



**City of Deltona, Florida**

# **STORMWATER RATE STUDY**

**May 6, 2024**

May 6, 2024

Honorable Mayor and  
Members of the City Commission  
City of Deltona  
2345 Providence Blvd.  
Deltona, FL 32725

**Subject: Stormwater Rate Study**

GovRates, Inc. ("GovRates") has completed our stormwater rate study for the City of Deltona (the "City") and has prepared this report which summarizes our analyses, findings, and recommendations. This utility rate study involved preparing a financial forecast through the Fiscal Year 2029.

Developing a financial and rate plan for the stormwater system (the "System") involved multiple considerations:

- The financial and rate plan should consider utility best management practices and should promote financial sustainability and creditworthiness.
- The proposed annual stormwater rates should be considered equitable, affordable, and competitive and should not exceed the utility's costs.
- The proposed rate plan should not cause "rate shock" to customers. From a best financial management practices standpoint, smaller incremental increases over time can help avoid future rate shock and large "catch-up" increases.
- The proposed rate plan should enable the utility to perform the necessary capital improvements and operational enhancements to remain compliant with the regulatory requirements of the Florida Department of Environmental Protection, the Florida Department of Health, and the Environmental Protection Agency. The assessments should also provide sufficient margins for capital reinvestment in the aging System.

GovRates believes that the financial and rate plan presented in this report reflects a reasonable balance of the aforementioned considerations. Following this letter is an executive summary that provides an overview of our analyses and conclusions. The other sections of the report provide additional details regarding the financial forecast and projected rates.


## GovRates

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We greatly appreciate the opportunity to be of service to the City and would like to thank the management and staff for their tremendous assistance and cooperation during the course of the stormwater rate study.

Yours in government service,

**GovRates, Inc.**



Bryan A. Mantz, CMC, CGFM  
President



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# **EXECUTIVE SUMMARY AND RECOMMENDATIONS**

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# EXECUTIVE SUMMARY AND RECOMMENDATIONS

## ES-1: Stormwater Utility Overview

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The City of Deltona (the "City") owns a stormwater system (the "System" or the "Utility") that has several areas of responsibility funded through the City's stormwater rates:

- Construction of new or replacement stormwater-handling infrastructure.
- Cleaning of the underground stormwater drainage system.
- Maintenance of roadside surface drainage network.
- Removal of obstructive vegetation from ditches / swales.
- Mowing and litter control on Deltona's collector roads and 31 residential sectors.
- Master planning to solve local flooding and water quality problems, and to provide prevention solutions.
- Emergency stormwater management services before, during, and after master storm events.

The City must ensure compliance with Federal, State, and local stormwater rules and regulations. These regulatory requirements include Federally mandated National Pollution Discharge Elimination Systems ("NPDES") permit requirements.

Stormwater infrastructure is often "out of sight, out of mind" until there is an incident. Deltona is predominately a swale / ditch form of stormwater conveyance, unlike new developments which provide curbing, catch basins, retention ponds, and other contemporary design standards. Hurricanes Ian and Nicole caused about 250 homes to be flooded, roadway closures, and an overwhelming unprecedented impact on Deltona's stormwater infrastructure. The City has infrastructure that in some areas is over 50 years old – the assets have reached or exceeded their useful service lives.

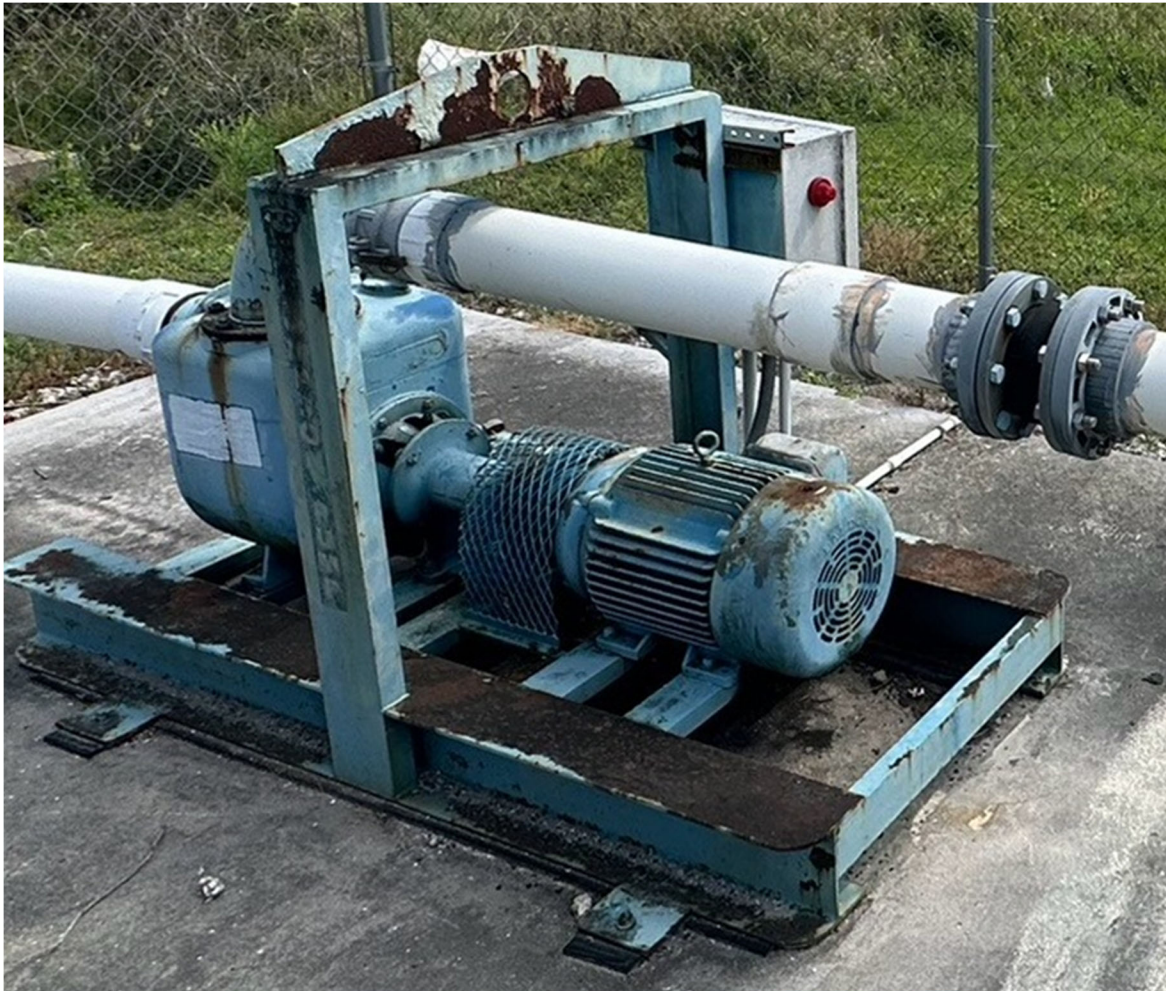


**Pictures Showing Flooding Impacts of Hurricanes Ian and Nicole:**





**Pictures Showing Sample Stormwater Pump Station Replacement Needs:**





**Pictures Showing Sample Stormwater Pump Station Replacement Needs: (cont.)****ES-2: Summary of Recommendations****Stormwater Rates**

The City's stormwater rates / assessments are annual, non-ad valorem charges on the customer tax bills. Some stormwater utilities bill monthly for stormwater service, while others have an annual assessment. There are advantages and disadvantages to each approach.

Consistent with the practices of many other Florida stormwater utilities, the annual stormwater rate is on an equivalent residential unit ("ERU") basis. An ERU is defined in Section 54-126 of the City's Code of Ordinances as "the statistical average horizontal impervious area of residential units. The horizontal impervious area includes, but is not limited to all areas covered by structures, roof extensions, patios, porches, driveways and sidewalks. The common denominator used for relating runoff is the ERU." The City has established an ERU as 3,484 square feet of impervious area.

The existing stormwater charge or assessment of \$128 per year per ERU has remained unchanged since Fiscal Year 2019 (five years ago). The assessment has not been "right-sized" since various factors and

market volatility have caused substantial inflation in stormwater utility costs. Sample cost increases since the stormwater rates were last adjusted are:

- Northwest Drainage Improvements Project
  - Engineering estimated construction cost in 2019 = \$775,000
  - Lowest bid for construction in 2022 = \$1,829,020  
**144% Higher**
  
- Fort Smith Pump Station Improvements
  - Engineering estimated construction cost in 2020 = \$275,000
  - Lowest bid for construction in 2024 = \$641,000  
**133% Higher**

The stormwater rates are insufficient to keep the stormwater system operationally and financially sustainable. Stormwater operations for the City are currently accounted for in a special revenue fund. Current funding levels require transfers from the General Fund to pay for stormwater operating and capital needs.

The costs associated with operating and maintaining a utility system, as well as the costs of financing the renewals and replacements of existing facilities and the capital improvements for upgrades and expansions, are generally considered to be the revenue requirements of public utilities such as the City's stormwater system. With respect to identifying revenue requirements for the Utility, the following Exhibit ES-1 shows the elements considered:

**Exhibit ES-1: Revenue Requirement Components**



Based on the assumptions relied upon in the development of the System revenue requirements through the Fiscal Year 2029 (the “Forecast Period”), GovRates has identified the need for assessment adjustments for the stormwater system. The primary reasons for the identified assessment adjustments are:

1. **The need to fund the Utility’s multi-year capital improvement program (the "CIP").** The City has begun the Theresa Basin Study, which will enhance the stormwater master plan and identify priority areas for stormwater improvements. The stormwater utility needs funding for these improvements as well as for other projects identified in previous master plans. Utility infrastructure is often "out of

sight, out of mind." The Utility has identified about \$25.5 million of stormwater system capital needs during the Forecast Period.

The City staff has pursued and continues to pursue grants and "cost-free" options to reduce amounts that must be funded through the stormwater rates, including:

- State appropriations.
- FEMA mitigation program.
- FDEP programs.
- Hazard mitigation grant program.
- Community development blocks grants.
- Transform386

To help expedite the grant validation and submittal process, the City has prequalified two firms with extensive expertise in grant procurement.

The current stormwater CIP through the Fiscal Year 2029 is summarized in the following Exhibit ES-2:

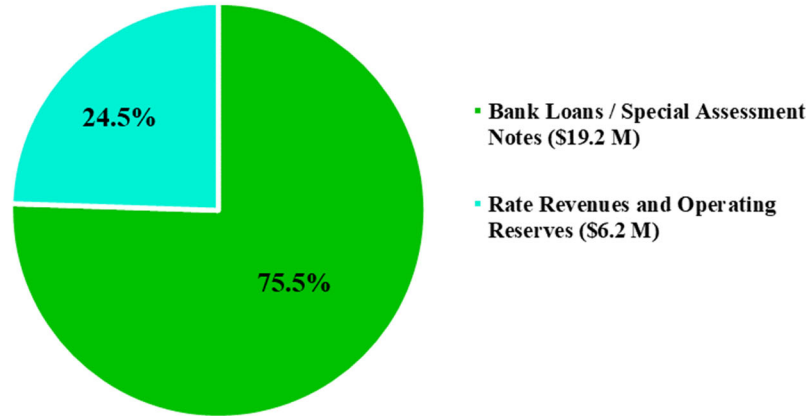
**Exhibit ES-2: Summary of Estimated Stormwater  
Capital Improvements Through Fiscal Year 2029**

Project	Amount
Theresa Basin Drainage Improvements	\$ 12,564,889
East Brook Drainage Improvements (Pump Station)	1,545,000
Lake Windsor Emergency Forcemain Relocate	1,545,000
Providence/Normandy	1,125,509
Water Quality Pond GC-7	1,038,091
Water Quality Pond GC-4	954,810
In-House Capital Projects (Unidentified)	706,993
J40 Service Area	571,500
New Menzi	546,364
Street Sweeper	521,673
Aqua Tech	450,204
Loader #0725 Replacement	405,746
Other	3,480,620
Total	\$ 25,456,398

As shown in the following Exhibit ES-3, about 76% of the CIP is projected to be financed through bank loans / special assessment notes.

**Exhibit ES-3: Projected Capital Improvement Program Funding**

**Capital Improvement Program Funding (\$25.5 M)**



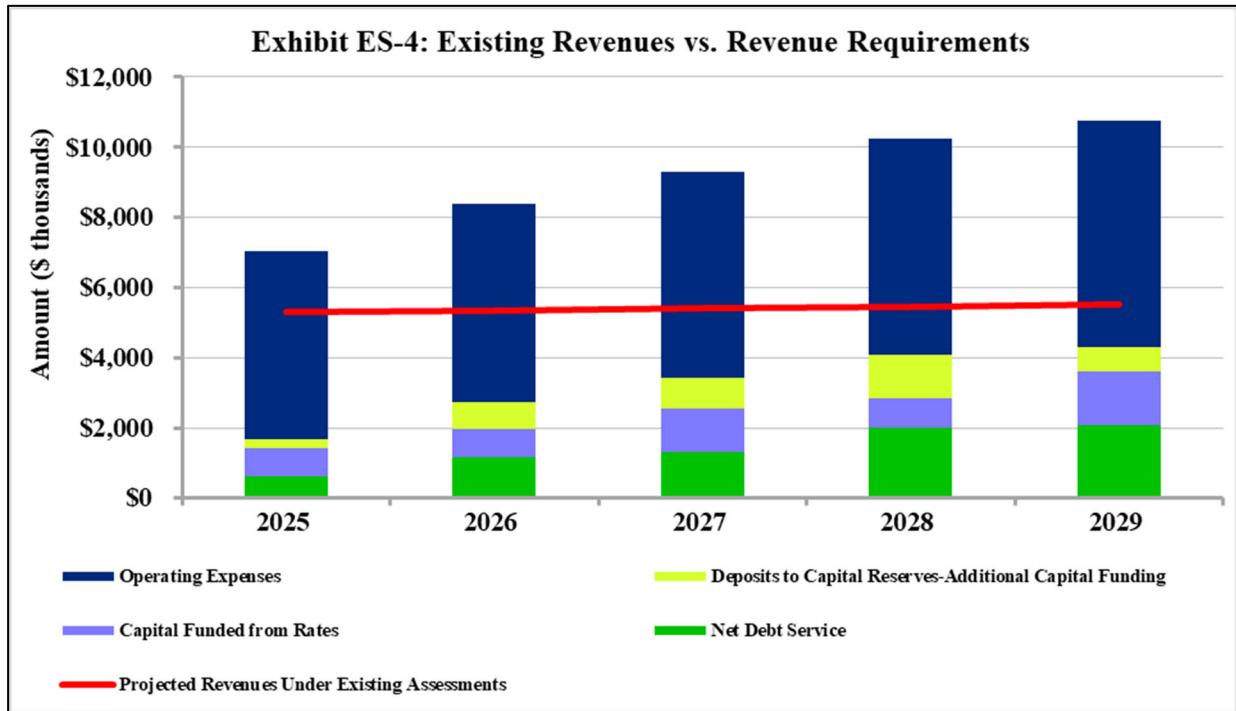
Three bank loans have been assumed based on recommendations from PFM, the City’s Financial Advisor – one secured in Fiscal Year 2025, one in Fiscal Year 2027, and one in Fiscal Year 2029.

**2. The need to fund the costs of future operations and to perform more repairs and maintenance on the System.** Since 2019 when stormwater rates were last adjusted, operating expenses have increased 70% from \$3.0 million to \$5.1 million today. Florida inflation is now exceeding national trends. Various factors caused the Utility’s supply costs to increase substantially. Moreover, there are nationwide issues with filling positions and keeping employees. There is a need to perform more repairs and maintenance on the System.

It is important to recognize that increased costs are usually permanent increases in the costs of operations and, as such, must ultimately be passed through to customers through rates.

**3. The need to eliminate subsidization from the General Fund.** There was a \$2.5 million transfer from the General Fund to the stormwater fund in Fiscal Year 2024. The stormwater fund is depleted and deferred maintenance is growing. Stormwater cost increases are currently paid from the General Fund, reducing the flexibility for the City to address other priorities.

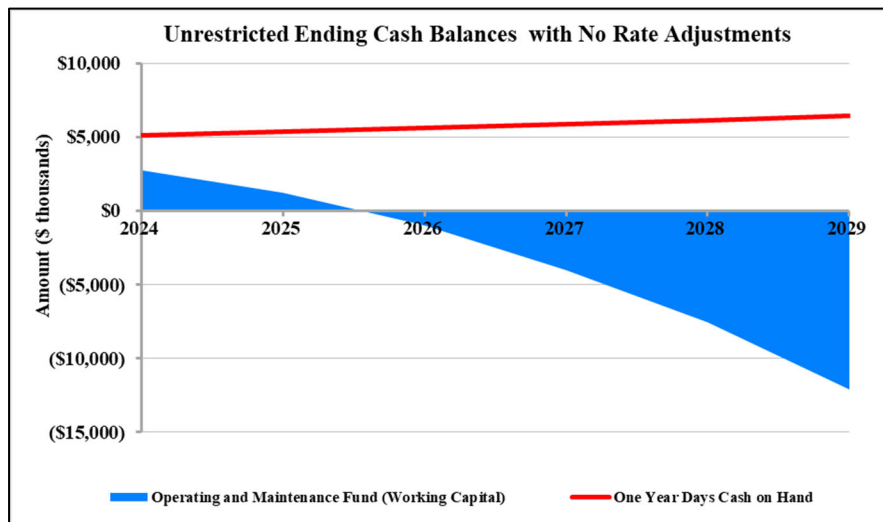
Revenues under the City’s existing stormwater assessments are not anticipated to fully recover the City’s projected utility revenue requirements during the Forecast Period. The following Exhibit ES-4 shows how the revenue requirements for the Utility (the bars) compare against projected System revenues (the red line) through the Fiscal Year 2029. In the years in which the total revenue requirements exceed the revenues, available cash reserves must be utilized to make up the difference.



If the stormwater rates are not adjusted, the rates will be higher in the future than what is proposed. The capital needs for the System will not go away but will be more expensive to address in the future. Inflation and the costs of construction continue to affect System costs and, as previously mentioned, permanent cost increases must ultimately be passed through to customers. Due to the time value of money, the City may lose the ability to gradually phase-in the rates over time to the levels needed to fund all revenue requirements. Without rate adjustments, the City may be unable to secure additional financing for major / critical capital needs without pledging General Fund revenues.

The following Exhibit ES-5 further communicates that, without assessment adjustments, the System may not remain financially and operationally sustainable.

**Exhibit ES-5: Financial Risks of Not Adjusting Stormwater Rates**





The following Exhibit ES-6 shows the proposed stormwater rate adjustments per ERU for the System through the Fiscal Year 2029:

**Exhibit ES-6:  
Summary of Proposed Annual Assessments  
Per Equivalent Residential Unit (ERU)**

Fiscal Year	Effective Date	Annual Stormwater Assessment Per ERU	Effective Monthly Rate	Effective Monthly Change	% of Median Household Income (< 1% Considered Affordable By Bond Rating Agencies) [*]
	Existing	\$128.00	\$10.67		0.2%
2025	10/1/2024	170.00	14.17	\$3.50	0.2%
2026	10/1/2025	200.00	16.67	2.50	0.3%
2027	10/1/2026	220.00	18.33	1.67	0.3%
2028	10/1/2027	240.00	20.00	1.67	0.3%
2029	10/1/2028	250.00	20.83	0.83	0.3%

[\*] Assumes annual 3% cost of living salary increases.

From a best financial management practice perspective, smaller / incremental increases over time help to avoid future "rate shock" and higher "catch up" rate increases. The assessments are adopted annually, and only the Fiscal Year 2025 adjustment of \$170 per ERU needs to be adopted at this time.

Bond rating agencies (Moody’s, Standard and Poor’s, and Fitch Rates) have historically used a 1.0% of median household income (MHI) metric to measure affordability of stormwater rates or assessments. As shown in the preceding Exhibit ES-6, the annual assessment for a single-family residential customer is projected to be well below 1.0% of MHI. As such, the City’s stormwater assessments under the rate and financial plan would remain very affordable by national utility industry standards.

Stormwater rate / bill comparisons are shown in Section 2 of this report.

**ES-3: Projected Financial Position**

Tables ES-1 and ES-2 following this executive summary provide a financial overview of forecasted System operations through the Fiscal Year 2029. Assuming the implementation of the stormwater rate adjustment recommendations, the System’s projected financial position – while not optimal – should be adequate. The stormwater rates are projected to remain affordable and competitive during the Forecast Period.

**Table ES-1  
City of Deltona, Florida**

**High-Level Stormwater Financial and Rate Scenario Worksheet**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
1	<b>Annual Stormwater Assessment Per Equivalent Residential Unit (ERU)</b>	<b>\$128.00</b>	<b>\$170.00</b>	<b>\$200.00</b>	<b>\$220.00</b>	<b>\$240.00</b>	<b>\$250.00</b>
2	<b>Assumption for Early Payment Discount</b>	<b>4.0%</b>	<b>4.0%</b>	<b>4.0%</b>	<b>4.0%</b>	<b>4.0%</b>	<b>4.0%</b>
3	Recognized Effective Monthly Rate Per Equivalent Residential Unit	\$10.24	\$13.60	\$16.00	\$17.60	\$19.20	\$20.00
4	Increase in Annual Assessment - Amount		\$42.00	\$30.00	\$20.00	\$20.00	\$10.00
5	Increase in Annual Assessment - Percent		32.81%	17.65%	10.00%	9.09%	4.17%
6	<b>Assessment Debt Service Coverage (Target 200%)</b>	<b>993%</b>	<b>1083%</b>	<b>704%</b>	<b>695%</b>	<b>512%</b>	<b>515%</b>
7	<b>Debt Service Coverage Target Met?</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
8	<b>Assessment and Transfers from General Fund Debt Service Coverage (Target 200%)</b>	<b>1546%</b>	<b>1083%</b>	<b>704%</b>	<b>695%</b>	<b>512%</b>	<b>515%</b>
9	<b>Debt Service Coverage Target Met?</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
10	<b>Assessment Debt Service Coverage on 2025 Stormwater Assessment Note with Fiscal Year 2025 Rate (Target 200%)</b>	<b>N/A</b>	<b>5821%</b>	<b>1081%</b>	<b>1092%</b>	<b>1101%</b>	<b>1111%</b>
11	<b>Debt Service Coverage Target Met?</b>	<b>N/A</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
12	<b>Assessment Debt Service Coverage on 2024 Stormwater Assessment</b>	<b>N/A</b>	<b>5821%</b>	<b>1081%</b>	<b>1092%</b>	<b>1101%</b>	<b>1111%</b>
13	<b>Debt Service Coverage Target Met?</b>	<b>N/A</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
14	All-In Net Revenues Debt Service Coverage (Target 125%)	28%	258%	232%	255%	204%	207%
15	Debt Service Coverage Target Met?	<b>No</b>	Yes	Yes	Yes	Yes	Yes
16	Senior Lien Debt Service Coverage (100% Required)	28%	258%	232%	255%	204%	207%
17	Required Coverage Met?	<b>No</b>	Yes	Yes	Yes	Yes	Yes
18	SRF Loan Debt Service Coverage (100% Required)	N/A	N/A	N/A	N/A	N/A	N/A
19	Required Coverage Met?	Yes	Yes	Yes	Yes	Yes	Yes
20	<b>Amount Available for Pay-As-You-Go Capital Funding After Payment of Operating Expenses and Debt Service</b>	<b>\$ (380,544)</b>	<b>\$ 1,031,809</b>	<b>\$ 1,568,420</b>	<b>\$ 2,081,138</b>	<b>\$ 2,081,907</b>	<b>\$ 2,227,986</b>
21	<b>Ending Unrestricted Cash and Cash Equivalents Balance [1]</b>	<b>\$ 2,740,931</b>	<b>\$ 2,985,819</b>	<b>\$ 3,780,843</b>	<b>\$ 4,655,611</b>	<b>\$ 5,881,006</b>	<b>\$ 6,571,795</b>
22	Target Cash Balance (Recognized Cash Target)	\$ 5,113,700	\$ 5,371,466	\$ 5,619,221	\$ 5,880,268	\$ 6,155,477	\$ 6,445,788
23	<b>Cash Balance Target Met?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>Yes</b>

**Table ES-1  
City of Deltona, Florida**

**High-Level Stormwater Financial and Rate Scenario Worksheet**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
<b>Affordability:</b>							
<b>Measurement Basis 1:</b>							
24	Residential Bill as % of Median Household Income	0.19%	0.24%	0.27%	0.29%	0.31%	0.31%
25	Is Rate and Financial Plan Affordable? (< 1% MHI)	Yes	Yes	Yes	Yes	Yes	Yes
<b>Measurement Basis 2:</b>							
26	Water and Sewer Bill @ Usage of 5,000 Gallons	\$ 148.54	\$ 155.97	\$ 160.65	\$ 165.47	\$ 170.43	\$ 175.54
27	Water, Sewer, and Stormwater Bill	\$ 158.78	\$ 169.57	\$ 176.65	\$ 183.07	\$ 189.63	\$ 195.54
28	Total Bill as % of Median Household Income	2.76%	2.86%	2.89%	2.91%	2.93%	2.93%
29	Is Rate and Financial Plan Affordable? (< 4.5% MHI)	Yes	Yes	Yes	Yes	Yes	Yes
30	Effective Monthly Stormwater Bill Per Equivalent Residential Unit (ERU)	\$ 10.67	\$ 14.17	\$ 16.67	\$ 18.33	\$ 20.00	\$ 20.83
31	Change in Effective Monthly Bill		3.50	2.50	1.67	1.67	0.83
32	Average of Surveyed Utilities (Assumes 4% Annual Increase)	16.79	17.47	18.16	18.89	19.65	20.43
33	Starting Cash and Cash Equivalents Balance	\$ 1,261,675	\$ 2,740,931	\$ 2,985,819	\$ 3,780,843	\$ 4,655,611	\$ 5,881,006
34	Year-End Surplus / (Deficiency)	1,479,256	244,889	795,024	874,768	1,225,395	690,788
Operating Expenses: (Does Not Include Depreciation and Amortization Expenses)							
35	<b>Total Operating Expenses</b>	<b>\$ 5,113,700</b>	<b>\$ 5,371,466</b>	<b>\$ 5,619,221</b>	<b>\$ 5,880,268</b>	<b>\$ 6,155,477</b>	<b>\$ 6,445,788</b>
36	Increase / (Decrease) - Percent	N/A	5.0%	4.6%	4.6%	4.7%	4.7%
37	<b>Total Debt Service [2]</b>	<b>\$ 529,891</b>	<b>\$ 651,602</b>	<b>\$ 1,189,537</b>	<b>\$ 1,338,546</b>	<b>\$ 2,000,807</b>	<b>\$ 2,087,663</b>
Other Revenue Requirements							
38	<b>Pay-As-You-Go Capital Improvement Program [3]</b>	<b>\$ 1,072,500</b>	<b>\$ 786,920</b>	<b>\$ 773,396</b>	<b>\$ 1,206,371</b>	<b>\$ 856,512</b>	<b>\$ 1,537,197</b>
39	Transfer to General Fund	-	-	-	-	-	-
40	Total Other Revenue Requirements	\$ 1,072,500	\$ 786,920	\$ 773,396	\$ 1,206,371	\$ 856,512	\$ 1,537,197
41	Gross Revenue Requirements	\$ 6,716,091	\$ 6,809,988	\$ 7,582,155	\$ 8,425,185	\$ 9,012,796	\$ 10,070,649
Less Income and Funds from Other Sources							
42	Other Operating Revenue	\$ 626	\$ -	\$ -	\$ -	\$ -	\$ -
43	<b>Transfer from General Fund</b>	<b>2,932,300</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
44	<b>Unrestricted Interest Income</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
45	Net Revenue Requirements	\$ 3,783,165	\$ 6,809,988	\$ 7,582,155	\$ 8,425,185	\$ 9,012,796	\$ 10,070,649

**Table ES-1  
City of Deltona, Florida**

**High-Level Stormwater Financial and Rate Scenario Worksheet**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
	Revenue from Existing Rates						
46	Stormwater System Revenue [4]	\$ 5,262,420	\$ 5,311,907	\$ 5,361,394	\$ 5,410,882	\$ 5,460,369	\$ 5,509,856
47	Prior Year Rate Adjustment	-	-	1,759,208	3,043,621	3,924,640	4,821,124
48	Total Applicable Rate Revenue	\$ 5,262,420	\$ 5,311,907	\$ 7,120,602	\$ 8,454,502	\$ 9,385,009	\$ 10,330,980
49	Rate Adjustments	0.00%	32.81%	17.65%	10.00%	9.09%	4.17%
50	Effective Months	12	12	12	12	12	12
51	Percent of Current Year Effective	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
52	Revenue from Current Rate Adjustment w/ Effective Months	\$ -	\$ 1,742,970	\$ 1,256,577	\$ 845,450	\$ 853,183	\$ 430,457
53	Total Revenue w/ Effective Months	\$ 5,262,420	\$ 7,054,877	\$ 8,377,179	\$ 9,299,953	\$ 10,238,191	\$ 10,761,437
54	Revenue Surplus/(Deficiency) Under Proposed Rates	\$ 1,479,256	\$ 244,889	\$ 795,024	\$ 874,768	\$ 1,225,395	\$ 690,788
55	Revenue Surplus/(Deficiency) as % of Revenue	28.1%	3.5%	9.5%	9.4%	12.0%	6.4%

Footnotes:

[1] Does not include cash balances in construction funds from debt financing.

[2] Breakdown of Debt Service:

Senior Lien Debt:

2009 Bank Loan - Branch Banking and Trust Company	\$ 529,891	\$ 530,398	\$ 530,933	\$ 531,495	\$ 532,085	\$ 532,706
Stormwater Special Assessment Note, Series 2025	-	121,204	658,604	658,071	658,767	658,484
Stormwater Special Assessment Note, Series 2027	-	-	-	148,980	809,955	809,971
Stormwater Special Assessment Note, Series 2029	-	-	-	-	-	86,501
Total Senior Lien Debt	\$ 529,891	\$ 651,602	\$ 1,189,537	\$ 1,338,546	\$ 2,000,807	\$ 2,087,663

SRF Loans

Existing Junior Lien Loan 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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**Table ES-1  
City of Deltona, Florida**

**High-Level Stormwater Financial and Rate Scenario Worksheet**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
[3]	Represents capital needs not funded through debt, grants, developer contributions, or other external funding sources.						
	<b>Assumed Capital Improvement Program and Funding Sources</b>						
	Total Multi-Year Capital Improvement Program	\$ 25,456,398					
	Pay-As-You-Go Capital Funding	\$ 1,072,500	\$ 786,920	\$ 773,396	\$ 1,206,371	\$ 856,512	\$ 1,537,197
	Proceeds from Stormwater Special Assessment Note, Series 2025	-	3,090,000	3,447,925	-	-	-
	Proceeds from Stormwater Special Assessment Note, Series 2027	-	-	-	3,715,272	4,333,209	-
	Proceeds from Stormwater Special Assessment Note, Series 2029	-	-	-	-	-	4,637,096
	Total Amount	\$ 1,072,500	\$ 3,876,920	\$ 4,221,321	\$ 4,921,642	\$ 5,189,721	\$ 6,174,294
[4]	Initial Effective Monthly Stormwater Rate Per Equivalent Residential Unit	\$10.24	\$10.24	\$10.24	\$10.24	\$10.24	\$10.24
	<b>Effective Billable Equivalent Residential Units</b>	<b>42,826</b>	<b>43,228</b>	<b>43,631</b>	<b>44,034</b>	<b>44,437</b>	<b>44,839</b>
	Annual Revenue Under Initial Effective Monthly Stormwater Rate	\$5,262,420	\$5,311,907	\$5,361,394	\$5,410,882	\$5,460,369	\$5,509,856
	<b>Cash Target</b>						
	365 Days Cash on Hand	\$ 5,113,700	\$ 5,371,466	\$ 5,619,221	\$ 5,880,268	\$ 6,155,477	\$ 6,445,788
	<b>Recognized Cash Target</b>	<b>\$ 5,113,700</b>	<b>\$ 5,371,466</b>	<b>\$ 5,619,221</b>	<b>\$ 5,880,268</b>	<b>\$ 6,155,477</b>	<b>\$ 6,445,788</b>
	<b>Debt Service Coverage Target</b>						
	Assessment Debt Service Coverage	<u>200%</u>					
	All-In Net Revenues Debt Service Coverage Target	<u>125%</u>					



**Table ES-2  
City of Deltona, Florida  
Stormwater Rate Study**

**Stormwater System Multi-Year Financial Projections**

<b>High-Level Summary</b>	<b>Fiscal Year Ending September 30,</b>					
	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
<b>Operating Revenue</b>						
<b>Assessment Revenue</b>						
Stormwater Assessment Revenue Before Current Year Adjustment		\$ 5,311,907	\$ 7,120,594	\$ 8,454,482	\$ 9,384,969	\$ 10,330,956
<b>Additional User Rate Increase - Stormwater</b>		<b>32.8%</b>	<b>17.6%</b>	<b>10.0%</b>	<b>9.1%</b>	<b>4.2%</b>
<b>Total User Rate Revenue - Retail</b>	\$ 5,262,420	\$ 7,054,907	\$ 8,377,194	\$ 9,299,882	\$ 10,238,169	\$ 10,761,456
<b>Other Operating Revenue</b>	\$ 626	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL OPERATING REVENUE</b>	<b>\$ 5,263,046</b>	<b>\$ 7,054,907</b>	<b>\$ 8,377,194</b>	<b>\$ 9,299,882</b>	<b>\$ 10,238,169</b>	<b>\$ 10,761,456</b>
<b>Operating Expenses</b>						
Stormwater System Operating Expenses	\$ 5,113,700	\$ 5,371,466	\$ 5,619,221	\$ 5,880,268	\$ 6,155,477	\$ 6,445,788
Percent Change		5.0%	4.6%	4.6%	4.7%	4.7%
<b>Operating Revenues Less Operating Expenses</b>	<b>\$ 149,346</b>	<b>\$ 1,683,441</b>	<b>\$ 2,757,973</b>	<b>\$ 3,419,613</b>	<b>\$ 4,082,691</b>	<b>\$ 4,315,668</b>
<b>Non-Operating Revenue</b>						
Unrestricted Interest Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Net Revenue Available for Debt Service</b>	<b>\$ 149,346</b>	<b>\$ 1,683,441</b>	<b>\$ 2,757,973</b>	<b>\$ 3,419,613</b>	<b>\$ 4,082,691</b>	<b>\$ 4,315,668</b>
<b>City Debt Service</b>						
Existing Debt Service - Principal and Interest	\$ 529,891	\$ 530,398	\$ 530,933	\$ 531,495	\$ 532,085	\$ 532,706
New Debt Service - Principal and Interest	-	121,204	658,604	807,051	1,468,721	1,554,957
Less Impact Fees Used for City Growth-Related Debt Service	-	-	-	-	-	-
<b>NET DEBT SERVICE</b>	<b>\$ 529,891</b>	<b>\$ 651,602</b>	<b>\$ 1,189,537</b>	<b>\$ 1,338,546</b>	<b>\$ 2,000,807</b>	<b>\$ 2,087,663</b>
<b>Payoff of Outstanding Debt</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Transfer to General Fund</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Inter-Utility Loan Activity</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -





**Table ES-2  
City of Deltona, Florida  
Stormwater Rate Study**

**Stormwater System Multi-Year Financial Projections**

<b>High-Level Summary</b>	<b>Fiscal Year Ending September 30,</b>					
	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
<b>Total Revenue Available for Capital Rehabilitations / Improvements</b>	\$ (380,544)	\$ 1,031,839	\$ 1,568,436	\$ 2,081,067	\$ 2,081,885	\$ 2,228,005
<b>Capital Expenditures</b>						
<b>Capital Program as Scheduled</b>						
Capital Projects - Stormwater	\$ 1,072,500	\$ 3,876,920	\$ 4,221,321	\$ 4,921,642	\$ 5,189,721	\$ 6,174,294
Departmental Capital - Stormwater	-	-	-	-	-	-
<b>Total Capital Program as Scheduled</b>	<b>\$ 1,072,500</b>	<b>\$ 3,876,920</b>	<b>\$ 4,221,321</b>	<b>\$ 4,921,642</b>	<b>\$ 5,189,721</b>	<b>\$ 6,174,294</b>
<b>Adjustments</b>						
Capital Projects - Stormwater	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Departmental Capital - Stormwater	-	-	-	-	-	-
<b>Total Adjustments</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Capital Projects as Adjusted</b>						
Capital Projects - Stormwater	\$ 1,072,500	\$ 3,876,920	\$ 4,221,321	\$ 4,921,642	\$ 5,189,721	\$ 6,174,294
Departmental Capital - Stormwater	-	-	-	-	-	-
<b>ADJUSTED CAPITAL EXPENDITURES</b>	<b>\$ 1,072,500</b>	<b>\$ 3,876,920</b>	<b>\$ 4,221,321</b>	<b>\$ 4,921,642</b>	<b>\$ 5,189,721</b>	<b>\$ 6,174,294</b>
<b>Cash Surplus / (Deficiency)</b>						
Base Surplus / (Deficiency)	\$ (1,453,044)	\$ (2,845,081)	\$ (2,652,885)	\$ (2,840,575)	\$ (3,107,836)	\$ (3,946,289)
Add Transfers from General Fund for Mowing	2,932,300	-	-	-	-	-
Less Projects to Be Funded by Developers	-	-	-	-	-	-
Less Projects to Be Funded Through Connection / Impact Fees	-	-	-	-	-	-
Less Projects to Be Funded Through Proceeds from Existing and Proposed Debt	-	3,090,000	3,447,925	3,715,272	4,333,209	4,637,096
<b>INCREASE / DECREASE IN UNRESTRICTED FUND BALANCES</b>	<b>\$ 1,479,256</b>	<b>\$ 244,919</b>	<b>\$ 795,040</b>	<b>\$ 874,697</b>	<b>\$ 1,225,372</b>	<b>\$ 690,807</b>



**Table ES-2  
City of Deltona, Florida  
Stormwater Rate Study**

**Stormwater System Multi-Year Financial Projections**

<b>High-Level Summary</b>	<b>Fiscal Year Ending September 30,</b>					
	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
<b>Debt Service Coverage</b>						
Net Revenue Available for Debt Service	\$ 149,346	\$ 1,683,441	\$ 2,757,973	\$ 3,419,613	\$ 4,082,691	\$ 4,315,668
Less Non-Pledged Funds	-	-	-	-	-	-
Adjusted Net Revenue Available for Debt Service	\$ 149,346	\$ 1,683,441	\$ 2,757,973	\$ 3,419,613	\$ 4,082,691	\$ 4,315,668
<b>Total Debt Service</b>	529,891	651,602	1,189,537	1,338,546	2,000,807	2,087,663
<b>ALL-IN DEBT SERVICE COVERAGE - 2.00x MIN TARGET</b>	<b>0.28</b>	<b>2.58</b>	<b>2.32</b>	<b>2.55</b>	<b>2.04</b>	<b>2.07</b>
<b>Cash Balances</b>						
Beginning of Year Cash Balances	\$ 1,261,675					
Less Construction / Loan Fund Balance	-					
Less Customer Deposits	-					
Less Debt Service Reserve Account	-					
Less Connection / Impact Fees	-					
Less Carryforward Projects	-					
Beginning of Year Fund Balance - Net Cash	\$ 1,261,675	\$ 2,740,931	\$ 2,985,850	\$ 3,780,889	\$ 4,655,586	\$ 5,880,958
Operating/Capital Reserve (Increase/Decrease)	1,479,256	244,919	795,040	874,697	1,225,372	690,807
<b>ENDING CASH RESERVES - \$</b>	<b>\$ 2,740,931</b>	<b>\$ 2,985,850</b>	<b>\$ 3,780,889</b>	<b>\$ 4,655,586</b>	<b>\$ 5,880,958</b>	<b>\$ 6,571,766</b>
Target Minimum Cash Reserves - One Year of Operating Expenses - \$	\$ 5,113,700	\$ 5,371,466	\$ 5,619,221	\$ 5,880,268	\$ 6,155,477	\$ 6,445,788
Cash Reserves Balance - % of Operating Expenses	54%	56%	67%	79%	96%	102%
Cash Reserves Balance - Days Cash on Hand	196	203	246	289	349	372
Cash Reserves Equal to or Greater Than Target?	No	No	No	No	No	Yes
<b>Effective Monthly Rate and Rate Affordability</b>						
Effective Monthly Residential Stormwater Bill	\$ 10.24	\$ 13.60	\$ 16.00	\$ 17.60	\$ 19.20	\$ 20.00
Amount Increase		\$ 3.36	\$ 2.40	\$ 1.60	\$ 1.60	\$ 0.80
Percent Increase		32.8%	17.6%	10.0%	9.1%	4.2%
Cumulative Increase - %		32.8%	56.3%	71.9%	87.5%	95.3%
Median Household Income in City of Deltona (Monthly)	\$ 5,756	\$ 5,929	\$ 6,107	\$ 6,290	\$ 6,479	\$ 6,673
Percent of Median Household Income (Target < 0.5%)	0.18%	0.23%	0.26%	0.28%	0.30%	0.30%
Monthly Bill Less Than 1.0% of Median Household Income?	Yes	Yes	Yes	Yes	Yes	Yes

# **SECTION 1**

## **Financial Forecast**

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## SECTION 1:

# FINANCIAL FORECAST

### 1-1: Stormwater System Customer Statistics

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It is estimated that the City currently provides stormwater service to 39,160 parcels and 42,936 equivalent residential units ("ERU's"). An annual growth rate of 400 ERU's (0.9% compound annual growth rate) was assumed through the Fiscal Year 2029 based on historical trends. Table 1-1 at the end of this section shows the historical and projected stormwater customer statistics.

### 1-2: Revenues Under Existing Stormwater Rates

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The forecast of revenues from existing stormwater rates was based on i) the projection of System billable ERU's as shown in Table 1-1; and ii) the existing stormwater assessments. A summary of the estimated revenues derived under existing stormwater rates is included in Table 1-2 at the end of this section.

### 1-3: Revenue Requirements – Principal Assumptions and Considerations

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The costs associated with operating and maintaining a utility system, as well as the costs of financing the renewals and replacements of existing facilities and the capital improvements for upgrades and expansions, are generally considered as the revenue requirements of a public utility such as the City's System. The sum of these costs, after adjusting for other operating and non-operating (e.g., interest income) revenues available to the utility, represents the net revenue requirements of a utility system that must be funded from the user rates or assessments. The following is a summary of the net revenue requirements derivation:

- + Cost of Operation and Maintenance
- + Debt Service Payments (Senior and Subordinate)
- + Transfers and Administration Payments
- + Capital Project Financing
- + Working Capital Reserves / Financial Compliance
- Other Operating Revenue and Other Funding Sources
- Interest Income
- = Net Revenue Requirements (Funded from User Rates or Assessments)

Net revenue requirements signify the expenditure levels required to be recovered from user fees or assessments. The development of the net revenue requirements of the System is a critical component of the analysis since utility rates should be designed to fully recover the cost of providing service.

The financial evaluation contained in this utility rate study covered projections through the Fiscal Year ending September 30, 2029 (previously defined as the "Forecast Period"). A forecast of System operations was prepared to i) assess the adequacy of utility assessments in the near future; ii) recognize potential cost recovery strategies based on the phase-in of any required assessment adjustments to meet the projected revenue requirements and finance identified capital expenditure requirements; and iii) examine the financial implications of alternatives to funding the System's multi-year capital improvement program.

The projected stormwater revenue requirements are shown in Table 1-3 at the end of this section. In the preparation of the financial projections contained in this report, GovRates has made certain assumptions with respect to conditions that may occur in the future. While we believe the assumptions are reasonable and based on the best available information for the purpose of this report, they are dependent upon future events, and actual conditions may differ from those assumed. We recommend that the City continue to compare actual results with the projections contained in this report to ensure that the Utility's rates continue to be sufficient.

For the purposes of the financial projections, the principal considerations and assumptions were either made by us or provided to us by others. These considerations and assumptions include the following:

1. Projected revenues for the City's stormwater system have been based on the assessments currently in effect. Such assessments were applied to the customer forecast discussed previously.
2. The amended Fiscal Year 2024 and proposed Fiscal Year 2025 Operating and Capital Budgets as provided by the City served as the baseline for the expenditure projections for the remainder of the Forecast Period, and the underlying assumptions contained in this budget were considered reasonable and to reflect anticipated operations. The budgeted operating expenses were compared with actual historical results and trends in operating expenses.
3. Table 1-4 at the end of this section summarizes i) the budgeted operations and maintenance expenses for the System; and ii) the adjustments made to the forecast for known operational and ratemaking considerations.

The projected operation and maintenance expenses for the stormwater system are displayed on Table 1-5 at the end of this section. Operating expenses were generally increased at a rate of about 4.7% per year.

It is assumed that prices will stabilize during the Forecast Period. To the extent that the Utility's overall operating expenses increase at a higher rate than what has been recognized during the Forecast Period, the financial and rate plan may need to be adjusted.

4. Based on discussions with City staff, no additional personnel above Fiscal Year 2025 budgeted levels are assumed to be hired through the Fiscal Year 2029.
5. For the purposes of this analysis, amounts associated with depreciation and amortization expenses have not been recognized. These expenditures are non-cash in nature and are also not considered as operating expenses for ratemaking purposes. It should be noted that an allowance for the funding of capital projects, renewals and replacements, and/or reserves has been recognized that essentially provides for the cash funding of these expenses.
6. Table 1-6 at the end of this section summarizes the existing and assumed debt issues. There are certain rate covenants or requirements associated with the Utility's existing and additional debt. The assumptions for the anticipated bank loans / special assessment notes were provided by the City's Financial Advisor, PFM, and include 15-year repayment terms, an interest rate of 5.5%, and level debt service.
7. The projected capital expenditures through the Fiscal Year ending September 30, 2029 for the stormwater system were based on discussions with the City staff. Table 1-7 at the end of this section provides a listing of the capital projects for the stormwater system as well as projected funding sources for such projects within the analysis period. The majority of the capital needs are anticipated to be debt-financed with bank loans.



Table 1-1

City of Deltona, Florida  
Stormwater Rate Study

Summary of Historical and Projected Stormwater Customer Statistics

Line No.	Description	Fiscal Year Ended September 30,					Fiscal Year Ending September 30,					
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
<b>Residential Developed Properties</b>												
1	Parcel Growth		144	385	411	356	899	400	400	400	400	400
2	Equivalent Residential Unit Growth		146	390	411	356	901	400	400	400	400	400
3	Average Monthly Parcels	33,704	33,848	34,233	34,644	35,000	35,899	36,299	36,699	37,099	37,499	37,899
4	Average Equivalent Residential Units	33,717	33,863	34,253	34,664	35,020	35,921	36,321	36,721	37,121	37,521	37,921
5	Equivalent Residential Units Per Parcel	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
<b>Residential Undeveloped Properties</b>												
6	Parcel Growth		95	(337)	(53)	(163)	(727)	0	0	0	0	0
7	Equivalent Residential Unit Growth		60	(212)	(33)	(103)	(458)	0	0	0	0	0
8	Average Monthly Parcels	3,426	3,521	3,184	3,131	2,968	2,241	2,241	2,241	2,241	2,241	2,241
9	Average Equivalent Residential Units	2,158	2,218	2,006	1,973	1,870	1,412	1,412	1,412	1,412	1,412	1,412
10	Equivalent Residential Units Per Parcel	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
<b>Nonresidential Developed Properties</b>												
11	Parcel Growth		3	3	12	22	6	0	0	0	0	0
12	Equivalent Residential Unit Growth		59	78	672	186	2	0	0	0	0	0
13	Average Monthly Parcels	505	508	511	523	545	551	551	551	551	551	551
14	Average Equivalent Residential Units	3,250	3,309	3,387	4,059	4,244	4,246	4,246	4,246	4,246	4,246	4,246
15	Equivalent Residential Units Per Parcel	6.44	6.51	6.63	7.76	7.79	7.79	7.71	7.71	7.71	7.71	7.71
<b>Nonresidential Undeveloped Properties</b>												
16	Parcel Growth		(2)	(5)	(11)	5	5	0	0	0	0	0
17	Equivalent Residential Unit Growth		(1)	4	(59)	15	73	0	0	0	0	0
18	Average Monthly Parcels	477	475	470	459	464	469	469	469	469	469	469
19	Average Equivalent Residential Units	925	925	929	869	884	957	957	957	957	957	957
20	Equivalent Residential Units Per Parcel	1.94	1.95	1.98	1.89	1.90	1.90	2.04	2.04	2.04	2.04	2.04
<b>Summary:</b>												
21	Parcel Growth		240	46	359	220	183	400	400	400	400	400
22	Equivalent Residential Unit Growth		264	260	990	454	518	400	400	400	400	400
23	Total Accounts	38,112	38,352	38,398	38,757	38,977	39,160	39,560	39,960	40,360	40,760	41,160
24	Total Equivalent Residential Units	40,051	40,315	40,574	41,564	42,018	42,536	42,936	43,336	43,736	44,136	44,536

Table 1-2

City of Deltona, Florida  
Stormwater Rate Study

Projected Stormwater Rate Revenues Under Existing Rates

Line No.	Description	Historical	Fiscal Year Ending September 30,					
		2023	2024	2025	2026	2027	2028	2029
<b>STORMWATER RATE REVENUE</b>								
1	Residential Developed Properties	\$ 4,332,596	\$ 4,444,097	\$ 4,493,584	\$ 4,543,071	\$ 4,592,558	\$ 4,642,045	\$ 4,691,532
2	Residential Undeveloped Properties	231,332	174,668	174,668	174,668	174,668	174,668	174,668
3	Nonresidential Developed Properties	525,088	525,287	525,287	525,287	525,287	525,287	525,287
4	Nonresidential Undeveloped Properties	109,345	118,368	118,368	118,368	118,368	118,368	118,368
5	<b>Total Stormwater Rate Revenue</b>	<u>\$ 5,198,362</u>	<u>\$ 5,262,420</u>	<u>\$ 5,311,907</u>	<u>\$ 5,361,394</u>	<u>\$ 5,410,882</u>	<u>\$ 5,460,369</u>	<u>\$ 5,509,856</u>

**Table 1-3**

**City of Deltona, Florida  
Stormwater Rate Study**

**Development of Net Revenue Requirements and Projected Rate Adjustments - Stormwater System**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
	Operating Expenses						
1	Personnel Services	\$ 2,855,500	\$ 3,000,356	\$ 3,154,070	\$ 3,317,302	\$ 3,490,771	\$ 3,675,256
2	Operating Expenses	1,606,800	1,687,140	1,753,823	1,823,184	1,895,333	1,970,384
3	Internal Charges	651,400	683,970	711,329	739,782	769,373	800,148
4	Total Operating Expenses	\$ 5,113,700	\$ 5,371,466	\$ 5,619,221	\$ 5,880,268	\$ 6,155,477	\$ 6,445,788
	Debt Service						
5	2009 Bank Loan - Branch Banking and Trust Company	\$ 529,891	\$ 530,398	\$ 530,933	\$ 531,495	\$ 532,085	\$ 532,706
6	Stormwater Special Assessment Note, Series 2025	-	121,204	658,604	658,071	658,767	658,484
7	Stormwater Special Assessment Note, Series 2027	-	-	-	148,980	809,955	809,971
8	Stormwater Special Assessment Note, Series 2029	-	-	-	-	-	86,501
9	Total Debt Service	\$ 529,891	\$ 651,602	\$ 1,189,537	\$ 1,338,546	\$ 2,000,807	\$ 2,087,663
	Other Revenue Requirements						
10	Capital Funded from Assessments	\$ 1,072,500	\$ 786,920	\$ 773,396	\$ 1,206,371	\$ 856,512	\$ 1,537,197
11	Total Other Revenue Requirements	\$ 1,072,500	\$ 786,920	\$ 773,396	\$ 1,206,371	\$ 856,512	\$ 1,537,197
12	Gross Revenue Requirements	\$ 6,716,091	\$ 6,809,988	\$ 7,582,155	\$ 8,425,185	\$ 9,012,796	\$ 10,070,649
	Less Income and Funds from Other Sources						
13	Other Operating Revenue	\$ 626	\$ -	\$ -	\$ -	\$ -	\$ -
14	Unrestricted Interest Income	-	-	-	-	-	-
15	Transfers In / Grants	2,932,300	-	-	-	-	-
16	Net Revenue Requirements	\$ 3,783,165	\$ 6,809,988	\$ 7,582,155	\$ 8,425,185	\$ 9,012,796	\$ 10,070,649

**Table 1-3**

**City of Deltona, Florida  
Stormwater Rate Study**

**Development of Net Revenue Requirements and Projected Rate Adjustments - Stormwater System**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
	Revenue from Existing Assessments						
17	Stormwater System Assessment Revenue	\$ 5,262,420	\$ 5,311,907	\$ 5,361,394	\$ 5,410,882	\$ 5,460,369	\$ 5,509,856
18	Prior Year Rate Adjustment	-	-	1,759,200	3,043,600	3,924,600	4,821,100
19	Total Applicable Rate Revenue	\$ 5,262,420	\$ 5,311,907	\$ 7,120,594	\$ 8,454,482	\$ 9,384,969	\$ 10,330,956
20	Rate Adjustments	0.00%	32.81%	17.65%	10.00%	9.09%	4.17%
21	Effective Months	12	12	12	12	12	12
22	Percent of Current Year Effective	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
23	Revenue from Current Rate Adjustment	\$ -	\$ 1,743,000	\$ 1,256,600	\$ 845,400	\$ 853,200	\$ 430,500
24	Total Rate Revenue	\$ 5,262,420	\$ 7,054,907	\$ 8,377,194	\$ 9,299,882	\$ 10,238,169	\$ 10,761,456
25	Revenue Surplus/(Deficiency) Under Proposed Rates	\$ 1,479,256	\$ 244,919	\$ 795,040	\$ 874,697	\$ 1,225,372	\$ 690,807

Table 1-4

City of Deltona, Florida  
Stormwater Rate Study

Stormwater System Budgeted Expenditures

Line No.	Expense Code	Description	Budgeted Fiscal Year 2024		Adjusted Fiscal Year 2024		Budgeted Fiscal Year 2025		Adjusted Fiscal Year 2025	
				Adjustments		Adjustments		Adjustments		Adjustments
<b>Personnel Services</b>										
1	511200	Salaries and Wages	\$ 1,755,900	\$ -	\$ 1,755,900	\$ 1,826,136	\$ -	\$ 1,826,136		
2	511400	Overtime	150,000	-	150,000	156,000	-	156,000		
3	511500	Special Pay	4,700	-	4,700	4,888	-	4,888		
4	512100	FICA Taxes	146,200	-	146,200	152,048	-	152,048		
5	512200	Retirement Contributions	234,900	-	234,900	244,296	-	244,296		
6	512300	Health/Dental/Life Insurance	510,600	-	510,600	561,660	-	561,660		
7	512400	Workers Compensation	53,200	-	53,200	55,328	-	55,328		
8	AddPers	Additional Personnel	-	-	-	-	-	-		
9		<b>Total Personnel Services</b>	<u>\$ 2,855,500</u>	<u>\$ -</u>	<u>\$ 2,855,500</u>	<u>\$ 3,000,356</u>	<u>\$ -</u>	<u>\$ 3,000,356</u>		
<b>Operating Expenses</b>										
10	523101	Professional Services - Other	\$ 262,100	\$ -	\$ 262,100	\$ 275,205	\$ -	\$ 275,205		
11	523114	Water Testing Services	6,500	-	6,500	6,825	-	6,825		
12	523401	Other Contractual Svcs - Misc	65,000	-	65,000	68,250	-	68,250		
13	523404	Software/Network Maintenance	1,000	-	1,000	1,050	-	1,050		
14	523405	Mowing and Litter Control	375,000	-	375,000	393,750	-	393,750		
15	523406	Contractual Services - Volusia County	25,000	-	25,000	26,250	-	26,250		
16	523415	Tree Removal	20,000	-	20,000	21,000	-	21,000		
17	523420	Sign Fabrication / Signal Maintenance	2,000	-	2,000	2,100	-	2,100		
18	524001	Travel and Per Diem	3,000	-	3,000	3,150	-	3,150		
19	524101	Communications	3,300	-	3,300	3,465	-	3,465		
20	524102	Postage	1,000	-	1,000	1,050	-	1,050		
21	524301	Utility Services - General	89,000	-	89,000	93,450	-	93,450		
22	524402	Rentals and Leases - Equipment	5,000	-	5,000	5,250	-	5,250		
23	524501	Insurance - General	32,000	-	32,000	33,600	-	33,600		
24	524602	R&M - Equipment	123,000	-	123,000	129,150	-	129,150		
25	524607	R&M - Infrastructure	126,000	-	126,000	132,300	-	132,300		
26	524610	R&M - Other	55,000	-	55,000	57,750	-	57,750		
27	524701	Printing and Binding - General	1,500	-	1,500	1,575	-	1,575		
28	524901	Recognitions	1,000	-	1,000	1,050	-	1,050		
29	524906	Dumping Fees	5,000	-	5,000	5,250	-	5,250		
30	524910	Employee Physicals	1,500	-	1,500	1,575	-	1,575		
31	524951	Administrative Charges	180,000	(180,000)	-	189,000	(189,000)	-		
32	524999	Other Current Charges	52,000	-	52,000	54,600	-	54,600		
33	525101	Office Supplies - General	1,500	-	1,500	1,575	-	1,575		
34	525102	Furniture and Equipment	500	-	500	525	-	525		
35	525201	Fuel and Oil	123,000	-	123,000	129,150	-	129,150		
36	525202	Small Tools and Equipment	20,400	-	20,400	21,420	-	21,420		
37	525206	Uniforms	23,300	-	23,300	24,465	-	24,465		
38	525210	Operating Supplies - Other	43,500	-	43,500	45,675	-	45,675		
39	525212	Lab Supplies	1,500	-	1,500	1,575	-	1,575		
40	525213	Landscaping, Seed and Sod	75,000	-	75,000	78,750	-	78,750		
41	525301	Road Materials and Supplies	59,000	-	59,000	61,950	-	61,950		
42	525400	Publications, Membership, Training	4,200	-	4,200	4,410	-	4,410		
43		<b>Total Operating Expenses</b>	<u>\$ 1,786,800</u>	<u>\$ (180,000)</u>	<u>\$ 1,606,800</u>	<u>\$ 1,876,140</u>	<u>\$ (189,000)</u>	<u>\$ 1,687,140</u>		
<b>Internal Charges</b>										
44	910002	Transfer Out - Administration	\$ 462,400	\$ -	\$ 462,400	\$ 485,520	\$ -	\$ 485,520		
45	990131	IT - Allocated Costs	56,900	-	56,900	59,745	-	59,745		
46	990419	Fleet Maint Allocation	132,100	-	132,100	138,705	-	138,705		
47		<b>Total Internal Charges</b>	<u>\$ 651,400</u>	<u>\$ -</u>	<u>\$ 651,400</u>	<u>\$ 683,970</u>	<u>\$ -</u>	<u>\$ 683,970</u>		
48		<b>TOTAL EXPENDITURES</b>	<u>\$ 5,293,700</u>	<u>\$ (180,000)</u>	<u>\$ 5,113,700</u>	<u>\$ 5,560,466</u>	<u>\$ (189,000)</u>	<u>\$ 5,371,466</u>		
49		Actual Operating Expenses	<u>\$ 5,293,700</u>		<u>\$ 5,113,700</u>	<u>\$ 5,560,466</u>		<u>\$ 5,371,466</u>		

Table 1-5

City of Deltona, Florida  
Stormwater Rate Study

Projected Operating Expenses - Stormwater System

Line No.	Expense Code	Description	Fiscal Year Ending September 30,					
			2024	2025	2026	2027	2028	2029
<b>Personnel Services</b>								
1	511200	Salaries and Wages	\$ 1,755,900	\$ 1,826,136	\$ 1,899,181	\$ 1,975,149	\$ 2,054,155	\$ 2,136,321
2	511400	Overtime	150,000	156,000	162,240	168,730	175,479	182,498
3	511500	Special Pay	4,700	4,888	5,084	5,287	5,498	5,718
4	512100	FICA Taxes	146,200	152,048	158,130	164,455	171,033	177,875
5	512200	Retirement Contributions	234,900	244,296	254,068	264,231	274,800	285,792
6	512300	Health/Dental/Life Insurance	510,600	561,660	617,826	679,609	747,569	822,326
7	512400	Workers Compensation	53,200	55,328	57,541	59,843	62,236	64,726
8	AddPers	Additional Personnel	-	-	-	-	-	-
9		<b>Total Personnel Services</b>	<b>\$ 2,855,500</b>	<b>\$ 3,000,356</b>	<b>\$ 3,154,070</b>	<b>\$ 3,317,302</b>	<b>\$ 3,490,771</b>	<b>\$ 3,675,256</b>
<b>Operating Expenses</b>								
10	523101	Professional Services - Other	\$ 262,100	\$ 275,205	\$ 286,213	\$ 297,662	\$ 309,568	\$ 321,951
11	523114	Water Testing Services	6,500	6,825	7,030	7,241	7,458	7,682
12	523401	Other Contractual Svcs - Misc	65,000	68,250	70,298	72,406	74,579	76,816
13	523404	Software/Network Maintenance	1,000	1,050	1,092	1,136	1,181	1,228
14	523405	Mowing and Litter Control	375,000	393,750	409,500	425,880	442,915	460,632
15	523406	Contractual Services - Volusia County	25,000	26,250	27,300	28,392	29,528	30,709
16	523415	Tree Removal	20,000	21,000	21,630	22,279	22,947	23,636
17	523420	Sign Fabrication / Signal Maintenance	2,000	2,100	2,184	2,271	2,362	2,457
18	524001	Travel and Per Diem	3,000	3,150	3,308	3,473	3,647	3,829
19	524101	Communications	3,300	3,465	3,569	3,676	3,786	3,900
20	524102	Postage	1,000	1,050	1,082	1,114	1,147	1,182
21	524301	Utility Services - General	89,000	93,450	98,093	102,959	108,056	113,397
22	524402	Rentals and Leases - Equipment	5,000	5,250	5,408	5,570	5,737	5,909

**Table 1-5**

**City of Deltona, Florida  
Stormwater Rate Study**

**Projected Operating Expenses - Stormwater System**

Line No.	Expense Code	Description	Fiscal Year Ending September 30,					
			2024	2025	2026	2027	2028	2029
23	524501	Insurance - General	32,000	33,600	34,608	35,646	36,716	37,817
24	524602	R&M - Equipment	123,000	129,150	134,316	139,689	145,276	151,087
25	524607	R&M - Infrastructure	126,000	132,300	137,592	143,096	148,820	154,772
26	524610	R&M - Other	55,000	57,750	60,060	62,462	64,961	67,559
27	524701	Printing and Binding - General	1,500	1,575	1,622	1,671	1,721	1,773
28	524901	Recognitions	1,000	1,050	1,082	1,114	1,147	1,182
29	524906	Dumping Fees	5,000	5,250	5,408	5,570	5,737	5,909
30	524910	Employee Physicals	1,500	1,575	1,622	1,671	1,721	1,773
31	524999	Other Current Charges	52,000	54,600	56,238	57,925	59,663	61,453
32	525101	Office Supplies - General	1,500	1,575	1,622	1,671	1,721	1,773
33	525102	Furniture and Equipment	500	525	541	557	574	591
34	525201	Fuel and Oil	123,000	129,150	135,608	142,388	149,507	156,983
35	525202	Small Tools and Equipment	20,400	21,420	22,063	22,724	23,406	24,108
36	525206	Uniforms	23,300	24,465	25,199	25,955	26,734	27,536
37	525210	Operating Supplies - Other	43,500	45,675	47,045	48,457	49,910	51,408
38	525212	Lab Supplies	1,500	1,575	1,622	1,671	1,721	1,773
39	525213	Landscaping, Seed and Sod	75,000	78,750	81,900	85,176	88,583	92,126
40	525301	Road Materials and Supplies	59,000	61,950	64,428	67,005	69,685	72,473
41	525302	Drainage Materials and Supplies	-	-	-	-	-	-
42	525400	Publications, Membership, Training	4,200	4,410	4,542	4,679	4,819	4,963
43		<b>Total Operating Expenses</b>	<b>\$ 1,606,800</b>	<b>\$ 1,687,140</b>	<b>\$ 1,753,823</b>	<b>\$ 1,823,184</b>	<b>\$ 1,895,333</b>	<b>\$ 1,970,384</b>

Table 1-6

City of Deltona, Florida  
Stormwater Rate Study

Stormwater Debt Service by Fiscal Year

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
<b>EXISTING DEBT SERVICE</b>							
<b><u>Existing Senior Lien Debt</u></b>							
2009 Bank Loan - Branch Banking and Trust							
1	Amount Funded	\$ 6,569,345					
2	Start Balance	\$ 2,695,200	\$ -	\$ -	\$ -	\$ -	\$ -
3	Plus: Interest	135,030	115,247	94,448	72,580	49,588	25,415
4	Less: Payments	529,891	530,398	530,933	531,495	532,085	532,706
5	Balance End of Year	\$ 2,300,339	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Existing Debt</b>							
6	Amount Funded	\$ 6,569,345					
7	Start Balance	\$ 2,695,200	\$ -	\$ -	\$ -	\$ -	\$ -
8	Plus: Interest	135,030	115,247	94,448	72,580	49,588	25,415
9	Less: Payments	529,891	530,398	530,933	531,495	532,085	532,706
10	Balance End of Year	\$ 2,300,339	\$ -	\$ -	\$ -	\$ -	\$ -
<b>PROPOSED DEBT SERVICE</b>							
<b><u>Proposed Senior Lien Debt</u></b>							
Stormwater Special Assessment Note, Series 2025							
11	Amount Funded	\$ 6,611,150					
12	Start Balance	\$ -	\$ 6,320,000	\$ 6,320,000	\$ 6,025,009	\$ 5,714,327	\$ 5,385,861
13	Plus: Interest	-	121,204	363,613	347,389	330,301	312,236
14	Less: Payments	-	121,204	658,604	658,071	658,767	658,484
15	Balance End of Year	\$ -	\$ 6,320,000	\$ 6,025,009	\$ 5,714,327	\$ 5,385,861	\$ 5,039,613



Table 1-6

City of Deltona, Florida  
Stormwater Rate Study

Stormwater Debt Service by Fiscal Year

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
	Stormwater Special Assessment Note, Series 2027						
16	Amount Funded	\$ 8,126,190					
17	Start Balance	\$ -	\$ -	\$ -	\$ 7,320,000	\$ 7,320,000	\$ 6,956,986
18	Plus: Interest	-	-	-	148,980	446,940	426,975
19	Less: Payments	-	-	-	148,980	809,955	809,971
20	Balance End of Year	\$ -	\$ -	\$ -	\$ 7,320,000	\$ 6,956,986	\$ 6,573,989
	Stormwater Special Assessment Note, Series 2029						
21	Amount Funded	\$ 4,718,245					
22	Start Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,070,000
23	Plus: Interest	-	-	-	-	-	86,501
24	Less: Payments	-	-	-	-	-	86,501
25	Balance End of Year	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,070,000
	<b>Total Proposed Senior Lien Debt</b>						
26	Amount Funded	\$ 19,455,585					
27	Start Balance	\$ -	\$ 6,320,000	\$ 6,320,000	\$ 13,345,009	\$ 13,034,327	\$ 16,412,847
28	Plus: Interest	-	121,204	363,613	496,369	777,242	825,711
29	Less: Payments	-	121,204	658,604	807,051	1,468,721	1,554,957
30	Balance End of Year	\$ -	\$ 6,320,000	\$ 6,025,009	\$ 13,034,327	\$ 12,342,847	\$ 15,683,602

**Table 1-6**

**City of Deltona, Florida  
Stormwater Rate Study**

**Stormwater Debt Service by Fiscal Year**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
<b>Total Proposed Debt</b>							
31	Amount Funded	\$ 19,455,585					
32	Start Balance	\$ -	\$ 6,320,000	\$ 6,320,000	\$ 13,345,009	\$ 13,034,327	\$ 16,412,847
33	Plus: Interest	-	121,204	363,613	496,369	777,242	825,711
34	Less: Payments	-	121,204	658,604	807,051	1,468,721	1,554,957
35	Balance End of Year	\$ -	\$ 6,320,000	\$ 6,025,009	\$ 13,034,327	\$ 12,342,847	\$ 15,683,602
<b>TOTAL DEBT</b>							
36	Amount Funded	\$ 26,024,930					
37	Start Balance	\$ 2,695,200	\$ 6,320,000	\$ 6,320,000	\$ 13,345,009	\$ 13,034,327	\$ 16,412,847
38	Plus: Interest	135,030	236,451	458,061	568,949	826,830	851,127
39	Less: Payments	529,891	651,602	1,189,537	1,338,546	2,000,807	2,087,663
40	Balance End of Year	\$ 2,300,339	\$ 6,320,000	\$ 6,025,009	\$ 13,034,327	\$ 12,342,847	\$ 15,683,602
41	Total Interest Payments	\$ 135,030	\$ 236,451	\$ 458,061	\$ 568,949	\$ 826,830	\$ 851,127
42	Total Principal Payments	394,861	415,151	731,476	769,597	1,173,977	1,236,536
43	Total Debt Service	\$ 529,891	\$ 651,602	\$ 1,189,537	\$ 1,338,546	\$ 2,000,807	\$ 2,087,663
<b>STORMWATER SYSTEM DEBT SERVICE SUMMARY</b>							
44	2009 Bank Loan - Branch Banking and Trust	\$ 529,891	\$ 530,398	\$ 530,933	\$ 531,495	\$ 532,085	\$ 532,706
45	Stormwater Special Assessment Note, Series 2025	-	121,204	658,604	658,071	658,767	658,484
46	Stormwater Special Assessment Note, Series 2027	-	-	-	148,980	809,955	809,971
47	Stormwater Special Assessment Note, Series 2029	-	-	-	-	-	86,501
48	Total Debt Service	\$ 529,891	\$ 651,602	\$ 1,189,537	\$ 1,338,546	\$ 2,000,807	\$ 2,087,663

Table 1-7

City of Deltona, Florida  
Stormwater Rate Study

Estimated Multi-Year Capital Improvement Program and Funding Sources

Line No.	Description	Funding Source	Fiscal Year Ending September 30,						Total
			Adjusted 2024	2025	2026	2027	2028	2029	
<b>CAPITAL IMPROVEMENT PROGRAM</b>									
1	J40 Service Area	REV	\$ 571,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 571,500
2	Drainage Pipe Rehab	REV	150,000	-	-	-	-	-	150,000
3	Theresa Basin Emergency Pumping Route (THERESA BASIN/ DEEP CREEK)	REV	100,000	-	-	-	-	-	100,000
4	Emergency Portable Pumps Replacement (#0852, #0746	REV	70,000	-	-	-	-	-	70,000
5	Ford Escape	REV	45,000	-	-	-	-	-	45,000
6	New / Replacement PC's – Tablets - Laptops	REV	6,000	-	-	-	-	-	6,000
7	East Brook Drainage Improvements (Pump Station)	B1	-	1,545,000	-	-	-	-	1,545,000
8	Lake Windsor Emergency Forcemain Relocate	B1	-	1,545,000	-	-	-	-	1,545,000
9	Emergency Portable Pumps (4 New)	REV	-	309,000	-	-	-	-	309,000
10	Emergency Portable Pump Replacement (#1105,1106)	REV	-	190,550	-	-	-	-	190,550
11	Mower - John Deere Rear & Side Discharge (2)	REV	-	51,500	26,523	27,318	28,138	-	133,478
12	Fay Court Drainage Improvements	REV	-	46,350	-	-	-	-	46,350
13	3041 Millstone Ave Drainage Improvements	REV	-	46,350	-	-	-	-	46,350
14	John Deere Gator TS 4X2 (Replacements)	REV	-	36,050	-	38,245	39,393	46,371	160,059
15	Plate Compactor, Jumping Jack	REV	-	30,900	-	-	-	-	30,900
16	Trailer Replacement (2) #0832 & #0814	REV	-	30,900	-	-	-	-	30,900
17	Tulsa Drive/ Dorchester Drive Drainage Retention Pond Improvements	REV	-	22,660	-	-	-	-	22,660
18	349 Diamond Street Drainage Improvements	REV	-	18,540	-	-	-	-	18,540
19	New / Replacement PC's – Tablets - Laptops	REV	-	4,120	4,244	4,371	6,753	6,956	26,443
20	Water Quality Pond GC-4	B1	-	-	954,810	-	-	-	954,810
21	New Slope Mower	REV	-	-	328,879	-	-	-	328,879
22	Excavator 1002 (Replacement)	REV	-	-	275,834	-	-	-	275,834
23	Theresa Basin Drainage Improvements	B1	-	-	2,493,115	-	-	-	2,493,115
24	Theresa Basin Drainage Improvements	B2	-	-	-	2,677,181	2,757,497	-	5,434,678
25	Theresa Basin Drainage Improvements	B3	-	-	-	-	-	4,637,096	4,637,096
26	Water Quality Pond GC-7	B2	-	-	-	1,038,091	-	-	1,038,091
27	New Menzi	REV	-	-	-	546,364	-	-	546,364
28	New Bat Wing Mower	REV	-	-	-	355,136	-	-	355,136
29	New Generator	REV	-	-	-	92,882	-	-	92,882
30	Providence/Normandy	B2	-	-	-	-	1,125,509	-	1,125,509
31	Aqua Tech	B2	-	-	-	-	450,204	-	450,204
32	Water Truck #1317	REV	-	-	-	-	281,377	-	281,377
33	Skid Steers - SW-1340 Replacement	REV	-	-	-	-	168,826	-	168,826

Table 1-7

City of Deltona, Florida  
Stormwater Rate Study

Estimated Multi-Year Capital Improvement Program and Funding Sources

Line No.	Description	Funding Source	Fiscal Year Ending September 30,						Total
			Adjusted 2024	2025	2026	2027	2028	2029	
34	F-150 4x4 (Replacement)	REV	-	-	-	-	112,551	-	112,551
35	F-250 4x4 (Replacement)	REV	-	-	-	-	73,158	-	73,158
36	Street Sweeper	REV	-	-	-	-	-	521,673	521,673
37	Loader #0725 Replacement	REV	-	-	-	-	-	405,746	405,746
38	Aebi Mower Replacement	REV	-	-	-	-	-	347,782	347,782
39	Ford Explorer	REV	-	-	-	-	-	57,964	57,964
40	In-House Capital Projects (Unidentified)	REV	130,000	-	137,917	142,055	146,316	150,706	706,993
41	Adjustments	REV	-	-	-	-	-	-	-
42	Subtotal - Capital Projects		\$ 1,072,500	\$ 3,876,920	\$ 4,221,321	\$ 4,921,642	\$ 5,189,721	\$ 6,174,294	\$ 25,456,398
43	<b>TOTAL STORMWATER SYSTEM CAPITAL IMPROVEMENT PROGRAM</b>		<u>\$ 1,072,500</u>	<u>\$ 3,876,920</u>	<u>\$ 4,221,321</u>	<u>\$ 4,921,642</u>	<u>\$ 5,189,721</u>	<u>\$ 6,174,294</u>	<u>\$ 25,456,398</u>
	<b>FUNDING SOURCES</b>								
	<b>STORMWATER SYSTEM</b>								
44	Stormwater Special Assessment Note, Series 2025	B1	\$ -	\$ 3,090,000	\$ 3,447,925	\$ -	\$ -	\$ -	\$ 6,537,925
45	Stormwater Special Assessment Note, Series 2027	B2	-	-	-	3,715,272	4,333,209	-	8,048,481
46	Stormwater Special Assessment Note, Series 2029	B3	-	-	-	-	-	4,637,096	4,637,096
47	User Rate Revenue	REV	1,072,500	786,920	773,396	1,206,371	856,512	1,537,197	6,232,896
48	<b>TOTAL STORMWATER SYSTEM FUNDING SOURCES</b>		<u>\$ 1,072,500</u>	<u>\$ 3,876,920</u>	<u>\$ 4,221,321</u>	<u>\$ 4,921,642</u>	<u>\$ 5,189,721</u>	<u>\$ 6,174,294</u>	<u>\$ 25,456,398</u>

# **SECTION 2**

## **Rate Comparisons**

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## SECTION 2:

# RATE COMPARISONS

### 2-1: Bill Comparisons – Other Florida Utilities

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In order to provide the City with additional information regarding the current rates charged for service, a comparison of the City's existing and proposed Fiscal Year 2025 effective monthly stormwater rate per ERU with charges for stormwater service by other Florida utilities has been made. This bill comparison is shown in Table 2-1 at the end of this section. A graphical comparison is in Figure 2-1 at the end of this section.

A rate or fee comparison is not a "report card" on how well a utility is performing. It should be noted when making a comparison of the rates charged by other utilities for stormwater service that several factors have an effect on the level of rates charged. These factors may include, but are not limited to, the following:

- Services provided through the stormwater fees differ by utility system (e.g., not all stormwater utilities provide street sweeping).
- Amount of lake and canal area to be maintained.
- Size and demographics of the existing customer base and available system growth.
- Level of capital improvement need to meet service area growth.
- Amount of renewals and replacements of assets and the remaining service life of assets.
- Differences in rate covenants associated with debt.
- External assistance in funding infrastructure (e.g., grants).
- Amount of subsidization from other funds (e.g., General Fund).
- Amount of General Fund and administrative fee transfers.
- Time of last rate review.



For the stormwater utilities included in the stormwater fee comparison in Table 2-1 and in Figure 2-1, no analysis has been made of the above-mentioned factors as they relate to the reported stormwater rates currently being charged by the other utilities surveyed for the purposes of this study. The proposed stormwater assessments for Deltona produce bills that are comparable / competitive with those of other Florida stormwater utilities. Several stormwater utilities in Florida have significantly higher stormwater rates than what is being proposed for Deltona. By Fiscal Year 2029 – in five years – Deltona’s stormwater rates are anticipated to be lower than what is currently charged by the City of Fort Lauderdale, the City of Miami Beach, the Town of Fort Myers Beach, the Town of Golden Beach, and the Village of Key Biscayne.

**Table 2-1**  
**City of Deltona, Florida**  
**Stormwater Rate Study**

**Comparison of Effective Monthly Stormwater Rates  
Per Equivalent Residential Unit (ERU) [1]**

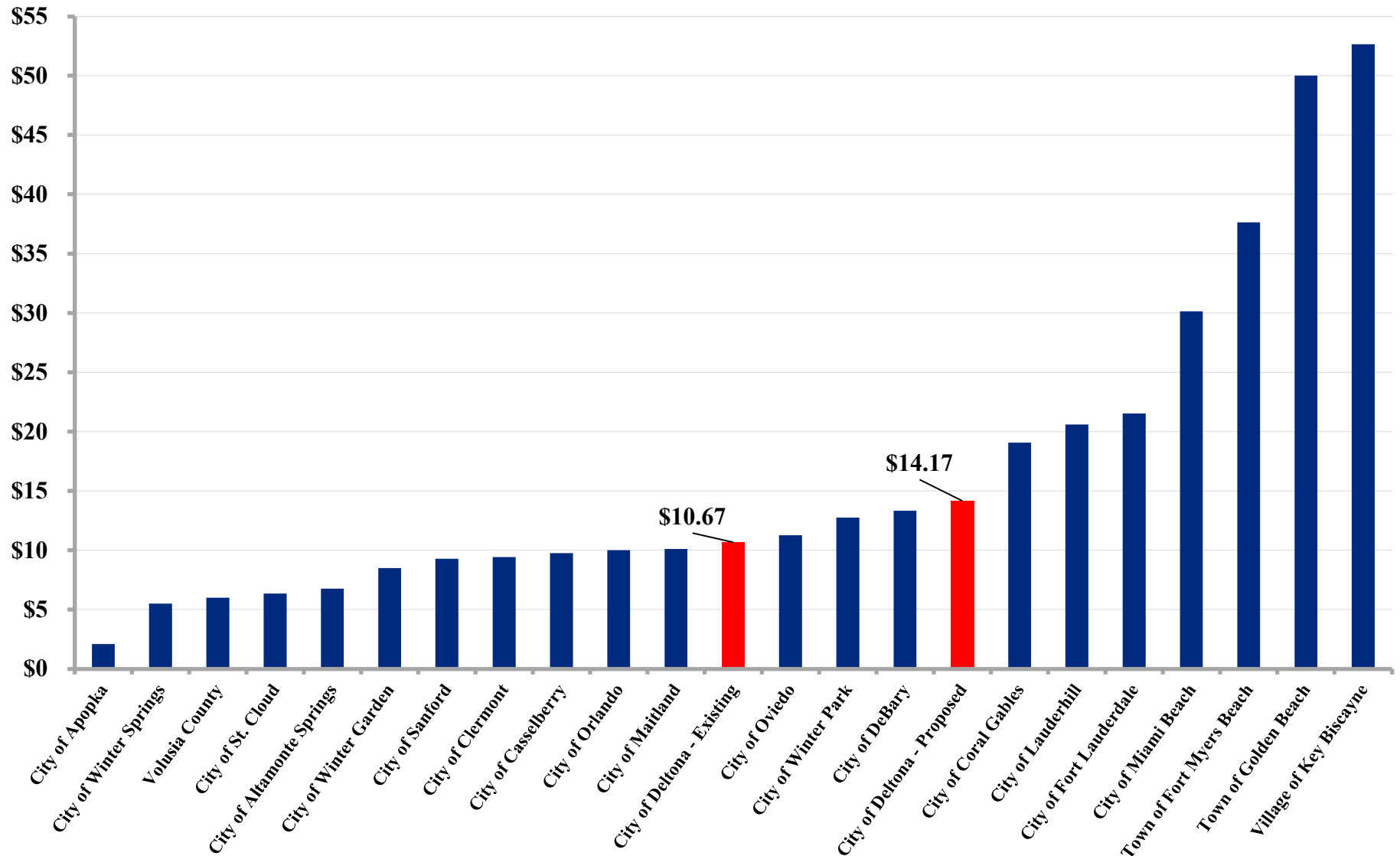
(Rates Effective in April 2024)

Line No.	Description	Effective Monthly Rate	Annual Amount	Impervious Square Feet Per ERU	Rate Per 1,000 Square Feet
<b>City of Deltona, Florida</b>					
1	Existing Effective Monthly Rate [2]	\$ 10.67	\$ 128.00	3,484	\$ 3.06
2	Proposed Effective Monthly Rate - Fiscal Year 2024 [2]	14.17	170.00	3,484	4.07
<b>Other Surveyed Central Florida Utilities:</b>					
3	City of Altamonte Springs	\$ 6.75	\$ 81.00	2,492	\$ 2.71
4	City of Apopka [2]	2.08	25.00	2,634	0.79
5	City of Casselberry	9.75	117.00	2,304	4.23
6	City of Clermont [3]	9.42	113.04	3,154	2.99
7	City of DeBary [2]	13.33	160.00	N/A	N/A
8	City of Maitland [4]	10.10	121.20	2,532	3.99
9	City of Orlando	9.99	119.88	2,000	5.00
10	City of Oviedo	11.26	135.12	2,464	4.57
11	City of St. Cloud	6.35	76.20	2,664	2.38
12	City of Sanford	9.27	111.24	2,126	4.36
13	City of Winter Garden	8.50	102.00	4,077	2.08
14	City of Winter Park [5]	12.75	153.00	2,324	5.49
15	City of Winter Springs	5.50	66.00	2,123	2.59
16	Volusia County	6.00	72.00	2,775	2.16
<b>Other Surveyed Florida Utilities with Higher Stormwater Rates Than City of Deltona's:</b>					
17	City of Coral Gables	\$ 19.07	228.84	2,346	\$ 8.13
18	City of Lauderhill	20.59	247.08	3,800	5.42
19	City of Fort Lauderdale [2]	21.52	258.24	N/A	N/A
20	Village of Key Biscayne	52.65	631.80	N/A	N/A
21	City of Miami Beach	30.14	361.68	791	38.10
22	Town of Fort Myers Beach	37.64	451.68	4,414	8.53
23	Town of Golden Beach	50.00	600.00	8,000	6.25
24	Other Surveyed Florida Utilities' Average	\$ 16.79	\$ 201.52	2,946	\$ 6.10
25	Minimum	2.08	25.00	791	0.79
26	Maximum	52.65	631.80	8,000	38.10

**Footnotes:**

- [1] Unless otherwise noted, amounts shown reflect stormwater rates in effect April 2024.
- [2] Effective monthly rate based on annual assessment.
- [3] Monthly charge without approved drainage retention on site.
- [4] Medium residential rate (1 ERU).
- [5] Reflects Class 4 single family residential rate = between 2,300 and 2,899 square feet of impervious area.

**Figure 2-1**  
**City of Deltona, Florida**  
**Comparison of Effective Monthly Stormwater Rates**  
**Per Equivalent Residential Unit (ERU)**



# 2024

## **CITY OF DELTONA, FLORIDA Stormwater Rate Study**



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