-5555-580.72-40	Veh Lse 2016 Amer Cap Svc	0	Eliminate	0	0	0	0	0
267	440-5555-580.72-42	SRF 640530 Recl X Design	0	Eliminate	0	0	0	0	0
268	440-5555-580.72-43	State Revolving Fund 640531	0	Eliminate	0	0	0	0	0
269	440-5555-580.73-11	2013 SunTrust JCI	0	Eliminate	0	0	0	0	0
270	440-5555-580.73-21	Bond Issuance Cost - SRF	0	Eliminate	0	0	0	0	0
271	440-5555-580.73-41	BBT SRF Refinance 2012	0	Eliminate	0	0	0	0	0
272	440-5555-580.73-42	Cap Imp Rev Note Srs 2014	0	Eliminate	0	0	0	0	0
273	440-5555-580.73-43	10M UT SYS Refunding Revenue Note 2016	0	Eliminate	0	0	0	0	0
274	440-5555-581.03-31	Capital Fund	0	Eliminate	0	0	0	0	0
275	440-5555-581.04-44	Renewal And Replacement	0	Eliminate	0	0	0	0	0
276	440-5555-581.04-45	Wtr/Swr Rate Stabilization	0	Eliminate	0	0	0	0	0
277	440-5555-581.04-50	Public Works Complex - Debt Service	0	Eliminate	0	0	0	0	0
278	440-5555-581.05-01	MIS	0	Eliminate	0	0	0	0	0
279	440-5555-589.50-50	Stabilization - Estimated Savings	0	Eliminate	0	0	0	0	0
280	440-5555-581.10-01	General Fund	0	Eliminate	0	0	0	0	0
281	440-5555-589.10-01	Current Year Unreserved	0	Eliminate	0	0	0	0	0
282		Total Non-Departmental	\$512,481		\$541,147	\$570,955	\$601,691	\$634,116	\$668,348
<b><u>Other Adjustments</u></b>									
283	Contingency	Contingency - 1.00% of O&M [5]	\$95,317	Input	\$100,476	\$107,155	\$113,776	\$120,788	\$124,421
284	BadDebt	Bad Debt Expense - 0.25% of Rate Revs. [6]	33,949	Input	36,709	39,434	42,206	45,011	46,870
285	Other	Other Adjustments	(500,000)	Op Expense	0	0	0	0	0
286		Total Other Adjustments	(\$370,734)		\$137,185	\$146,589	\$155,981	\$165,799	\$171,291
287		<b>Grand Total Operating Budget</b>	<b>\$9,160,967</b>		<b>\$10,184,779</b>	<b>\$10,862,128</b>	<b>\$11,533,561</b>	<b>\$12,244,625</b>	<b>\$12,613,400</b>

**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,				
			2024	2025	2026	2027	2028
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	1.0500	1.0500	1.0210	1.0200	1.0220
5	Labor	Labor	1.0600	1.0600	1.0600	1.0600	1.0600
6	Benefits	Benefits	1.0600	1.0600	1.0600	1.0600	1.0600
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 & Maintenance	Repair	1.0651	1.0500	1.0350	1.0350	1.0350
11	Chemicals	Chemicals	1.1000	1.0700	1.0500	1.0500	1.0500
12	Electricity	Electricity	1.0868	1.0500	1.0350	1.0350	1.0350
13	Fuel & Oil	Fuel	1.1000	1.0700	1.0700	1.0700	1.0700
14	Water Customer Accounts	W-Accounts	1.0251	1.0168	1.0125	1.0084	1.0063
15	Wastewater Customer Accounts	WW-Accounts	1.0272	1.0182	1.0135	1.0090	1.0068
16	Treated Water Flows	W-Flows	1.0176	1.0119	1.0089	1.0060	1.0046
17	Treated Wastewater Flows	WW-Flows	1.0258	1.0173	1.0128	1.0086	1.0065
18	Water Flows + Chemicals	W-Chem	1.1194	1.0828	1.0594	1.0563	1.0548
19	Water Flows + Electricity	W-Elec	1.1060	1.0625	1.0442	1.0412	1.0397
20	Wastewater Flows + Chemicals	WW-Chem	1.1283	1.0885	1.0635	1.0590	1.0568
21	Wastewater Flows + Electricity	WW-Elec	1.1148	1.0681	1.0483	1.0439	1.0417
22	Change in Water Customers	W-Growth	0.8278	0.6879	0.7561	0.6774	0.7619
23	Change in Wastewater Customers	WW-Growth	0.8278	0.6879	0.7561	0.6774	0.7619
24	Change in Reclaimed Customers	RC-Growth	0.8095	0.7059	0.7500	0.6667	0.6667
25	Water Rate Revenues	W-Rev	1.0220	1.0148	1.0111	1.0075	1.0057
26	Wastewater Rate Revenues	WW-Rev	1.0247	1.0166	1.0124	1.0083	1.0062
27	Water Operational Expenses	W-Op	1.1531	1.0606	1.0641	1.0638	1.0117
28	Wastewater Operational Expenses	WW-Op	1.0797	1.0714	1.0600	1.0599	1.0453

**Footnotes:**

- [1] Fiscal Years 2024 and 2025 projected based on recent trends. Fiscal Years 2026 through 2028 based on estimated projections from "Budget and Economic Outlook: 2023 to 2033", published by the Congressional Budget Office in February 2023.
- [2] Based on discussions with City staff.

**Derivation of Select Escalation Factors**

	2023	2024	2025	2026	2027	2028
<b><u>Projected Water Customers</u></b>						
Average Accounts	11,879	12,177	12,382	12,537	12,642	12,722
Annual Change	360	298	205	155	105	80
Percentage Change	3.125%	2.509%	1.684%	1.252%	0.838%	0.633%
<b><u>Projected Wastewater Customers</u></b>						
Average Accounts	10,962	11,260	11,465	11,620	11,725	11,805
Annual Change	360	298	205	155	105	80
Percentage Change	3.395%	2.718%	1.821%	1.352%	0.904%	0.682%
<b><u>Projected Reclaimed Customers</u></b>						
Average Accounts	3,565	3,650	3,710	3,755	3,785	3,805
Annual Change	105	85	60	45	30	20
Percentage Change	3.035%	2.384%	1.644%	1.213%	0.799%	0.528%
<b><u>Projected Treated Water Flows</u></b>						
Total Annual Flows	714,152	726,740	735,415	741,985	746,452	749,866
Annual Change	38,948	12,588	8,674	6,570	4,467	3,415
Percentage Change	5.768%	1.763%	1.194%	0.893%	0.602%	0.457%

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

**Summary of Projected Escalation Factors**

<u>Projected Wastewater Treated Flows</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Total Annual Flows	649,472	666,199	677,706	686,406	692,300	696,791
Annual Change	20,207	16,727	11,507	8,700	5,894	4,491
Percentage Change	3.211%	2.576%	1.727%	1.284%	0.859%	0.649%
<u>Projected Water Rate Revenues</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Water Rate Revenues - Existing Rates	\$5,380,736	\$5,499,027	\$5,580,678	\$5,642,631	\$5,684,885	\$5,717,290
Annual Change	142,717	118,291	81,651	61,953	42,254	32,405
Percentage Change	2.725%	2.198%	1.485%	1.110%	0.749%	0.570%
<u>Projected Wholesale Water Rate Revenues</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Water Rate Revenues - Existing Rates	\$713,715	\$713,715	\$713,715	\$713,715	\$713,715	\$713,715
Annual Change	0	0	0	0	0	0
Percentage Change	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
<u>Projected Wastewater &amp; Reclaimed Rate Revenues</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Wastewater & Reclaimed Rate Revenues - Existing Rates	\$7,485,247	\$7,669,988	\$7,797,340	\$7,893,659	\$7,958,947	\$8,008,433
Annual Change	361,222	184,741	127,352	96,320	65,288	49,487
Percentage Change	4.974%	2.468%	1.660%	1.235%	0.827%	0.622%
<u>Projected Water Operation and Maintenance Expense</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Projected Water Operation and Maintenance Expense	\$4,002,239	\$4,615,079	\$4,894,914	\$5,208,435	\$5,540,894	\$5,605,813
Rate of Change	N/A	15.31%	6.06%	6.41%	6.38%	1.17%
<u>Projected Wastewater Operation and Maintenance Expense</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Projected Wastewater Operation and Maintenance Expense	\$5,158,729	\$5,569,700	\$5,967,213	\$6,325,126	\$6,703,731	\$7,007,587
Rate of Change	N/A	7.97%	7.14%	6.00%	5.99%	4.53%

**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	
				2023	2024	2025	2026	2027		2028
<b><u>CIP Escalation Factor Alternatives</u></b>										
<b><u>General Project Escalators</u></b>										
1	No Assumed Escalation (0.0% per Year)	None		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
2	Capital Outlay (3.5% per Year)	Outlay		1.0000	1.0350	1.0661	1.0980	1.1310	1.1649	
3	ENR Index Average (3.75% 1st Year, 3% onward)	ENR		1.0000	1.0375	1.0700	1.1000	1.1300	1.1600	
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>Water System:</u></b>										
6	Airpark Rd Water Main Connection	ENR	W-Impact	\$0	\$280,125	\$0	\$0	\$0	\$0	\$280,125
7	US-1 Water Main: Oak Branch Dr to Joseph St (Caterts Motel)	ENR	W-Impact	0	0	160,500	0	0	0	160,500
8	Flexnet Smart Water Meter Network	None	Other	337,414	256,395	257,210	258,048	258,912	0	1,367,979
9	New York Street Water Improvements	ENR	W-Op	25,000	0	0	0	0	0	25,000
10	FOPS: Flexnet Additional Antenna at SEBS	ENR	W-Op	26,036	0	0	0	0	0	26,036
11	Safe Room @ ARWTP & Hardening of Ops Bldg	ENR	Grant	0	0	0	330,000	0	0	330,000
12	Two Inch Water Line Replacements	ENR	W-R&R	748,524	518,750	535,000	550,000	678,000	696,000	3,726,274
13	Two Inch Water Line Replacements (Split Funding)	ENR	W-Op	500,000	0	0	0	0	0	500,000
14	Unspecified Water	ENR	W-R&R	12,207	311,250	0	0	0	0	323,457
15	PABS Site Improvement Construction	ENR	Junior1	0	3,112,500	0	0	0	0	3,112,500
16	Painting Steel Tanks & Beams at ARTWTP	ENR	W-R&R	0	155,625	0	0	0	0	155,625
17	Retrofit Riverside Drive Reclaimed Water Ext	ENR	W-Impact	0	0	0	0	0	0	0
18	Retrofit Riverside Drive Reclaimed Water Ext (Split Funding)	ENR	Grant	0	0	0	0	0	0	0
19	Public Works Building (Allocation)	ENR	Senior1	0	5,187,500	0	0	0	0	5,187,500
20	Public Works Building (Allocation) (Split Funding)	ENR	W-Rates	0	0	0	0	0	58,000	58,000
21	Hart Avenue Area Water Main Improvements	ENR	W-Op	1,168,657	0	0	0	0	0	1,168,657
22	Hart Avenue Area Water Main Improvements (Split Funding)	ENR	W-Rates	0	0	0	0	0	0	0
23	Park Ave & US-1 Intersection WM Relocation	ENR	W-Op	250,000	0	0	0	0	0	250,000
24	Park Ave & US-1 Intersection WM Relocation (Split Funding)	ENR	Junior1	0	1,123,646	0	0	0	0	1,123,646
25	Unforeseen Repairs at ARTWTP	ENR	W-Op	125,000	129,688	0	0	0	0	254,688
26	Volco Rd Water Main (NEW)	ENR	W-Impact	0	0	0	1,732,500	0	0	1,732,500
27	Fire Hydrants - Add 10 (NEW)	ENR	W-Op	0	0	0	0	0	0	0
28	GRATING & CON WTR TREAT	ENR	W-Op	115,000	0	0	0	0	0	115,000
29	ARTWTP AUX POWER REPLACEMENT	ENR	W-Op	125,000	129,688	0	0	0	0	254,688
30	ARTWTP AUX POWER REPLACE	ENR	W-Op	0	0	0	0	0	0	0
31	PABS Engine Park Ave. Boost	ENR	W-Op	168,843	0	0	0	0	0	168,843
32	Hart Avenue Drainage GF	ENR	Grant	8,694	0	0	0	0	0	8,694
33	Other Miscellaneous Adjustments	ENR	W-R&R	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34	Budgetary Capital Outlay	Outlay	W-Rates	\$172,498	\$137,863	\$141,999	\$146,259	\$150,647	\$155,166	\$904,431
35	Subtotal Water System			\$3,782,873	\$11,343,029	\$1,094,709	\$3,016,807	\$1,087,559	\$909,166	\$21,234,142

**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
				2023	2024	2025	2026	2027	2028	
<b>Wastewater System:</b>										
36	Flexnet Smart Water Meter Network	None	Other	\$310,572	\$235,999	\$236,748	\$237,520	\$238,315	\$0	\$1,259,154
37	FOPS: Flexnet Additional Antenna at SEBS	ENR	S-Op	23,964	0	0	0	0	0	23,964
38	Safe Room @ WWTP & Hardening of Ops Bldg	ENR	S-Op	8,750	86,250	0	0	0	0	95,000
39	Safe Room @ WWTP & Hardening of Ops Bldg (Split Funding)	ENR	Grant	26,250	225,000	0	0	0	0	251,250
40	Unspecified Sewer	ENR	S-Op	221,986	311,250	0	0	0	0	533,236
41	Reclaimed Ponds Sites: Mango Lake, Eels Grove Lake	ENR	Junior2	0	0	716,900	0	0	0	716,900
42	Reclaimed Ponds Sites: Mango Lake, Eels Grove Lake (Split Funding)	ENR	Grant	0	0	353,100	0	0	0	353,100
43	Reclaimed Water Ext to Oak Leaf Preserve	ENR	S-Impact	0	0	788,590	0	0	0	788,590
44	Reclaimed Water Ext to Oak Leaf Preserve (Split Funding)	ENR	Grant	0	0	388,410	0	0	0	388,410
45	Retrofit Riverside Drive Reclaimed Water Ext	ENR	S-Impact	0	0	0	0	115,260	0	115,260
46	Retrofit Riverside Drive Reclaimed Water Ext (Split Funding)	ENR	Grant	0	0	0	0	562,740	0	562,740
47	Lift Station Refurbishments (3 Each Year)	ENR	S-R&R	450,000	466,875	963,000	990,000	1,017,000	1,044,000	4,930,875
48	LS # 3 Refurbishment & Antenna Relocation	ENR	S-Op	89,941	0	0	0	0	0	89,941
49	Lift Station #1 and #2 Generators	ENR	S-Rates	75,000	0	0	0	0	0	75,000
50	Lift Station #1 and #2 Generators (Split Funding)	ENR	Grant	225,000	0	0	0	0	0	225,000
51	Manhole Lining	ENR	S-R&R	0	207,500	321,000	330,000	395,500	406,000	1,660,000
52	Sewer Main Slip-Lining	ENR	S-R&R	0	311,250	321,000	330,000	395,500	406,000	1,763,750
53	Submersible Pump Replacements (LS)	ENR	S-Rates	125,122	103,750	133,750	137,500	141,250	145,000	786,372
54	Telemetry at Lift Stations	ENR	S-Rates	40,646	0	0	0	0	0	40,646
55	Public Works Building (Allocation)	ENR	Senior1	0	5,187,500	0	0	0	0	5,187,500
56	Public Works Building (Allocation) (Split Funding)	ENR	S-Rates	0	0	0	0	0	58,000	58,000
57	Lift Station Emergency Pumping Capabilities - Site Installed	ENR	Grant	0	0	0	0	282,500	290,000	572,500
58	Lift Station Stand By Pumps	ENR	S-Op	249,667	0	0	0	0	0	249,667
59	ARPA Sewer Infiltration Improvements	ENR	S-Impact	524,650	0	0	0	0	0	524,650
60	ARPA Sewer Infiltration Improvements (Split Funding)	ENR	S-R&R	1,979,418	0	0	0	0	0	1,979,418
61	Unforeseen Repairs at Wastewater Treatment Plant	ENR	S-Op	125,000	129,688	0	0	0	0	254,688
62	WWTP 2.5 MGD Expansion	ENR	S-Impact	0	0	0	0	0	986,000	986,000
63	Pearl Street Sewer Line	ENR	S-Op	40,900	0	0	0	0	0	40,900
64	Gear Reducer Replacement	ENR	S-Op	42,349	0	0	0	0	0	42,349
65	LIFT STATION 11 REHAB	ENR	S-Op	34,421	259,375	0	0	0	0	293,796
66	WWC: EMERGENCY PUMP CAP	ENR	S-Op	250,000	0	0	0	0	0	250,000
68	FLT & CHEM FD BLD WLK WAY	ENR	S-Op	50,000	51,875	0	0	0	0	101,875
69	RAS PUMP REPLACE	ENR	S-Op	0	103,750	0	0	0	0	103,750
70	Other Miscellaneous Adjustments	ENR	S-R&R	\$0	\$0	\$0	\$0	\$0	\$0	\$0
71	Budgetary Capital Outlay	Outlay	S-Rates	\$280,759	\$224,387	\$231,119	\$238,052	\$245,194	\$252,550	\$1,472,060
72	Subtotal Wastewater System			\$5,174,395	\$7,904,448	\$4,453,617	\$2,263,072	\$3,393,259	\$3,587,550	\$26,776,341
73	<b>Total Combined System CIP</b>			<b>\$8,957,268</b>	<b>\$19,247,477</b>	<b>\$5,548,326</b>	<b>\$5,279,879</b>	<b>\$4,480,817</b>	<b>\$4,496,716</b>	<b>\$48,010,483</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
				2023	2024	2025	2026	2027	2028	
<b><u>Project Funding Sources Summary</u></b>										
<b>Water Funding Sources:</b>										
74	Water Rates		W-Rates	\$172,498	\$137,863	\$141,999	\$146,259	\$150,647	\$213,166	\$962,431
75	Operating Fund		W-Op	2,503,536	259,375	0	0	0	0	2,762,911
76	Renewal and Replacement Fund		W-R&R	760,731	985,625	535,000	550,000	678,000	696,000	4,205,356
77	Water Development Fees		W-Impact	0	280,125	160,500	1,732,500	0	0	2,173,125
78	Grants		Grant	8,694	0	0	330,000	0	0	338,694
79	Existing Bond Proceeds		ExistingBond	0	0	0	0	0	0	0
80	Additional Senior Lien Debt 1		Senior1	0	5,187,500	0	0	0	0	5,187,500
81	Additional Senior Lien Debt 2		Senior2	0	0	0	0	0	0	0
82	Additional Senior Lien Debt 3		Senior3	0	0	0	0	0	0	0
83	Additional Senior Lien Debt 4		Senior4	0	0	0	0	0	0	0
84	Additional Subordinate Lien Debt 1		Junior1	0	4,236,146	0	0	0	0	4,236,146
85	Additional Subordinate Lien Debt 2		Junior2	0	0	0	0	0	0	0
86	Additional Subordinate Lien Debt 3		Junior3	0	0	0	0	0	0	0
87	Additional Subordinate Lien Debt 4		Junior4	0	0	0	0	0	0	0
88	Assessments		Assessments	0	0	0	0	0	0	0
89	Unfunded / Other Funding Sources		Other	337,414	256,395	257,210	258,048	258,912	0	1,367,979
90	Subtotal Water Funding Sources			\$3,782,873	\$11,343,029	\$1,094,709	\$3,016,807	\$1,087,559	\$909,166	\$21,234,142
<b>Wastewater Funding Sources:</b>										
91	Wastewater Rates		S-Rates	\$521,527	\$328,137	\$364,869	\$375,552	\$386,444	\$455,550	\$2,432,078
92	Operating Fund		S-Op	1,136,978	942,188	0	0	0	0	2,079,166
93	Renewal and Replacement Fund		S-R&R	2,429,418	985,625	1,605,000	1,650,000	1,808,000	1,856,000	10,334,043
94	Wastewater Development Fees		S-Impact	524,650	0	788,590	0	115,260	986,000	2,414,500
95	Grants		Grant	251,250	225,000	741,510	0	845,240	290,000	2,353,000
96	Existing Bond Proceeds		ExistingBond	0	0	0	0	0	0	0
97	Additional Senior Lien Debt 1		Senior1	0	5,187,500	0	0	0	0	5,187,500
98	Additional Senior Lien Debt 2		Senior2	0	0	0	0	0	0	0
99	Additional Senior Lien Debt 3		Senior3	0	0	0	0	0	0	0
100	Additional Senior Lien Debt 4		Senior4	0	0	0	0	0	0	0
101	Additional Subordinate Lien Debt 1		Junior1	0	0	0	0	0	0	0
102	Additional Subordinate Lien Debt 2		Junior2	0	0	716,900	0	0	0	716,900
103	Additional Subordinate Lien Debt 3		Junior3	0	0	0	0	0	0	0
104	Additional Subordinate Lien Debt 4		Junior4	0	0	0	0	0	0	0
105	Assessments		Assessments	0	0	0	0	0	0	0
106	Unfunded / Other Funding Sources		Other	310,572	235,999	236,748	237,520	238,315	0	1,259,154
107	Subtotal Wastewater Funding Sources			\$5,174,395	\$7,904,448	\$4,453,617	\$2,263,072	\$3,393,259	\$3,587,550	\$26,776,341

**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	
				2023	2024	2025	2026	2027		2028
<b>Total Funding Sources:</b>										
108	Water & Wastewater Rates		Rates	\$694,025	\$466,000	\$506,868	\$521,811	\$537,090	\$668,716	\$3,394,509
109	Operating Fund		Op	3,640,514	1,201,563	0	0	0	0	4,842,077
110	Renewal and Replacement Fund		R&R	3,190,149	1,971,250	2,140,000	2,200,000	2,486,000	2,552,000	14,539,399
111	Water and Wastewater Development Fees		Impact Fees	524,650	280,125	949,090	1,732,500	115,260	986,000	4,587,625
112	Grants		Grant	259,944	225,000	741,510	330,000	845,240	290,000	2,691,694
113	Existing Bond Proceeds		ExistingBond	0	0	0	0	0	0	0
114	Additional Senior Lien Debt 1		Senior1	0	10,375,000	0	0	0	0	10,375,000
115	Additional Senior Lien Debt 2		Senior2	0	0	0	0	0	0	0
116	Additional Senior Lien Debt 3		Senior3	0	0	0	0	0	0	0
117	Additional Senior Lien Debt 4		Senior4	0	0	0	0	0	0	0
118	Additional Subordinate Lien Debt 1		Junior1	0	4,236,146	0	0	0	0	4,236,146
119	Additional Subordinate Lien Debt 2		Junior2	0	0	716,900	0	0	0	716,900
120	Additional Subordinate Lien Debt 3		Junior3	0	0	0	0	0	0	0
121	Additional Subordinate Lien Debt 4		Junior4	0	0	0	0	0	0	0
122	Assessments		Assessments	0	0	0	0	0	0	0
123	Unfunded / Other Funding Sources		Other	647,986	492,394	493,958	495,568	497,227	0	2,627,133
124	<b>Total Funding Sources</b>			<u>\$8,957,268</u>	<u>\$19,247,477</u>	<u>\$5,548,326</u>	<u>\$5,279,879</u>	<u>\$4,480,817</u>	<u>\$4,496,716</u>	<u>\$48,010,483</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,					
		2023	2024	2025	2026	2027	2028
<b>Water System:</b>							
<b><u>Existing Debt Service:</u></b>							
1	Utility System Refunding Revenue Note, Series 2016	\$408,899	\$409,065	\$409,030	\$408,794	\$0	\$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.	0	0	0	0	0	0
6	SRF Loan - #WW640531	0	0	0	0	0	0
7	<b>Total Existing Debt Service Payments</b>	<b>\$408,899</b>	<b>\$409,065</b>	<b>\$409,030</b>	<b>\$408,794</b>	<b>\$0</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	\$400,358	\$400,358	\$400,358	\$400,358	\$400,358
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>\$400,358</b>	<b>\$400,358</b>	<b>\$400,358</b>	<b>\$400,358</b>	<b>\$400,358</b>
<b><u>Proposed Subordinate Lien Debt:</u></b>							
13	Additional Subordinate Lien Debt 1	\$0	\$0	\$140,482	\$280,964	\$280,964	\$280,964
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>\$140,482</b>	<b>\$280,964</b>	<b>\$280,964</b>	<b>\$280,964</b>
18	<b>Total Proposed Debt Service Payments</b>	<b>\$0</b>	<b>\$400,358</b>	<b>\$540,840</b>	<b>\$681,322</b>	<b>\$681,322</b>	<b>\$681,322</b>
19	<b>Total Existing and Proposed Debt Service Payments</b>	<b>\$408,899</b>	<b>\$809,423</b>	<b>\$949,870</b>	<b>\$1,090,116</b>	<b>\$681,322</b>	<b>\$681,322</b>
<b>Wastewater System</b>							
<b><u>Existing Debt Service:</u></b>							
20	Utility System Refunding Revenue Note, Series 2016	\$665,527	\$665,798	\$665,741	\$665,356	\$0	\$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	36,597	30,362	0	0	0	0
24	Vehicle Lease 2016 Amer Cap Svc.	0	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>\$1,311,141</b>	<b>\$1,305,176</b>	<b>\$1,274,758</b>	<b>\$1,274,373</b>	<b>\$609,017</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	\$400,358	\$400,358	\$400,358	\$400,358	\$400,358
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>\$400,358</b>	<b>\$400,358</b>	<b>\$400,358</b>	<b>\$400,358</b>	<b>\$400,358</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	25,038	50,076	50,076
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>\$25,038</b>	<b>\$50,076</b>	<b>\$50,076</b>
37	<b>Total Proposed Debt Service Payments</b>	<b>\$0</b>	<b>\$400,358</b>	<b>\$400,358</b>	<b>\$425,395</b>	<b>\$450,433</b>	<b>\$450,433</b>
38	<b>Total Existing and Proposed Debt Service Payments</b>	<b>\$1,311,141</b>	<b>\$1,705,534</b>	<b>\$1,675,115</b>	<b>\$1,699,769</b>	<b>\$1,059,450</b>	<b>\$1,059,450</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,					
		2023	2024	2025	2026	2027	2028
<b>Combined System</b>							
<b><u>Existing Debt Service:</u></b>							
39	Utility System Refunding Revenue Note, Series 2016	1,074,426	1,074,863	1,074,771	1,074,150	0	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	36,597	30,362	0	0	0	0
43	Vehicle Lease 2016 Amer Cap Svc.	0	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>\$1,720,039</u>	<u>\$1,714,241</u>	<u>\$1,683,788</u>	<u>\$1,683,167</u>	<u>\$609,017</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	\$800,715	\$800,715	\$800,715	\$800,715	\$800,715
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>\$800,715</u>	<u>\$800,715</u>	<u>\$800,715</u>	<u>\$800,715</u>	<u>\$800,715</u>
<b><u>Proposed Subordinate Lien Debt:</u></b>							
51	Additional Subordinate Lien Debt 1	\$0	\$0	\$140,482	\$280,964	\$280,964	\$280,964
52	Additional Subordinate Lien Debt 2	0	0	0	25,038	50,076	50,076
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>\$140,482</u>	<u>\$306,002</u>	<u>\$331,040</u>	<u>\$331,040</u>
56	Total Proposed Debt Service Payments	<u>\$0</u>	<u>\$800,715</u>	<u>\$941,197</u>	<u>\$1,106,717</u>	<u>\$1,131,755</u>	<u>\$1,131,755</u>
57	<b>Total Existing and Proposed Debt Service Payments</b>	<u><u>\$1,720,039</u></u>	<u><u>\$2,514,957</u></u>	<u><u>\$2,624,985</u></u>	<u><u>\$2,789,884</u></u>	<u><u>\$1,740,772</u></u>	<u><u>\$1,740,772</u></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,				
		2023	2024	2025	2026	2027	2028
<b>Renewal and Replacement Fund Transfer</b>							
1	Prior Fiscal Year						2027
2	Prior Fiscal Year Rate Revenues	\$14,778,374	\$14,420,986	\$15,457,910	\$16,465,060	\$17,529,045	\$18,605,547
3	Renewal and Replacement Minimum Fund Balance [1]	\$2,132,365	\$2,947,833	\$3,062,572	\$3,157,902	\$3,208,209	\$3,254,835
4	Renewal and Replacement Fund Balance Ending Balance	\$236,465	\$356,258	\$534,944	\$804,703	\$948,060	\$1,186,892
5	Minimum Required Transfer	\$738,919	\$721,049	\$772,895	\$823,253	\$876,452	\$930,277
6	Renewal and Replacement Transfer Factor (% of Revenue)	14.0%	14.5%	15.0%	15.0%	15.0%	15.0%
7	Renewal and Replacement Fund Transfer Amount	\$2,068,972	\$2,091,043	\$2,318,686	\$2,469,759	\$2,629,357	\$2,790,832
8	Additional Deposit to Meet Minimum Required Transfer	0	0	0	0	0	0
9	Renewal and Replacement Fund Transfer Amount	\$2,068,972	\$2,091,043	\$2,318,686	\$2,469,759	\$2,629,357	\$2,790,832
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	\$958,103	\$968,323	\$1,073,740	\$1,143,699	\$1,217,606	\$1,292,382
13	Wastewater Allocation of Transfer - Subtotal	1,110,870	1,122,720	1,244,946	1,326,060	1,411,751	1,498,450
14	Annual Renewal and Replacement Transfer - Subtotal	\$2,068,972	\$2,091,043	\$2,318,686	\$2,469,759	\$2,629,357	\$2,790,832
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	\$958,103	\$968,323	\$1,073,740	\$1,143,699	\$1,217,606	\$1,292,382
19	Wastewater Allocation of Transfer	1,110,870	1,122,720	1,244,946	1,326,060	1,411,751	1,498,450
20	Annual Renewal and Replacement Transfer	\$2,068,972	\$2,091,043	\$2,318,686	\$2,469,759	\$2,629,357	\$2,790,832

Footnotes:

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

**Table 1-16**  
**City of Edgewater, Florida**  
**Stormwater Utility Rate Study**

**Projection of Charter Reserve Fund Transfers**

Line No.	Description	Fiscal Year Ending September 30th,					
		2023	2024	2025	2026	2027	2028
<b><u>Charter Reserve Transfer</u></b>							
1	Adjustment to Charter Reserve Deposit Transfer	\$0	\$121,479	\$121,479	\$121,479	\$121,479	\$121,479
2	Allocation to Water System (% of Rate Revenues)	44.88%	44.80%	44.79%	44.80%	44.82%	44.89%
3	Allocation to Wastewater System (% of Rate Revenues)	55.12%	55.20%	55.21%	55.20%	55.18%	55.11%
4	Allocation to Water System	\$0	\$54,423	\$54,409	\$54,417	\$54,447	\$54,536
5	Allocation to Wastewater System	\$0	\$67,055	\$67,070	\$67,062	\$67,032	\$66,942
6	Total Charter Reserve Fund Deposit	<u>\$0</u>	<u>\$121,479</u>	<u>\$121,479</u>	<u>\$121,479</u>	<u>\$121,479</u>	<u>\$121,479</u>

**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,				
		2023	2024	2025	2026	2027	2028
<b>Payment In Lieu of Franchise Fees</b>							
1	Prior Year	2022	2023	2024	2025	2026	2027
2	Prior Year Revenues	\$14,778,374	\$14,420,986	\$15,457,910	\$16,465,060	\$17,529,045	\$18,605,547
3	Payment In Lieu of Franchise Fees Factor (% of Revenue)	5.3%	5.9%	5.9%	5.9%	5.9%	5.9%
4	Payment In Lieu of Franchise Fees Amount	\$786,519	\$850,838	\$912,017	\$971,439	\$1,034,214	\$1,097,727
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	\$364,222	\$394,007	\$422,338	\$449,855	\$478,925	\$508,337
8	Wastewater Allocation of Transfer	422,297	456,831	489,679	521,583	555,289	589,390
9	Annual Payment In Lieu of Franchise Fees	\$786,519	\$850,838	\$912,017	\$971,439	\$1,034,214	\$1,097,727

**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	2023	2024	2025	2026	2027	2028
<b><u>Year End Cash Balances Roll-Up:</u></b>									
1	Water and Wastewater Operating Fund (440)	(U)	(U)	\$7,171,880	\$5,345,164	\$4,607,635	\$3,871,445	\$4,311,949	\$4,748,869
2	Charter Reserve Fund	(U)	(U)	1,646,039	1,767,518	1,888,997	2,010,476	2,131,954	2,253,433
3	Customer Deposits (Sub 440A)	(R)	(R)	788,827	790,799	792,776	794,758	796,745	798,737
4	Water Development Fee Fund (442)	(R)	(R)	2,282,756	2,520,589	2,704,758	1,221,855	1,376,344	1,484,435
5	Wastewater Development Fee Fund (443)	(R)	(R)	2,608,356	3,447,433	3,215,771	3,620,816	3,759,180	2,949,916
6	Renewal and Replacement Fund (444)	(U)	(U)	236,465	356,258	534,944	804,703	948,060	1,186,892
7	Rate Stabilization Fund (445)	(U)	(U)	0	0	0	0	0	0
8	Debt Service Reserve Fund	(R)	(U)	1,522,713	1,522,713	1,522,713	1,522,713	1,522,713	1,522,713
9	Proposed Bonds Construction Fund	(R)	(R)	0	0	0	0	0	0
10	Total Ending Cash Balances			\$16,257,037	\$15,750,475	\$15,267,594	\$13,846,767	\$14,846,945	\$14,944,996
11	Unrestricted Reserves (Operating, Rate Stabilization, and R&R)			\$7,408,345	\$5,701,422	\$5,142,579	\$4,676,149	\$5,260,009	\$5,935,761
12	Days of Revenues			199	142	119	101	107	116
13	Unrestricted Reserves (Operating, Rate Stabilization, Charter Reserve, and R&R)			\$9,054,384	\$7,468,940	\$7,031,576	\$6,686,624	\$7,391,963	\$8,189,194
14	Days of Revenues			243	186	163	145	150	159
<b>Water and Wastewater Operating Fund (440)</b>									
15	Beginning Balance			\$9,350,372	\$7,171,880	\$5,345,164	\$4,607,635	\$3,871,445	\$4,311,949
16	Transfers In - Revenue Requirements			13,579,698	14,683,592	15,773,635	16,882,208	18,004,318	18,747,990
17	Transfers In - Rate Stabilization Fund (As Cash Transfer Not Revenue)			1,313,918	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			6,000	0	0	0	0	0
22	Transfers In - Debt Service Reserve			0	0	0	0	0	0
23	Transfers Out - Revenue Requirements			13,437,593	15,308,746	16,511,165	17,618,397	17,563,814	18,311,069
24	Transfers Out - Capital Improvements			3,640,514	1,201,563	0	0	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)	\$20,653	\$15,646	\$12,441	\$10,599	\$10,229	\$11,326
	Recognition of Interest Income								
29	in Revenue Requirements			\$20,653	\$15,646	\$12,441	\$10,599	\$10,229	\$11,326
30	Ending Balance		(U)	\$7,171,880	\$5,345,164	\$4,607,635	\$3,871,445	\$4,311,949	\$4,748,869
31	Target Days of Available Cash: 90 Days of Revenue			3,348,419	3,620,612	3,889,389	4,162,736	4,439,421	4,622,792
32	Calculated Days of Available Cash (Revenue)			193	133	107	84	87	92
33	Percent Allocable to Water System			44.88%	44.80%	44.79%	44.80%	44.82%	44.89%
34	Percent Allocable to Wastewater System			55.12%	55.20%	55.21%	55.20%	55.18%	55.11%
35	Amount Allocable to Water System			\$9,269	\$7,010	\$5,572	\$4,748	\$4,585	\$5,085
36	Amount Allocable to Wastewater System			11,384	8,637	6,869	5,851	5,644	6,241
<b>Customer Deposits (Sub 440A)</b>									
37	Beginning Balance			\$786,860	\$788,827	\$790,799	\$792,776	\$794,758	\$796,745
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)	\$1,967	\$1,972	\$1,977	\$1,982	\$1,987	\$1,992
	Recognition of Interest Income								
42	in Revenue Requirements			\$0	\$0	\$0	\$0	\$0	\$0
43	Ending Balance		(R)	\$788,827	\$790,799	\$792,776	\$794,758	\$796,745	\$798,737
44	Percent Allocable to Water System			52.07%	52.07%	52.07%	52.07%	52.07%	52.07%
45	Percent Allocable to Wastewater System			47.93%	47.93%	47.93%	47.93%	47.93%	47.93%
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			\$1,650,006	\$2,282,756	\$2,520,589	\$2,704,758	\$1,221,855	\$1,376,344
49	Transfers In			672,840	556,962	383,145	289,695	196,245	149,520
50	Transfers Out - CIP			0	280,125	160,500	1,732,500	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)	\$4,910	\$5,997	\$6,524	\$4,902	\$3,244	\$3,572
	Recognition of Interest Income								
55	in Revenue Requirements			\$0	\$0	\$0	\$0	\$0	\$0
56	Ending Balance		(R)	\$2,282,756	\$2,520,589	\$2,704,758	\$1,221,855	\$1,376,344	\$1,484,435

**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	2023	2024	2025	2026	2027	2028
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
<b>Wastewater Development Fee Fund (443)</b>									
61	Beginning Balance			\$2,107,000	\$2,608,356	\$3,447,433	\$3,215,771	\$3,620,816	\$3,759,180
62	Transfers In			1,095,120	906,516	623,610	471,510	319,410	243,360
63	Transfers Out - CIP			524,650	0	788,590	0	115,260	986,000
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)	\$5,887	\$7,560	\$8,319	\$8,535	\$9,213	\$8,376
	Recognition of Interest Income								
68	in Revenue Requirements			\$0	\$0	\$0	\$0	\$0	\$0
69	Ending Balance		(R)	\$2,608,356	\$3,447,433	\$3,215,771	\$3,620,816	\$3,759,180	\$2,949,916
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			\$1,357,641	\$236,465	\$356,258	\$534,944	\$804,703	\$948,060
75	Transfers In - Annual Operations			2,068,972	2,091,043	2,318,686	2,469,759	2,629,357	2,790,832
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			3,190,149	1,971,250	2,140,000	2,200,000	2,486,000	2,552,000
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)	\$1,993	\$741	\$1,114	\$1,675	\$2,191	\$2,669
	Recognition of Interest Income								
82	in Revenue Requirements			\$1,993	\$741	\$1,114	\$1,675	\$2,191	\$2,669
83	Ending Balance		(U)	\$236,465	\$356,258	\$534,944	\$804,703	\$948,060	\$1,186,892
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			\$923	\$343	\$516	\$775	\$1,015	\$1,236
87	Amount Allocable to Wastewater System			1,070	398	598	899	1,176	1,433
<b>Rate Stabilization Fund (445)</b>									
88	Beginning Balance			\$1,313,918	\$0	\$0	\$0	\$0	\$0
89	Transfers In			0	0	0	0	0	0
90	Transfers Out - As Cash			1,313,918	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)	\$1,642	\$0	\$0	\$0	\$0	\$0
	Recognition of Interest Income								
94	in Revenue Requirements			\$1,642	\$0	\$0	\$0	\$0	\$0
95	Ending Balance		(U)	\$0	\$0	\$0	\$0	\$0	\$0
96	Percent Allocable to Water System			45.04%	45.04%	45.04%	45.04%	45.04%	45.04%
97	Percent Allocable to Wastewater System			54.96%	54.96%	54.96%	54.96%	54.96%	54.96%
98	Amount Allocable to Water System			\$740	\$0	\$0	\$0	\$0	\$0
99	Amount Allocable to Wastewater System			903	0	0	0	0	0
<b>Charter Reserve Fund</b>									
100	Beginning Balance			\$1,646,039	\$1,646,039	\$1,767,518	\$1,888,997	\$2,010,476	\$2,131,954
101	Transfers In			0	121,479	121,479	121,479	121,479	121,479
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)	\$4,115	\$4,267	\$4,571	\$4,874	\$5,178	\$5,482
	Recognition of Interest Income								
105	in Revenue Requirements			\$4,115	\$4,267	\$4,571	\$4,874	\$5,178	\$5,482
106	Ending Balance		(U)	\$1,646,039	\$1,767,518	\$1,888,997	\$2,010,476	\$2,131,954	\$2,253,433

**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	2023	2024	2025	2026	2027	2028
107	Percent Allocable to Water System			45.04%	45.04%	45.04%	45.04%	45.04%	45.04%
108	Percent Allocable to Wastewater System			54.96%	54.96%	54.96%	54.96%	54.96%	54.96%
109	Amount Allocable to Water System			\$1,854	\$1,922	\$2,059	\$2,196	\$2,332	\$2,469
110	Amount Allocable to Wastewater System			2,262	2,345	2,512	2,679	2,846	3,013

**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	2023	2024	2025	2026	2027	2028
<b>Debt Service Reserve Fund</b>									
111	Beginning Balance			\$1,522,713	\$1,522,713	\$1,522,713	\$1,522,713	\$1,522,713	\$1,522,713
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)	\$3,807	\$3,807	\$3,807	\$3,807	\$3,807	\$3,807
	Recognition of Interest Income								
124	in Revenue Requirements			\$3,807	\$3,807	\$3,807	\$3,807	\$3,807	\$3,807
125	Ending Balance	(R)		\$1,522,713	\$1,522,713	\$1,522,713	\$1,522,713	\$1,522,713	\$1,522,713
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			\$1,903	\$1,903	\$1,903	\$1,903	\$1,903	\$1,903
129	Amount Allocable to Wastewater System			1,903	1,903	1,903	1,903	1,903	1,903
<b>Proposed Bonds Construction Fund</b>									
130	Beginning Balance			\$0	\$0	\$0	\$0	\$0	\$0
131	Transfers In			0	10,375,000	0	0	0	0
132	Transfers Out - CIP			0	10,375,000	0	0	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			\$1,720,039	\$2,514,957	\$2,624,985	\$2,789,884	\$1,740,772	\$1,740,772
142	Average Balance	(R)		430,010	628,739	656,246	697,471	435,193	435,193
143	Interest Rate			0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
144	Interest Income		(U)	\$1,075	\$1,572	\$1,641	\$1,744	\$1,088	\$1,088
	Recognition of Interest Income								
145	in Revenue Requirements			\$1,075	\$1,572	\$1,641	\$1,744	\$1,088	\$1,088
146	Percent Allocable to Water System			23.77%	32.18%	36.19%	39.07%	39.14%	39.14%
147	Percent Allocable to Wastewater System			76.23%	67.82%	63.81%	60.93%	60.86%	60.86%
148	Amount Allocable to Water System			\$256	\$506	\$594	\$681	\$426	\$426
149	Amount Allocable to Wastewater System			819	1,066	1,047	1,062	662	662
<b>Interest Income:</b>									
150	Unrestricted Interest Income - Water (Includes GF Payback Interest)			14204.05146	\$11,684	\$10,644	\$10,304	\$10,261	\$11,119
151	Unrestricted Interest Income - Wastewater (Includes GF Payback Interest)			17,438	14,349	12,929	12,395	12,232	13,252
152	Total Unrestricted Interest Income			\$31,642	\$26,033	\$23,573	\$22,698	\$22,493	\$24,371
153	Restricted Interest Income			\$12,764	\$15,529	\$16,819	\$15,419	\$14,444	\$13,939
154	<b>Total Interest Income</b>			<b>\$44,406</b>	<b>\$41,562</b>	<b>\$40,392</b>	<b>\$38,117</b>	<b>\$36,937</b>	<b>\$38,310</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,					
		2023	2024	2025	2026	2027	2028
<b><u>Operating Expenses: [1]</u></b>							
1	Administration Department	\$531,241	\$488,113	\$518,391	\$549,851	\$583,291	\$618,920
2	Water Department	2,193,003	2,579,097	2,748,873	2,906,850	3,071,662	3,245,290
3	Field Operations Department	1,203,292	1,236,289	1,298,238	1,403,717	1,518,322	1,356,579
4	Non-Departmental	236,268	249,604	263,460	277,728	292,785	308,688
5	Contingency - 1.00% of O&M	41,638	45,531	48,290	51,381	54,661	55,295
6	Bad Debt Expense - 0.25% of Rate Revenues	15,236	16,446	17,662	18,906	20,174	21,042
7	Total Operating Expenses	\$4,002,239	\$4,615,079	\$4,894,914	\$5,208,435	\$5,540,894	\$5,605,813
<b><u>Debt Service Payments:</u></b>							
<b><u>Existing Debt Service: [2]</u></b>							
8	Utility System Refunding Revenue Note, Series 2016	\$408,899	\$409,065	\$409,030	\$408,794	\$0	\$0
9	Vehicle Lease 2016 Amer Cap Svc.	0	0	0	0	0	0
10	Total Existing Debt Service Payments	\$408,899	\$409,065	\$409,030	\$408,794	\$0	\$0
<b><u>Proposed Debt Service: [3]</u></b>							
11	Additional Senior Lien Debt 1	\$0	\$400,358	\$400,358	\$400,358	\$400,358	\$400,358
12	Additional Senior Lien Debt 2	0	0	0	0	0	0
13	Additional Senior Lien Debt 3	0	0	0	0	0	0
14	Additional Senior Lien Debt 4	0	0	0	0	0	0
15	Additional Subordinate Lien Debt 1	\$0	\$0	\$140,482	\$280,964	\$280,964	\$280,964
16	Additional Subordinate Lien Debt 2	0	0	0	0	0	0
17	Additional Subordinate Lien Debt 3	0	0	0	0	0	0
18	Additional Subordinate Lien Debt 4	0	0	0	0	0	0
19	Total Proposed Debt Service Payments	\$0	\$400,358	\$540,840	\$681,322	\$681,322	\$681,322
20	Total Annual Debt Service Payments	\$408,899	\$809,423	\$949,870	\$1,090,116	\$681,322	\$681,322
<b><u>Other Revenue Requirements:</u></b>							
21	General Fund Cost Allocation Transfer	\$0	\$0	\$0	\$0	\$0	\$0
22	Payment In Lieu of Franchise Fees [4]	\$364,222	\$394,007	\$422,338	\$449,855	\$478,925	\$508,337
23	Renewal and Replacement Fund Transfer [5]	958,103	968,323	1,073,740	1,143,699	1,217,606	1,292,382
24	Capital Funded From Rates [6]	172,498	137,863	141,999	146,259	150,647	213,166
25	Transfer to Capital Fund (General)	0	0	0	0	0	0
26	Transfer to Operating Reserves	0	0	0	0	0	0
26	Transfer to Charter Reserve Fund	0	54,423	54,409	54,417	54,447	54,536
27	Transfer to Rate Stabilization Fund	0	0	0	0	0	0
28	Total Other Revenue Requirements	\$1,494,823	\$1,554,617	\$1,692,486	\$1,794,231	\$1,901,625	\$2,068,422
29	<b>Gross Revenue Requirements</b>	\$5,905,960	\$6,979,119	\$7,537,270	\$8,092,781	\$8,123,841	\$8,355,557
<b><u>Other Revenues and Financial Resources:</u></b>							
30	Other Operating Revenues	\$457,388	\$417,376	\$363,670	\$335,253	\$306,325	\$292,142
31	Unrestricted Interest Income [7]	14,204	11,684	10,644	10,304	10,261	11,119
32	Development Fees Used for Debt Service Payments	45,000	45,000	45,000	45,000	45,000	45,000
33	Transfers from Operating Reserves	0	0	0	0	0	0
34	Transfer from Rate Stabilization	0	0	0	0	0	0
35	Total Other Revenues and Financial Resources	\$516,592	\$474,060	\$419,313	\$390,556	\$361,586	\$348,261
36	<b>Net Revenue Requirements</b>	\$5,389,369	\$6,505,059	\$7,117,957	\$7,702,225	\$7,762,255	\$8,007,296



**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,					
		2023	2024	2025	2026	2027	2028
<b>Revenue From Existing Water Rates:</b>							
37	Existing Rate Revenue	\$5,380,736	\$5,499,027	\$5,580,678	\$5,642,631	\$5,684,885	\$5,717,290
38	Prior Year Rate Adjustments	0	0	334,840	697,430	1,085,900	1,500,660
39	Total Rate Revenue Before Current Year Adjustment	\$5,380,736	\$5,499,027	\$5,915,518	\$6,340,061	\$6,770,785	\$7,217,950
<b>Revenue From Existing Wholesale Water Rates:</b>							
40	Existing Rate Revenue	\$713,715	\$713,715	\$713,715	\$713,715	\$713,715	\$713,715
41	Prior Year Rate Adjustments	0	0	42,820	88,220	136,330	187,330
42	Total Rate Revenue Before Current Year Adjustment	\$713,715	\$713,715	\$756,535	\$801,935	\$850,045	\$901,045
<b>Current Year Rate Adjustment - Water</b>							
43	Current Year Water Rate Adjustment	0.00%	6.00%	6.00%	6.00%	6.00%	3.50%
	Effective Month	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.
44	Percent of Current Year Effective	17%	100%	100%	100%	100%	100%
45	Total Revenue From Current Year Adjustments	\$0	\$329,942	\$354,931	\$380,404	\$406,247	\$252,628
<b>Current Year Rate Adjustment - Wholesale Water</b>							
46	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.
47	Percent of Current Year Effective	17%	100%	100%	100%	100%	100%
48	Total Revenue From Current Year Adjustments	\$0	\$35,686	\$37,827	\$40,097	\$42,502	\$45,052
49	<b>Total Revenue From Rates</b>	\$6,094,451	\$6,578,369	\$7,064,811	\$7,562,497	\$8,069,580	\$8,416,675
50	<b>Revenue Surplus / (Deficiency) [8]</b>	\$705,082	\$73,310	(\$53,146)	(\$139,728)	\$307,325	\$409,379

Footnotes:

- [1] Amounts derived from the City's Fiscal Year 2023 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) | \$10,645,000 | (50.00% Allocated to the Water System) |
| Issue Date                                               | 10/1/2023    |                                        |
| Interest Rate                                            | 4.25%        |                                        |
| Term (Years)                                             | 20           |                                        |
| Annual Average Debt Service                              | \$800,715    |                                        |
- Additional Subordinate Lien Debt 1
- |                                                          |             |                                         |
|----------------------------------------------------------|-------------|-----------------------------------------|
| Principal (Includes Project Costs and Costs of Issuance) | \$4,380,000 | (100.00% Allocated to the Water System) |
| Issue Date                                               | 4/1/2025    |                                         |
| Interest Rate                                            | 2.50%       |                                         |
| Term (Years)                                             | 20          |                                         |
| Annual Average Debt Service                              | \$280,964   |                                         |
- [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,					
		2023	2024	2025	2026	2027	2028
<b><u>Operating Expenses: [1]</u></b>							
1	Administration Department	\$727,402	\$668,350	\$709,808	\$752,884	\$798,672	\$847,457
2	Wastewater Department	2,555,276	2,752,002	2,998,581	3,162,464	3,333,730	3,514,636
3	Wastewater Collection Department	903,339	860,807	915,739	969,418	1,025,946	1,243,429
4	Field Operations Department	905,667	921,789	954,952	1,030,703	1,113,089	947,451
5	Non-Departmental	276,213	291,543	307,495	323,963	341,330	359,660
6	Contingency - 1.00% of O&M	53,679	54,945	58,866	62,394	66,128	69,126
7	Bad Debt Expense - 0.25% of Rate Revenues	18,713	20,263	21,772	23,299	24,837	25,828
8	Total Operating Expenses	\$5,158,729	\$5,569,700	\$5,967,213	\$6,325,126	\$6,703,731	\$7,007,587
<b><u>Debt Service Payments:</u></b>							
<b><u>Existing Debt Service: [2]</u></b>							
9	Utility System Refunding Revenue Note, Series 2016	\$665,527	\$665,798	\$665,741	\$665,356	\$0	\$0
10	SRF Loan - #WW640520	383,969	383,969	383,969	383,969	383,969	383,969
11	SRF 2017 Loan - #WW640530	18,367	18,367	18,367	18,367	18,367	18,367
12	Capital Improvement Revenue Note, Series 2014	36,597	30,362	0	0	0	0
13	Vehicle Lease 2016 Amer Cap Svc.	0	0	0	0	0	0
14	SRF Loan - #WW640531	206,681	206,681	206,681	206,681	206,681	206,681
15	Total Existing Debt Service Payments	\$1,311,141	\$1,305,176	\$1,274,758	\$1,274,373	\$609,017	\$609,017
<b><u>Proposed Debt Service: [3]</u></b>							
16	Additional Senior Lien Debt 1	\$0	\$400,358	\$400,358	\$400,358	\$400,358	\$400,358
17	Additional Senior Lien Debt 2	0	0	0	0	0	0
18	Additional Senior Lien Debt 3	0	0	0	0	0	0
19	Additional Senior Lien Debt 4	0	0	0	0	0	0
20	Additional Subordinate Lien Debt 1	\$0	\$0	\$0	\$0	\$0	\$0
21	Additional Subordinate Lien Debt 2	0	0	0	25,038	50,076	50,076
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	Total Proposed Debt Service Payments	\$0	\$400,358	\$400,358	\$425,395	\$450,433	\$450,433
25	Total Annual Debt Service Payments	\$1,311,141	\$1,705,534	\$1,675,115	\$1,699,769	\$1,059,450	\$1,059,450
<b><u>Other Revenue Requirements:</u></b>							
26	General Fund Cost Allocation Transfer	\$0	\$0	\$0	\$0	\$0	\$0
27	Payment In Lieu of Franchise Fees [4]	\$422,297	\$456,831	\$489,679	\$521,583	\$555,289	\$589,390
28	Renewal and Replacement Fund Transfer [5]	1,110,870	1,122,720	1,244,946	1,326,060	1,411,751	1,498,450
29	Capital Funded From Rates [6]	521,527	328,137	364,869	375,552	386,444	455,550
30	Transfer to Capital Fund (General)	0	0	0	0	0	0
31	Transfer to Operating Reserves	0	0	0	0	0	0
31	Transfer to Charter Reserve Fund	0	67,055	67,070	67,062	67,032	66,942
32	Transfer to Rate Stabilization Fund	0	0	0	0	0	0
33	Total Other Revenue Requirements	\$2,054,694	\$1,974,743	\$2,166,563	\$2,290,257	\$2,420,515	\$2,610,332
34	<b>Gross Revenue Requirements</b>	<b>\$8,524,563</b>	<b>\$9,249,977</b>	<b>\$9,808,892</b>	<b>\$10,315,151</b>	<b>\$10,183,696</b>	<b>\$10,677,369</b>
<b><u>Other Revenues and Financial Resources:</u></b>							
35	Other Operating Revenues	\$383,900	\$356,942	\$327,755	\$311,584	\$294,904	\$285,344
36	Unrestricted Interest Income [7]	17,438	14,349	12,929	12,395	12,232	13,252
37	Development Fees Used for Debt Service Payments	75,000	75,000	75,000	75,000	75,000	75,000
38	Transfers from Operating Reserves	0	0	0	0	0	0
39	Transfer from Rate Stabilization	0	0	0	0	0	0
40	Total Other Revenues and Financial Resources	\$476,339	\$446,291	\$415,684	\$398,979	\$382,136	\$373,596
41	<b>Net Revenue Requirements</b>	<b>\$8,048,224</b>	<b>\$8,803,686</b>	<b>\$9,393,208</b>	<b>\$9,916,173</b>	<b>\$9,801,560</b>	<b>\$10,303,773</b>

**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,					
		2023	2024	2025	2026	2027	2028
<b>Revenue From Existing Wastewater Rates:</b>							
42	Existing Wastewater Rate Revenue	\$7,078,868	\$7,253,919	\$7,374,431	\$7,465,621	\$7,527,488	\$7,574,695
43	Prior Year Rate Adjustments	0	0	442,470	922,750	1,437,870	1,988,180
44	Total Rate Revenue Before Current Year Adjustment	\$7,078,868	\$7,253,919	\$7,816,901	\$8,388,371	\$8,965,358	\$9,562,875
<b>Current Year Rate Adjustment</b>							
45	Current Year Wastewater Rate Adjustment	0.00%	6.00%	6.00%	6.00%	6.00%	3.50%
	Effective Month	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.
46	Percent of Current Year Effective	17%	100%	100%	100%	100%	100%
47	Total Revenue From Current Year Adjustments	\$0	\$435,235	\$469,014	\$503,302	\$537,922	\$334,701
<b>Revenue From Existing Reclaimed Rates:</b>							
48	Existing Reclaimed Rate Revenue	\$406,379	\$416,069	\$422,909	\$428,039	\$431,459	\$433,739
49	Prior Year Rate Adjustments	0	0	0	0	0	0
50	Total Rate Revenue Before Current Year Adjustment	\$406,379	\$416,069	\$422,909	\$428,039	\$431,459	\$433,739
<b>Current Year Rate Adjustment</b>							
51	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.
52	Percent of Current Year Effective	17%	100%	100%	100%	100%	100%
53	Total Revenue From Current Year Adjustments	\$0	\$0	\$0	\$0	\$0	\$0
54	<b>Total Revenue From Rates</b>	\$7,485,247	\$8,105,223	\$8,708,824	\$9,319,712	\$9,934,738	\$10,331,314
55	<b>Revenue Surplus / (Deficiency) [8]</b>	(\$562,977)	(\$698,464)	(\$684,384)	(\$596,461)	\$133,179	\$27,541

Footnotes:

- [1] Amounts derived from the City's Fiscal Year 2023 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)	\$10,645,000	(50.00% Allocated to the Wastewater System)
Issue Date	10/1/2023	
Interest Rate	4.25%	
Term (Years)	20	
Annual Average Debt Service	\$800,715	

Additional Subordinate Lien Debt 1

Principal (Includes Project Costs and Costs of Issuance)	\$4,380,000	(0.00% Allocated to the Wastewater System)
Issue Date	4/1/2025	
Interest Rate	2.50%	
Term (Years)	20	
Annual Average Debt Service	\$280,964	

- [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.					
		2023	2024	2025	2026	2027	2028
<b><u>Operating Expenses: [1]</u></b>							
1	Administration Department	\$1,258,643	\$1,156,463	\$1,228,199	\$1,302,735	\$1,381,962	\$1,466,377
2	Water Department	2,193,003	2,579,097	2,748,873	2,906,850	3,071,662	3,245,290
3	Wastewater Department	2,555,276	2,752,002	2,998,581	3,162,464	3,333,730	3,514,636
4	Wastewater Collection Department	903,339	860,807	915,739	969,418	1,025,946	1,243,429
5	Field Operations Department	2,108,959	2,158,077	2,253,190	2,434,421	2,631,410	2,304,030
6	Non-Departmental	512,481	541,147	570,955	601,691	634,116	668,348
7	Contingency - 1.00% of O&M	95,317	100,476	107,155	113,776	120,788	124,421
8	Bad Debt Expense - 0.25% of Rate Revenues	33,949	36,709	39,434	42,206	45,011	46,870
9	Total Operating Expenses	\$9,160,967	\$10,184,779	\$10,862,128	\$11,533,561	\$12,244,625	\$12,613,400
<b><u>Debt Service Payments:</u></b>							
<b><u>Existing Debt Service: [2]</u></b>							
10	Utility System Refunding Revenue Note, Series 2016	\$1,074,426	\$1,074,863	\$1,074,771	\$1,074,150	\$0	\$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
13	Capital Improvement Revenue Note, Series 2014	36,597	30,362	0	0	0	0
14	Vehicle Lease 2016 Amer Cap Svc.	0	0	0	0	0	0
15	SRF Loan - #WW640531	206,681	206,681	206,681	206,681	206,681	206,681
16	Total Existing Debt Service Payments	\$1,720,039	\$1,714,241	\$1,683,788	\$1,683,167	\$609,017	\$609,017
<b><u>Proposed Debt Service: [3]</u></b>							
17	Additional Senior Lien Debt 1	\$0	\$800,715	\$800,715	\$800,715	\$800,715	\$800,715
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	140,482	280,964	280,964	280,964
22	Additional Subordinate Lien Debt 2	0	0	0	25,038	50,076	50,076
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	\$800,715	\$941,197	\$1,106,717	\$1,131,755	\$1,131,755
26	Total Annual Debt Service Payments	\$1,720,039	\$2,514,957	\$2,624,985	\$2,789,884	\$1,740,772	\$1,740,772
<b><u>Other Revenue Requirements:</u></b>							
27	Payment in Lieu of Franchise Fees [4]	\$786,519	\$850,838	\$912,017	\$971,439	\$1,034,214	\$1,097,727
28	Renewal and Replacement Fund Transfer [5]	2,068,972	2,091,043	2,318,686	2,469,759	2,629,357	2,790,832
29	Capital Funded From Rates [6]	694,025	466,000	506,868	521,811	537,090	668,716
30	Transfer to Capital Fund (General)	0	0	0	0	0	0
31	Transfer to Operating Reserves	0	0	0	0	0	0
32	Transfer to Charter Reserve Fund	0	121,479	121,479	121,479	121,479	121,479
33	Transfer to Rate Stabilization Fund	0	0	0	0	0	0
34	Total Other Revenue Requirements	\$3,549,516	\$3,529,360	\$3,859,049	\$4,084,487	\$4,322,140	\$4,678,754
35	<b>Gross Revenue Requirements</b>	\$14,430,523	\$16,229,096	\$17,346,163	\$18,407,932	\$18,307,536	\$19,032,926
<b><u>Other Revenues and Financial Resources:</u></b>							
36	Other Operating Revenues	\$841,288	\$774,317	\$691,425	\$646,837	\$601,229	\$577,486
37	Unrestricted Interest Income [7]	31,642	26,033	23,573	22,698	22,493	24,371
38	Development Fees Used for Debt Service Payments	120,000	120,000	120,000	120,000	120,000	120,000
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	\$992,930	\$920,350	\$834,998	\$789,535	\$743,722	\$721,857
42	<b>Net Revenue Requirements</b>	\$13,437,593	\$15,308,746	\$16,511,165	\$17,618,397	\$17,563,814	\$18,311,069
<b><u>Revenue From Combined Rates:</u></b>							
43	Existing Rate Revenue	\$13,579,698	\$13,882,730	\$14,091,733	\$14,250,006	\$14,357,547	\$14,439,438
44	Revenue From Current Year Adjustments	0	800,863	861,772	923,803	986,671	632,381
45	Revenue From Prior Year Rate Adjustments	0	0	820,130	1,708,400	2,660,100	3,676,170
46	Total Revenue From Rates	\$13,579,698	\$14,683,592	\$15,773,635	\$16,882,208	\$18,004,318	\$18,747,990
47	<b>Revenue Surplus / (Deficiency) [8]</b>	\$142,105	(\$625,153)	(\$737,530)	(\$736,189)	\$440,504	\$436,920
48	<b>Percentage Surplus / (Deficiency)</b>	1.05%	-4.26%	-4.68%	-4.36%	2.45%	2.33%

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 2023 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)	\$10,645,000
Issue Date	10/1/2023
Interest Rate	4.25%
Term (Years)	20
Annual Average Debt Service	\$800,715

Additional Subordinate Lien Debt 1

Principal (Includes Project Costs and Costs of Issuance)	\$4,380,000
Issue Date	4/1/2025
Interest Rate	2.50%
Term (Years)	20
Annual Average Debt Service	\$280,964

- [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,					
		2023	2024	2025	2026	2027	2028
<b><u>Senior Lien Test: (CAFR Presentation Method)</u></b>							
49	Net Revenues	\$5,289,668	\$5,298,422	\$5,625,391	\$6,016,508	\$6,381,224	\$6,733,778
50	Total Senior Lien Bond Service Requirements	\$1,074,426	\$1,875,578	\$1,875,486	\$1,874,865	\$800,715	\$800,715
51	Calculated Ratio	492.33%	282.50%	299.94%	320.90%	796.94%	840.97%
52	Minimum Target Coverage Ratio - 115.00%	115.00%	115.00%	115.00%	115.00%	115.00%	115.00%
53	Net Revenues After Payment of Debt Service	\$3,569,629	\$2,783,466	\$3,000,406	\$3,226,624	\$4,640,452	\$4,993,005
54	Use of Impact Fees for Debt Service Payments	120,000	120,000	120,000	120,000	120,000	120,000
55	Subtotal	\$3,689,629	\$2,903,466	\$3,120,406	\$3,346,624	\$4,760,452	\$5,113,005
<b><u>Less Other Payments and Transfers from Rates:</u></b>							
56	Payment In Lieu of Franchise Fees	[5] \$786,519	\$850,838	\$912,017	\$971,439	\$1,034,214	\$1,097,727
57	Renewal and Replacement Fund Transfer	2,068,972	2,091,043	2,318,686	2,469,759	2,629,357	2,790,832
58	Capital Funded From Rates	694,025	466,000	506,868	521,811	537,090	668,716
59	Transfer to Charter Reserve Fund	0	121,479	121,479	121,479	121,479	121,479
60	Transfer to Capital Fund (General)	0	0	0	0	0	0
61	Net Transfer to/ (from) Operating Reserves	0	0	0	0	0	0
62	Plus Restricted Interest Income (Not Includable Above)	1,993	741	1,114	1,675	2,191	2,669
63	Net Amount Available for Other Utility System Purposes	\$142,105	(\$625,153)	(\$737,530)	(\$736,189)	\$440,504	\$436,920

Footnotes located on following page.

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

**Projection of Debt Service Coverage Compliance**

**Footnotes:**

- [1] Projected revenue from rates reflects existing rates effective October 1, 2022.
- [2] Revenue from water and wastewater rate adjustments reflect the following projected rate increases effective October 1st of each year.

<u>Fiscal Year</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
Rate Adjustment	0.00%	6.00%	6.00%	6.00%	6.00%	3.50%

- [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 (25.00%) 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 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 2024	16.59	22.17	31.45	40.73	61.61	84.81	108.01	180.41
<b><u>Other Florida Utilities:</u></b>									
3	City of Daytona Beach [3]	\$9.46	\$20.24	\$25.63	\$31.02	\$41.80	\$53.94	\$67.44	\$102.85
4	City of DeLand [4]	13.68	18.70	21.21	23.72	30.38	38.68	46.98	79.73
5	City of Deltona	17.04	21.76	24.12	26.48	33.60	43.12	52.64	94.34
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	11.76	16.68	19.14	21.60	26.52	31.44	37.56	52.86
8	City of Holly Hill [5]	12.83	22.17	31.51	40.85	60.93	82.41	103.89	162.24
9	New Smyrna Beach Utilities Commission	15.94	18.50	19.78	21.48	24.88	30.24	35.60	49.00
10	City of Orange City	14.00	23.60	28.40	33.20	42.80	54.79	69.17	112.32
11	City of Ormond Beach [3]	16.42	16.42	19.77	23.12	29.82	37.76	45.70	65.55
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]	19.33	19.33	22.04	24.75	30.17	37.27	44.37	65.24
14	Seminole County [3]	15.65	18.29	19.61	20.93	23.57	26.21	28.85	39.80
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 [3]	16.83	26.33	31.08	35.83	46.45	58.19	69.93	100.28
17	Other Utilities' Average	\$14.77	\$19.88	\$23.95	\$28.05	\$36.71	\$46.78	\$57.51	\$88.64
18	Minimum	9.46	12.86	16.74	20.62	23.57	26.21	28.85	39.80
19	Maximum	20.00	26.33	31.51	40.85	60.93	82.41	103.89	162.24

**Footnotes:**

- [1] Unless otherwise noted, amounts shown reflect residential rates in effect May 2023 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 2024	24.05	43.01	52.49	61.97	80.93	99.89	118.85	166.25
<b>Other Florida Utilities:</b>									
3	City of Daytona Beach [3]	\$9.26	\$27.36	\$36.41	\$45.46	\$63.56	\$81.66	\$99.76	\$145.01
4	City of DeLand [4]	25.15	35.09	40.06	45.03	54.97	64.91	74.85	74.85
5	City of Deltona	59.44	59.44	77.19	94.94	135.77	181.93	228.09	343.49
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	27.67	34.59	38.05	41.51	48.43	55.35	62.27	62.27
8	City of Holly Hill [5]	17.10	24.36	35.34	46.32	68.28	90.24	112.20	167.10
9	New Smyrna Beach Utilities Commission	20.32	29.20	33.64	38.08	46.96	55.84	64.72	86.92
10	City of Orange City	28.01	47.31	56.96	66.61	85.91	105.21	114.86	114.86
11	City of Ormond Beach [3]	20.32	20.32	24.99	29.66	39.00	48.34	57.68	81.03
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]	25.56	25.56	32.54	39.52	53.48	67.44	81.40	95.36
14	Seminole County [3]	24.86	36.16	41.81	47.46	58.76	70.06	81.36	109.61
15	City of South Daytona	17.14	34.29	44.84	55.39	76.49	97.59	118.69	171.44
16	Volusia County - Softened [3]	25.89	36.83	42.30	47.77	58.71	69.65	80.59	102.47
17	Other Utilities' Average	\$23.36	\$32.60	\$39.99	\$47.37	\$62.53	\$78.06	\$92.91	\$121.30
18	Minimum	9.26	20.32	24.75	29.10	37.80	46.50	55.20	62.27
19	Maximum	59.44	59.44	77.19	94.94	135.77	181.93	228.09	343.49

**Footnotes:**

- [1] Unless otherwise noted, amounts shown reflect residential rates in effect May 2023 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 2024	40.64	65.18	83.94	102.70	142.54	184.70	226.86	346.66
<b>Other Florida Utilities:</b>									
3	City of Daytona Beach [3]	\$18.72	\$47.60	\$62.04	\$76.48	\$105.36	\$135.60	\$167.20	\$247.86
4	City of DeLand [4]	38.83	53.79	61.27	68.75	85.35	103.59	121.83	154.58
5	City of Deltona	76.48	81.20	101.31	121.42	169.37	225.05	280.73	437.83
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	39.43	51.27	57.19	63.11	74.95	86.79	99.83	115.13
8	City of Holly Hill [5]	29.93	46.53	66.85	87.17	129.21	172.65	216.09	329.34
9	New Smyrna Beach Utilities Commission	36.26	47.70	53.42	59.56	71.84	86.08	100.32	135.92
10	City of Orange City	42.01	70.91	85.36	99.81	128.71	160.00	184.03	227.18
11	City of Ormond Beach [3]	36.74	36.74	44.76	52.78	68.82	86.10	103.38	146.58
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]	44.89	44.89	54.58	64.27	83.65	104.71	125.77	160.60
14	Seminole County [3]	40.51	54.45	61.42	68.39	82.33	96.27	110.21	149.41
15	City of South Daytona	31.07	57.68	74.05	90.42	123.16	160.27	201.75	305.45
16	Volusia County - Softened [3]	42.72	63.16	73.38	83.60	105.16	127.84	150.52	202.75
17	Other Utilities' Average	\$38.13	\$52.48	\$63.93	\$75.42	\$99.24	\$124.84	\$150.41	\$209.94
18	Minimum	18.72	33.26	41.49	49.72	66.18	82.64	99.10	115.13
19	Maximum	76.48	81.20	101.31	121.42	169.37	225.05	280.73	437.83

**Footnotes:**

- [1] Unless otherwise noted, amounts shown reflect residential rates in effect May 2023 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, 2022. In order to calculate projected revenues from rates for the Forecast Period, the existing Fiscal Year 2023 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 residential customers of approximately two percent (1.9%), beginning with 360 additional accounts per year and tapering down to 80 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 \$4.0 million to \$4.3 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 \$4,500 per year.

### Operating and Maintenance Expenses

The Fiscal Year 2023 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 2023 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 \$12.0 million being adjusted down to approximately \$3.6 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 \$40,000 and \$10,000 annually, respectively. Operating expenses were also decreased during the forecast period to account for personnel reductions (starting at a decrease of \$117,000 in 2024 and increasing to \$222,000 by 2028). Operation and maintenance expenses (after all adjustments) are projected to increase by an annual average of approximately 5.81% per year from Fiscal Year 2023 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 / Benefits – 6.0% Increase per Year
2. Health Insurance –10.0% per Year
3. Consumer Price Index (CPI) – 5.00% in Fiscal Years 2024 and 2025, 2.10% in Fiscal Year 2026, 2.00% in Fiscal Year 2027, and 2.20% in Fiscal Year 2028
4. Electricity – 8.68% in Fiscal Year 2024, 5.00% in Fiscal Year 2025, and 3.50% per Year for the remainder of the Forecast Period
5. Fuel – 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 2023 – 2028 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 \$8.9 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 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 a proposed capital lease, the annual loan payments to be funded from rates begin at approximately \$158,000 in 2023 and increase to \$405,000 by Fiscal Year 2028. The projected payments on the Public Works Facility debt comprise the majority of the increase at \$320,000 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 \$346,000 annually (starting at \$233,000 in 2023 and increasing to \$422,000 by 2028), 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 \$49,000 per year (in Fiscal Years 2024 – 2028) is projected and funded in the rate plan to continue to meet this reserve requirement. Additionally, the City also targets a cash balance of 60 days of rate revenue in the operating fund for the solid waste system. By the end of the Forecast Period, the City is projected to have approximately \$900,000 in the operating fund, as shown in Table 2-9, which is slightly below the City’s target of 60 day of rate revenue. It should be noted though that when the Charter Reserve and Operating Fund are combined then the system is above 90 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 sufficient to meet the needs of the system with

some modification as to how they are applied, 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,					
	2023	2024	2025	2026	2027	2028
Previously Recommended Rate Adjustments:						
Collection Service	0.00%	8.75%	8.75%	8.75%	8.75%	N/A
Recycling Service	0.00%	8.75%	8.75%	8.75%	8.75%	N/A
Proposed Solid Waste Rate Adjustments:						
Collection Service	N/A [1]	8.25%	8.25%	8.25%	8.25%	5.00%
Recycling Service	N/A [1]	10.00%	10.00%	10.00%	10.00%	10.00%
System Revenue Surplus/(Deficiency)	(\$1,136,936)	(\$468,798)	(\$369,695)	(\$177,215)	\$100,694	\$119,956
Operating Fund (Ending Balance)	\$2,266,684	\$1,797,886	\$1,428,191	\$1,250,977	\$1,351,670	\$900,824
Days of Cash (Target of 60-90 Days of Rate Revenue)	207	147	106	84	83	52
Charter Reserve Fund (Ending Balance)	\$535,070	\$585,851	\$636,759	\$687,794	\$738,957	\$790,247
Senior Lien Debt Service Coverage (Test 1.00)	N/A	2.41	3.21	3.88	4.59	4.85
All-In Debt Service Coverage (Target 1.50) [2]	2.54	1.61	1.83	2.38	3.63	3.83

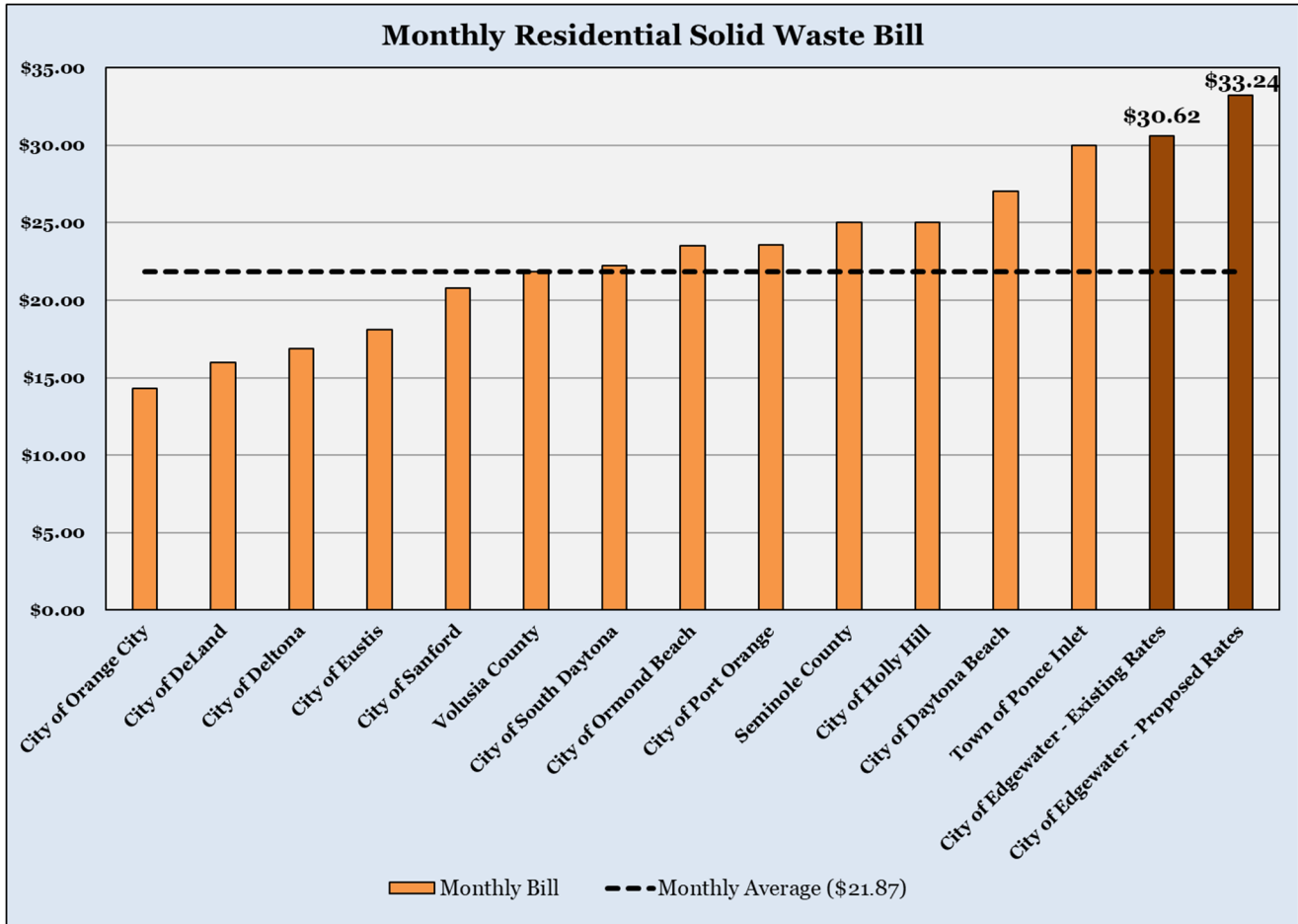
[1] Rates were not adjusted in Fiscal Year 2023.

[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 2024 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 2024.



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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,					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
<b>COLLECTION</b>												
<u>Residential:</u>												
1	Customer Growth	8	19	63	146	263	355	293	200	150	100	75
2	Number of Bills	111,869	112,101	112,857	114,607	117,765	122,025	125,541	127,941	129,741	130,941	131,841
3	Average Number of Customers	9,322	9,342	9,405	9,551	9,814	10,169	10,462	10,662	10,812	10,912	10,987
4	Monthly Collection Fee	\$26.09	\$27.66	\$28.70	\$25.41	\$25.41	\$25.41	\$25.41	\$25.41	\$25.41	\$25.41	\$25.41
5	Total Residential Collection Revenue	\$2,898,619	\$3,086,047	\$3,238,432	\$2,930,988	\$2,992,409	\$3,100,655	\$3,189,997	\$3,250,981	\$3,296,719	\$3,327,211	\$3,350,080
<u>Multi-Family:</u>												
6	Customer Growth	(1)	(1)	1	2	1	0	0	0	0	0	0
7	Number of Bills	418	411	418	444	452	452	452	452	452	452	452
8	Average Number of Customers	35	34	35	37	38	38	38	38	38	38	38
9	Number of Units	4,410	4,518	4,639	4,661	4,634	4,634	4,634	4,634	4,634	4,634	4,634
10	Average Number of Units	368	377	387	388	386	386	386	386	386	386	386
11	Monthly Collection Fee	\$26.09	\$27.66	\$28.70	\$25.41	\$25.41	\$25.41	\$25.41	\$25.41	\$25.41	\$25.41	\$25.41
12	Total Multi-Family Collection Revenue	\$114,268	\$124,377	\$133,126	\$119,717	\$117,758	\$117,758	\$117,758	\$117,758	\$117,758	\$117,758	\$117,758
<u>Commercial:</u>												
13	Customer Growth	(1)	2	(1)	5	11	5	5	5	5	5	5
14	Number of Bills	3,312	3,333	3,320	3,382	3,511	3,571	3,631	3,691	3,751	3,811	3,871
15	Average Number of Customers	276	278	277	282	293	298	303	308	313	318	323
16	Number of Units	4,310	4,040	4,332	4,491	4,633	4,712	4,791	4,870	4,949	5,028	5,108
17	Average Number of Units	359	337	361	374	386	393	399	406	412	419	426
18	Monthly Collection Fee	\$29.60	\$31.38	\$32.56	\$28.83	\$28.83	\$28.83	\$28.83	\$28.83	\$28.83	\$28.83	\$28.83
19	Total Commercial Collection Revenue	\$126,711	\$126,176	\$141,042	\$130,885	\$133,555	\$135,838	\$138,120	\$140,403	\$142,685	\$144,967	\$147,250
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	\$32,149	\$18,974	(\$13,318)	(\$12,016)	(\$17,318)	(\$17,908)	(\$18,397)	(\$18,735)	(\$18,991)	(\$19,166)	(\$19,300)
22	Total Collection Revenue	\$3,139,598	\$3,336,600	\$3,512,599	\$3,181,590	\$3,243,722	\$3,336,343	\$3,427,478	\$3,490,406	\$3,538,170	\$3,570,770	\$3,595,787

**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,					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
<b>RECYCLING</b>												
<u>Residential:</u>												
23	Customer Growth	(14)	(8)	63	141	206	355	293	200	150	100	75
24	Number of Bills	112,780	112,688	113,446	115,139	117,608	121,868	125,384	127,784	129,584	130,784	131,684
25	Number of Units	9,613	9,697	9,683	9,923	10,135	10,490	10,783	10,983	11,133	11,233	11,308
26	Average Number of Customers	9,398	9,391	9,454	9,595	9,801	10,156	10,449	10,649	10,799	10,899	10,974
27	Monthly Recycling Fee	\$3.34	\$3.54	\$4.12	\$4.31	\$4.74	\$5.21	\$5.21	\$5.21	\$5.21	\$5.21	\$5.21
28	Subtotal Recycling Revenue	\$385,283	\$409,989	\$478,452	\$513,195	\$576,500	\$655,859	\$674,177	\$686,681	\$696,059	\$702,311	\$707,000
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	\$385,283	\$409,989	\$478,452	\$513,195	\$576,500	\$655,859	\$674,177	\$686,681	\$696,059	\$702,311	\$707,000
<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>\$3,525,205</b>	<b>\$3,746,913</b>	<b>\$3,991,376</b>	<b>\$3,695,109</b>	<b>\$3,820,546</b>	<b>\$3,992,525</b>	<b>\$4,101,979</b>	<b>\$4,177,411</b>	<b>\$4,234,553</b>	<b>\$4,273,404</b>	<b>\$4,303,111</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		Adjusted 2023	Escalation Reference	Fiscal Year Ending September 30,				
			2023	Adjustments			2024	2025	2026	2027	2028
<b>SYSTEM REVENUES</b>											
1	447-0000-331.50-10	Disaster Assistance / FEMA Reimbursement	\$4,381,305	(\$4,381,305)	\$0	Eliminate	\$0	\$0	\$0	\$0	\$0
2	447-0000-343.41-10	Refuse Collection - Residential / Non-Residential	3,302,227	34,440	3,336,667	Input	3,427,802	3,490,730	3,538,494	3,571,094	3,596,111
3	447-0000-343.42-10	Recycling	648,991	6,868	655,859	Input	674,177	686,681	696,059	702,311	707,000
4	447-0000-361.10-10	Interest	400	(400)	0	Eliminate	0	0	0	0	0
5	447-0000-361.11-10	Investment Returns	800	(800)	0	Eliminate	0	0	0	0	0
6	447-0000-364.42-10	Insurance Proceeds	0	0	0	Eliminate	0	0	0	0	0
7	447-0000-365.10-00	Sale of Surplus	0	0	0	Eliminate	0	0	0	0	0
8	447-0000-369.90-00	Other Miscellaneous Revenue	0	0	0	Inflation	0	0	0	0	0
9	447-0000-369.90-10	Miscellaneous Revenue	0	0	0	Constant	0	0	0	0	0
10	447-0000-369.90-20	Retirement Forfeitures	0	0	0	Eliminate	0	0	0	0	0
11	447-0000-381.01-27	Interfund Transfers / ARPA Economic	2,500,000	(2,500,000)	0	Eliminate	0	0	0	0	0
12	447-0000-384.01-00	Proceeds from Long-Term Debt	0	0	0	Eliminate	0	0	0	0	0
13	447-0000-384.17-01	Capital Improvement Note 2017	0	0	0	Eliminate	0	0	0	0	0
14	447-0000-389.90-12	Unreserved Proprietary	1,208,877	(1,208,877)	0	Eliminate	0	0	0	0	0
15		<b>TOTAL SYSTEM REVENUES</b>	<u>\$12,042,600</u>	<u>(\$8,050,075)</u>	<u>\$3,992,525</u>		<u>\$4,101,979</u>	<u>\$4,177,411</u>	<u>\$4,234,553</u>	<u>\$4,273,404</u>	<u>\$4,303,111</u>

## Footnotes:

[1] Budgeted amounts shown are based on the Fiscal Year 2023 Adopted Operating Budget.

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

**Fiscal Year 2023 Adopted Budget [1]**

Line No.	Cost Center ID Code	Description	Budget 2023	Adjustments	Adjusted 2023
<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	\$802,342	\$0	\$802,342
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	70,533	0	70,533
5	447-4060-534.15-30	Cell Phone	480	0	480
6	447-4060-534.15-60	Boot Allowance	3,000	0	3,000
7	447-4060-534.21-10	FICA	50,471	0	50,471
8	447-4060-534.21-20	Medicare	11,804	0	11,804
9	447-4060-534.22-10	Retirement Contributions	0	0	0
10	447-4060-534.22-20	DCSE	100,748	0	100,748
11	447-4060-534.23-10	Life Insurance	3,898	0	3,898
12	447-4060-534.23-20	Group Medical Insurance	261,967	0	261,967
13	447-4060-534.23-21	HSA Employer Contribution	22,000	0	22,000
14	447-4060-534.23-22	HRA Employer Contribution	1,500	0	1,500
15	447-4060-534.23-30	Dental Insurance	7,707	0	7,707
16	447-4060-534.23-40	Long-Term Disability	6,975	0	6,975
17	447-4060-534.23-60	Broker & Admin Fees	3,336	0	3,336
18	447-4060-534.23-90	Other Post Employment Benefits (OPEB)	0	0	0
19	447-4060-534.24-10	Worker's Compensation	31,199	0	31,199
20		Total Personnel Services	<u>\$1,377,960</u>	<u>\$0</u>	<u>\$1,377,960</u>
<u>Operating Expenses:</u>					
21	447-4060-534.31-10	Professional Services	\$0	\$0	\$0
22	447-4060-534.34-10	Other Contractual Services	593,153	(592,985)	168
23	447-4060-534.34-10	Volusia County Landfill	0	483,173	483,173
24	447-4060-534.34-10	Cloer & Sons / Green Waste Disposal	0	109,812	109,812
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	13,680	0	13,680
29	447-4060-534.43-10	Electric	1,490	0	1,490
30	447-4060-534.43-30	Water / Sewer / Trash	5,920	0	5,920
31	447-4060-534.44-10	Rent	110	0	110
32	447-4060-534.46-10	Repair & Maintenance	5,500	0	5,500
33	447-4060-534.46-20	Fleet Charges	218,044	0	218,044
34	447-4060-534.47-10	Printing & Binding	4,800	0	4,800
35	447-4060-534.48-10	Promotional Activities	3,000	0	3,000
36	447-4060-534.49-01	Cost Allocation	215,171	0	215,171
37	447-4060-534.49-10	Other Charges / Obligations	6,400	0	6,400
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]	223,541	(223,541)	0
40	447-4060-534.52-10	Operating Supplies	52,300	0	52,300
41	447-4060-534.52-20	Fuel (Unleaded & Diesel)	311,645	0	311,645
42	447-4060-534.52-30	Uniforms	4,375	0	4,375
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>\$1,665,129</u>	<u>(\$223,541)</u>	<u>\$1,441,588</u>
46		<b>Total Refuse Department - 4060</b>	<u>\$3,043,089</u>	<u>(\$223,541)</u>	<u>\$2,819,548</u>

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

**Fiscal Year 2023 Adopted Budget [1]**

Line No.	Cost Center ID Code	Description	Budget 2023	Adjustments	Adjusted 2023
<b>Recycling Department - 4065</b>					
<u>Operating Expenses:</u>					
47	447-4065-534.34-10	Other Contractual Services	\$580,800	\$0	\$580,800
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	12,736	0	12,736
51	447-4065-534.49-47	Payment-in-Lieu of Franchise Fees (PILOFF) [2]	9,581	(9,581)	0
52		Total Operating Expenses	<u>\$603,117</u>	<u>(\$9,581)</u>	<u>\$593,536</u>
53		<b>Total Recycling Department - 4065</b>	<u>\$603,117</u>	<u>(\$9,581)</u>	<u>\$593,536</u>
54		<b>Total Environmental Services</b>	<u>\$3,646,206</u>	<u>(\$233,122)</u>	<u>\$3,413,084</u>
<b>Non-Departmental - 5555</b>					
<u>Operating Expenses:</u>					
55	447-5555-580.22-10	Retirement Contributions	\$87,863	\$0	\$87,863
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	7,931	0	7,931
59	447-5555-580.45-15	Property	24,015	0	24,015
60	447-5555-580.45-20	Public Officials	5,970	0	5,970
61	447-5555-580.45-25	Automobile	7,142	0	7,142
62	447-5555-580.45-65	Computer/Network	262	0	262
63	447-5555-580.49-10	Other Charges/Obligations / Other Charges/Obligations	4,481,305	(4,481,305)	0
64	447-5555-580.49-20	Bank Charges	0	0	0
65	447-5555-580.49-50	Write Off	0	0	0
66	447-5555-580.49-60	Hurricane Charges	0	0	0
67	447-5555-580.49-63	Other Charges/Obligations / Hurricane Charges Ian	2,500,000	(2,500,000)	0
68	447-5555-580.49-70	Disaster Event Charges	0	0	0
69	447-5555-580.49-62	Disaster Charges COVID-19	0	0	0
70	447-5555-580.59-10	Depreciation	0	0	0
71	447-5555-580.61-10	Land [3]	0	0	0
72	447-5555-580.64-10	Machinery & Equipment [3]	0	0	0
73	447-5555-580.64-20	Motor Vehicles [3]	1,116,963	(1,116,963)	0
74	447-5555-580.71-44	Refuse TRK Bond - Principal [3]	147,000	(147,000)	0
75	447-5555-580.72-44	Refuse TRK Bond - Interest [3]	10,854	(10,854)	0
76	447-5555-580.73-20	Bond Issuance Cost [3]	0	0	0
77	447-5555-581.04-40	Water Sewer	0	0	0
78	447-5555-581.04-50	Public Works Complex - Capital [3]	0	0	0
79	447-5555-581.05-01	MIS [3]	0	0	0
80	447-5555-581.10-01	General Fund	0	0	0
81	447-5555-589.10-01	Current Year Unreserved	0	0	0
82	447-5555-589.50-50	Charter Reserve/Stabilization	0	0	0
83		Total Operating Expenses	<u>\$8,396,394</u>	<u>(\$8,256,122)</u>	<u>\$140,272</u>
84		<b>Total Non-Departmental - 5555</b>	<u>\$8,396,394</u>	<u>(\$8,256,122)</u>	<u>\$140,272</u>

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

**Fiscal Year 2023 Adopted Budget [1]**

Line No.	Cost Center ID Code	Description	Budget 2023	Adjustments	Adjusted 2023
<b>Miscellaneous Adjustments</b>					
85	Contingency	Contingency - 1.00% of O&M [4]	\$0	\$35,534	\$35,534
86	BadDebt	Bad Debt Expense - 0.25% of Rate Revs. [5]	0	9,981	9,981
87		Budgetary Adjustment - Actual to Budget	0	0	0
88	Other	Tax Collector Expense (Assessment Billing)	0	0	0
89		<b>TOTAL OPERATING EXPENSES</b>	<u>\$12,042,600</u>	<u>(\$8,443,729)</u>	<u>\$3,598,871</u>

**Footnotes:**

- [1] Budgeted amounts shown are based on the Fiscal Year 2023 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 2023	Escalation Reference	Fiscal Year Ending September 30,				
					2024	2025	2026	2027	2028
<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	\$802,342	Labor	\$850,483	\$901,511	\$955,602	\$1,012,938	\$1,073,715
2		AddPer	0	Input	(117,327)	(186,550)	(197,743)	(209,608)	(222,184)
3	447-4060-534.12-20	DC ICMA	0	Labor	0	0	0	0	0
4	447-4060-534.14-10	Overtime	70,533	Labor	74,765	79,251	84,006	89,046	94,389
5	447-4060-534.15-30	Cell Phone	480	Inflation	504	529	540	551	563
6	447-4060-534.15-60	Boot Allowance	3,000	Inflation	3,150	3,308	3,377	3,444	3,520
7	447-4060-534.21-10	FICA	50,471	Labor	53,499	56,709	60,112	63,718	67,542
8	447-4060-534.21-20	Medicare	11,804	Health-Ins	12,984	14,283	15,711	17,282	19,010
9	447-4060-534.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
10	447-4060-534.22-20	DCSE	100,748	Labor	106,793	113,200	119,992	127,192	134,824
11	447-4060-534.23-10	Life Insurance	3,898	General-Ins	4,093	4,298	4,512	4,738	4,975
12	447-4060-534.23-20	Group Medical Insurance	261,967	Health-Ins	191,867	211,054	232,159	255,375	280,912
13	447-4060-534.23-21	HSA Employer Contribution	22,000	Labor	23,320	24,719	26,202	27,774	29,441
14	447-4060-534.23-22	HRA Employer Contribution	1,500	Labor	1,590	1,685	1,787	1,894	2,007
15	447-4060-534.23-23	Dental Insurance	7,707	Health-Ins	8,478	9,325	10,258	11,284	12,412
16	447-4060-534.23-24	Long-Term Disability	6,975	Marginal	7,045	7,115	7,186	7,258	7,331
17	447-4060-534.23-25	Broker & Admin Fees	3,336	Health-Ins	3,670	4,037	4,440	4,884	5,373
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	31,199	Labor	33,071	35,055	37,159	39,388	41,751
20		Total Personnel Services	\$1,377,960		\$1,257,984	\$1,279,530	\$1,365,301	\$1,457,161	\$1,555,581
<u>Operating Expenses:</u>									
21	447-4060-534.31-10	Professional Services	\$0	Contractual	\$0	\$0	\$0	\$0	\$0
22	447-4060-534.34-10	Other Contractual Services	168	Contractual	175	182	189	197	204
23	447-4060-534.34-10	Volusia County Landfill	483,173	Vol-Cust	546,752	585,065	622,961	660,159	697,931
24	447-4060-534.34-10	Cloer & Sons / Green Waste Disposal	109,812	Growth+Infl	118,625	126,937	131,426	135,295	139,222
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	13,680	Inflation	14,364	15,082	15,399	15,707	16,052
29	447-4060-534.43-10	Electric	1,490	Electricity	1,619	1,700	1,760	1,821	1,885
30	447-4060-534.43-30	Water / Sewer / Trash	5,920	Inflation	6,216	6,527	6,664	6,797	6,947
31	447-4060-534.44-10	Rent	110	Inflation	116	121	124	126	129
32	447-4060-534.46-10	Repair & Maintenance	5,500	Repair	5,858	6,151	6,366	6,589	6,820
33	447-4060-534.46-20	Fleet Charges	218,044	Repair	232,239	243,851	252,385	261,219	270,362
34	447-4060-534.47-10	Printing & Binding	4,800	Inflation	5,040	5,292	5,403	5,511	5,632
35	447-4060-534.48-10	Promotional Activities	3,000	Inflation	3,150	3,308	3,377	3,444	3,520
36	447-4060-534.49-01	Cost Allocation	215,171	Labor	213,705	226,527	240,119	254,526	269,798
37	447-4060-534.49-10	Other Charges / Obligations	6,400	Inflation	6,720	7,056	7,204	7,348	7,510
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	52,300	Inflation	54,915	57,661	58,872	60,049	61,370
41	447-4060-534.52-20	Fuel (Unleaded & Diesel)	311,645	Fuel	342,810	366,806	392,483	419,956	449,353
42	447-4060-534.52-30	Uniforms	4,375	Inflation	4,594	4,823	4,925	5,023	5,134
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	6,300	6,615	6,754	6,889	7,041
45		Total Operating Expenses	\$1,441,588		\$1,563,197	\$1,663,704	\$1,756,410	\$1,850,658	\$1,948,910
46		<b>Total Refuse Department - 4060</b>	<b>\$2,819,548</b>		<b>\$2,821,181</b>	<b>\$2,943,234</b>	<b>\$3,121,711</b>	<b>\$3,307,818</b>	<b>\$3,504,491</b>
<b>Recycling Department - 4065</b>									
<u>Operating Expenses:</u>									
47	447-4065-534.34-10	Other Contractual Services	\$580,800	Rec-Growth	\$657,289	\$736,840	\$821,927	\$912,482	\$1,010,629
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	12,736	Labor	12,129	12,857	13,628	14,446	15,313
51	447-4065-534.49-47	Payment-in-Lieu of Franchise Fees (PILOFF) [2]	0	Eliminate	0	0	0	0	0
52		Total Operating Expenses	\$593,536		\$669,418	\$749,696	\$835,555	\$926,928	\$1,025,941
53		<b>Total Recycling Department - 4065</b>	<b>\$593,536</b>		<b>\$669,418</b>	<b>\$749,696</b>	<b>\$835,555</b>	<b>\$926,928</b>	<b>\$1,025,941</b>
54		<b>Total Environmental Services</b>	<b>\$3,413,084</b>		<b>\$3,490,598</b>	<b>\$3,692,930</b>	<b>\$3,957,266</b>	<b>\$4,234,746</b>	<b>\$4,530,433</b>
<b>Non-Departmental - 5555</b>									
<u>Operating Expenses:</u>									
55	447-5555-580.22-10	Retirement Contributions	\$87,863	Benefits	\$93,135	\$98,723	\$104,646	\$110,925	\$117,581
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	7,514	7,965	8,443	8,950	9,487

**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 2023	Escalation Reference	Fiscal Year Ending September 30,				
					2024	2025	2026	2027	2028
58	447-5555-580.45-10	General Liability	7,931	General-Ins	8,328	8,744	9,181	9,640	10,122
59	447-5555-580.45-15	Property	24,015	General-Ins	25,216	26,477	27,800	29,190	30,650
60	447-5555-580.45-20	Public Officials	5,970	Labor	6,328	6,708	7,110	7,537	7,989
61	447-5555-580.45-25	Automobile	7,142	General-Ins	7,499	7,874	8,268	8,681	9,115
62	447-5555-580.45-65	Computer/Network	262	Marginal	265	267	270	273	275
63	447-5555-580.49-10	Other Charges/Obligations / Other Charges/Obligations	0	Eliminate	0	0	0	0	0
64	447-5555-580.49-20	Bank Charges	0	Eliminate	0	0	0	0	0
65	447-5555-580.49-50	Write Off	0	Eliminate	0	0	0	0	0
66	447-5555-580.49-60	Hurricane Charges	0	Eliminate	0	0	0	0	0
67	447-5555-580.49-63	Other Charges/Obligations / Hurricane Charges Ian	0	Eliminate	0	0	0	0	0
68	447-5555-580.49-70	Disaster Event Charges	0	Eliminate	0	0	0	0	0
69	447-5555-580.49-62	Disaster Charges COVID-19	0	Eliminate	0	0	0	0	0
70	447-5555-580.59-10	Depreciation	0	Eliminate	0	0	0	0	0
71	447-5555-580.61-10	Land [3]	0	Eliminate	0	0	0	0	0
72	447-5555-580.64-10	Machinery & Equipment [3]	0	Eliminate	0	0	0	0	0
73	447-5555-580.64-20	Motor Vehicles [3]	0	Eliminate	0	0	0	0	0
74	447-5555-580.71-44	Refuse TRK Bond - Principal [3]	0	Eliminate	0	0	0	0	0
75	447-5555-580.72-44	Refuse TRK Bond - Interest [3]	0	Eliminate	0	0	0	0	0
76	447-5555-580.73-20	Bond Issuance Cost [3]	0	Eliminate	0	0	0	0	0
77	447-5555-581.04-40	Water Sewer	0	Eliminate	0	0	0	0	0
78	447-5555-581.04-50	Public Works Complex - Capital [3]	0	Eliminate	0	0	0	0	0
79	447-5555-581.05-01	MIS [3]	0	Eliminate	0	0	0	0	0
80	447-5555-581.10-01	General Fund	0	Eliminate	0	0	0	0	0
81	447-5555-589.10-01	Current Year Unreserved	0	Eliminate	0	0	0	0	0
82	447-5555-589.50-50	Charter Reserve/Stabilization	0	Eliminate	0	0	0	0	0
83		Total Operating Expenses	\$140,272		\$148,284	\$156,758	\$165,719	\$175,196	\$185,219
84		<b>Total Non-Departmental - 5555</b>	\$140,272		\$148,284	\$156,758	\$165,719	\$175,196	\$185,219
		<b>Miscellaneous Adjustments</b>							
85	Contingency	Contingency - 1.00% of O&M [4]	\$35,534	Input	\$36,389	\$38,497	\$41,230	\$44,099	\$47,157
86	BadDebt	Bad Debt Expense - 0.25% of Rate Revs. [5]	9,981	Input	10,255	10,444	10,586	10,684	10,758
87		Budgetary Adjustment - Actual to Budget	0	Input	0	0	0	0	0
88	Other	Tax Collection Charge	0	Input	0	0	0	0	0
89		<b>TOTAL OPERATING EXPENSES</b>	<u>\$3,598,871</u>		<u>\$3,685,526</u>	<u>\$3,898,628</u>	<u>\$4,174,801</u>	<u>\$4,464,725</u>	<u>\$4,773,566</u>
		<b>Rate of Change</b>	N/A		2.41%	5.78%	7.08%	6.94%	6.92%

## Footnotes:

- [1] Budgeted amounts shown are based on the Fiscal Year 2023 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,				
			2024	2025	2026	2027	2028
1	General Inflation (CPI) [1][2]	Inflation	1.0500	1.0500	1.0210	1.0200	1.0220
2	Labor [2]	Labor	1.0600	1.0600	1.0600	1.0600	1.0600
3	Benefits [2]	Benefits	1.0600	1.0600	1.0600	1.0600	1.0600
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	1.0868	1.0500	1.0350	1.0350	1.0350
8	General Insurance [2]	General-Ins	1.0500	1.0500	1.0500	1.0500	1.0500
9	Repair & Maintenance	Repair	1.0651	1.0500	1.0350	1.0350	1.0350
10	Fuel	Fuel	1.1000	1.0700	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	1.0288	1.0191	1.0141	1.0092	1.0069
16	Customer Growth + Inflation	Growth+Infl	1.0803	1.0701	1.0354	1.0294	1.0290
17	Workers' Compensation	WorkComp	1.0300	1.0300	1.0300	1.0300	1.0300
18	Recycling Rate [2]	Recycling	1.1000	1.1000	1.1000	1.1000	1.1000
19	Recycling Rate + Growth	Rec-Growth	1.1317	1.1210	1.1155	1.1102	1.1076
20	Volusia County Disposal + Customer [2]	Vol-Cust	1.1316	1.0701	1.0648	1.0597	1.0572

**Footnotes:**

[1] Fiscal Years 2024 and 2025 projected based on recent trends. Fiscal Years 2026 through 2028 based on estimated projections from "Budget and Economic Outlook: 2023 to 2033", published by the Congressional Budget Office in February 2023.

[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 2023	Fiscal Year Ending September 30,					6-Year Total
					2024	2025	2026	2027	2028	
<b><u>CIP Escalation Factor Alternatives</u></b>										
<b><u>General Project Escalators</u></b>										
1	Inflation (CPI)	Inflation		1.0000	1.0500	1.1030	1.1260	1.1490	1.1740	
2	No Assumed Escalation (0.0% per Year)	None		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
3	Capital Outlay (3.5% per Year)	Outlay		1.0000	1.0350	1.0700	1.1100	1.1500	1.1900	
4	ENR Index Average (3.75% 1st Year, 3% onward)	ENR		1.0000	1.0375	1.0700	1.1000	1.1300	1.1600	
5	Marginal Increase (1.0% per Year)	Marginal		1.0000	1.0100	1.0200	1.0300	1.0400	1.0500	
6	High Increase (5.0% per Year)	High		1.0000	1.0500	1.1000	1.1600	1.2200	1.2800	
<b>CAPITAL IMPROVEMENT PLAN</b>										
7	Vehicles (Garbage Trucks)	Inflation	Rates	\$1,116,963	\$0	\$463,260	\$0	\$0	\$570,802	\$2,151,025
8	Vehicles (Garbage Trucks) (Split Funding)	Inflation	Rates	0	420,000	0	0	0	0	420,000
9	Vehicles (Garbage Trucks) (Split Funding)	Inflation	Sub.1	0	0	463,260	0	0	0	463,260
10	Vehicles (Garbage Trucks) (Split Funding)	Inflation	Rates	0	0	0	496,566	0	0	496,566
11	Vehicles (Garbage Trucks) (Split Funding)	Inflation	Rates	0	0	0	0	532,044	0	532,044
12	Vehicles (Garbage Trucks) (Split Funding)	Inflation	Operating	0	0	0	0	0	570,802	570,802
13	Public Works Building	ENR	Senior1	0	4,150,000	0	0	0	0	4,150,000
14	Public Works Building (Split Funding)	ENR	Rates	0	0	0	0	0	0	0
15	Subtotal Capital Improvement Plan			\$1,116,963	\$4,570,000	\$926,520	\$496,566	\$532,044	\$1,141,603	\$8,783,697
16	Capital Outlay	Outlay	Rates	\$30,000	\$31,050	\$31,050	\$32,100	\$33,300	\$34,500	\$192,000
17	<b>TOTAL CAPITAL IMPROVEMENT PLAN</b>			<b>\$1,146,963</b>	<b>\$4,601,050</b>	<b>\$957,570</b>	<b>\$528,666</b>	<b>\$565,344</b>	<b>\$1,176,103</b>	<b>\$8,975,697</b>
<b>FUNDING SOURCES</b>										
18	Rate Revenue		Rates	\$1,146,963	\$451,050	\$494,310	\$528,666	\$565,344	\$605,302	\$3,791,635
19	Existing Debt Proceeds		ExistDebt	0	0	0	0	0	0	0
20	Additional Senior Lien Debt 1		Senior1	0	4,150,000	0	0	0	0	4,150,000
21	Additional Subordinate Lien Debt 1		Sub.1	0	0	463,260	0	0	0	463,260
22	Additional Subordinate Lien Debt 2		Sub.2	0	0	0	0	0	0	0
23	Additional Subordinate Lien Debt 3		Sub.3	0	0	0	0	0	0	0
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>\$1,146,963</b>	<b>\$4,601,050</b>	<b>\$957,570</b>	<b>\$528,666</b>	<b>\$565,344</b>	<b>\$1,176,103</b>	<b>\$8,975,697</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,					
		2023	2024	2025	2026	2027	2028
<b>Solid Waste System</b>							
<u>Existing Debt:</u>							
1	Non Ad-Valorem Revenue Note - Series 2020 (Lease Purchase - Truist Bank)	\$157,693	\$157,288	\$157,592	\$118,343	\$0	\$0
2	Total Existing Debt Payments	\$157,693	\$157,288	\$157,592	\$118,343	\$0	\$0
<u>Proposed Senior Lien Debt:</u>							
3	Additional Senior Lien Debt 1	\$0	\$320,436	\$320,436	\$320,436	\$320,436	\$320,436
4	Total Proposed Senior Lien Debt Service Payments	\$0	\$320,436	\$320,436	\$320,436	\$320,436	\$320,436
<u>Proposed Junior Lien Debt:</u>							
5	Additional Subordinate Lien Debt 1	\$0	\$0	\$84,682	\$84,682	\$84,682	\$84,682
6	Additional Subordinate Lien Debt 2	0	0	0	0	0	0
7	Additional Subordinate Lien Debt 3	0	0	0	0	0	0
8	Additional Subordinate Lien Debt 4	0	0	0	0	0	0
9	Total Proposed Junior Lien Debt Service Payments	\$0	\$0	\$84,682	\$84,682	\$84,682	\$84,682
10	Total Solid Waste Debt Service Payments	\$157,693	\$477,724	\$562,710	\$523,461	\$405,118	\$405,118

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

**Projection of Interfund Transfers**

Line No.	Description	Fiscal Year Ending September 30,					
		2023	2024	2025	2026	2027	2028
<b>Payment in Lieu of Franchise Fees (PILOFF) [1]</b>							
1	Current Year Collection Revenue	\$3,336,343	\$3,710,245	\$4,090,080	\$4,488,099	\$4,903,130	\$5,184,356
2	Current Year Recycling Revenue	655,859	741,595	830,884	926,454	1,028,253	1,138,630
3	Total Rate Revenue	\$3,992,201	\$4,451,839	\$4,920,964	\$5,414,553	\$5,931,384	\$6,322,987
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	\$233,122	\$262,659	\$290,337	\$319,459	\$349,952	\$373,056
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	\$223,541	\$251,863	\$278,404	\$306,329	\$335,569	\$357,724
9	Recycling Payment in Lieu of Franchise Fees (PILOFF) Transfer	9,581	10,795	11,933	13,130	14,383	15,333
10	Annual Payment in Lieu of Franchise Fees (PILOFF) Transfers	\$233,122	\$262,659	\$290,337	\$319,459	\$349,952	\$373,056
<b>Charter Reserve Transfer</b>							
11	Total Charter Reserve Transfer	\$0	\$49,381	\$49,381	\$49,381	\$49,381	\$49,381
12	Total Interfund Transfers	\$233,122	\$312,040	\$339,718	\$368,840	\$399,333	\$422,438

**Footnotes:**

[1] Amounts reflect Fund Transfers budgeted in the Fiscal Year 2023 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	2023	2024	2025	2026	2027	2028
<b><u>Year End Cash Balances Roll-Up:</u></b>									
1	Solid Waste Operating Fund (447)	(U)	(U)	\$2,266,684	\$1,797,886	\$1,428,191	\$1,250,977	\$1,351,670	\$900,824
2	Customer Deposits (447A)	(R)	(R)	0	0	0	0	0	0
3	Charter Reserve Fund	(U)	(U)	535,070	585,851	636,759	687,794	738,957	790,247
4	Existing Construction Fund	(R)	(R)	0	0	0	0	0	0
5	Total Ending Cash Balances			\$2,801,754	\$2,383,737	\$2,064,950	\$1,938,771	\$2,090,627	\$1,691,072
<b><u>Solid Waste Operating Fund (447)</u></b>									
6	Beginning Balance			\$3,403,620	\$2,266,684	\$1,797,886	\$1,428,191	\$1,250,977	\$1,351,670
7	Transfers In - Revenue Requirements			3,992,201	4,451,839	4,920,964	5,414,553	5,931,384	6,322,987
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			5,129,138	4,920,637	5,290,659	5,591,768	5,830,690	6,203,031
14	Transfers Out - Capital Improvements			0	0	0	0	0	570,802
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)	\$7,088	\$5,081	\$4,033	\$3,349	\$3,253	\$2,816
20	Recognition of Interest Income in Revenue Requirements			\$7,088	\$5,081	\$4,033	\$3,349	\$3,253	\$2,816
21	Ending Balance	(U)		\$2,266,684	\$1,797,886	\$1,428,191	\$1,250,977	\$1,351,670	\$900,824
22	Target Days of Available Cash: 60 Days of Rate Revenue			656,252	731,809	808,926	890,064	975,022	1,039,395
23	Calculated Days of Available Cash (Revenue)			207	147	106	84	83	52
<b><u>Customer Deposits (447A)</u></b>									
24	Beginning Balance			\$0	\$0	\$0	\$0	\$0	\$0
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)	\$0	\$0	\$0	\$0	\$0	\$0
29	Recognition of Interest Income in Revenue Requirements			\$0	\$0	\$0	\$0	\$0	\$0
30	Ending Balance	(R)		\$0	\$0	\$0	\$0	\$0	\$0
<b><u>Charter Reserve Fund</u></b>									
31	Beginning Balance			\$535,070	\$535,070	\$585,851	\$636,759	\$687,794	\$738,957
32	Transfers In - Annual Operations			0	49,381	49,381	49,381	49,381	49,381
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	\$1,399	\$1,526	\$1,654	\$1,781	\$1,909
37	Recognition of Interest Income in Revenue Requirements			\$0	\$0	\$0	\$0	\$0	\$0
38	Ending Balance	(R)		\$535,070	\$585,851	\$636,759	\$687,794	\$738,957	\$790,247
<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
44	Recognition of Interest Income in Revenue Requirements			\$0	\$0	\$0	\$0	\$0	\$0
45	Ending Balance	(R)		\$0	\$0	\$0	\$0	\$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	2023	2024	2025	2026	2027	2028
<b>Proposed Bonds Construction Fund</b>									
46	Beginning Balance			\$0	\$0	\$0	\$0	\$0	\$0
47	Transfers In			0	4,150,000	0	0	0	0
48	Transfers Out - CIP			0	4,150,000	0	0	0	0
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
51	Recognition of Interest Income 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			\$157,693	\$477,724	\$562,710	\$523,461	\$405,118	\$405,118
54	Average Balance	(R)		39,423	119,431	140,678	130,865	101,280	101,280
55	Interest Rate			0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
56	Interest Income		(U)	\$99	\$299	\$352	\$327	\$253	\$253
57	Recognition of Interest Income in Revenue Requirements			\$99	\$299	\$352	\$327	\$253	\$253
<b><u>Interest Income:</u></b>									
58	Unrestricted Interest Income		(U)	\$7,186	\$5,379	\$4,384	\$3,676	\$3,507	\$3,069
59	Restricted Interest Income		(R)	0	1,399	1,526	1,654	1,781	1,909
60	<b>Total Interest Income</b>			<u>\$7,186</u>	<u>\$6,779</u>	<u>\$5,911</u>	<u>\$5,330</u>	<u>\$5,288</u>	<u>\$4,978</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,					
		2023	2024	2025	2026	2027	2028
<b><u>Operating Expenses [1]</u></b>							
1	Total Operating Expenses	\$3,598,871	\$3,685,526	\$3,898,628	\$4,174,801	\$4,464,725	\$4,773,566
<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)	\$157,693	\$157,288	\$157,592	\$118,343	\$0	\$0
3	Total Existing Debt Service Payments	\$157,693	\$157,288	\$157,592	\$118,343	\$0	\$0
<b><u>Proposed Debt Service: [3]</u></b>							
4	Additional Senior Lien Debt 1	\$0	\$320,436	\$320,436	\$320,436	\$320,436	\$320,436
5	Additional Junior Lien Debt 1	0	0	84,682	84,682	84,682	84,682
6	Additional Junior Lien Debt 2	0	0	0	0	0	0
7	Additional Junior Lien Debt 3	0	0	0	0	0	0
8	Additional Junior Lien Debt 4	0	0	0	0	0	0
9	Total Proposed Debt Service Payments	\$0	\$320,436	\$405,118	\$405,118	\$405,118	\$405,118
10	Total Debt Service Payments	\$157,693	\$477,724	\$562,710	\$523,461	\$405,118	\$405,118
<b><u>Other Revenue Requirements:</u></b>							
11	Transfers to General Fund - PILOFF [4]	\$233,122	\$262,659	\$290,337	\$319,459	\$349,952	\$373,056
12	Transfer to Charter Reserve Fund [5]	0	49,381	49,381	49,381	49,381	49,381
13	Other Capital Funded from Rates [6]	1,146,963	451,050	494,310	528,666	565,344	605,302
14	Transfer to Operating Reserves	0	0	0	0	0	0
15	Total Other Revenue Requirements	\$1,380,085	\$763,090	\$834,028	\$897,506	\$964,678	\$1,027,739
16	Gross Revenue Requirements	\$5,136,648	\$4,926,340	\$5,295,367	\$5,595,768	\$5,834,521	\$6,206,424
<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]	7,186	5,379	4,384	3,676	3,507	3,069
20	Transfer from Operating Reserves	0	0	0	0	0	0
21	Total Other Revenues	\$7,510	\$5,703	\$4,708	\$4,000	\$3,831	\$3,393
22	Net Revenue Requirements	\$5,129,138	\$4,920,637	\$5,290,659	\$5,591,768	\$5,830,690	\$6,203,031
<b><u>Revenue from Solid Waste Rates:</u></b>							
23	Collection Revenue	\$3,336,343	\$3,427,478	\$3,490,406	\$3,538,170	\$3,570,770	\$3,595,787
24	Prior Year Rate Adjustments	0	0	287,959	607,880	958,681	1,341,695
25	Collection Revenue Before Current Year Adjustments	\$3,336,343	\$3,427,478	\$3,778,365	\$4,146,050	\$4,529,451	\$4,937,482
26	Recycling Revenue	\$655,859	\$674,177	\$686,681	\$696,059	\$702,311	\$707,000
27	Prior Year Rate Adjustments	0	0	68,668	146,172	232,465	328,119
28	Recycling Revenue Before Current Year Adjustments	\$655,859	\$674,177	\$755,349	\$842,231	\$934,776	\$1,035,119
29	Total Rate Revenue Before Current Year Adjustment	\$3,992,201	\$4,101,655	\$4,533,714	\$4,988,281	\$5,464,227	\$5,972,601
30	Revenue Surplus / (Deficiency)	(1,136,936)	(818,982)	(756,945)	(603,487)	(366,464)	(230,430)
31	Percent of Current Year Rate Revenue	-28.48%	-19.97%	-16.70%	-12.10%	-6.71%	-3.86%

**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,					
		2023	2024	2025	2026	2027	2028
<b><u>Current Year Rate Adjustments - Collection</u></b>							
32	Current Year Rate Adjustment	0.00%	8.25%	8.25%	8.25%	8.25%	5.00%
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	\$282,767	\$311,715	\$342,049	\$373,680	\$246,874
<b><u>Current Year Rate Adjustments - Recycling</u></b>							
36	Current Year Rate Adjustment	0.00%	10.00%	10.00%	10.00%	10.00%	10.00%
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	\$67,418	\$75,535	\$84,223	\$93,478	\$103,512
40	Collection Revenue After Rate Adjustments	\$3,336,343	\$3,710,245	\$4,090,080	\$4,488,099	\$4,903,130	\$5,184,356
41	Recycling Revenue After Rate Adjustments	655,859	741,595	830,884	926,454	1,028,253	1,138,630
42	<b>Total Revenue After Rate Adjustments</b>	<b>\$3,992,201</b>	<b>\$4,451,839</b>	<b>\$4,920,964</b>	<b>\$5,414,553</b>	<b>\$5,931,384</b>	<b>\$6,322,987</b>
43	<b>Revenue Surplus/(Deficiency) [8]</b>	<b>(\$1,136,936)</b>	<b>(\$468,798)</b>	<b>(\$369,695)</b>	<b>(\$177,215)</b>	<b>\$100,694</b>	<b>\$119,956</b>
44	<b>Percent of Rate Revenues</b>	<b>-28.48%</b>	<b>-10.69%</b>	<b>-7.63%</b>	<b>-3.32%</b>	<b>1.72%</b>	<b>1.93%</b>

**Footnotes:**

- [1] Amounts derived from the City's Fiscal Year 2023 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) \$4,260,000  
Issue Date 10/1/2023  
Interest Rate 4.25%  
Term (Years) 20  
Annual Average Debt Service \$320,436

Additional Subordinate Lien Debt 1  
Principal (Includes Project Costs and Costs of Issuance) \$490,000  
Issue Date 10/1/2024  
Interest Rate 5.00%  
Term (Years) 7  
Annual Average Debt Service \$84,682

- [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,					
		2023	2024	2025	2026	2027	2028
<b><u>Subordinate Lien Test</u></b>							
31	Net Revenues	\$400,841	\$451,580	\$706,607	\$923,316	\$1,150,053	\$1,232,377
32	Total Subordinate Lien Debt Service Payments	\$0	\$0	\$84,682	\$84,682	\$84,682	\$84,682
33	Calculated Ratio	0.00%	0.00%	834.43%	1090.34%	1358.09%	1455.30%
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	\$1,146,963	\$451,050	\$494,310	\$528,666	\$565,344	\$605,302
36	Charter Reserve Fund Transfer	0	49,381	49,381	49,381	49,381	49,381
37	Transfers to General Fund - PILOFF	[4] 233,122	262,659	290,337	319,459	349,952	373,056
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	\$1,380,085	\$763,090	\$834,028	\$897,506	\$964,678	\$1,027,739
41	Net Amount Available for Other Utility System Purposes	<u>(\$1,136,936)</u>	<u>(\$468,798)</u>	<u>(\$369,695)</u>	<u>(\$177,215)</u>	<u>\$100,694</u>	<u>\$119,956</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, 2022.  
 [2] Revenue from solid waster rate adjustments reflect the following projected rate increases effective October 1st of each year.

Fiscal Year	2023	2024	2025	2026	2027	2028
Rate Adjustment	0.00%	8.25%	8.25%	8.25%	8.25%	5.00%

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

**Projection of Debt Service Coverage Compliance**

Line No.	Description	Fiscal Year Ending September 30,					
		2023	2024	2025	2026	2027	2028
<b><u>Subordinate Lien Test</u></b>							
31	Net Revenues	\$393,896	\$444,043	\$698,431	\$914,447	\$1,140,435	\$1,222,258
32	Total Subordinate Lien Debt Service Payments	\$0	\$0	\$84,682	\$84,682	\$84,682	\$84,682
33	Calculated Ratio	0.00%	0.00%	824.77%	1079.86%	1346.73%	1443.36%
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	\$1,146,963	\$451,050	\$494,310	\$528,666	\$565,344	\$605,302
36	Charter Reserve Fund Transfer	0	49,381	49,381	49,381	49,381	49,381
37	Transfers to General Fund - PILOFF	[4] 233,122	262,214	289,856	318,938	349,388	372,465
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	\$1,380,085	\$762,645	\$833,547	\$896,985	\$964,114	\$1,027,147
41	Net Amount Available for Other Utility System Purposes	<u>(\$1,143,882)</u>	<u>(\$475,889)</u>	<u>(\$377,389)</u>	<u>(\$185,562)</u>	<u>\$91,640</u>	<u>\$110,429</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, 2022.
- [2] Revenue from solid waster rate adjustments reflect the following projected rate increases effective October 1st of each year.

Fiscal Year	2023	2024	2025	2026	2027	2028
Rate Adjustment	0.00%	8.25%	8.25%	8.25%	8.25%	5.00%

- [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	Residential Collection & Disposal				Non-Ad Valorem Assessment
		Monthly Charges	Garbage Collection	Recycling Collection	Yard Waste Collection	
<b>City of Edgewater:</b>						
1	Current Rates	\$30.62	2 x week	1 x week	1 x week	No
2	Proposed Rates	33.24	2 x week	1 x week	1 x week	No
<b><u>Other Solid Waste Systems:</u></b>						
3	City of Daytona Beach	\$27.05	2 x week	1 x week	1 x week	No
4	City of DeLand	15.97	1 x week	1 x week	1 x week	No
5	City of Deltona	16.90	1 x week	0 x week	1 x week	Yes
6	City of Eustis	18.12	1 x week	1 x week	1 x week	No
7	City of Holly Hill	25.01	2 x week	1 x week	1 x week	No
8	City of Orange City	14.31	2 x week	1 x week	1 x week	Yes
9	City of Ormond Beach	23.54	2 x week	1 x week	1 x week	No
10	Town of Ponce Inlet	30.00	2 x week	1 x week	1 x week	No
11	City of Port Orange	23.57	2 x week	1 x week	1 x week	No
12	City of Sanford	20.76	2 x week	1 x week	1 x week	No
13	Seminole County [2]	25.00	2 x week	1 x week	1 x week	Yes
14	City of South Daytona	22.26	2 x week	1 x week	1 x week	No
15	Volusia County	21.83	2 x week	1 x week	1 x week	Yes
16	Other Utilities' Average	<u>\$21.87</u>				

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 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, 2022. In order to calculate projected revenues from rates for the Forecast Period, the existing Fiscal Year 2023 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 and a half percent (1.5%), beginning with 360 additional accounts per year and tapering down to 80 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 \$12,000 per year and interest earnings on unrestricted fund balances, located on Table 3-10, are estimated to average approximately \$4,800 per year.

### Operating and Maintenance Expenses

The Fiscal Year 2023 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 2023 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 2023 operating budget of \$6.0 million being adjusted down to approximately \$1.4 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 \$32,800 and \$6,200 annually, respectively. Operation and maintenance expenses are projected to increase by an annual average of approximately 6.82% per year from Fiscal Year 2023 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 / Benefits – 6.0% per Year
2. Health Insurance – 10.0% per Year
3. Consumer Price Index (CPI) – 5.00% in Fiscal Years 2024 and 2025, 2.10% in Fiscal Year 2026, 2.00% in Fiscal Year 2027, and 2.20% in Fiscal Year 2028
4. Electricity – 8.68% in Fiscal Year 2024, 5.00% in Fiscal Year 2025, and 3.50% per Year for the remainder of the Forecast Period
5. Benefits, and General Insurance – 6.0% per Year
6. Fuel – 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 2023 – 2028 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 \$27.5 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 \$49,600 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 \$240,000 and start in 2024. 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 \$160,000 annually (starting at \$141,000 in 2023 and increasing to \$178,000 by 2028), 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 \$14,000 per year (starting in 2024) is projected and funded in the rate plan to continue to meet this reserve requirement. Additionally, the City targets an Operating Fund cash balance of 90 days of rate revenue for the stormwater system. By the end of the Forecast Period the City is projected to have approximately \$788,000 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.

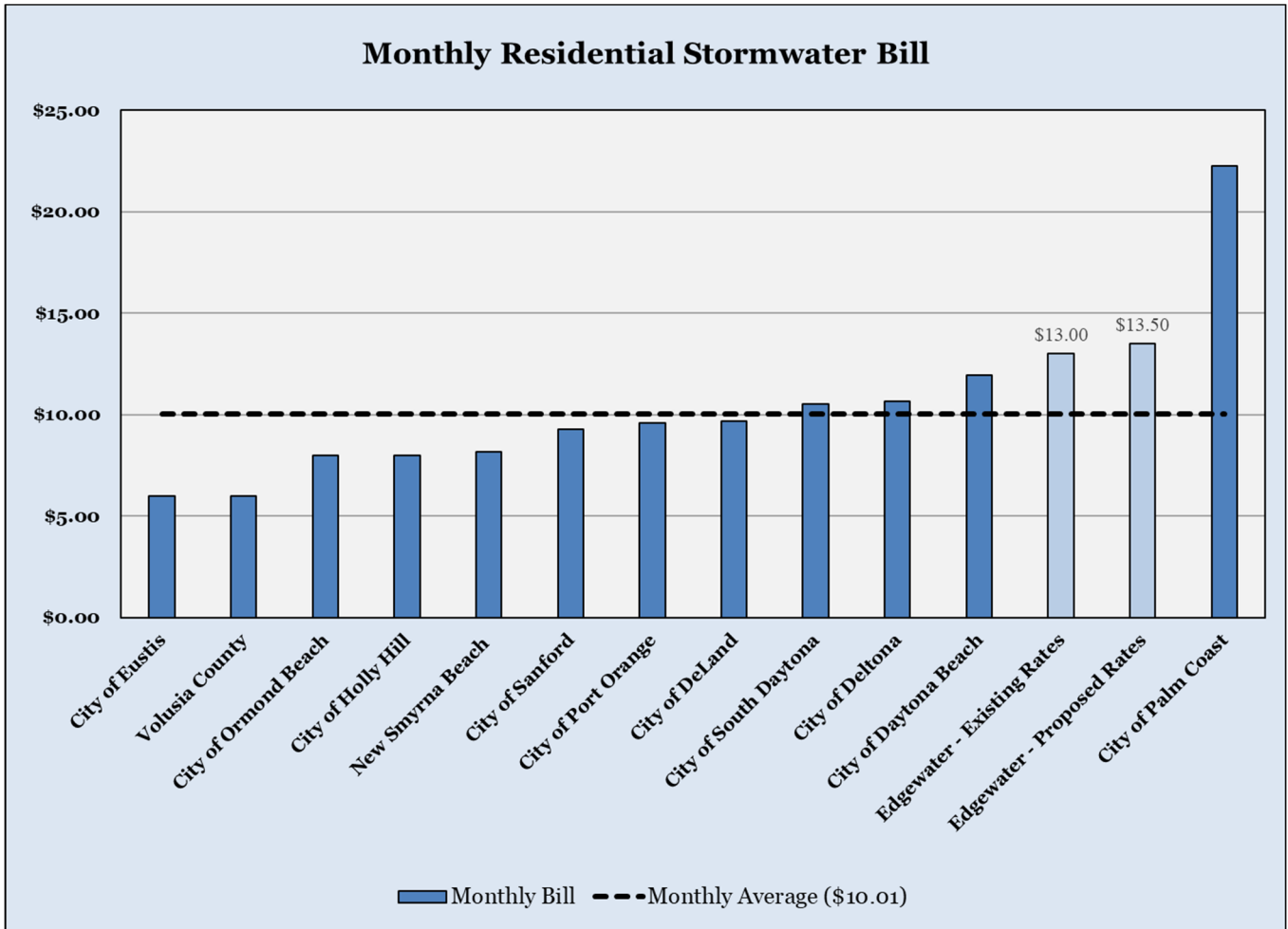
### Summary of Projected Rate Adjustments and Key Operating Results

Description	Fiscal Year Ending September 30,					
	2023	2024	2025	2026	2027	2028
Previously Recommended Rate Adjustments	0.00%	3.85%	3.70%	3.57%	3.45%	N/A
Proposed Stormwater Rate Adjustments	N/A[*]	3.85%	3.70%	3.57%	3.45%	3.33%
System Revenue Surplus/(Deficiency)	(\$713,460)	(\$1,538,456)	\$116,555	(\$3,858)	(\$526,977)	\$95,213
Operating Fund (Ending Balance)	\$2,645,571	\$1,107,115	\$1,223,670	\$1,219,812	\$692,836	\$788,048
Days of Cash (Target of 90-120 Days of Rate Revenue)	406	160	168	160	87	95
Charter Reserve Fund (Ending Balance)	\$284,043	\$298,860	\$313,714	\$328,606	\$343,535	\$358,501
Senior Lien Debt Service Coverage (Test 1.15)	N/A	4.17	4.42	4.55	4.61	4.28
Subordinate Lien Debt Service Coverage (Test 1.15)	19.35	17.68	N/A	N/A	N/A	N/A
All-In Debt Service Coverage (Target 1.50)	19.35	3.56	4.42	4.55	4.61	4.28

[\*] Rates were held constant in Fiscal Year 2023.

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As shown below and on Table 3-13, bills under the proposed Fiscal Year 2024 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					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
<b><u>Residential Class</u></b>												
1	Account Growth	(6)	45	52	171	252	355	293	200	150	100	75
2	Average Monthly Accounts	9,478	9,523	9,575	9,746	9,998	10,353	10,646	10,846	10,996	11,096	11,171
3	Average Equivalent Dwelling Units	9,478	9,523	9,575	9,746	9,998	10,353	10,646	10,846	10,996	11,096	11,171
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	1	0	1	1	(0)	0	0	0	0	0	0
6	Average Monthly Accounts	51	51	52	53	53	53	53	53	53	53	53
7	Average Equivalent Dwelling Units	1,372	1,427	1,422	1,416	1,352	1,352	1,352	1,352	1,352	1,352	1,352
8	Equivalent Dwelling Units (EDUs) Per Account	26.90	27.98	27.35	26.55	25.50	25.50	25.50	25.50	25.50	25.50	25.50
<b><u>Commercial (Without Site Mitigation)</u></b>												
9	Account Growth	(1)	5	(2)	3	1	5	5	5	5	5	5
10	Average Monthly Accounts	264	269	267	270	270	275	280	285	290	295	300
11	Average Equivalent Dwelling Units	1,670	1,691	1,686	1,685	1,680	1,711	1,742	1,773	1,804	1,835	1,866
12	Equivalent Dwelling Units (EDUs) Per Account	6.33	6.29	6.31	6.25	6.21	6.21	6.21	6.21	6.21	6.21	6.21
<b><u>Commercial (With Site Mitigation)</u></b>												
13	Account Growth	(0)	5	6	2	4	0	0	0	0	0	0
14	Average Monthly Accounts	196	201	207	209	212	212	212	212	212	212	212
15	Average Equivalent Dwelling Units	3,879	3,967	4,230	4,235	3,966	3,966	3,966	3,966	3,966	3,966	3,966
16	Equivalent Dwelling Units (EDUs) Per Account	19.79	19.74	20.43	20.31	18.70	18.70	18.70	18.70	18.70	18.70	18.70
17	Total Multi Family and Commercial EDUs	6,921	7,085	7,338	7,336	6,998	7,029	7,060	7,091	7,122	7,153	7,184
<b><u>Summary:</u></b>												
18	Account Growth	(6)	55	57	177	256	360	298	205	155	105	80
19	Total Accounts	9,989	10,044	10,101	10,278	10,533	10,893	11,191	11,396	11,551	11,656	11,736
20	Total Equivalent Dwelling Units	16,399	16,608	16,913	17,083	16,996	17,382	17,706	17,937	18,118	18,249	18,355
21	Equivalent Dwelling Units (EDUs) Per Account	1.64	1.65	1.67	1.66	1.61	1.60	1.58	1.57	1.57	1.57	1.56

**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 2022			Fiscal Year Ending September 30																		
		Rate	Total Annual Determinants	Calculated Revenue	2023			2024			2025			2026			2027			2028			
					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	\$7.06	119,976	\$847,031	\$7.06	124,236	\$877,107	\$7.06	127,752	\$901,930	\$7.06	130,152	\$918,874	\$7.06	131,952	\$931,583	\$7.06	133,152	\$940,055	\$7.06	134,052	\$946,409	
2	Total Base Fee Revenue			\$847,031			\$877,107			\$901,930			\$918,874			\$931,583			\$940,055			\$946,409	
3	Assessment Fee	\$5.94	119,976	\$712,657	\$5.94	124,236	\$737,962	\$5.94	127,752	\$758,848	\$5.94	130,152	\$773,104	\$5.94	131,952	\$783,796	\$5.94	133,152	\$790,924	\$5.94	134,052	\$796,270	
4	Total Assessment Fee Revenue			\$712,657			\$737,962			\$758,848			\$773,104			\$783,796			\$790,924			\$796,270	
5	Total Residential Revenue			\$1,559,688			\$1,615,069			\$1,660,778			\$1,691,978			\$1,715,379			\$1,730,979			\$1,742,679	
<b><u>Residential Multi-Family Stormwater Service</u></b>																							
6	Base Fee	\$7.06	16,219	\$114,504	\$7.06	16,219	\$114,504	\$7.06	16,219	\$114,504	\$7.06	16,219	\$114,504	\$7.06	16,219	\$114,504	\$7.06	16,219	\$114,504	\$7.06	16,219	\$114,504	
7	Total Base Fee Revenue			\$114,504			\$114,504			\$114,504			\$114,504			\$114,504			\$114,504			\$114,504	
8	Assessment Fee	\$5.94	16,219	\$96,339	\$5.94	16,219	\$96,339	\$5.94	16,219	\$96,339	\$5.94	16,219	\$96,339	\$5.94	16,219	\$96,339	\$5.94	16,219	\$96,339	\$5.94	16,219	\$96,339	
9	Total Assessment Fee Revenue			\$96,339			\$96,339			\$96,339			\$96,339			\$96,339			\$96,339			\$96,339	
10	Total Residential Multi Family Revenue			\$210,842			\$210,842			\$210,842			\$210,842			\$210,842			\$210,842			\$210,842	
<b><u>Commercial Stormwater Service</u></b>																							
11	Base Fee	\$13.00	20,157	\$262,047	\$13.00	20,530	\$266,892	\$13.00	20,903	\$271,737	\$13.00	21,276	\$276,582	\$13.00	21,648	\$281,428	\$13.00	22,021	\$286,273	\$13.00	22,394	\$291,118	
12	Total Base Fee Revenue			\$262,047			\$266,892			\$271,737			\$276,582			\$281,428			\$286,273			\$291,118	
<b><u>Non-Residential Stormwater Service</u></b>																							
13	Base Fee	\$5.94	47,595	\$282,714	\$5.94	47,595	\$282,714	\$5.94	47,595	\$282,714	\$5.94	47,595	\$282,714	\$5.94	47,595	\$282,714	\$5.94	47,595	\$282,714	\$5.94	47,595	\$282,714	
14	Total Base Fee Revenue			\$282,714			\$282,714			\$282,714			\$282,714			\$282,714			\$282,714			\$282,714	
15	Total Commercial / Non-Residential Service			\$544,761			\$549,606			\$554,451			\$559,297			\$564,142			\$568,987			\$573,832	
16	Subtotal Stormwater Rate Revenue			\$2,315,291			\$2,375,517			\$2,426,071			\$2,462,117			\$2,490,363			\$2,510,808			\$2,527,354	
17	Revenue Adjustments = 0.00%			\$0			\$0			\$0			\$0			\$0			\$0			\$0	
18	Total Stormwater Rate Revenue			\$2,315,291			\$2,375,517			\$2,426,071			\$2,462,117			\$2,490,363			\$2,510,808			\$2,527,354	
19	Stormwater Base Fee			\$1,506,295			\$1,541,216			\$1,570,885			\$1,592,675			\$1,610,228			\$1,623,545			\$1,634,745	
20	Stormwater Assessment Fee			808,996			834,301			855,186			869,443			880,135			887,263			892,609	
21	Total			\$2,315,291			\$2,375,517			\$2,426,071			\$2,462,117			\$2,490,363			\$2,510,808			\$2,527,354	

**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 2023	Adjustments	Adjusted 2023	Escalation Reference	Projected 2024	Fiscal Year Ending September 30th.			
			2017	2018	2019	2020	2021	2022						2025	2026	2027	2028
<b>Stormwater System</b>																	
1	448-0000-322.50-10	Culvert - Driveway	\$7,175	\$7,575	\$5,075	\$11,852	\$25,767	\$20,100	\$12,000	\$0	\$12,000	Constant	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000
2	448-0000-331.50-00	FEMA Reimbursement	0	0	0	0	0	0	0	0	Eliminate	0	0	0	0	0	0
3	448-0000-331.50-01	Hurricane Matthew 2016	0	0	0	0	0	2,098	0	0	Eliminate	0	0	0	0	0	0
4	448-0000-334.50-01	Hurricane Matthew 2016	0	0	0	0	0	185	0	0	Eliminate	0	0	0	0	0	0
5	448-0000-331.50-02	Hurricane Irma 2017	0	0	1,317	0	41,603	0	0	0	Eliminate	0	0	0	0	0	0
6	448-0000-334.50-02	Hurricane Irma 2017	0	0	73	0	0	0	0	0	Eliminate	0	0	0	0	0	0
7	448-0000-331.50-03	Hurricane Dorian 2019	0	0	0	0	16,030	0	0	0	Eliminate	0	0	0	0	0	0
8	448-0000-334.50-03	Hurricane Dorian 2019	0	0	0	0	2,619	0	0	0	Eliminate	0	0	0	0	0	0
9	448-0000-334.36-01	Grants	0	0	0	0	0	0	2,825,740	(2,825,740)	0	Eliminate	0	0	0	0	0
10	448-0000-343.66-10	Stormwater	1,472,552	1,713,050	1,892,110	2,077,640	2,128,986	2,304,567	2,386,041	(2,386,041)	0	Eliminate	0	0	0	0	0
11	448-0000-361.10-10	Interest	1,205	1,632	8,995	6,261	3,004	564	400	(400)	0	Eliminate	0	0	0	0	0
12	448-0000-361.10-12	Internal Loan	0	5,138	0	0	0	0	0	0	0	Eliminate	0	0	0	0	0
13	448-0000-361.11-10	Investment Returns	0	0	0	0	441	2,392	700	(700)	0	Eliminate	0	0	0	0	0
14	448-0000-364.32-00	Insurance Proceeds	0	0	0	0	6,606	0	0	0	0	Eliminate	0	0	0	0	0
15	448-0000-365.10-00	Sales / Surplus	40,460	0	0	0	0	0	0	0	0	Eliminate	0	0	0	0	0
16	448-0000-369.10-00	Other Income	0	0	0	2,784	1,531	3,813	0	0	0	Constant	0	0	0	0	0
17	448-0000-369.90-10	Miscellaneous Revenue	0	245	205	0	0	0	0	0	0	Constant	0	0	0	0	0
18	448-0000-369.90-20	Retirement Forfeitures	10,681	5,904	2,799	8,442	0	0	0	0	0	Constant	0	0	0	0	0
<b>Interfund Transfers:</b>																	
19	449-0000-381.04-48	Stormwater Capital	0	0	0	2,950	0	0	4,112,990	(4,112,990)	0	Eliminate	0	0	0	0	0
<b>Debt Proceeds:</b>																	
20	448-0000-384.06-01	Capital Improvement Note 2017	0	0	0	0	0	0	0	0	0	Eliminate	0	0	0	0	0
21	448-0000-389.04-1	Proceeds from L/T Debt	0	0	0	0	0	0	0	0	0	Eliminate	0	0	0	0	0
22	448-0000-389.90-12	Unreserved Proprietary	0	0	0	0	0	0	806,683	(806,683)	0	Eliminate	0	0	0	0	0
23	<b>Total Other Operating Revenue</b>		<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>\$2,333,719</u>	<u>\$10,144,554</u>	<u>(\$10,132,554)</u>	<u>\$12,000</u>		<u>\$12,000</u>	<u>\$12,000</u>	<u>\$12,000</u>	<u>\$12,000</u>	<u>\$12,000</u>

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

**Fiscal Year 2023 Operating Budget [1]**

Line No.	Cost ID Code	Description	Budget 2023	Adjustments	Adjusted 2023
<b>Operations</b>					
<b>Environmental Services</b>					
1	448-4070-538.12-10	Regular Salaries and Wages	\$594,274	\$0	\$594,274
2	AddPer	Additional Personnel	0	0	0
3	448-4070-538.14-10	Overtime	10,858	0	10,858
4	448-4070-538.15-30	Cell Phone	1,665	0	1,665
5	448-4070-538.15-60	Boot Allowance	1,950	0	1,950
6	448-4070-538.21-10	FICA Taxes	34,564	0	34,564
7	448-4070-538.21-20	Medicare	8,083	0	8,083
8	448-4070-538.22-10	Retirement Contributions	0	0	0
9	448-4070-538.22-20	DCSE	69,247	0	69,247
10	448-4070-538.23-10	Life Insurance	2,652	0	2,652
11	448-4070-538.23-20	Group Medical Insurance	159,776	0	159,776
12	448-4070-538.23-21	HSA Employer Contribution	12,150	0	12,150
13	448-4070-538.23-22	HRA Employer Contribution	750	0	750
14	448-4070-538.23-30	Dental Insurance	4,503	0	4,503
15	448-4070-538.23-40	Long Term Disability	4,746	0	4,746
16	448-4070-538.23-60	Broker & Admin. Fees	3,041	0	3,041
17	448-4070-538.23-90	OPEB	0	0	0
18	448-4070-538.24-10	Worker's Compensation	15,823	0	15,823
19	448-4070-538.31-10	Professional Services	0	0	0
20	448-4070-538.34-10	Other Contractual Services	10,880	0	10,880
21	448-4070-538.40-10	Travel & Per Diem	805	0	805
22	448-4070-538.41-10	Legal Ads	0	0	0
23	448-4070-538.41-40	Postage	13,680	0	13,680
24	448-4070-538.43-10	Electric	1,994	0	1,994
25	448-4070-538.44-10	Rent	5,110	0	5,110
26	448-4070-538.46-10	Repair and Maintenance	34,500	0	34,500
27	448-4070-538.46-20	Fleet Charges	155,928	0	155,928
28	448-4070-538.47-10	Printing and Binding	4,400	0	4,400
29	448-4070-538.48-10	Promotional Activities	10,000	0	10,000
30	448-4070-538.49-01	Cost Allocation	109,212	0	109,212
31	448-4070-538.49-10	Other Charges/Obligations	10,800	0	10,800
32	448-4070-538.49-20	Bank Charges	0	0	0
33	448-4070-538.49-48	PILOFF - Stormwater [2]	140,776	(140,776)	0
34	448-4070-538.51-10	Office Supplies	500	0	500
35	448-4070-538.52-10	Operating Supplies	11,250	0	11,250
36	448-4070-538.52-20	Unleaded & Diesel	50,042	0	50,042
37	448-4070-538.52-30	Uniforms	2,400	0	2,400
38	448-4070-538.54-10	Books, Pubs, Subs, and Mem	0	0	0
39	448-4070-538.54-20	Educational Development	2,205	0	2,205
40		Total Environmental Services	\$1,488,564	(\$140,776)	\$1,347,788
<b>Non-Departmental Services</b>					
41	448-5555-580.22-10	Retirement Contributions	\$20,908	\$0	\$20,908
42	448-5555-580.23-80	PTO Expense	0	0	0
43	448-5555-580.31-10	Professional Services	13,253	0	13,253
44	448-5555-580.45-10	Insurance / General Liability	3,724	0	3,724
45	448-5555-580.45-15	Insurance / Property	11,278	0	11,278
46	448-5555-580.45-20	Insurance / Public Officials	2,803	0	2,803
47	448-5555-580.45-25	Insurance / Automobile	3,353	0	3,353
48	448-5555-580.45-65	Insurance / Computer/Network	123	0	123
49	448-5555-580.71-40	Veh Lse 2016 Amer Cap Svc [3]	0	0	0
50	448-5555-580.49-10	Other Charges/Obligations	0	0	0
51	448-5555-580.49-30	Insurance Deductible	0	0	0



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

**Fiscal Year 2023 Operating Budget [1]**

Line No.	Cost ID Code	Description	Budget 2023	Adjustments	Adjusted 2023
52	448-5555-580.49-50	Write Off	0	0	0
53	448-5555-580.49-60	Hurricane Expense	0	0	0
54	448-5555-580.59-10	Depreciation	0	0	0
55	448-5555-580.61-10	Land [3]	0	0	0
56	448-5555-580.64-10	Machinery and Equipment [3]	185,000	(185,000)	0
57	448-5555-580.64-20	Motor Vehicles [3]	0	0	0
58	448-5555-580.71-28	BBT Cap Imp Rev Note 2014 [3]	47,940	(47,940)	0
59	448-5555-580.71-36	Menzi Lease 2015 [3]	0	0	0
60	448-5555-580.72-40	Veh Lse 2016 Amer Cap Svc [3]	0	0	0
61	448-5555-580.72-28	BBT Cap Imp Rev Note 2014 [3]	1,758	(1,758)	0
62	448-5555-580.72-36	Menzi Lease 2015 [3]	0	0	0
63	448-5555-580.73-42	BBT Cap Imp Rev Note SRS 2014 [3]	0	0	0
64		Total Non-Departmental Services	\$290,140	(\$234,698)	\$55,442
		<b>Other Adjustments</b>			
65	448-5555-581.04-44	Renewal & Replacement [3]	\$0	\$0	\$0
66	448-5555-581.04-49	Stormwater Capital [3]	4,112,990	(4,112,990)	0
67	448-5555-581.05-01	Public Works Complex - Capital Spending [3]	0	0	0
68	448-5555-581.04-50	MIS	0	0	0
69	448-5555-581.10-01	General Fund	0	0	0
70	448-5555-589.10-01	Current Year Unreserved [3]	139,870	(139,870)	0
64	448-5555-589.50-50	Charter Reserve/Stabalization	0	0	0
71	BadDebt	Bad Debt Expense - 0.25% of Rate Revs. [4]	0	5,939	5,939
72	Contingency	Operating Contingency - 2.00% of O&M [5]	0	28,183	28,183
73	Other	Tax Collection Charge	0	0	0
74		Total Other Adjustments	\$4,252,860	(\$4,218,738)	\$34,122
75		<b>Total Stormwater Expenses</b>	<b>\$6,031,564</b>	<b>(\$4,594,212)</b>	<b>\$1,437,352</b>

**Footnotes:**

- [1] Budgeted amounts are based on Fiscal Year 2023 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 [1]**

Line No.	Cost ID Code	Description	Adjusted	Escalation	Adjusted	Fiscal Year Ending September 30,			
			2023		2024	2025	2026	2027	2028
<b>Operations</b>									
<b>Environmental Services</b>									
<b>Personnel Expenses</b>									
1	448-4070-538.12-10	Regular Salaries and Wages	\$594,274	Labor	\$629,930	\$667,726	\$707,790	\$750,257	\$795,273
2		AddPer Additional Personnel	0	Input	0	0	0	0	84,200
3	448-4070-538.14-10	Overtime	10,858	Labor	11,509	12,200	12,932	13,708	14,530
4	448-4070-538.15-30	Cell Phone	1,665	Inflation	1,748	1,836	1,874	1,912	1,954
5	448-4070-538.15-60	Boot Allowance	1,950	Inflation	2,048	2,150	2,195	2,239	2,288
6	448-4070-538.21-10	FICA Taxes	34,564	Labor	36,638	38,836	41,166	43,636	46,254
7	448-4070-538.21-20	Medicare	8,083	Labor	8,568	9,082	9,627	10,205	10,817
8	448-4070-538.22-10	Retirement Contributions	0	Labor	0	0	0	0	0
9	448-4070-538.22-20	DCSE	69,247	Labor	73,402	77,806	82,474	87,423	92,668
10	448-4070-538.23-10	Life Insurance	2,652	General-Ins	2,785	2,924	3,070	3,224	3,385
11	448-4070-538.23-20	Group Medical Insurance	159,776	Ins-Health	175,754	193,329	212,662	233,928	257,321
12	448-4070-538.23-21	HSA Employer Contribution	12,150	Ins-Health	13,365	14,702	16,172	17,789	19,568
13	448-4070-538.23-22	HRA Employer Contribution	750	Ins-Health	825	908	998	1,098	1,208
14	448-4070-538.23-30	Dental Insurance	4,503	Ins-Health	4,953	5,449	5,993	6,593	7,252
15	448-4070-538.23-40	Long Term Disability	4,746	Labor	5,031	5,333	5,653	5,992	6,351
16	448-4070-538.23-60	Broker & Admin. Fees	3,041	Labor	3,223	3,417	3,622	3,839	4,070
17	448-4070-538.23-90	OPEB	0	Labor	0	0	0	0	0
18	448-4070-538.24-10	Worker's Compensation	15,823	Labor	16,772	17,779	18,845	19,976	21,175
19	448-4070-538.31-10	Professional Services	0	Contractual	0	0	0	0	0
20	448-4070-538.34-10	Other Contractual Services	10,880	Contractual	11,315	11,768	12,239	12,728	13,237
21	448-4070-538.40-10	Travel & Per Diem	805	Inflation	845	888	906	924	945
22	448-4070-538.41-10	Legal Ads	0	Inflation	0	0	0	0	0
23	448-4070-538.41-40	Postage	13,680	Inflation	14,364	15,082	15,399	15,707	16,052
24	448-4070-538.43-10	Electric	1,994	Electricity	2,167	2,275	2,355	2,438	2,523
25	448-4070-538.44-10	Rent	5,110	Inflation	60,366	38,384	39,190	39,974	40,853
26	448-4070-538.46-10	Repair and Maintenance	34,500	Repair	36,746	38,583	39,934	41,331	42,778
27	448-4070-538.46-20	Fleet Charges	155,928	Repair	111,266	116,830	120,919	125,151	129,531
28	448-4070-538.47-10	Printing and Binding	4,400	Inflation	4,620	4,851	4,953	5,052	5,163
29	448-4070-538.48-10	Promotional Activities	10,000	Inflation	10,500	11,025	11,257	11,482	11,734
30	448-4070-538.49-01	Cost Allocation	109,212	Labor	117,277	124,314	131,772	139,679	148,060
31	448-4070-538.49-10	Other Charges/Obligations	10,800	Inflation	11,340	11,907	12,157	12,400	12,673
32	448-4070-538.49-20	Bank Charges	0	Inflation	0	0	0	0	0
33	448-4070-538.49-48	PILOFF - Stormwater [2]	0	Eliminate	0	0	0	0	0
34	448-4070-538.51-10	Office Supplies	500	Inflation	525	551	563	574	587
35	448-4070-538.52-10	Operating Supplies	11,250	Inflation	11,813	12,403	12,664	12,917	13,201
36	448-4070-538.52-20	Unleaded & Diesel	50,042	Fuel	55,046	58,899	63,022	67,434	72,154
37	448-4070-538.52-30	Uniforms	2,400	Inflation	2,520	2,646	2,702	2,756	2,816
38	448-4070-538.54-10	Books, Pubs, Subs, and Mem	0	Inflation	0	0	0	0	0
39	448-4070-538.54-20	Educational Development	2,205	Inflation	2,315	2,431	2,482	2,532	2,587
40		Total Environmental Services	\$1,347,788		\$1,439,577	\$1,506,312	\$1,597,586	\$1,694,895	\$1,883,208
<b>Non-Departmental Services</b>									
41	448-5555-580.22-10	Retirement Contributions	\$20,908	Labor	\$22,162	\$23,492	\$24,902	\$26,396	\$27,980
42	448-5555-580.23-80	PTO Expense	0	Labor	0	0	0	0	0
43	448-5555-580.31-10	Professional Services	13,253	Contractual	13,783	14,334	14,908	15,504	16,124
44	448-5555-580.45-10	Insurance / General Liability	3,724	General-Ins	3,910	4,106	4,311	4,527	4,753
45	448-5555-580.45-15	Insurance / Property	11,278	General-Ins	11,842	12,434	13,056	13,708	14,394
46	448-5555-580.45-20	Insurance / Public Officials	2,803	Inflation	2,943	3,090	3,155	3,218	3,289
47	448-5555-580.45-25	Insurance / Automobile	3,353	Inflation	3,521	3,697	3,774	3,850	3,934
48	448-5555-580.45-65	Insurance / Computer/Network	123	Inflation	129	136	138	141	144
49	448-5555-580.72-40	Veh Lse 2016 Amer Cap Svc	0	Eliminate	0	0	0	0	0
50	448-5555-580.49-10	Other Charges/Obligations	0	Eliminate	0	0	0	0	0
51	448-5555-580.49-30	Insurance Deductible	0	Eliminate	0	0	0	0	0
52	448-5555-580.49-50	Write Off	0	Inflation	0	0	0	0	0
53	448-5555-580.49-60	Hurricane Expense	0	Eliminate	0	0	0	0	0
54	448-5555-580.59-10	Depreciation	0	Eliminate	0	0	0	0	0
55	448-5555-580.61-10	Land [3]	0	Eliminate	0	0	0	0	0
56	448-5555-580.64-10	Machinery and Equipment [3]	0	Eliminate	0	0	0	0	0
57	448-5555-580.64-20	Motor Vehicles [3]	0	Eliminate	0	0	0	0	0
58	448-5555-580.71-28	BBT Cap Imp Rev Note 2014 [3]	0	Eliminate	0	0	0	0	0
59	448-5555-580.71-40	Veh Lse 2016 Amer Cap Svc	0	Eliminate	0	0	0	0	0
60	448-5555-580.72-28	BBT Cap Imp Rev Note 2014 [3]	0	Eliminate	0	0	0	0	0
61	448-5555-580.73-42	BBT Cap Imp Rev Note SRS 2014 [3]	0	Eliminate	0	0	0	0	0
62		Total Non-Departmental Services	\$55,442		\$58,291	\$61,289	\$64,244	\$67,344	\$70,619

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

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

Line No.	Cost ID Code	Description	Adjusted 2023	Escalation	Adjusted 2024	Fiscal Year Ending September 30,			
						2025	2026	2027	2028
<b>Other Adjustments</b>									
63	448-5555-581.04-44	Renewal & Replacement [3]	\$0	Eliminate	\$0	\$0	\$0	\$0	\$0
64	448-5555-581.04-49	Stormwater Capital [3]	0	Eliminate	0	0	0	0	0
65	448-5555-581.05-01	Public Works Complex - Debt Service Payment [3]	0	Eliminate	0	0	0	0	0
66	448-5555-581.04-50	MIS	0	Inflation	0	0	0	0	0
67	448-5555-581.10-01	General Fund	0	Eliminate	0	0	0	0	0
68	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
69	BadDebt	Bad Debt Expense - 0.25% of Rate Revs. [4]	5,939	Input	6,065	6,155	6,226	6,277	6,318
70	Contingency	Operating Contingency - 2.00% of O&M [5]	28,183	Input	29,957	31,352	33,237	35,245	39,077
71	Other	Tax Collection Charge	0	Input	0	0	0	0	0
72		<b>Total Other Adjustments</b>	<b>\$34,122</b>		<b>\$36,023</b>	<b>\$37,507</b>	<b>\$39,463</b>	<b>\$41,522</b>	<b>\$45,395</b>
73		<b>Total Stormwater Expenses</b>	<b>\$1,437,352</b>		<b>\$1,533,890</b>	<b>\$1,605,108</b>	<b>\$1,701,293</b>	<b>\$1,803,761</b>	<b>\$1,999,221</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,				
			2024	2025	2026	2027	2028
1	General Inflation (CPI) [1][2]	Inflation	1.0500	1.0500	1.0210	1.0200	1.0220
2	Labor [2]	Labor	1.0600	1.0600	1.0600	1.0600	1.0600
3	Benefits [2]	Benefits	1.0600	1.0600	1.0600	1.0600	1.0600
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	1.0651	1.0500	1.0350	1.0350	1.0350
10	Electricity	Electricity	1.0868	1.0500	1.0350	1.0350	1.0350
11	Fuel	Fuel	1.1000	1.0700	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 2024 and 2025 projected based on recent trends. Fiscal Years 2026 through 2028 based on estimated projections from "Budget and Economic Outlook: 2023 to 2033", published by the Congressional Budget Office in February 2023.

[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	
				2023	2024	2025	2026	2027		2028
<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 (3.75% 1st Year, 3% onward)	ENR		1.0000	1.0375	1.0700	1.1000	1.1300	1.1600	
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>Stormwater System Capital Expenditures:</b>										
6	Baffle Box on 18th Canal	ENR	Rates	\$0	\$0	\$0	\$0	\$339,000	\$0	\$339,000
7	Baffle Box on 18th Canal II	ENR	G	0	0	0	0	339,000	0	339,000
8	Hart Avenue Drainage (Rollover)	ENR	Rates	869,689	0	0	0	0	0	869,689
9	Hart Avenue Drainage (Rollover) II	ENR	G	1,833,290	0	0	0	0	0	1,833,290
10	IRB East & Virginia St Improvements Stormwater	ENR	Rates	0	0	0	0	169,500	0	169,500
11	IRB East & Virginia St Improvements Stormwater II	ENR	G	0	0	0	0	169,500	0	169,500
12	New Hampshire/New York/Fernald Stormwater Improvements	ENR	Rates	0	0	107,000	0	0	0	107,000
13	New Hampshire/New York/Fernald Stormwater Improvements	ENR	G	0	0	107,000	0	0	0	107,000
14	Stormwater Canal Rehabilitation: FL Shores (Phase 1)	ENR	Rates	263,826	311,250	321,000	330,000	339,000	348,000	1,913,076
15	Unspecified Capital Outlay-Stormwater	ENR	Rates	50,000	51,875	0	0	0	0	101,875
16	Public Works Building	ENR	Rates	0	0	0	0	0	34,800	34,800
17	Public Works Building II	ENR	ND1	0	3,112,500	0	0	0	0	3,112,500
18	Acquisition of 125 Cheeta Drive	ENR	Rates	113,213	64,844	0	0	0	0	178,057
19	Acquisition of 125 Cheeta Drive II	ENR	G	250,850	194,531	0	0	0	0	445,381
20	G-2/G-11 Canal Improvements Project	Marginal	Rates	0	25,400	0	237,162	248,016	0	510,578
21	G-2/G-11 Canal Improvements Project II	None	G	0	732,100	0	6,972,838	7,291,984	0	14,996,922
21	Stormwater Master Plan	ENR	Rates	0	1,245,000	0	0	0	0	1,245,000
22	Vulnerability Assessment	ENR	Rates	0	77,813	0	0	0	0	77,813
23	Duck Pond Outfall (Lime Tree Dr: 17th St to 18th St)	ENR	Rates	0	217,875	0	0	0	0	217,875
24	Capital Outlay	Outlay	Rates	\$185,000	\$103,500	\$107,000	\$111,000	\$115,000	\$119,000	\$740,500
25	Menzi Tractor	Outlay	Rates	0	0	0	0	0	0	0
26	<b>Total Stormwater System Capital Expenditures</b>			<b>\$3,565,868</b>	<b>\$6,136,688</b>	<b>\$642,000</b>	<b>\$7,651,000</b>	<b>\$9,011,000</b>	<b>\$501,800</b>	<b>\$27,508,356</b>
<b><u>Funding Source Summary</u></b>										
28	Stormwater Rate Revenue		Rates	\$1,481,728	\$2,097,557	\$535,000	\$678,162	\$1,210,516	\$501,800	\$6,504,763
30	Grant Funding		G	2,084,140	926,631	107,000	6,972,838	7,800,484	0	17,891,093
31	New Senior Lien Debt I		ND1	0	3,112,500	0	0	0	0	3,112,500
32	Other Funding Sources (Gen. Fund etc.)		Other	0	0	0	0	0	0	0
33	<b>Total Funding Sources</b>			<b>\$3,565,868</b>	<b>\$6,136,688</b>	<b>\$642,000</b>	<b>\$7,651,000</b>	<b>\$9,011,000</b>	<b>\$501,800</b>	<b>\$27,508,356</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,					
		2023	2024	2025	2026	2027	2028
<b><u>STORMWATER SYSTEM</u></b>							
<u>Existing Debt:</u>							
1	Capital Improvement Revenue Note, Series 2014	\$49,546	\$41,105	\$0	\$0	\$0	\$0
2	Total Existing Debt Payments	<u>\$49,546</u>	<u>\$41,105</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
<u>Proposed Senior Lien Debt:</u>							
3	New Senior Lien Debt 1	\$0	\$240,327	\$240,327	\$240,327	\$240,327	\$240,327
4	Total Proposed Senior Lien Debt Service Payments	<u>\$0</u>	<u>\$240,327</u>	<u>\$240,327</u>	<u>\$240,327</u>	<u>\$240,327</u>	<u>\$240,327</u>
5	Total Stormwater Debt Service Payments	<u><u>\$49,546</u></u>	<u><u>\$281,432</u></u>	<u><u>\$240,327</u></u>	<u><u>\$240,327</u></u>	<u><u>\$240,327</u></u>	<u><u>\$240,327</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,					
		2023	2024	2025	2026	2027	2028
<b>PILOFF - Stormwater</b>							
1	Current Year Rate Revenues	\$2,375,517	\$2,519,382	\$2,651,511	\$2,777,712	\$2,897,086	\$3,013,383
2	PILOFF Percentage	5.93%	5.90%	5.90%	5.90%	5.90%	5.90%
3	PILOFF - Stormwater [1]	\$140,776	\$148,644	\$156,439	\$163,885	\$170,928	\$177,790
4	Total PILOFF	\$140,776	\$148,644	\$156,439	\$163,885	\$170,928	\$177,790
<b>Charter Reserve Transfer</b>							
5	Charter Reserve Transfer	\$0	\$14,090	\$14,090	\$14,090	\$14,090	\$14,090
6	Total Transfers	\$140,776	\$162,733	\$170,529	\$177,975	\$185,018	\$191,879

Footnotes:

[1] Amounts reflect fund transfers budgeted in the Fiscal Year 2023 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,					
		2023	2024	2025	2026	2027	2028
<b><u>Year End Cash Balances Roll-Up</u></b>							
1	Operating Fund (448)	\$2,645,571	\$1,107,115	\$1,223,670	\$1,219,812	\$692,836	\$788,048
2	Charter Reserve Fund	284,043	298,860	313,714	328,606	343,535	358,501
3	Total Ending Cash Balance	\$3,001,427	\$1,477,789	\$1,609,198	\$1,620,231	\$1,108,183	\$1,218,362
<b><u>Operating/General Revenue Account</u></b>							
4	Beginning Balance	\$3,359,032	\$2,645,571	\$1,107,115	\$1,223,670	\$1,219,812	\$692,836
5	Transfer In - Stormwater Revenue	2,375,517	2,519,382	2,651,511	2,777,712	2,897,086	3,013,383
6	Transfer In - R&R Fund	0	0	0	0	0	0
7	Transfer In - Stormwater Capital Fund	0	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	3,088,978	4,057,838	2,534,956	2,781,570	3,424,063	2,918,171
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	7,506	4,691	2,913	3,054	2,391	1,851
	Recognition of Interest Earnings						
19	in Revenue Requirements	7,506	4,691	2,913	3,054	2,391	1,851
20	Ending Balance	2,645,571	1,107,115	1,223,670	1,219,812	692,836	788,048
21	Target Days of Available Cash: 90 Days of Revenue	585,744	621,217	653,797	684,915	714,350	743,026
22	Calculated Days of Available Cash (Revenue)	406	160	168	160	87	95
<b><u>Stormwater Capital Fund</u></b>							
23	Beginning Balance [1]	\$71,813	\$71,813	\$71,813	\$71,813	\$71,813	\$71,813
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	0	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	180	180	180	180	180	180
	Recognition of Interest Earnings						
31	in Revenue Requirements	180	180	180	180	180	180
32	Ending Balance	71,813	71,813	71,813	71,813	71,813	71,813
<b><u>Charter Reserve Fund</u></b>							
33	Beginning Balance [1]	\$283,334	\$284,043	\$298,860	\$313,714	\$328,606	\$343,535
34	Transfers In - Operating Reserves	0	0	0	0	0	0
35	Transfers In - Charter Reserve Deposit	0	14,090	14,090	14,090	14,090	14,090
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	708	728	765	802	839	876
	Recognition of Interest Earnings						
42	in Revenue Requirements	0	0	0	0	0	0
43	Ending Balance	284,043	298,860	313,714	328,606	343,535	358,501



**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,					
		2023	2024	2025	2026	2027	2028
<b>Proposed Debt Construction Fund</b>							
44	Beginning Balance	\$0	\$0	\$0	\$0	\$0	\$0
45	Transfers In	0	3,112,500	0	0	0	0
46	Transfers Out	0	3,112,500	0	0	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	\$49,546	\$281,432	\$240,327	\$240,327	\$240,327	\$240,327
52	Average Balance (25% of annual debt service)	12,400	70,400	60,100	60,100	60,100	60,100
53	Interest Rate	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
54	Interest Income	31	176	150	150	150	150
	Recognition of Interest Earnings						
55	in Revenue Requirements	31	176	150	150	150	150
56	Ending Balance	37,146	211,032	180,227	180,227	180,227	180,227
57	<b>Total Unrestricted Interest Income</b>	<u>\$8,425</u>	<u>\$5,774</u>	<u>\$4,008</u>	<u>\$4,186</u>	<u>\$3,560</u>	<u>\$3,057</u>

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

**Projected Stormwater System Revenue Requirements**

Line No.	Description	Fiscal Year Ending September 30,					
		2023	2024	2025	2026	2027	2028
1	Operating Expenses [1]	\$1,437,352	\$1,533,890	\$1,605,108	\$1,701,293	\$1,803,761	\$1,999,221
	<u>Existing Debt Service [2]</u>						
2	Capital Improvement Revenue Note, Series 2014	\$49,546	\$41,105	\$0	\$0	\$0	\$0
3	Vehicle Lease 2016 Amer Cap Svc	0	0	0	0	0	0
4	Total Existing Debt	\$49,546	\$41,105	\$0	\$0	\$0	\$0
	<u>Proposed Debt Service [3]</u>						
5	New Senior Lien Debt 1	\$0	\$240,327	\$240,327	\$240,327	\$240,327	\$240,327
6	Total Proposed Debt	\$0	\$240,327	\$240,327	\$240,327	\$240,327	\$240,327
7	Total Debt Service	\$49,546	\$281,432	\$240,327	\$240,327	\$240,327	\$240,327
	<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]	140,776	148,644	156,439	163,885	170,928	177,790
11	Transfer to Charter Reserve Fund	0	14,090	14,090	14,090	14,090	14,090
12	Capital Funded from Rates [5]	1,481,728	2,097,557	535,000	678,162	1,210,516	501,800
13	Total Other Revenue Requirements	\$1,622,504	\$2,260,290	\$705,529	\$856,136	\$1,395,534	\$693,679
14	Gross Revenue Requirements	\$3,109,402	\$4,075,612	\$2,550,964	\$2,797,756	\$3,439,623	\$2,933,228
	<u>Less Income and Funds from Other Sources</u>						
15	Other Operating Revenue [6]	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000
16	Uses of Reserves	0	0	0	0	0	0
17	Unrestricted Interest Income [7]	8,425	5,774	4,008	4,186	3,560	3,057
18	Transfer from General Fund	0	0	0	0	0	0
19	<b>Net Revenue Requirements</b>	<b>\$3,088,978</b>	<b>\$4,057,838</b>	<b>\$2,534,956</b>	<b>\$2,781,570</b>	<b>\$3,424,063</b>	<b>\$2,918,171</b>
	<b>Revenue from Rates</b>						
	<u>Stormwater Base Fee</u>						
20	Stormwater Rate Revenue - Existing Rates	\$1,541,216	\$1,570,885	\$1,592,675	\$1,610,228	\$1,623,545	\$1,634,745
21	Prior Year Rate Adjustments	0	0	61,257	123,864	187,332	251,499
22	Total Rate Revenue Before Current Year Adjustment	\$1,541,216	\$1,570,885	\$1,653,931	\$1,734,092	\$1,810,878	\$1,886,244
	<u>Current Year Rate Adjustments - Base Fee</u>						
23	Current Year Rate Adjustments	0.0%	3.8%	3.7%	3.6%	3.4%	3.3%
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	\$60,419	\$61,257	\$61,932	\$62,444	\$62,875
27	Total Revenue from Rates - Base Fee	<b>\$1,541,216</b>	<b>\$1,631,304</b>	<b>\$1,715,188</b>	<b>\$1,796,024</b>	<b>\$1,873,322</b>	<b>\$1,949,119</b>
	<u>Stormwater Assessment Fee</u>						
28	Stormwater Rate Revenue - Existing Rates	\$834,301	\$855,186	\$869,443	\$880,135	\$887,263	\$892,609
29	Prior Year Rate Adjustments	0	0	33,440	67,703	102,376	137,324
30	Total Rate Revenue Before Current Year Adjustment	\$834,301	\$855,186	\$902,883	\$947,837	\$989,639	\$1,029,933

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

**Projected Stormwater System Revenue Requirements**

Line No.	Description	Fiscal Year Ending September 30,					
		2023	2024	2025	2026	2027	2028
<u>Current Year Rate Adjustments - Assessment Fee</u>							
31	Current Year Rate Adjustments	0.0%	3.8%	3.7%	3.6%	3.4%	3.3%
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	\$32,892	\$33,440	\$33,851	\$34,125	\$34,331
35	<b>Total Revenue from Rates - Assessment Fee</b>	<b>\$834,301</b>	<b>\$888,078</b>	<b>\$936,323</b>	<b>\$981,689</b>	<b>\$1,023,765</b>	<b>\$1,064,265</b>
<u>Combined Revenue from Rates</u>							
36	Stormwater Rate Revenue - Existing Rates	\$2,375,517	\$2,426,071	\$2,462,117	\$2,490,363	\$2,510,808	\$2,527,354
37	Prior Year Rate Adjustments	0	0	94,697	191,566	289,709	388,824
38	Total Rate Revenue Before Current Year Adjustment	\$2,375,517	\$2,426,071	\$2,556,814	\$2,681,929	\$2,800,517	\$2,916,177
<u>Current Year Rate Adjustments</u>							
39	Current Year Rate Adjustments	0.0%	3.8%	3.7%	3.6%	3.4%	3.3%
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	\$93,310	\$94,697	\$95,783	\$96,570	\$97,206
43	<b>Total Revenue from Rates</b>	<b>\$2,375,517</b>	<b>\$2,519,382</b>	<b>\$2,651,511</b>	<b>\$2,777,712</b>	<b>\$2,897,086</b>	<b>\$3,013,383</b>
44	<b>Revenue Surplus/(Deficiency) [8]</b>	<b>(\$713,460)</b>	<b>(\$1,538,456)</b>	<b>\$116,555</b>	<b>(\$3,858)</b>	<b>(\$526,977)</b>	<b>\$95,213</b>
45	<b>Percentage Revenue Surplus/(Deficiency)</b>	<b>-30.0%</b>	<b>-61.1%</b>	<b>4.4%</b>	<b>-0.1%</b>	<b>-18.2%</b>	<b>3.2%</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					
		2023	2024	2025	2026	2027	2028
<b>Gross Revenues</b>							
<b>Stormwater Revenues</b>							
1	Revenues from Existing Rates	[1] \$2,375,517	\$2,426,071	\$2,462,117	\$2,490,363	\$2,510,808	\$2,527,354
2	Revenues from Proposed Rate Adjustments	[2] 0	93,310	189,394	287,350	386,278	486,030
3	Total Rate Revenues	\$2,375,517	\$2,519,382	\$2,651,511	\$2,777,712	\$2,897,086	\$3,013,383
4	Other Operating Revenue	12,000	12,000	12,000	12,000	12,000	12,000
5	Unrestricted Interest Income	[3] 8,425	5,774	4,008	4,186	3,560	3,057
6	Total System Gross Revenues	\$2,395,942	\$2,537,156	\$2,667,519	\$2,793,898	\$2,912,646	\$3,028,441
7	Operation and Maintenance Expenses	\$1,437,352	\$1,533,890	\$1,605,108	\$1,701,293	\$1,803,761	\$1,999,221
8	Net Revenues	\$958,590	\$1,003,266	\$1,062,411	\$1,092,606	\$1,108,885	\$1,029,219
<b>Senior Lien Coverage</b>							
9	Additional Senior Lien Debt 1	\$0	\$240,327	\$240,327	\$240,327	\$240,327	\$240,327
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	\$240,327	\$240,327	\$240,327	\$240,327	\$240,327
14	Coverage Ratio - Calculated	N/A	4.17	4.42	4.55	4.61	4.28
15	Coverage Ratio - Required	1.15	1.15	1.15	1.15	1.15	1.15
<b>Subordinate Lien Coverage</b>							
16	Net Revenues	\$958,590	\$1,003,266	\$1,062,411	\$1,092,606	\$1,108,885	\$1,029,219
17	Less Senior Lien Debt Service (Inc. Coverage)	0	(276,376)	(276,376)	(276,376)	(276,376)	(276,376)
18	Net Revenues less Senior Lien Debt Service	\$958,590	\$726,890	\$786,034	\$816,229	\$832,508	\$752,843
<b>Subordinate Debt Service:</b>							
<b>Existing Debt Service</b>							
19	Capital Improvement Revenue Note, Series 2014	[4] \$49,546	\$41,105	\$0	\$0	\$0	\$0
<b>Proposed Debt Service</b>							
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	\$49,546	\$41,105	\$0	\$0	\$0	\$0
25	Coverage Ratio - Calculated	19.35	17.68	N/A	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	\$909,044	\$721,834	\$822,084	\$852,278	\$868,558	\$788,892
<b>All-In Debt Service Coverage</b>							
28	Combined All-In Debt Service Payments	\$49,546	\$281,432	\$240,327	\$240,327	\$240,327	\$240,327
29	Coverage Ratio - Calculated	19.35	3.56	4.42	4.55	4.61	4.28
30	Coverage Ratio - Target	1.50	1.50	1.50	1.50	1.50	1.50
<b>Other Uses / (Sources) of Funds</b>							
31	Payment In Lieu of Franchise Fee	[5] \$140,776	\$148,644	\$156,439	\$163,885	\$170,928	\$177,790
32	Transfer to Charter Reserve Fund	0	14,090	14,090	14,090	14,090	14,090
33	Capital Funded from Rates	1,481,728	2,097,557	535,000	678,162	1,210,516	501,800
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	(\$713,460)	(\$1,538,456)	\$116,555	(\$3,858)	(\$526,977)	\$95,213

Footnotes located on following page.

**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, 2022.  
 [2] Revenue from rate adjustments reflect the following projected rate increases effective October 1st of each year.

Fiscal Year	2023	2024	2025	2026	2027	2028
Rate Adjustment	0.00%	3.85%	3.70%	3.57%	3.45%	3.33%

- [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 2024	13.50	2,027
<b><u>Other Florida Utilities</u></b>			
3	City of Daytona Beach	\$11.96	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	City of New Smyrna Beach	8.17	1,818
9	City of Ormond Beach	8.00	3,000
10	City of Palm Coast	22.27	3,682
11	City of Port Orange [*]	9.58	3,050
12	City of Sanford	9.27	2,126
13	City of South Daytona	10.50	2,000
14	Volusia County	6.00	2,775
15	Other Utilities' Average	\$10.01	2,578
16	Minimum	6.00	1,661
17	Maximum	22.27	3,682

**Footnotes:**

[1] Unless otherwise noted, amounts shown reflect rates in effect April 2023 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**

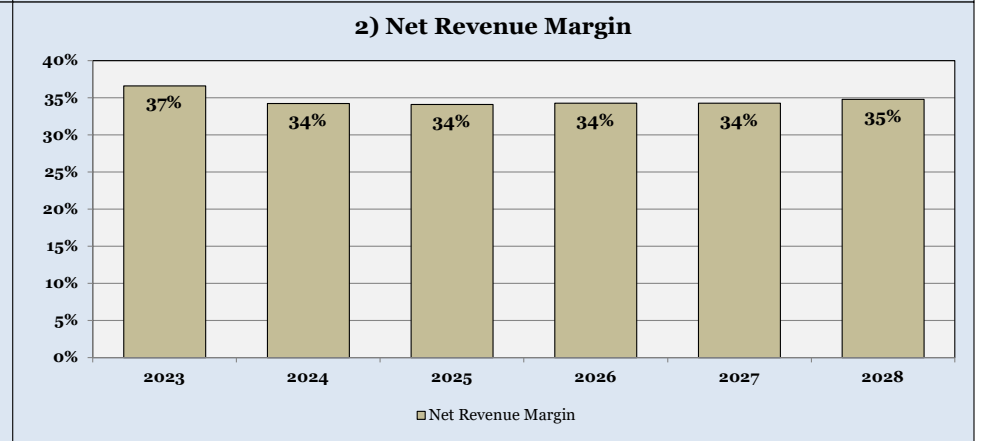
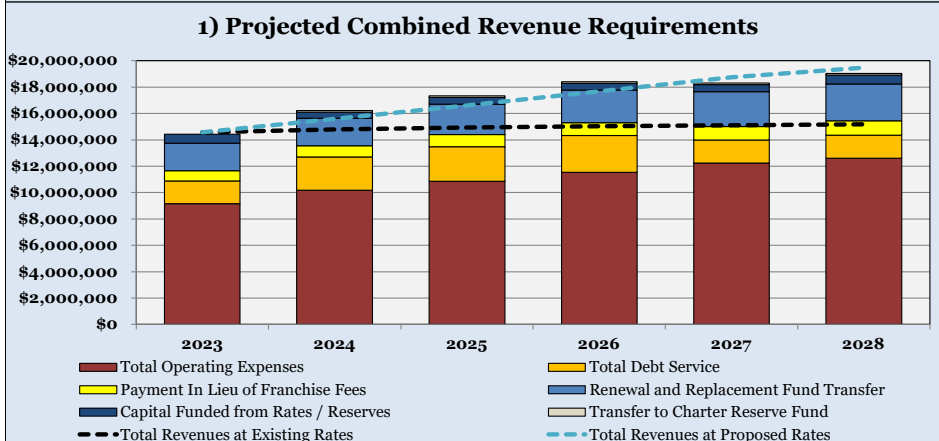
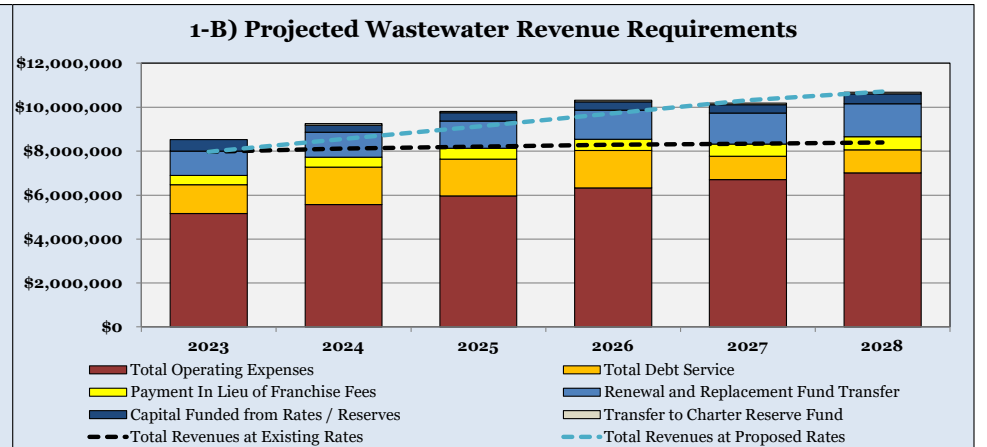
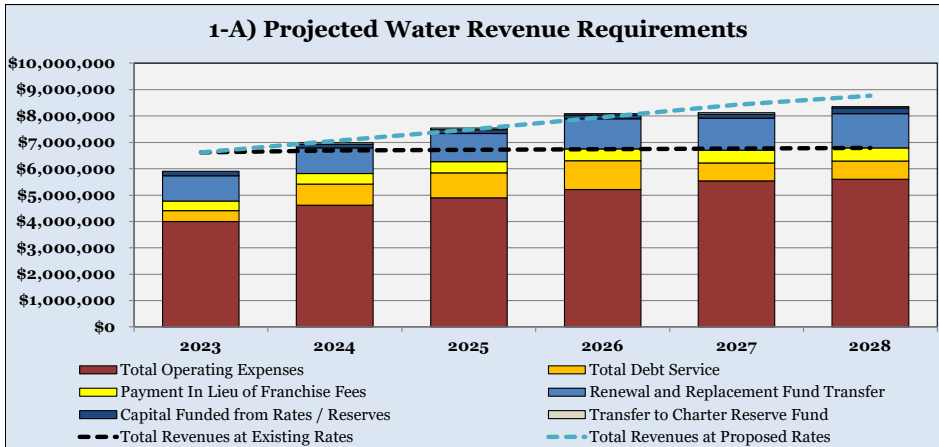


**Appendix I**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**



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

Description	Fiscal Year Ending September 30th,						Description	Fiscal Year Ending September 30th,					
	2023	2024	2025	2026	2027	2028		2023	2024	2025	2026	2027	2028
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency):</b>						
Water Revenue Adjustment	0.00%	6.00%	6.00%	6.00%	6.00%	3.50%	Water Revenue Surplus / (Deficiency)	\$705,082	\$73,310	(\$53,146)	(\$139,728)	\$307,325	\$409,379
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Wastewater Revenue Surplus / (Deficiency)	(\$62,977)	(\$698,464)	(\$684,384)	(\$96,461)	133,179	27,541
Wholesale Water Revenue Adjustment	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	Combined Revenue Surplus / (Deficiency)	\$142,105	(\$625,153)	(\$737,530)	(\$736,189)	\$440,504	\$436,920
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Percent of Rate Revenues	1.05%	-4.26%	-4.68%	-4.36%	2.45%	2.33%
Wastewater Revenue Adj.	0.00%	6.00%	6.00%	6.00%	6.00%	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	\$31.45	\$33.34	\$35.34	37.46	\$38.77
Reclaimed Revenue Adj.	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Average Wastewater Bill @ 3,000 gal	49.51	52.49	55.64	58.98	62.52	64.71
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Average Combined Bill @ 3,000 gal	\$79.17	\$83.94	\$88.98	\$94.32	\$99.98	\$103.48
Combined Adjustment	N/A	5.77%	5.78%	5.79%	5.80%	3.49%	Monthly Increase - Total	N/A	\$4.77	\$5.04	\$5.34	\$5.66	\$3.50
Cumulative Adjustment	N/A	5.77%	11.88%	18.36%	25.22%	29.59%	Monthly Increase - Cost Per Gallon	N/A	\$0.0012	\$0.0013	\$0.0013	\$0.0014	\$0.0009





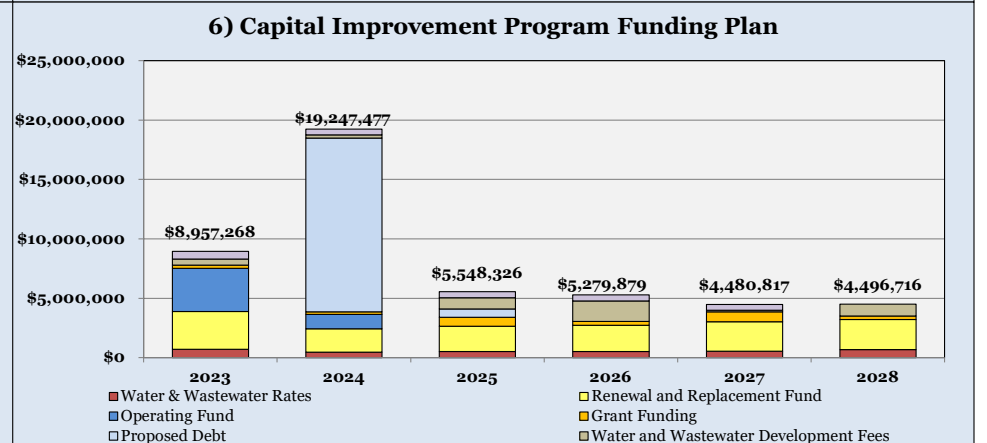
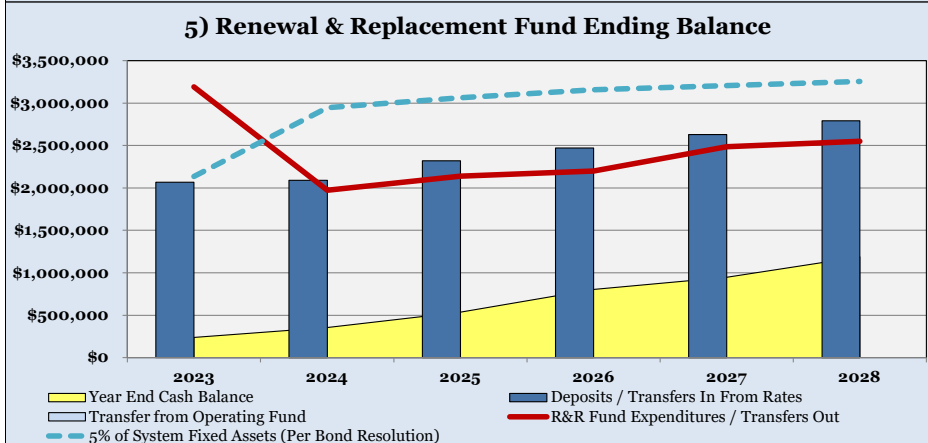
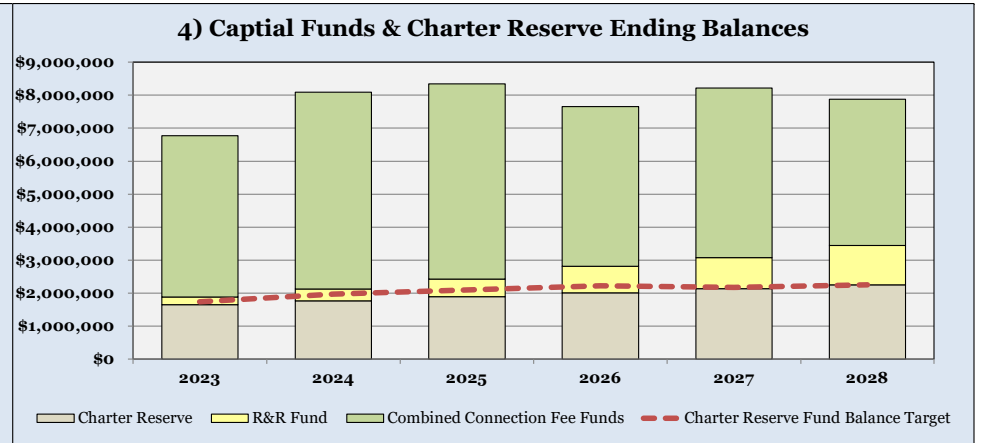
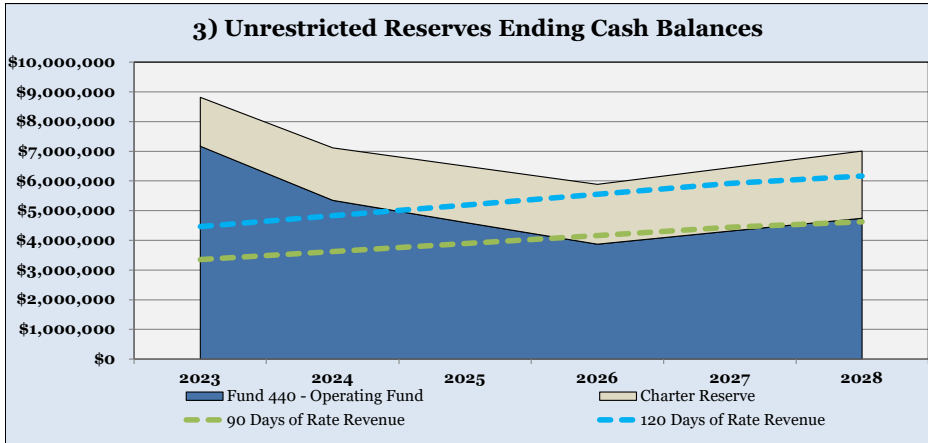


**Appendix I**  
**City of Edgewater, Florida**  
**Water and Wastewater Utility Rate Study**



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

Description	Fiscal Year Ending September 30th,						Description	Fiscal Year Ending September 30th,					
	2023	2024	2025	2026	2027	2028		2023	2024	2025	2026	2027	2028
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency):</b>						
Water Revenue Adjustment	0.00%	6.00%	6.00%	6.00%	6.00%	3.50%	Water Revenue Surplus / (Deficiency)	\$705,082	\$73,310	(\$53,146)	(\$139,728)	\$307,325	\$409,379
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Wastewater Revenue Surplus / (Deficiency)	(\$62,977)	(\$68,464)	(\$684,384)	(\$96,461)	133,179	27,541
Wholesale Water Revenue Adjustment	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	Combined Revenue Surplus / (Deficiency)	\$142,105	(\$625,153)	(\$737,530)	(\$736,189)	\$440,504	\$436,920
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Percent of Rate Revenues	1.05%	-4.26%	-4.68%	-4.36%	2.45%	2.33%
Wastewater Revenue Adj.	0.00%	6.00%	6.00%	6.00%	6.00%	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	\$31.45	\$33.34	\$35.34	37.46	\$38.77
Reclaimed Revenue Adj.	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Average Wastewater Bill @ 3,000 gal	49.51	52.49	55.64	58.98	62.52	64.71
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Average Combined Bill @ 3,000 gal	\$79.17	\$83.94	\$88.98	\$94.32	\$99.98	\$103.48
Combined Adjustment	N/A	5.77%	5.78%	5.79%	5.80%	3.49%	Monthly Increase - Total	N/A	\$4.77	\$5.04	\$5.34	\$5.66	\$3.50
Cumulative Adjustment	N/A	5.77%	11.88%	18.36%	25.22%	29.59%	Monthly Increase - Cost Per Gallon	N/A	\$0.0012	\$0.0013	\$0.0013	\$0.0014	\$0.0009



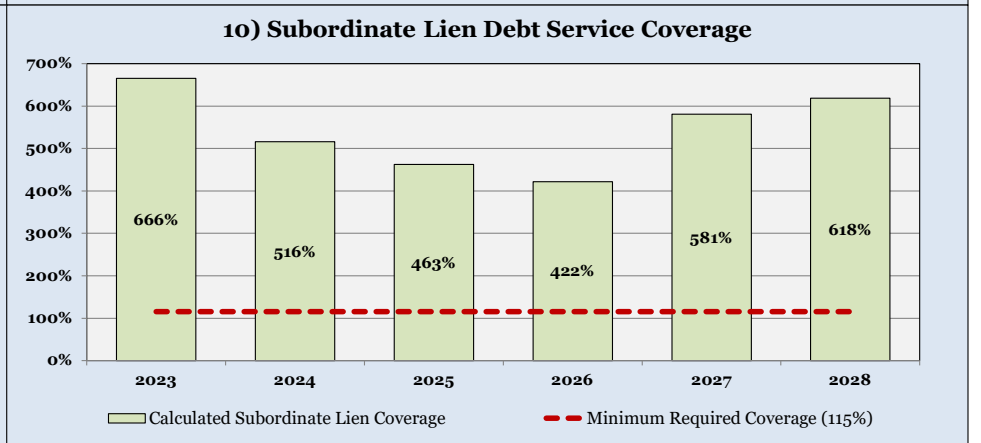
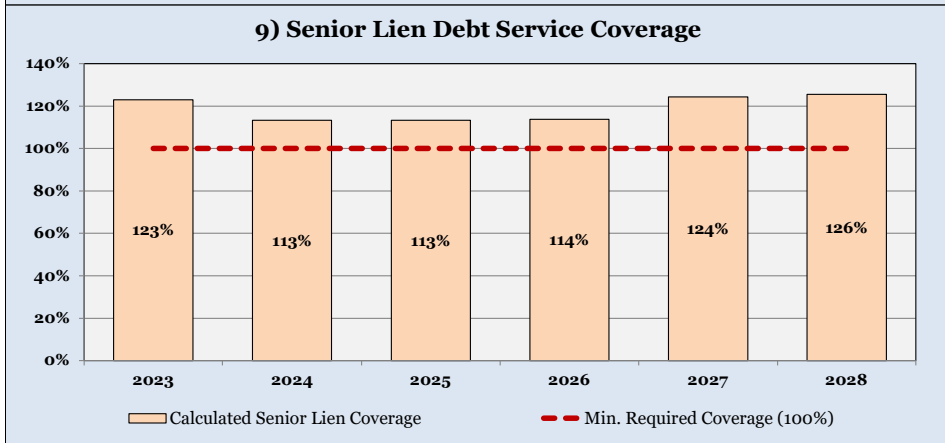
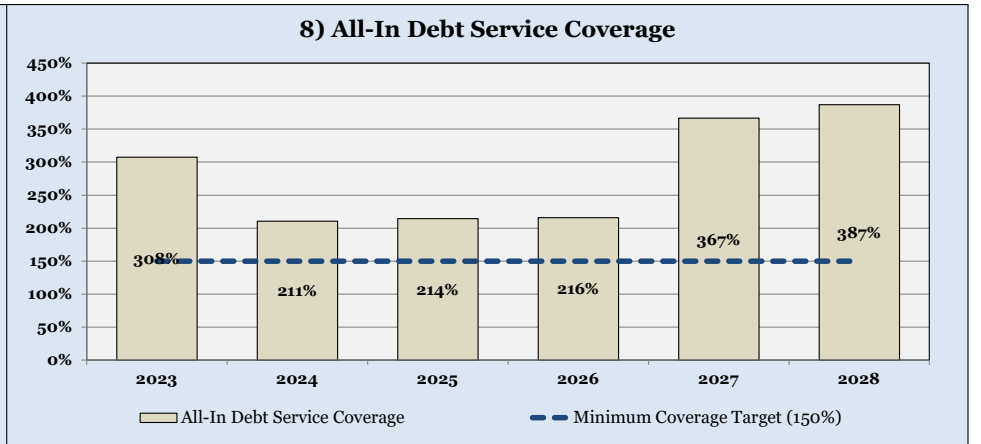
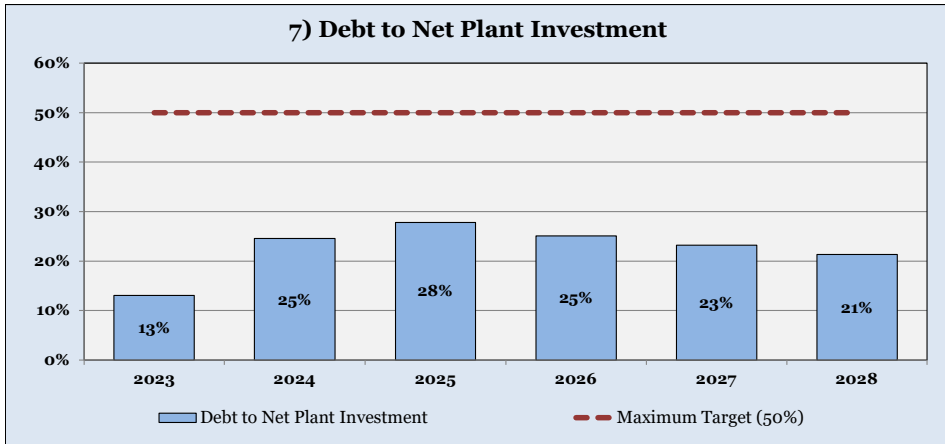


**Appendix I  
City of Edgewater, Florida  
Water and Wastewater Utility Rate Study**



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

Description	Fiscal Year Ending September 30th,						Description	Fiscal Year Ending September 30th,					
	2023	2024	2025	2026	2027	2028		2023	2024	2025	2026	2027	2028
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency):</b>						
Water Revenue Adjustment	0.00%	6.00%	6.00%	6.00%	6.00%	3.50%	Water Revenue Surplus / (Deficiency)	\$705,082	\$73,310	(\$53,146)	(\$139,728)	\$307,325	\$409,379
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Wastewater Revenue Surplus / (Deficiency)	(\$62,977)	(\$68,464)	(\$684,384)	(\$96,461)	133,179	27,541
Wholesale Water Revenue Adjustment	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	Combined Revenue Surplus / (Deficiency)	\$142,105	(\$625,153)	(\$737,530)	(\$736,189)	\$440,504	\$436,920
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Percent of Rate Revenues	1.05%	-4.26%	-4.68%	-4.36%	2.45%	2.33%
Wastewater Revenue Adj.	0.00%	6.00%	6.00%	6.00%	6.00%	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	\$31.45	\$33.34	\$35.34	37.46	\$38.77
Reclaimed Revenue Adj.	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Average Wastewater Bill @ 3,000 gal	49.51	52.49	55.64	58.98	62.52	64.71
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Average Combined Bill @ 3,000 gal	\$79.17	\$83.94	\$88.98	\$94.32	\$99.98	\$103.48
Combined Adjustment	N/A	5.77%	5.78%	5.79%	5.80%	3.49%	Monthly Increase - Total	N/A	\$4.77	\$5.04	\$5.34	\$5.66	\$3.50
Cumulative Adjustment	N/A	5.77%	11.88%	18.36%	25.22%	29.59%	Monthly Increase - Cost Per Gallon	N/A	\$0.0012	\$0.0013	\$0.0013	\$0.0014	\$0.0009



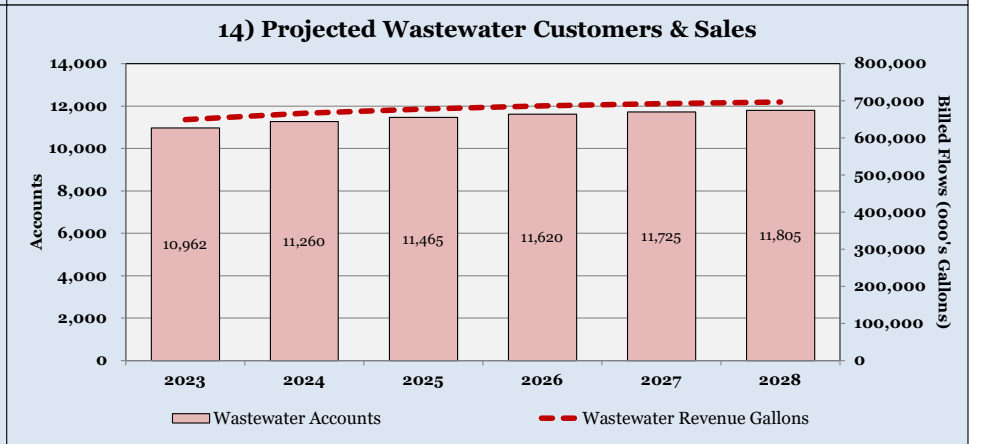
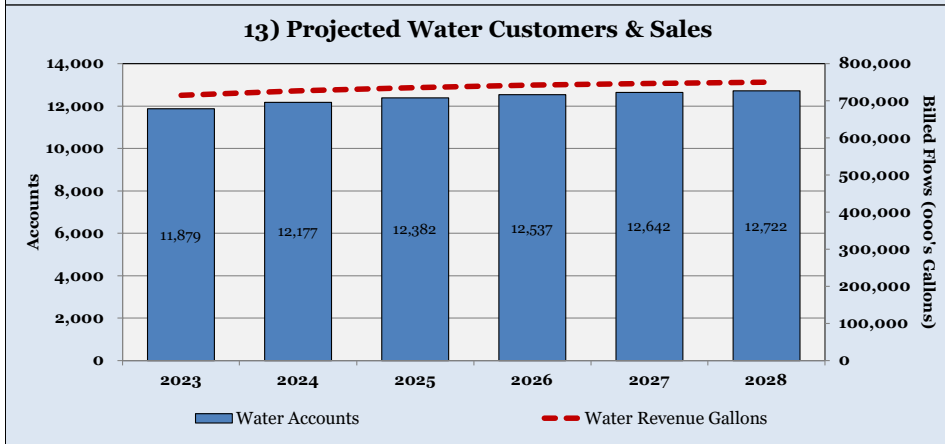
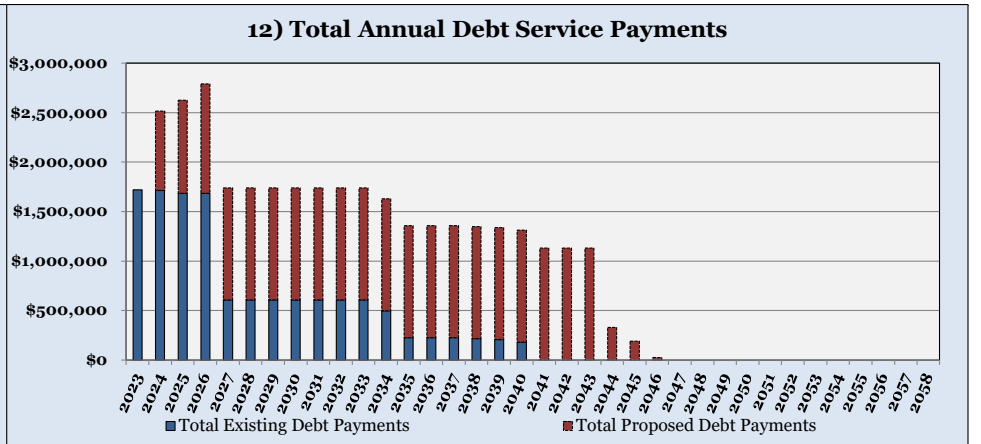
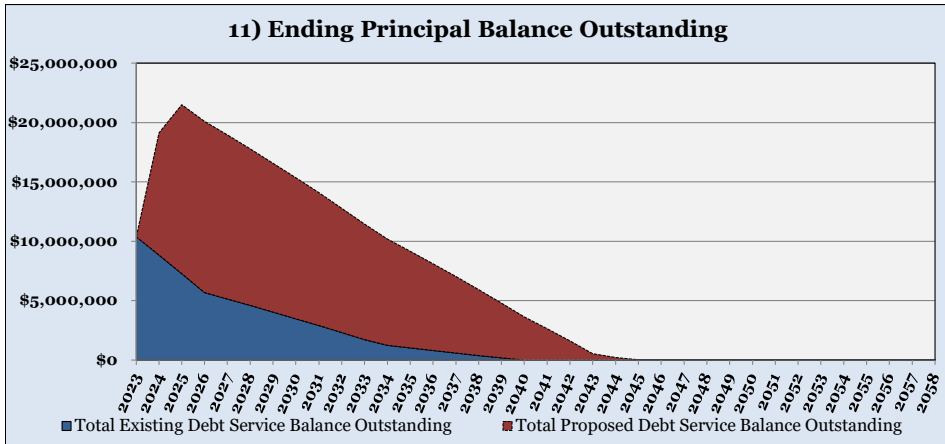


**Appendix I  
City of Edgewater, Florida  
Water and Wastewater Utility Rate Study**



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

Description	Fiscal Year Ending September 30th,						Description	Fiscal Year Ending September 30th,					
	2023	2024	2025	2026	2027	2028		2023	2024	2025	2026	2027	2028
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency):</b>						
Water Revenue Adjustment	0.00%	6.00%	6.00%	6.00%	6.00%	3.50%	Water Revenue Surplus / (Deficiency)	\$705,082	\$73,310	(\$53,146)	(\$139,728)	\$307,325	\$409,379
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Wastewater Revenue Surplus / (Deficiency)	(\$62,977)	(\$68,464)	(\$68,384)	(\$96,461)	133,179	27,541
Wholesale Water Revenue Adjustment	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	Combined Revenue Surplus / (Deficiency)	\$142,105	(\$625,153)	(\$737,530)	(\$736,189)	\$440,504	\$436,920
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Percent of Rate Revenues	1.05%	-4.26%	-4.68%	-4.36%	2.45%	2.33%
Wastewater Revenue Adj.	0.00%	6.00%	6.00%	6.00%	6.00%	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	\$31.45	\$33.34	\$35.34	37.46	\$38.77
Reclaimed Revenue Adj.	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Average Wastewater Bill @ 3,000 gal	49.51	52.49	55.64	58.98	62.52	64.71
Effective Month of Increase	Aug.	Oct.	Oct.	Oct.	Oct.	Oct.	Average Combined Bill @ 3,000 gal	\$79.17	\$83.94	\$88.98	\$94.32	\$99.98	\$103.48
Combined Adjustment	N/A	5.77%	5.78%	5.79%	5.80%	3.49%	Monthly Increase - Total	N/A	\$4.77	\$5.04	\$5.34	\$5.66	\$3.50
Cumulative Adjustment	N/A	5.77%	11.88%	18.36%	25.22%	29.59%	Monthly Increase - Cost Per Gallon	N/A	\$0.0012	\$0.0013	\$0.0013	\$0.0014	\$0.0009



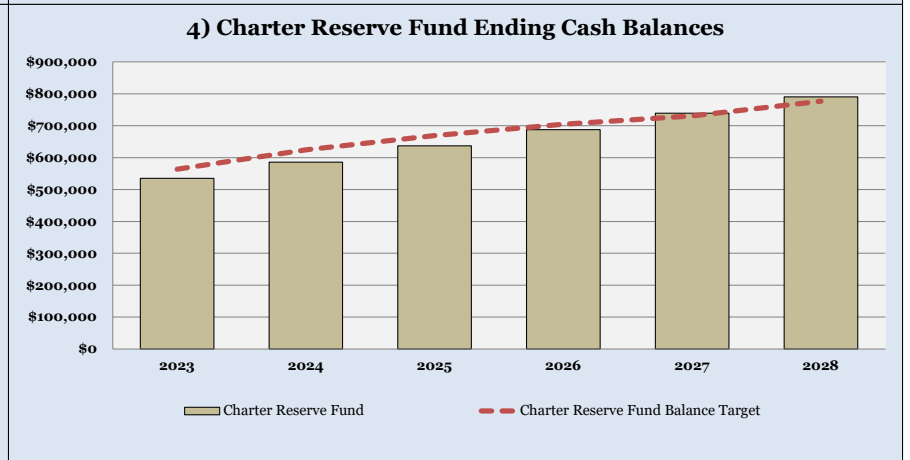
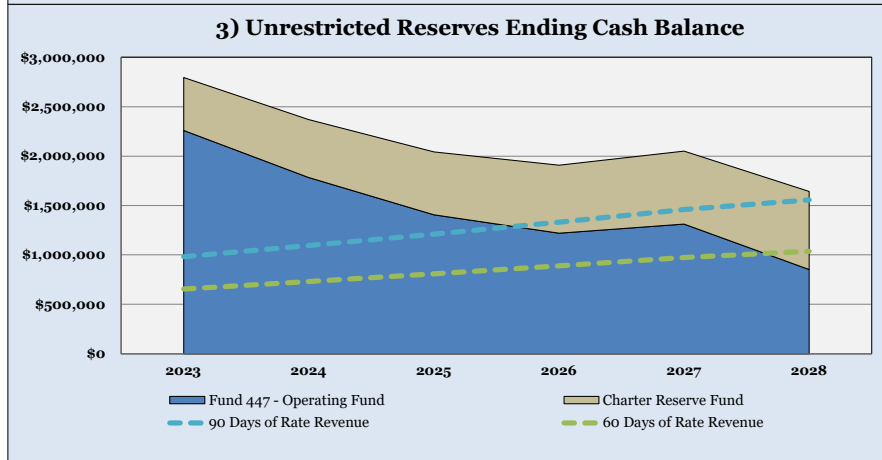
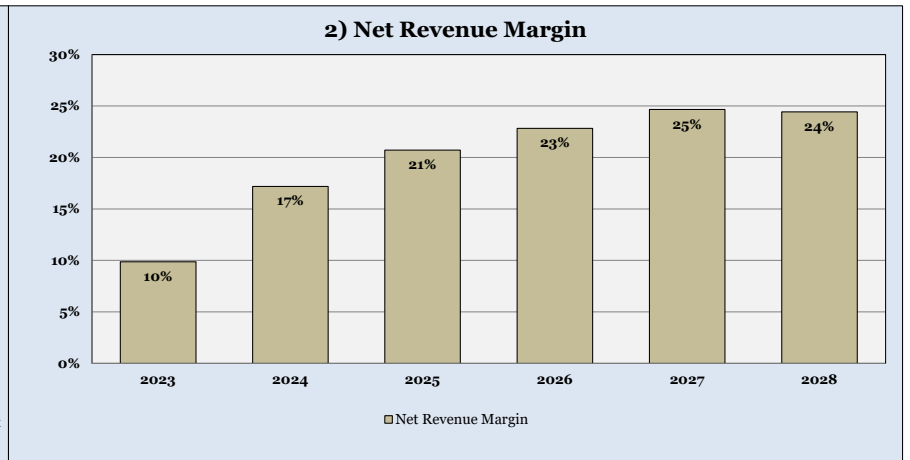
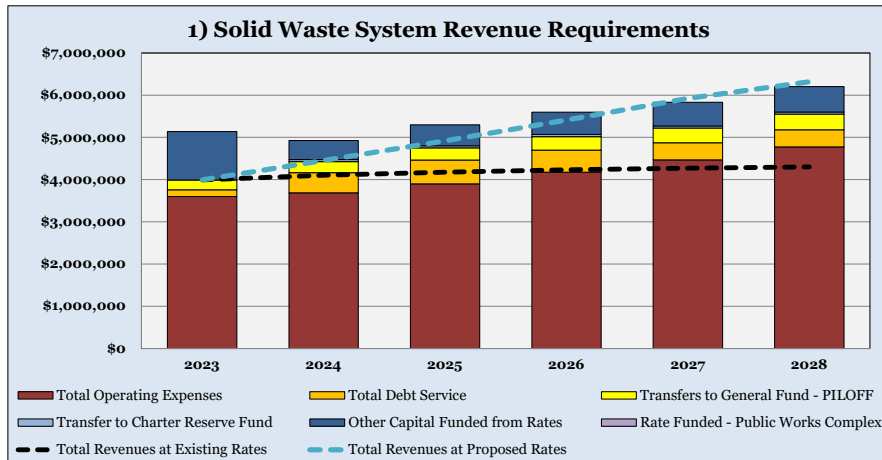


## Appendix 2 City of Edgewater, Florida Solid Waste Utility Rate Study



### Solid Waste System Financial Dashboards and Performance Metrics

Description	Fiscal Year Ending September 30,						Description	Fiscal Year Ending September 30,							
	2023	2024	2025	2026	2027	2028		2023 Base	2023	2024	2025	2026	2027	2028	
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency)</b>								
Solid Waste Collection Revenue Adjustment	0.00%	8.25%	8.25%	8.25%	8.25%	5.00%		(\$1,143,882)	(\$475,889)	(\$377,389)	(\$185,562)	\$91,640	\$110,429		
Effective Month of Increase	Jul.	Oct.	Oct.	Oct.	Oct.	Oct.		-28.70%	-10.71%	-7.68%	-3.43%	1.55%	1.75%		
<b>Recycling Revenue Adjustment</b>							<b>Average Residential Bill:</b>								
Recycling Revenue Adjustment	0.00%	10.00%	10.00%	10.00%	10.00%	10.00%		\$25.41	\$25.41	\$27.51	\$29.78	\$32.24	\$34.90	\$36.65	
Effective Month of Increase	Oct.	Oct.	Oct.	Oct.	Oct.	Oct.		Recycling	5.21	5.21	5.73	6.30	6.93	7.62	8.38
Combined Adjustment	N/A	8.54%	8.54%	8.55%	8.55%	5.87%		Total Solid Waste Bill	\$30.62	\$30.62	\$33.24	\$36.08	\$39.17	\$42.52	\$45.03
Cumulative Adjustment	N/A	8.54%	17.81%	27.88%	38.81%	46.96%		Annual Change - Total	N/A	\$0.00	\$2.62	\$2.84	\$3.09	\$3.35	\$2.51



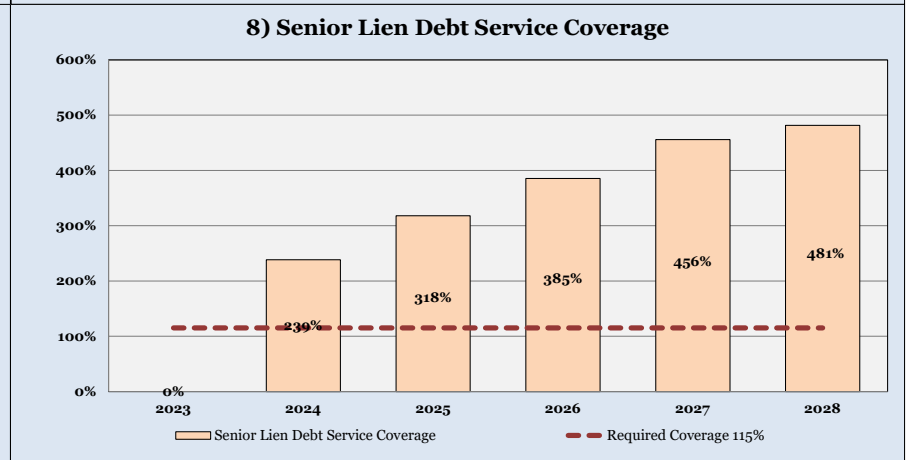
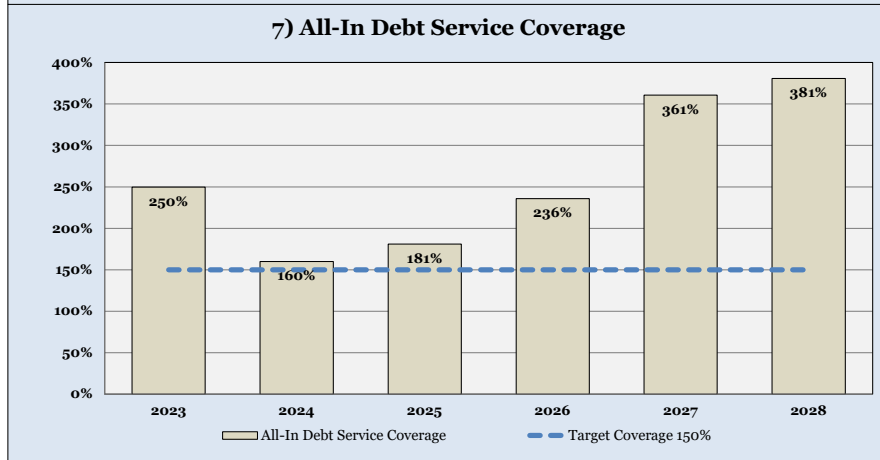
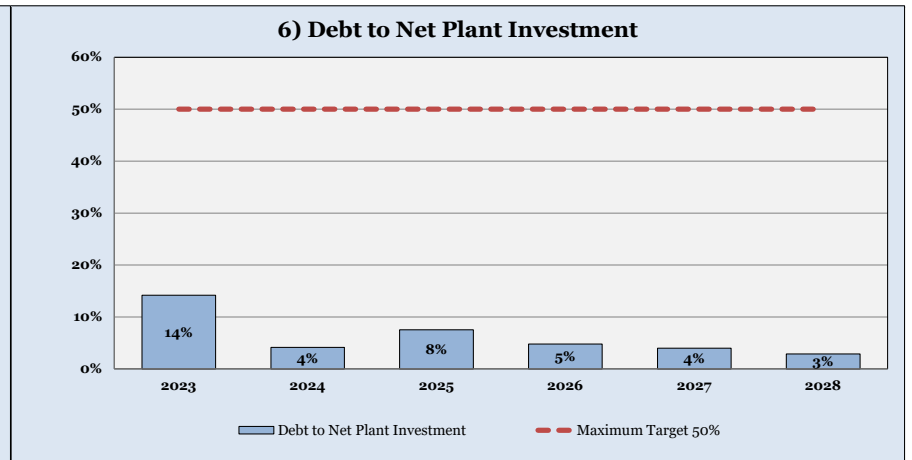
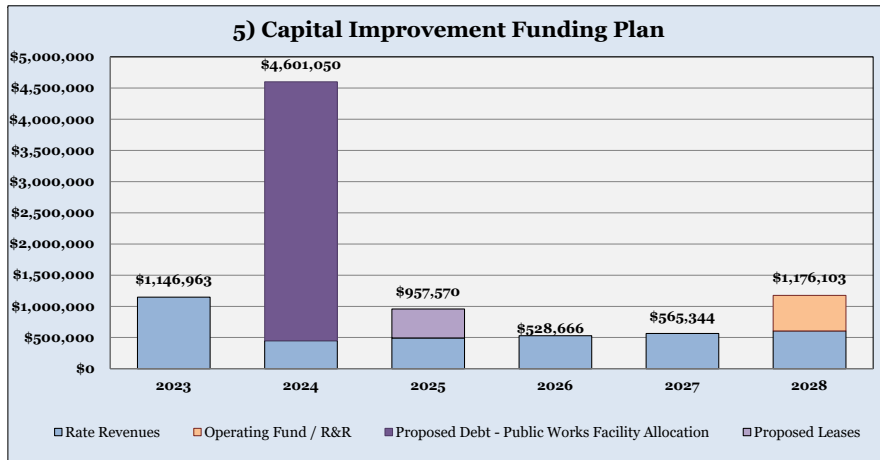


**Appendix 2  
City of Edgewater, Florida  
Solid Waste Utility Rate Study**



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

Description	Fiscal Year Ending September 30,						Description	Fiscal Year Ending September 30,						
	2023	2024	2025	2026	2027	2028		2023 Base	2023	2024	2025	2026	2027	2028
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency)</b>							
Solid Waste Collection Revenue Adjustment	0.00%	8.25%	8.25%	8.25%	8.25%	5.00%	Percent of Rate Revenues	(\$1,143,882)	(\$475,889)	(\$377,389)	(\$185,562)	\$91,640	\$110,429	
Effective Month of Increase	Jul.	Oct.	Oct.	Oct.	Oct.	Oct.		-28.70%	-10.71%	-7.68%	-3.43%	1.55%	1.75%	
Recycling Revenue Adjustment	0.00%	10.00%	10.00%	10.00%	10.00%	10.00%	<b>Average Residential Bill:</b>							
Effective Month of Increase	Oct.	Oct.	Oct.	Oct.	Oct.	Oct.	Solid Waste Collection	\$25.41	\$25.41	\$27.51	\$29.78	\$32.24	\$34.90	\$36.65
Combined Adjustment	N/A	8.54%	8.54%	8.55%	8.55%	5.87%	Recycling	5.21	5.21	5.73	6.30	6.93	7.62	8.38
Cumulative Adjustment	N/A	8.54%	17.81%	27.88%	38.81%	46.96%	Total Solid Waste Bill	\$30.62	\$30.62	\$33.24	\$36.08	\$39.17	\$42.52	\$45.03
							Annual Change - Total	N/A	\$0.00	\$2.62	\$2.84	\$3.09	\$3.35	\$2.51



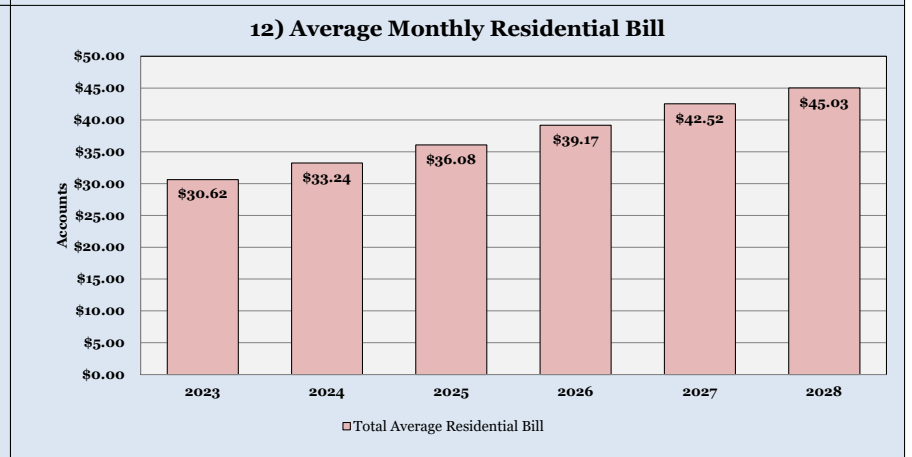
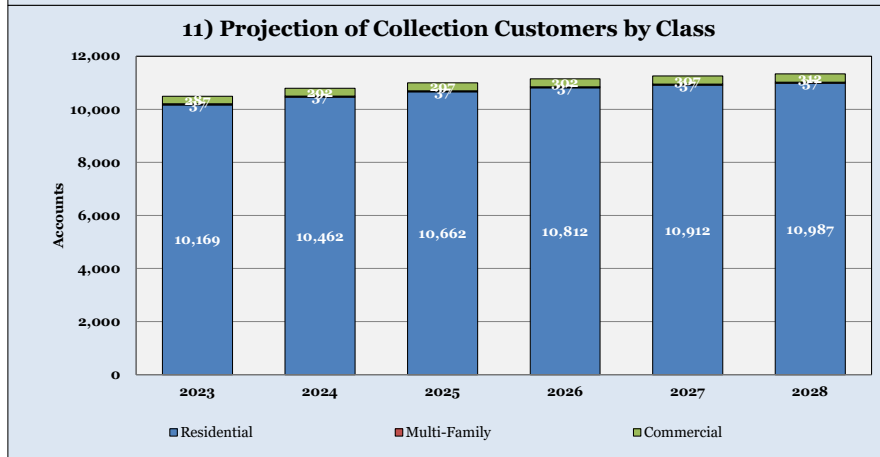
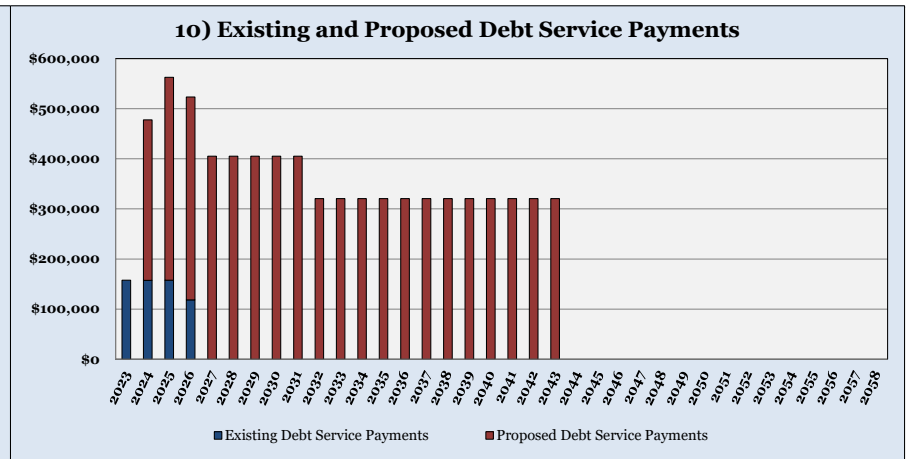
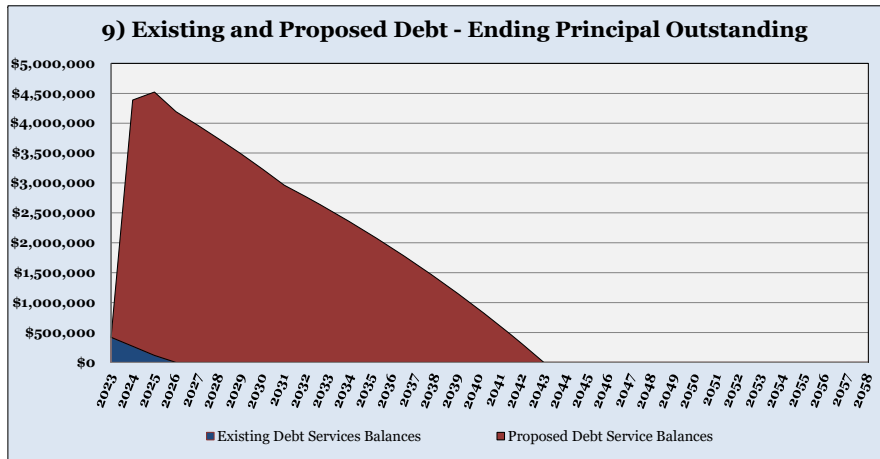


**Appendix 2**  
**City of Edgewater, Florida**  
**Solid Waste Utility Rate Study**



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

Description	Fiscal Year Ending September 30,						Description	Fiscal Year Ending September 30,						
	2023	2024	2025	2026	2027	2028		2023 Base	2023	2024	2025	2026	2027	2028
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency)</b>							
Solid Waste Collection Revenue Adjustment	0.00%	8.25%	8.25%	8.25%	8.25%	5.00%	Percent of Rate Revenues	(\$1,143,882)	(\$475,889)	(\$377,389)	(\$185,562)	\$91,640	\$110,429	
Effective Month of Increase	Jul.	Oct.	Oct.	Oct.	Oct.	Oct.		-28.70%	-10.71%	-7.68%	-3.43%	1.55%	1.75%	
Recycling Revenue Adjustment	0.00%	10.00%	10.00%	10.00%	10.00%	10.00%	<b>Average Residential Bill:</b>							
Effective Month of Increase	Oct.	Oct.	Oct.	Oct.	Oct.	Oct.	Solid Waste Collection	\$25.41	\$25.41	\$27.51	\$29.78	\$32.24	\$34.90	\$36.65
Combined Adjustment	N/A	8.54%	8.54%	8.55%	8.55%	5.87%	Recycling	5.21	5.21	5.73	6.30	6.93	7.62	8.38
Cumulative Adjustment	N/A	8.54%	17.81%	27.88%	38.81%	46.96%	Total Solid Waste Bill	\$30.62	\$30.62	\$33.24	\$36.08	\$39.17	\$42.52	\$45.03
							Annual Change - Total	N/A	\$0.00	\$2.62	\$2.84	\$3.09	\$3.35	\$2.51



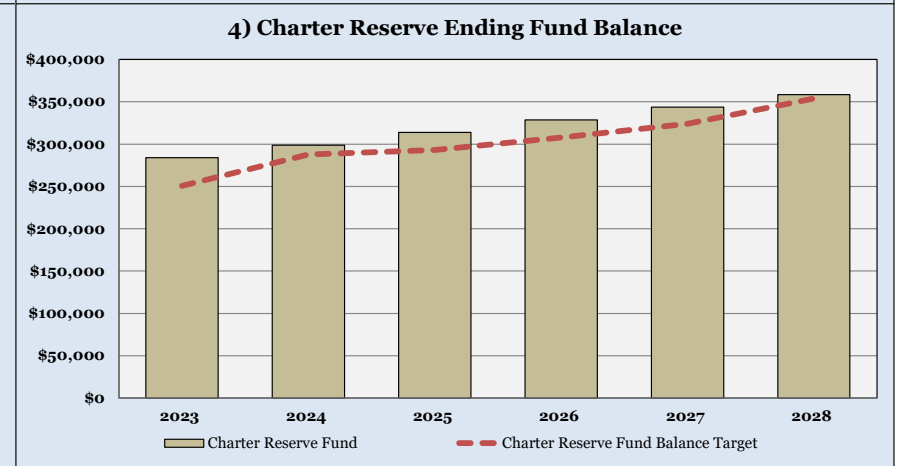
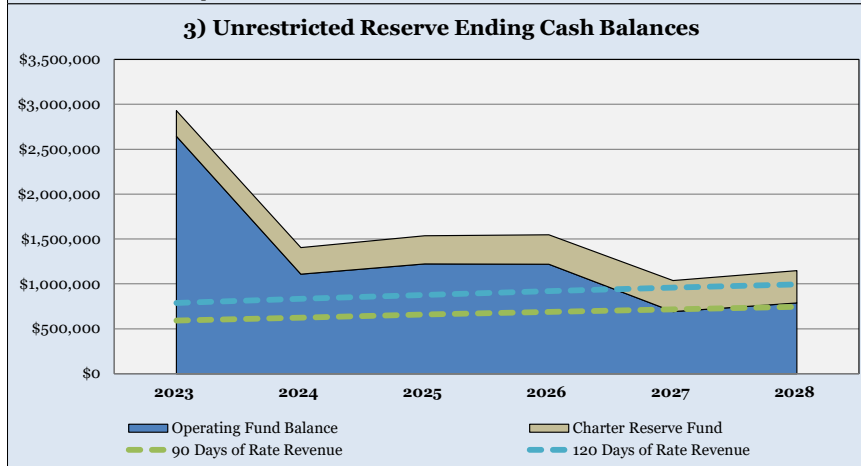
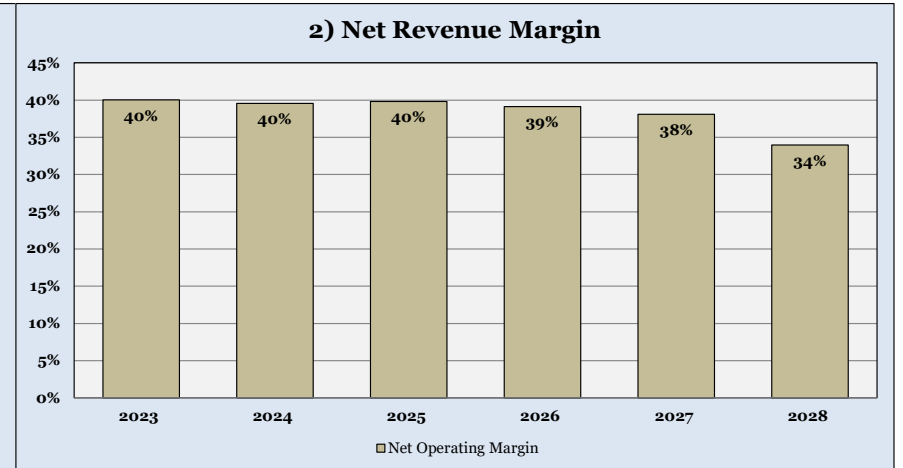
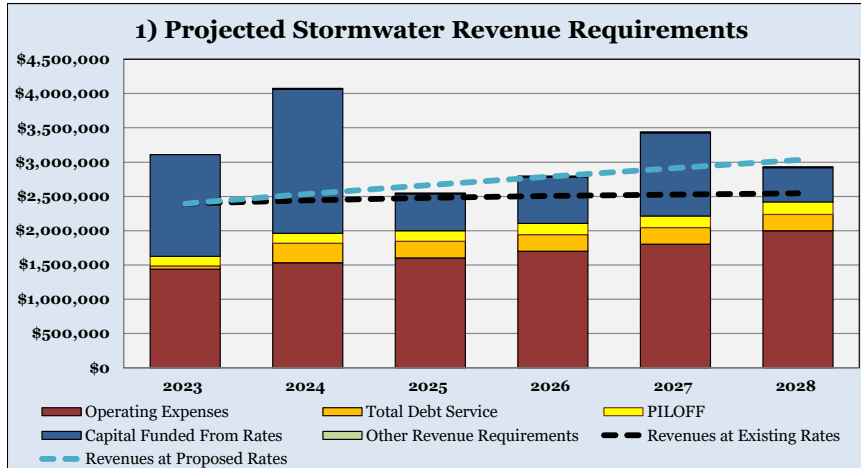


### Appendix 3 City of Edgewater, Florida Stormwater Utility Rate Study



#### Stormwater System Financial Dashboards and Performance Metrics

Description	2023	2024	2025	2026	2027	2028	Description	2023 Base	2023	2024	2025	2026	2027	2028
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency)</b>							
Stormwater Base Fee	0.00%	3.85%	3.70%	3.57%	3.45%	3.33%	System Surplus / (Deficiency)		(\$713,460)	(\$1,538,456)	\$116,555	(\$3,858)	(\$526,977)	\$95,213
Effective Month of Increase	October	October	October	October	October	October	Percent of Rate Revenues		-30.03%	-61.06%	4.40%	-0.14%	-18.19%	3.16%
Stormwater Assessment Fee	0.00%	3.85%	3.70%	3.57%	3.45%	3.33%	<b>Average Residential Bill:</b>							
Effective Month of Increase	October	October	October	October	October	October	Stormwater Base Fee	\$7.06	\$7.06	\$7.33	\$7.60	\$7.87	\$8.14	\$8.41
Combined Adjustment	N/A	3.85%	3.70%	3.57%	3.45%	3.33%	Stormwater Assessment Fee	5.94	5.94	6.17	6.40	6.63	6.86	7.09
Cumulative Adjustment	N/A	3.85%	7.69%	11.54%	15.38%	19.23%	Total Stormwater Bill	\$13.00	\$13.00	\$13.50	\$14.00	\$14.50	\$15.00	\$15.50
							Annual Increase - Total	N/A	\$0.00	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50



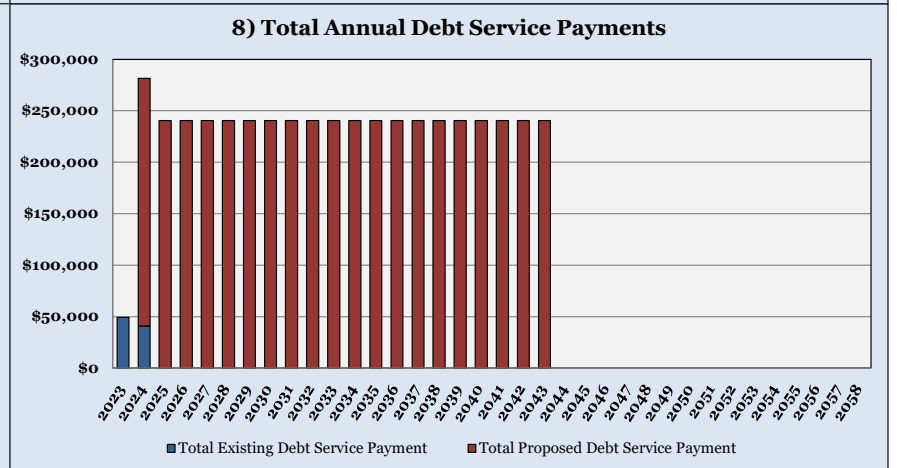
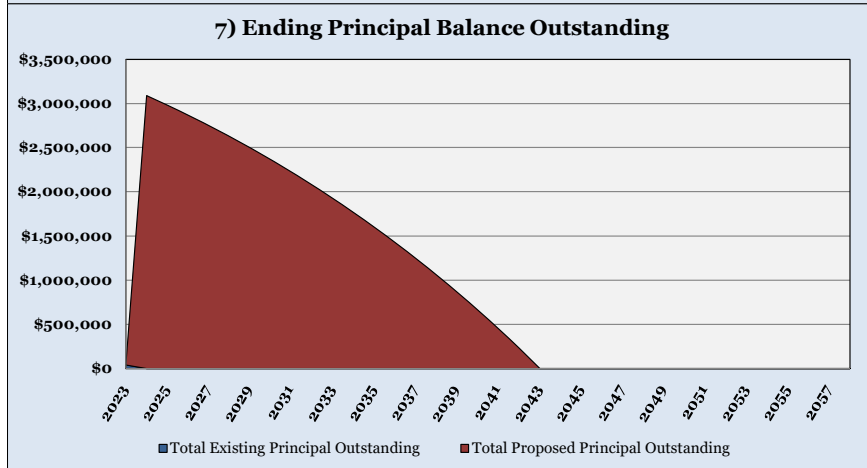
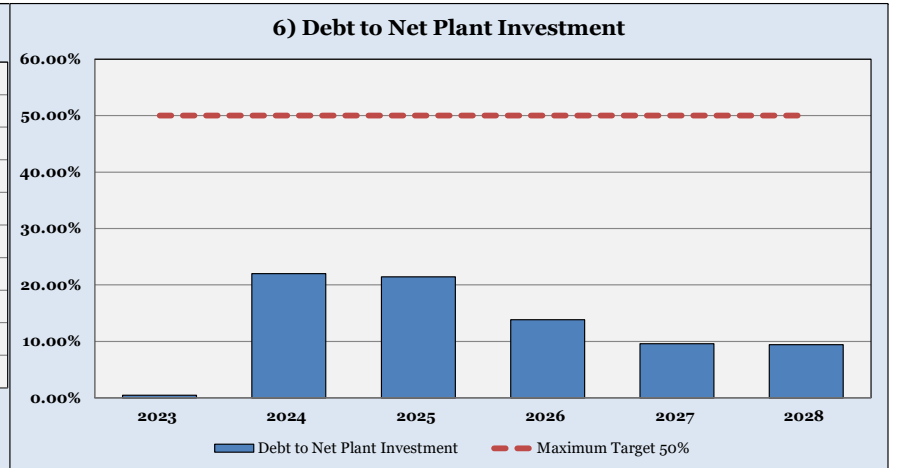
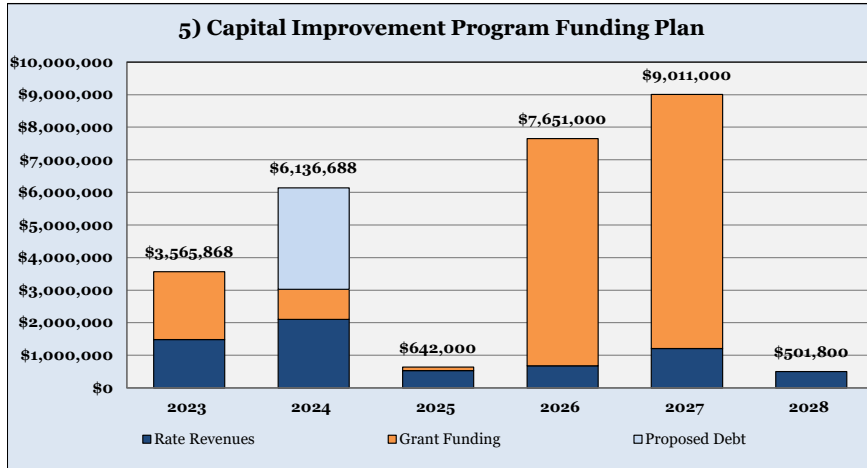


### Appendix 3 City of Edgewater, Florida Stormwater Utility Rate Study



#### Stormwater System Financial Dashboards and Performance Metrics

Description	2023	2024	2025	2026	2027	2028	Description	2023 Base	2023	2024	2025	2026	2027	2028
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency)</b>							
Stormwater Base Fee	0.00%	3.85%	3.70%	3.57%	3.45%	3.33%	System Surplus / (Deficiency)		(\$713,460)	(\$1,538,456)	\$116,555	(\$3,858)	(\$526,977)	\$95,213
Effective Month of Increase	October	October	October	October	October	October	Percent of Rate Revenues		-30.03%	-61.06%	4.40%	-0.14%	-18.19%	3.16%
Stormwater Assessment Fee	0.00%	3.85%	3.70%	3.57%	3.45%	3.33%	<b>Average Residential Bill:</b>							
Effective Month of Increase	October	October	October	October	October	October	Stormwater Base Fee	\$7.06	\$7.06	\$7.33	\$7.60	\$7.87	\$8.14	\$8.41
Combined Adjustment	N/A	3.85%	3.70%	3.57%	3.45%	3.33%	Stormwater Assessment Fee	5.94	5.94	6.17	6.40	6.63	6.86	7.09
Cumulative Adjustment	N/A	3.85%	7.69%	11.54%	15.38%	19.23%	Total Stormwater Bill	\$13.00	\$13.00	\$13.50	\$14.00	\$14.50	\$15.00	\$15.50
							Annual Increase - Total	N/A	\$0.00	\$0.50	\$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	2023	2024	2025	2026	2027	2028	Description	2023 Base	2023	2024	2025	2026	2027	2028
<b>Recognized Revenue Adjustments:</b>							<b>System Surplus / (Deficiency)</b>							
Stormwater Base Fee	0.00%	3.85%	3.70%	3.57%	3.45%	3.33%	System Surplus / (Deficiency)		(\$713,460)	(\$1,538,456)	\$116,555	(\$3,858)	(\$526,977)	\$95,213
Effective Month of Increase	October	October	October	October	October	October	Percent of Rate Revenues		-30.03%	-61.06%	4.40%	-0.14%	-18.19%	3.16%
Stormwater Assessment Fee	0.00%	3.85%	3.70%	3.57%	3.45%	3.33%	<b>Average Residential Bill:</b>							
Effective Month of Increase	October	October	October	October	October	October	Stormwater Base Fee	\$7.06	\$7.06	\$7.33	\$7.60	\$7.87	\$8.14	\$8.41
Combined Adjustment	N/A	3.85%	3.70%	3.57%	3.45%	3.33%	Stormwater Assessment Fee	5.94	5.94	6.17	6.40	6.63	6.86	7.09
Cumulative Adjustment	N/A	3.85%	7.69%	11.54%	15.38%	19.23%	Total Stormwater Bill	\$13.00	\$13.00	\$13.50	\$14.00	\$14.50	\$15.00	\$15.50
							Annual Increase - Total	N/A	\$0.00	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50

