

# LEE COUNTY

## Fiscal Year 2024 Solid Waste Revenue Sufficiency and Cost of Service Study

September 13, 2024



September 13, 2024

Mr. Douglass Whitehead  
Director  
Lee County Solid Waste Department  
P.O. Box 398  
Fort Myers, FL 33902-0398

Subject: **Fiscal Year 2024 Solid Waste Revenue Sufficiency Study**

Dear Mr. Whitehead:

Raftelis Financial Consultants, Inc. (Raftelis) has completed, for your consideration, our annual review and analysis of the Lee County (County) Solid Waste Department (Department) revenue sufficiency and rate study update (Study). The Study review period encompassed the Fiscal Years 2024 (current budget year) through 2029 (collectively, the “Forecast Period”) with the accounting period from October 1 through September 30 being the “Fiscal Year”. The purpose of the Study was to:

- Identify the ability of revenues derived from the current charges for solid waste disposal service and ongoing operations of the Department to fund the projected expenditures of the Department and provide sufficient net revenues to fund necessary transfers for future landfill closure and long-term care.
- Provide an evaluation of the Integrated Solid Waste Management System’s (System) overall financial position and cash balances / reserves relative to identified need (i.e., accumulated landfill closure and long-term care liabilities, operating expenses, capital expenditures, etc.), and recommendations concerning internal financial targets.
- Evaluate the cost of service for waste collection and disposal services and provide recommendations concerning the rates to recover the cost of such service.
- Develop a financial plan with County staff to maintain or promote the creditworthiness of the Department and assist in the overall strategic planning process with the ultimate objective of promoting long-term rate sustainability.

The Study is based on information provided by Department staff including, but not limited to, the number of residential properties assessed for collection and disposal service, historical waste deliveries to County facilities, historical financial operating results, budgetary information, capital plans, operating reports for the County’s waste-to-energy (WTE) facility, long-term liabilities associated with future closure of the County’s landfills, and other financial and statistical information. Following this letter is a report detailing the principal assumptions, findings, and recommendations of this analysis including an executive summary.

## Principal Findings and Recommendations:

Based on the assumptions and analyses reflected in this report, which should be read in its entirety, we are of the opinion that the current rates of the Department will not be sufficient to meet the projected revenue requirements of the Department for the Forecast Period. The following provides a brief summary of the key findings and recommendations of the Study:

- Waste generation per capita has outpaced population growth since 2011. Waste deliveries have grown by approximately 5.2% per year through the Fiscal Year 2023, while population growth averaged approximately 2.4% over the same period. It is assumed that the greater rate of growth in waste generation is due to increased economic activity, while a significant increase in construction & demolition deliveries occurred in Fiscal Year 2023 due to Hurricane Ian that is not anticipated to continue. The forecast assumes that we may be at or approaching a peak in the business cycle and that the past growth rate in waste generation will not continue, among other reasons, and therefore we have assumed waste generations rates remain constant throughout the Forecast Period.
- Operating and maintenance expenses are projected to increase over estimated Fiscal Year 2024 levels by approximately 3.5% or \$5.1 million annually resulting in an overall increase of approximately \$25.7 million in expenses by the Fiscal Year 2029. The increases are due to:
  - Private contracted service providers, such as the County's contracted franchise collection haulers, WTE facility operators, recycling processing, and other contract services represent the majority or approximately 78% of the total System operating expenses. During the Forecast Period, the majority or \$19.0 million of the overall increase in expenses is assumed to be attributable to contract service increases due to continued inflation, indexing not under the County's control pursuant to contractual arrangements for the provision of service, or the renegotiation and/or rebid of existing contracts.
  - All other operating expenses, including personnel, utilities, maintenance, insurance, and indirect cost allocations, among others, represent approximately 22% of the total operating expenses of the System. During the Forecast Period, approximately \$6.6 million of the overall increase in expenses is assumed to be attributable to general inflation in the cost of labor, parts and repair, and other operating costs.
- The Study assumes debt issuance for the construction of a County-operated materials recovery facility (MRF) and life extension projects related to the County's Waste to Energy (WTE) facility. It is assumed the County will utilize a line of credit for fiscal years 2025 and 2026 to fund approximately \$80 million in planned capital projects. Subsequently, it is assumed that \$139.8 million in senior lien bonds will be issued in Fiscal Year 2026 to refund the line of credit, fund the remaining project costs, and pay for the cost of issuance. The anticipated senior lien bonds were assumed to be a 20-year term, an interest rate of 4.66%, and payments of approximately \$10.9 million by Fiscal Year 2027. The Department's Series

2016 bonds are fully repaid by Fiscal Year 2027 providing debt capacity for the anticipated new bond issuance. Remaining capital will be funded using existing reserves or future revenues over the Forecast Period.

- The Study assumes deposits to fund: i) the future cost of landfill closure; ii) fund budgetary capital outlays; and iii) the Rate Stabilization Fund and operating reserves for future and near-term capital needs of the System. The following table provides a summary of the projected deposits:

<b>Closure, Capital, and Rate Stabilization Fund Deposits</b>						
	Projected Fiscal Year Ending September 30,					
	2024	2025	2026	2027	2028	2029
Rate Stabilization / Reserves	\$0	\$0	\$0	\$4,292,467	\$7,829,343	\$12,772,491
Capital Outlay / Capital Deposits	2,787,920	7,562,500	9,620,000	11,677,500	13,737,500	15,297,500
Net Deposits / Capital Outlay	\$2,787,920	\$7,562,500	\$9,620,000	\$15,969,967	\$21,566,843	\$28,069,991
Closure Fund	\$4,604,969	\$1,536,420	\$1,657,604	\$1,729,225	\$774,384	\$1,846,114

Deposits to the Rate Stabilization Fund and operating reserves are expected to promote: i) compliance with the rate covenants (i.e., debt service coverage) as delineated in the Indenture of Trust previously adopted by the County as a condition of the sale of solid waste bonds; and ii) the overall creditworthiness of the System recognizing previous declines in debt service coverage ratios (i.e., net revenues / annual debt service).

- Based on the findings of this Study, the forecasted revenues under existing charges are not anticipated to be sufficient to fully fund the projected increases in the cost of operation, debt service, and capital needs of the System. The following table provides a summary of the identified revenue adjustments for the Forecast Period including a comparison to the prior study forecasts.

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Identified Rate Revenue Adjustments by Fiscal Year [1]						
Description	Identified					
	2024	2025 [2]	2026 [2]	2027	2028	2029
Disposal Assessment / Tip Fee Revenues:						
Prior Study – FY23 Forecast	3.81%	5.00%	5.00%	5.00%	5.00%	N/A
Current Study – FY24 Forecast	N/A	6.53%	4.00%	4.00%	4.00%	4.00%
Incremental Revenue Addition	N/A	\$5.48m	\$3.63m	\$3.82m	\$4.03m	\$4.24m
Cumulative Revenue Addition	N/A	\$5.48m	\$9.11m	\$12.93m	\$16.96m	\$21.20m
Collection Assessment Revenues:						
Prior Study – FY23 Forecast	3.25%	39.19%	6.03%	5.83%	3.52%	N/A
Current Study – FY24 Forecast	N/A	6.00%	12.00%	12.00%	12.00%	12.00%
Incremental Revenue Addition	N/A	\$2.22m	\$4.79m	\$5.44m	\$6.17m	\$6.97m
Cumulative Revenue Addition	N/A	\$2.22m	\$7.01m	\$12.45m	\$18.62m	\$25.59m

[1] Reflects identified increases to revenues from the collection / disposal assessment and tipping fees for service. Actual increases in customer charges will vary by waste and service. It is important to note that the financial forecast does not assume investment in expanded or new facilities, which is contingent upon Board of County Commissioners approval of the recommendations of the solid waste master plan, with the exception of the landfill and MRF expansions.

[2] Historical increases from the franchised haulers have not been passed through to the customer. The identified fiscal year 2025 through 2029 collection assessment rate increases represent the pass through of these costs as well as estimates for increases in inflation.

The identified collection increase for fiscal year 2025 through 2029 represent a phased increase in order to pass through the existing and known cost increases in recently awarded contract collection rates, as well as provide an allowance for inflationary indexing as allowed by each contract.

- **Fiscal Year 2025 Residential Assessment:**
  - Collection Assessment – Based on the anticipated increases in contractual collection costs and the objectives of County staff, Raftelis was asked to develop a phased rate plan that that recovers the full cost of collection service by the end of the Forecast Period. Department staff are considering unifying the varying assessment rates for each service area into a single County-wide charge in future years. A unified residential assessment rate is justified since the level of service does not change among collection districts. Additionally, by having multiple franchise collection haulers the County has redundancy and options to provide service in the event hauler operations are disrupted. This provides an overall system benefit to the customers.
  - Disposal Assessment – Identified increases to various components of the disposal assessment based on the increased cost of service (e.g., contractual increases, general inflation, etc.).

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The following provides a summary of the overall change to residential assessments for County franchise areas 1 through 5 for Fiscal Year 2025.

Existing and Adopted Residential Assessment				
Area	Existing	Adopted	Annual Increase	
	2024	2025	Amount	Percent
Area 1	\$302.39	\$320.38	\$17.99	6%
Area 2	294.52	312.03	17.51	6%
Area 3	308.82	327.20	18.38	6%
Area 4	308.82	327.20	18.38	6%
Area 5	320.77	339.86	19.09	6%

- **Fiscal Year 2025 Adopted Solid Waste Disposal Assessment and Tipping Fees:**

- The following provides a summary of the overall changes to disposal tipping fees.

Existing and Adopted Tipping Fees				
Tipping Fee	Existing	Proposed	Annual Increase	
	2024	2025	Amount	Percent
Disposal Facility Assessment	\$18.61	\$19.73	\$1.12	6.0%
MSW	63.56	67.37	3.81	6.0%
C&D and Class III	63.94	67.78	3.84	6.0%
Yard Waste	39.97	42.37	2.40	6.0%
Recycling	41.12	43.59	2.47	6.0%
Tires	160.00	225.00	65.00	40.6%

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Summary of Proposed Fiscal Year 2025 Rates	
Description	Proposed 2025
<u>Assessments:</u>	
Collection (Avg. Areas 1-5) [1]	\$203.62
Disposal MSW [2]	67.37
Disposal Yard Waste [3]	7.44
Disposal Facility Assessment Charge [2]	19.73
Recycling [4]	11.71
Surcharges	0.00
Billing Fee	2.45
Early Prepayment Gross Up (4%)	13.01
Gross Assessment Average for Areas 1-5 [5]	\$325.33
<u>Tipping Fees per Ton by Waste Type:</u>	
MSW [6]	\$67.37
Commercial Horticulture / Yard Waste	42.37
Residential Horticulture / Yard Waste	34.83
C&D	67.78
Class III	67.78
Tires	225.00
Recycling	43.59
Surcharges per MSW Ton [6]	\$0.00
Disposal Facility Assessment per Ton	\$19.73

- [1] Amounts shown reflect the average fee charged for the franchise collection areas 1-5.
- [2] County will assess residential customers the MSW disposal, and the Disposal Facility Assessment based on the waste generation assumption of 1.0 ton of waste per unit.
- [3] County will assess residential customers the Yard Waste Assessment based on the waste generation assumption of 0.18 tons per unit.
- [4] County will assess residential customers the Recycling Assessment based on the waste generation assumption of 0.27 tons per unit.
- [5] Reflects gross assessments before early prepayment discounts as allowed by Florida Statutes, Chapter 197.
- [6] Unincorporated waste generated by commercial and multi-family customers is charged a gate fee per ton including the addition of the base tipping fee plus applicable surcharges per ton for MSW deliveries. Currently the County does not charge for any surcharges.

## Other Forecast Risks and Considerations:

**New Disposal Facilities:** Due to the growing amount of waste deliveries and limited processing capacity at the waste-to-energy facility, the Department is actively evaluating alternative disposal options through a strategic

master planning exercise to better assess the latest technologies, options, and alternatives for waste disposal (Master Plan). It is important to note that the financial forecast only assumes investment in the currently planned landfill expansions and replacement of the existing material recovery facility. To the extent that the Department requires investment in additional facilities, additional rate revenue adjustments above what is currently identified in this Study may be required.

**Recycling Revenues and Costs:** As previously discussed, declines in the revenue derived from the sale of recycled materials and increased costs to reduce contamination and improve quality of the recovered materials has resulted in a material increase to the net cost of recycling over the past several years. To the extent that the value for local recovered materials declines below what is currently contemplated in this Study, the Department may incur further net increases to the cost of recycling and negatively affect future identified rate revenue adjustments.

**New Contractual Agreements:** The Study recognizes the most recently awarded franchise collection agreements. These new agreements represent the most significant increases in contractual costs for the County. Other contractual service agreements generally assume continuation of the terms and conditions unless the changes are otherwise known as disclosed in more detail in subsequent sections of this report. To the extent that the County experiences material changes to the assumed terms of other agreements or contractual operations above what is contemplated in this Study, additional rate revenue adjustments above what is currently identified in this Study may be required.

**The Economy and Inflation:** Significant increases in inflation, supply chain and labor shortages, and global events have affected economies across the nation. Uncertainty surrounding inflation and other economic factors can have a significant effect on the future cost of contractual services, of which many of the agreements include indexing provisions or pass-through provisions to the County. To the extent that waste deliveries decline below projections in the Study or inflation is greater than assumed, additional rate revenue adjustments above what is currently identified in this Study may be required.

Based on the current needs of the System and coupled with market conditions, it is recommended that the County consider implementation of the Fiscal Year 2025 rate increases to promote the creditworthiness of the System, fund the identified capital requirements, and mitigate declines in the fiscal position of the System. It is also recommended that the Department continue to perform annual updates to this Study in order to adjust for changes in actual conditions. Subsequent rate increases will be required to fully recover the costs of operations and pass through the recent increases in franchise collection costs.

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Mr. Douglass Whitehead  
Lee County Solid Waste Department  
September 13, 2024  
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As always, we greatly appreciate the opportunity to be of service to the County and would like to take the opportunity to thank staff for their efforts and time in providing the necessary assistance in the provision of data, insight into recent trends, and general guidance in the development of this Study.

Sincerely,

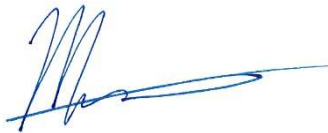
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TAB/dlc  
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LEE COUNTY, FLORIDA

FISCAL YEAR 2024  
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**LEE COUNTY, FLORIDA**

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**SOLD WASTE REVENUE SUFFICIENCY AND COST OF SERVICE STUDY**

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LEE COUNTY, FLORIDA

FISCAL YEAR 2024

SOLID WASTE REVENUE SUFFICIENCY AND COST OF SERVICE STUDY

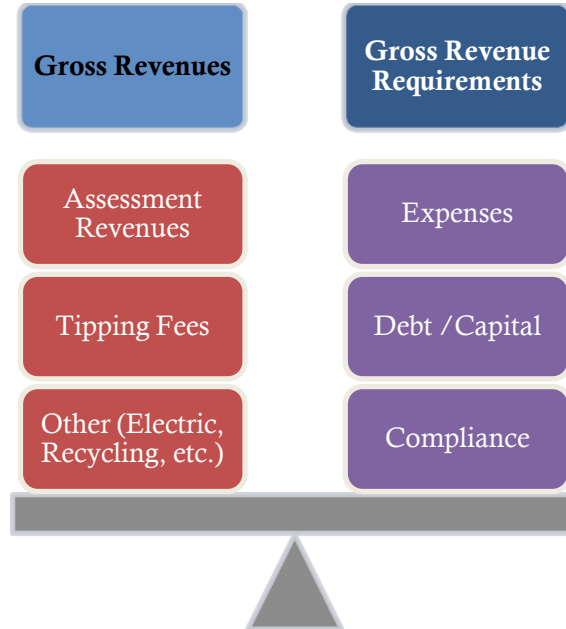
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**Executive Summary**

Raftelis Financial Consultants, Inc. (Raftelis) was tasked with the preparation of a solid waste revenue sufficiency and rate study on behalf of the Lee County (County) Solid Waste Department (Department). The purpose of the study was to: i) prepare a six- (6) year financial forecast of operations to determine the sufficiency of existing disposal and collection fees, and other Department revenues to fund necessary expenditures and fund transfers; and ii) allocate costs to the respective fees for service to identify the level of rates charged for collection and disposal service. The following executive summary is intended to provide a brief overview of the methodology, major findings and observations for the study; however, it is encouraged that the report be read in its entirety.

**REVENUE SUFFICIENCY AND COST OF SERVICE METHODOLOGY**

The foundation of the study and the primary objective of the solid waste rates are to reasonably recover the cost of providing service, cost of infrastructure investment and compliance with covenants of the outstanding bonds and internal fiscal targets (referred to as the "Revenue Sufficiency" evaluation).

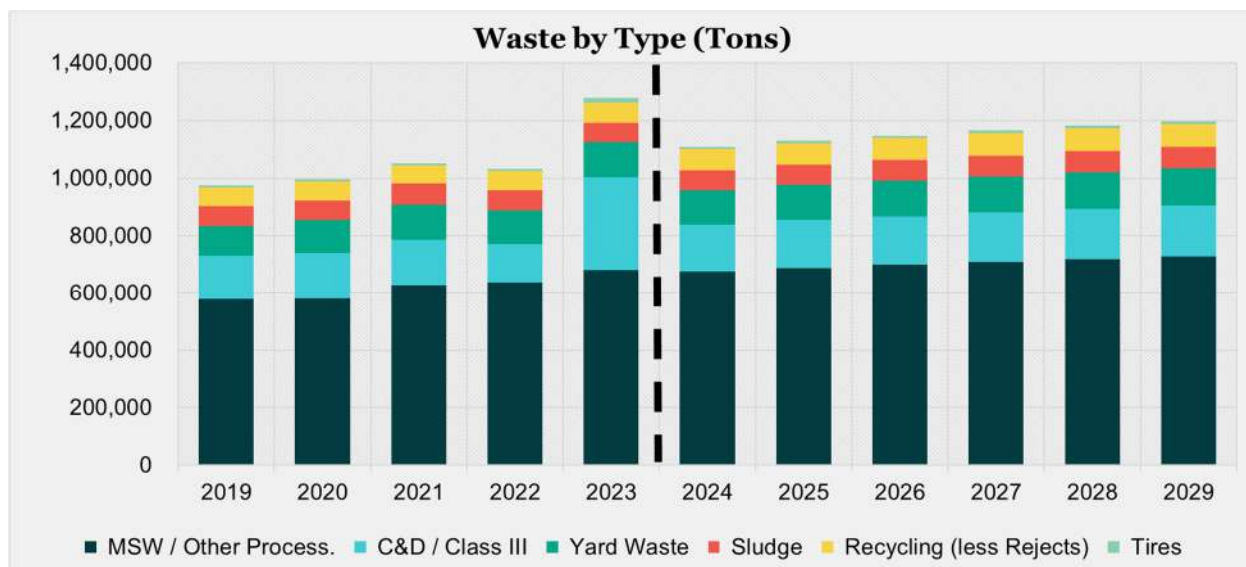


Ensuring adequate cash reserves and appropriate cash flows generally results in a sustainable long-term financial plan that can mitigate the financial and operating risk from unanticipated or sudden events to financial operations (e.g., reduced electric sales, changes in market conditions affecting operations and recovered materials revenues, reduced growth or tonnages, unanticipated or extraordinary outages, unfunded mandates,

etc.). The identified revenue requirements to be funded from rates are then allocated among the respective collection and disposal functions. The allocated costs are then assigned to the respective service and rate (e.g., collection, municipal solid waste [MSW] disposal, construction and demolition [C&D] debris disposal, Class III disposal, tire disposal, etc.) to determine the estimated cost of service and divided by the billing units to determine the rates for service.

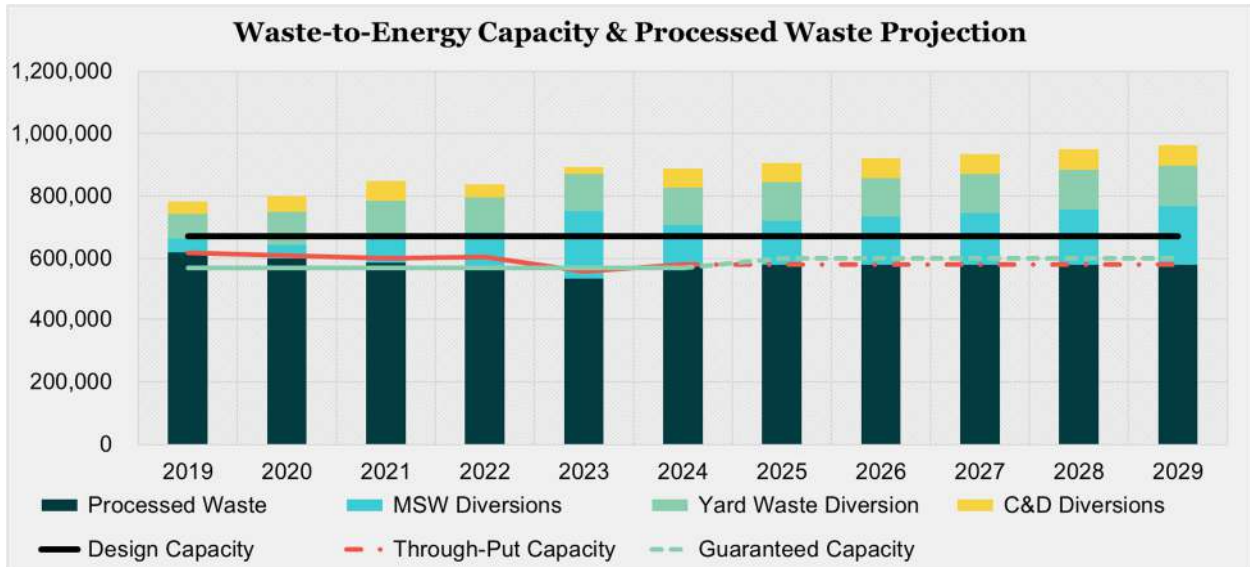
### PRINCIPAL FINDINGS AND OBSERVATIONS

The County provides waste disposal service to approximately 830,000 residents within unincorporated and incorporated areas of the County and processes over 1.2 million tons of waste for the most recently completed Fiscal Year 2023. The chart below provides a recent history and forecast of delivered waste tonnages by type:



Waste deliveries have grown by approximately 19,500 tons per year from Fiscal Years 2019 through 2022 whereas Fiscal Year 2023 saw a significant increase in C&D deliveries due to Hurricane Ian. C&D deliveries were assumed to return to normal by 2025. The trend in growth related to waste deliveries is attributed to a period of economic expansion and increased population growth. The Study anticipates continued growth of approximately 17,500 tons per year for the Fiscal Years 2024 through 2029. The reduced growth rate is conservative for financial planning purposes since it minimizes the dependency on additional revenues from increased tip fees.

To dispose of the waste, the County maintains and operates several facilities including a mass burn waste-to-energy (WTE) facility, materials recovery facility (MRF), C&D debris recycling facility, yard waste / tire processing facilities, a composting facility, a regional landfill, and a household chemical waste facility. The WTE facility is currently the primary method of waste disposal for the County and processes in excess of 610,000 tons annually or approximately 50% of all in-bound processed waste. The chart on the following page indicates the historical and projected utilization of the WTE facility:



The County primarily processes MSW, C&D, yard waste, MRF residuals, and tires at the WTE facility. As shown above, the growth in such waste deliveries is expected to result in growing diversions from the WTE facility to the County’s Lee / Hendry Regional Landfill (the “Lee / Hendry Landfill” or LHLF). The Department is evaluating disposal options and has prepared a strategic master planning study to better assess the latest technologies, options, and alternatives for waste disposal (Master Plan). It is important to note that the financial forecast only assumes investment in the currently budgeted landfill expansions and MRF for capacity expansion. To the extent the County approves other facility expansions or additions identified in the Master Plan (e.g., a new waste-to-energy facility or materials recovery facility), the County should expect rate revenue increases above what is currently identified in this Study. For more information about waste diversions and deliveries to the Lee / Hendry Landfill, please reference Section 5 of this report.

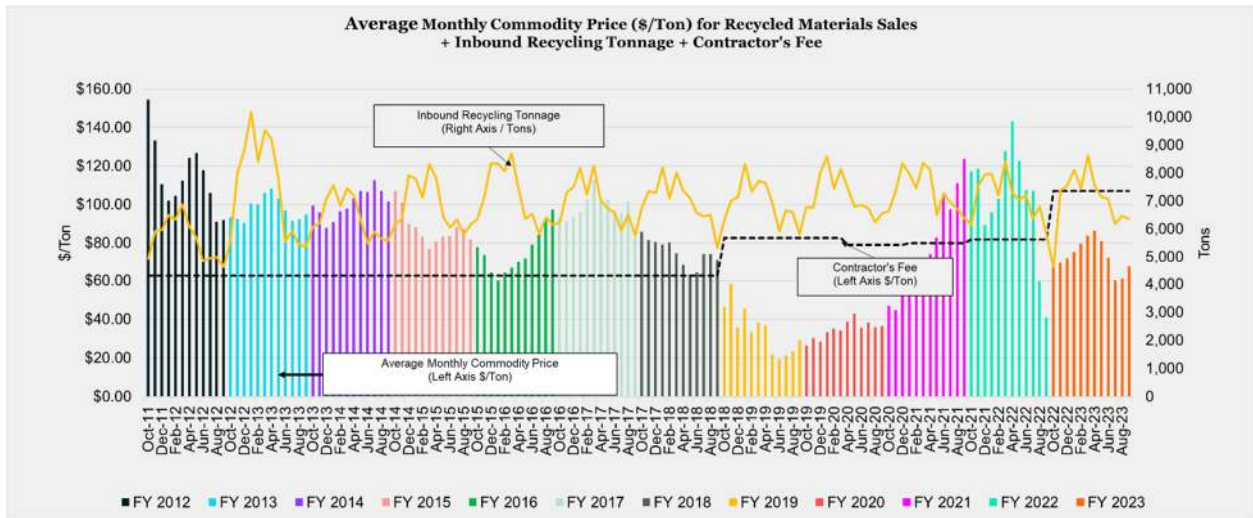
Electricity is generated as a by-product of processing waste at the WTE facility. Historically, the County sold electricity to the Seminole Electric Cooperative Inc. (Seminole Electric) pursuant to an electric power purchase agreement dated August 15, 2008. Effective January 1, 2017, Seminole Electric terminated the electric sale agreement with the County thereby forcing the County to sell electricity to the open market and other investor-owned utilities (IOU)<sup>[1]</sup>. Current market rates per mega-watt hour (MWh) of electricity have fluctuated significantly over the past few years. In Fiscal Year 2022, the County generated approximately \$22.0 million in electric revenue, compared to the prior 5-year annual average of \$8.4 million per year. In the most recent Fiscal Year 2023 the County generated approximately \$11.6 million in electric revenue. It is assumed natural gas prices, which impact market rates for electricity, will return to trend, and revenues for the Forecast Period are assumed to average \$8.9 million per year. While pursuant to federal law the County can sell directly to Florida Power and Light Company, in order to reach a larger market and maximize electric revenue sales, the County entered into a non-firm power purchase, sale, and marketing agreement with Rainbow Energy Marketing Corporation (REMC) effective November 1, 2016. The agreement was subsequently renewed in June 2021 for

[1] PURPA, as amended, requires IOUs to purchase electricity generated by the County’s WTE facility since the facility qualifies as a small renewable energy producer, which is defined as an entity not engaged in the electric business and generates renewable energy from a facility of 80 megawatts or less.



five years with renewal options. The agreement allows REMC to represent the County in the sale of electricity to the open market as well as other IOUs under the Public Utility Regulatory Policies Act of 1978 (PURPA).

Through the County’s various recycling operations including curbside collection, metal separation at the WTE facility, C&D recycling, sale of recoverable materials from household hazardous waste operations (e.g., car batteries, cooking oil, etc.), sale of compost, etc., the County minimizes the amount of waste landfilled, while also generating a revenue stream through the sale of the recovered materials including paper, fiber, plastic, metal, etc. The average value of the material sold has generally been lower than the processing cost since October 2018, resulting in a net cost to the County. The following chart provides detail of the average monthly commodity price change for the sale of curbside recovered recyclables at the MRF:



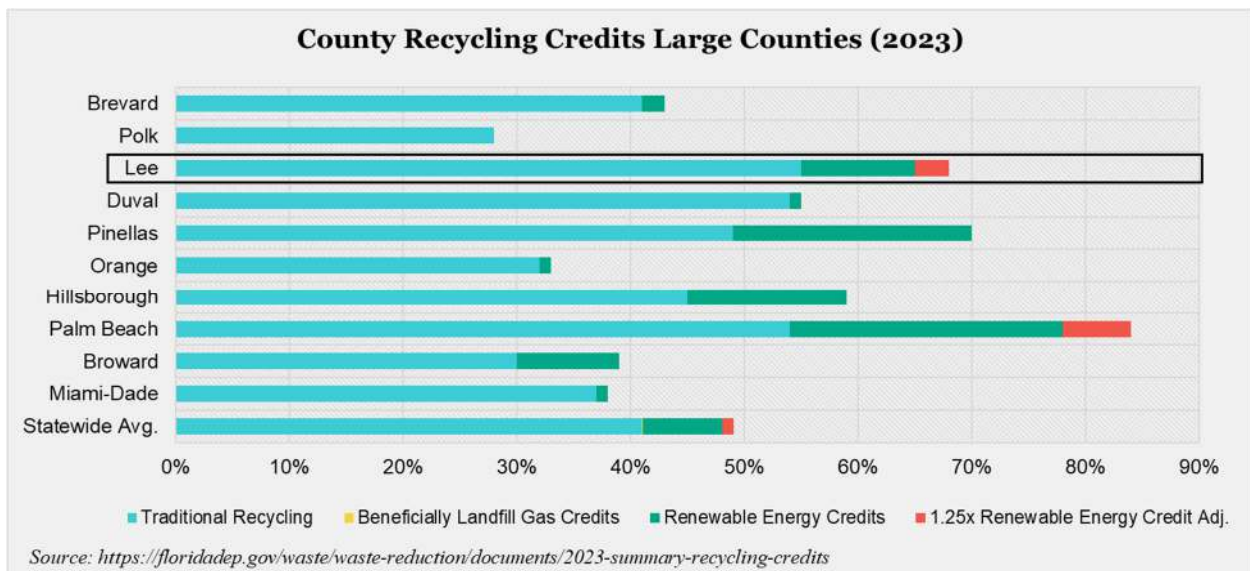
As shown in the prior chart, the County processes on average approximately 7,000 tons per month of curbside recycling, which is marketed and sold by Sims Municipal Recycling of New York, LLC, (Sims). Prior to the Fiscal Year 2019, the average monthly commodity price had been greater than the contractor’s processing fee, which had resulted in a shared net recycling revenue earned by the County. While the average monthly commodity price exceeded the processing fee in portions of Fiscal Year 2021 and 2022, Fiscal Year 2023 resulted in a net cost to the County based on market conditions and contractual increases to the County’s processing fee. It is expected that recycling will continue to result in a net cost to the County through the forecast period. The following table provides additional detail concerning the recent and projected trends in recovered material revenues, as well as other revenues associated with operation of the WTE facility for the financial forecast:

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**Summary of Principal Other Operating Revenues for the Historical and Projected Forecast Period**

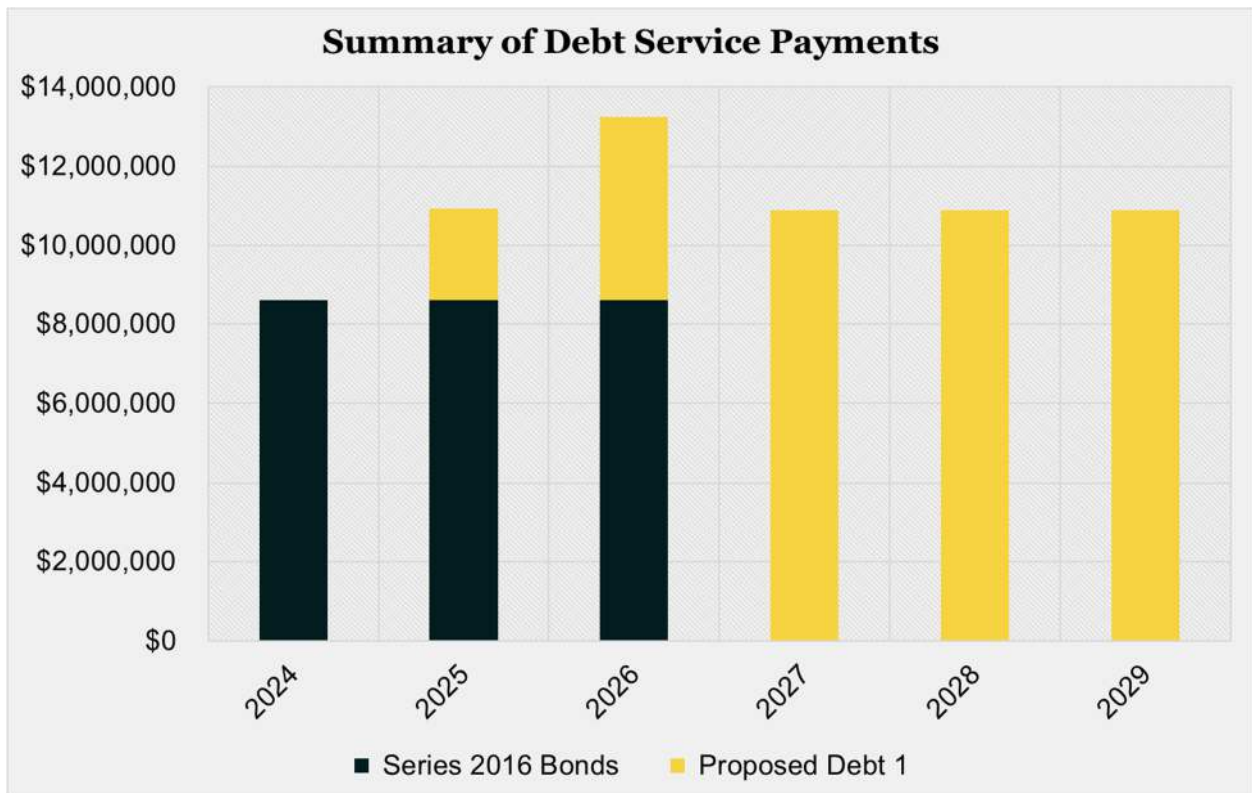
Fiscal Year	Curbside Recycling			Ferrous			Non-Ferrous			Electric		
	Tons	Revenue (\$000s)	\$/Ton	Tons	Revenue (\$000s)	\$/Ton	Tons	Revenue (\$000s)	\$/Ton	Net MWh	Revenue (\$000s)	\$/MWh
2019	83,394	1	0.01	17,048	1,169	68.56	2,738	1,154	421.56	341,461	9,489	27.79
2020	86,379	0	0.00	20,755	1,132	54.56	2,601	307	117.98	320,096	6,093	19.03
2021	80,247	748	9.33	20,366	2,543	124.89	2,126	1,097	515.89	286,305	9,000	31.44
2022	85,805	1,824	21.26	18,986	2,131	112.25	2,079	1,435	690.16	315,893	22,000	69.64
2023	84,546	4,714	55.76	19,645	989	50.33	1,702	1,239	727.77	263,116	11,616	44.15
2024	89,850	5,688	63.31	19,720	986	50.00	2,516	1,258	500.00	298,966	11,062	37.00
2025	91,464	5,794	63.35	19,720	986	50.00	2,516	1,258	500.00	298,918	8,519	28.50
2026	92,803	5,883	63.40	19,720	986	50.00	2,516	1,258	500.00	298,879	8,518	28.50
2027	94,028	5,967	63.46	19,720	986	50.00	2,516	1,258	500.00	298,843	8,517	28.50
2028	95,158	6,045	63.53	19,720	986	50.00	2,516	1,258	500.00	298,810	8,516	28.50
2029	96,195	6,119	63.61	19,720	986	50.00	2,516	1,258	500.00	298,779	8,515	28.50

Beyond investment in recycling-oriented disposal facilities and the challenges associated with increasing net cost of operations, the County invests in public outreach programs and has enacted local regulation to further promote recycling. County Ordinance No. 07-25 requires the mandatory recycling of commercial and multi-family solid waste and C&D debris. The collective measures by the County, residents, and businesses to recycle have helped in meeting compliance with recycling goals for the State pursuant to Florida Statute 403.706(7) (Recycling Regulation). The goal of the Recycling Regulation was to achieve a recycling rate of 75% by the Fiscal Year 2020. In Fiscal Year 2022, the County nearly achieved the goal with an overall recycling rate of 72%, which ranked fourth statewide. The following chart, as reported by the Florida Department of Environmental Protection (FDEP), indicates the overall recycling rates for the top 10 most populated counties in Fiscal Year 2023 (in order from least to most populace counties):



As a component of calculating recycling credits, the FDEP recognizes renewable energy credits for energy produced at WTE facilities or from landfill gas production. The renewable energy credits are adjusted by a 1.25x factor if a county’s traditional recycling credits meet or exceed 50%. The County’s traditional recycling credits were 55% for the Fiscal Year 2023 and therefore earned the 1.25x adjustment. In aggregate, the renewable energy credit with adjustments increased the County’s recycling credits by 13%.

The County issued debt in 2006 primarily to fund an expansion of the WTE facility and to refinance certain outstanding debt at that time to achieve interest rate savings through the issuance of the Solid Waste System Revenue Bonds, Series 2006A (2006A Bonds) and the Solid Waste System Refunding Revenue Bonds, Series 2006B (“2006B Bonds” and, collectively with the 2006A Bonds, “Series 2006 Bonds”). The WTE facility expansion financed by the Series 2006 Bonds increased the waste processing capacity from 1,200 tons per day to 1,836 tons per day. In 2016, the County refinanced the Series 2006A Bonds through the issuance of the Solid Waste System Refunding Revenue Bonds, Series 2016 (AMT) (2016 Bonds). It is assumed the County will utilize a line of credit for fiscal years 2025 and 2026 to fund approximately \$80 million in planned capital projects. Subsequently it is assumed that senior lien bonds will be issued in Fiscal Year 2026 to refund the line of credit and fund the remaining project costs which, in total, equal \$130 million. The senior lien bonds assumption includes a 20-year term, an interest rate of 4.66%, and payments of approximately \$10.9 million by Fiscal Year 2027.



As shown above, the Series 2016 Bonds will be fully repaid by the Fiscal Year 2027 and total debt service payments are estimated at \$10.9 million per year starting in Fiscal Year 2027 through the end of the forecast period.

Finally, the Study assumes an average annual growth in operating expenses at a rate of approximately 3.5% per year above the Fiscal Year 2024 budgeted levels. The increases are primarily due to: i) anticipated increases in the cost of contracted operations and collection as set by agreement (indexing of contract costs is customary in the industry); ii) growth of customers and tonnages within the County; and iii) general inflation in the cost of labor, chemicals, parts and repair, etc. The following table provides an indication of the revenue sufficiency and identified rate adjustments for the Forecast Period:

Disposal Net Revenue Requirements and Revenue Sufficiency (\$000s) [1]						
Description	Projected Fiscal Year Ending September 30,					
	2024	2025	2026	2027	2028	2029
Total Operating and Maintenance Expenses [2]	\$89,842	\$87,843	\$91,568	\$95,278	\$100,502	\$103,962
Annual Debt Service:						
Series 2016 Bonds	\$8,596	\$8,595	\$8,605	\$0	\$0	\$0
Proposed Debt	0	2,345	4,633	10,894	10,894	10,899
Transfers and Capital [3]	\$7,393	\$9,099	\$11,278	\$17,699	\$22,341	\$29,916
Gross Revenue Requirements	\$105,831	\$107,881	\$116,084	\$123,872	\$133,738	\$144,777
Less Income / Funds from Other Sources:						
Investment Income	\$1,018	\$1,167	\$1,068	\$993	\$1,082	\$1,340
Net Electric Revenue	11,062	8,519	8,518	8,517	8,516	8,515
Franchise Fees	2,941	2,990	3,040	3,087	3,133	3,176
WTE Ferrous / Non-ferrous	1,122	1,122	1,122	1,122	1,122	1,122
Miscellaneous Revenue	7,713	7,860	7,992	8,119	8,244	8,365
Compost Sales	196	196	196	196	196	196
Other Revenues [4]	5,301	5,374	5,430	5,487	5,543	5,600
Total	\$29,353	\$27,229	\$27,366	\$27,521	\$27,836	\$28,314
Net Disposal Funding Requirements	\$76,478	\$80,652	\$88,718	\$96,350	\$105,901	\$116,462
Assessment and Tip Fee Revenue – Adopted Rates	\$82,687	\$83,966	\$85,139	\$86,272	\$87,361	\$88,433
Current Period Rate Revenue Adjustments [5]	n/a	6.5%	4.0%	4.0%	4.0%	4.0%
Adjusted Disposal Revenue	\$82,687	\$89,449	\$94,326	\$99,405	\$104,687	\$110,209
Surplus / (Deficiency) [6]	\$6,209	\$8,797	\$5,608	\$3,054	(\$1,215)	(\$6,253)

[1] Amounts shown derived from Table 13 at the end of this report. Totals may vary due to rounding.

[2] Amounts shown include the gross expenses of the system, including the cost of shared or remitted revenues such as, franchise fees collected on behalf of the County and shared electric revenues due to the County's contracted WTE facility operator.

[3] Reflects transfers to the landfill closure fund, transfers to the recycling fund from recovered materials revenues and funding for certain capital equipment identified from the capital program.

[4] Includes revenues from advance disposal fees related to the C&D ordinance, contracted disposal of sludge and other miscellaneous revenues.

[5] Reflects the current period percent increase in disposal revenues.

[6] Reflects assumed transfers to / (from) operating reserves.

As shown in the prior table, the existing disposal revenues are not projected to be sufficient to fund the disposal-related revenue requirements of the System due to increases in the cost of operation, additional debt, and declines in other operating revenues (e.g., electric revenues), which serve to offset the funding requirements of the disposal assessment and fees.

The following table provides an indication of the Collection System revenue sufficiency and identified rate adjustments for the Forecast Period:

Collection Net Revenue Requirements and Revenue Sufficiency (\$000s) [1]						
Description	Projected Fiscal Year Ending September 30,					
	2024	2025	2026	2027	2028	2029
Operation and Maintenance Expenses	\$47,405	\$48,661	\$51,372	\$53,858	\$56,352	\$58,849
Annual Debt Service	0	0	0	0	0	0
Transfers and Capital	0	0	0	0	0	0
Gross Revenue Requirements	\$47,405	\$48,661	\$51,372	\$53,858	\$56,352	\$58,849
Less Income / Funds from Other Sources:						
Investment Income	\$0	\$0	\$0	\$0	\$0	\$0
Contracted Fines [2]	25	25	25	25	25	25
Total	\$25	\$25	\$25	\$25	\$25	\$25
Net Collection Funding Requirements	\$47,380	\$48,636	\$51,347	\$53,833	\$56,327	\$58,824
Collection Assessment Revenue – Existing Rates	\$36,218	\$37,050	\$37,667	\$38,189	\$38,639	\$39,017
Rate Revenue Adjustments [3]	n/a	6.00%	12.00%	12.00%	12.00%	12.00%
Adjusted Collection Revenue	\$36,218	\$39,273	\$44,719	\$50,779	\$57,542	\$65,077
Net Transfers To / (From) Reserves [4]	(\$11,162)	(\$9,363)	(\$6,628)	(\$3,054)	\$1,215	\$6,253

[1] Amounts shown derived from Table 14 at the end of this report. Totals may vary due to rounding.

[2] Reflects minor revenues from fines related to the monitoring of contracted collection.

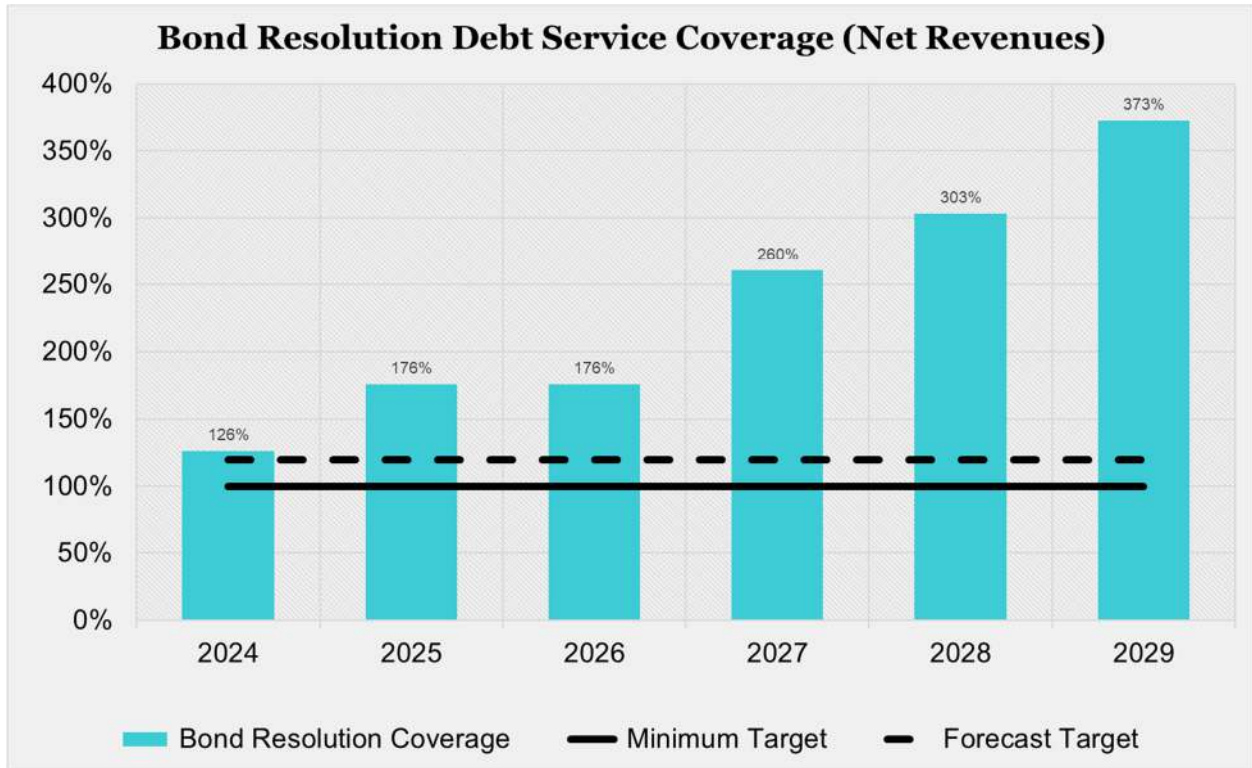
[3] Reflects the current period percent increase in collection revenues.

[4] Reflects assumed transfers to / (from) reserves.

As shown above, the existing collection component of the assessment revenues is projected to be insufficient due increases in the cost of contracted collection. Through Fiscal Year 2027, cash reserves are used to phase-in collection increases while additional rate adjustments beginning with Fiscal Year 2028 reimburse cash reserves and re-establish compliance with the cash reserve targets.

Based on implementation of the identified rate revenue adjustments and recognizing the assumptions made for purposes of this Study, which should be read in its entirety, the Department is expected to maintain compliance with the requirements of Resolution No. 16-08-10 adopted August 16, 2016 (Bond Resolution), which

authorized the issuance of the outstanding bonds. The following chart provides the projected calculation of debt service coverage<sup>[2]</sup> compliance with the rate covenant as delineated in the Bond Resolution:



Prior to the Fiscal Year 2016, the Department had experienced recurring declines in the debt service coverage and resulted in a credit rating downgrade by Moody’s Investor Service (Moody’s) from A3 to Baa1<sup>[3]</sup>. In response, the County adopted a series of rate adjustments over the last several years, which have significantly improved the net revenues of the System. As shown in the chart above and based on the assumptions as delineated in this study, the identified rate revenue increases are projected to produce sufficient Net Revenues, as defined in the Bond Resolution, to generate debt service coverage equal to or above the minimum target for the entire Forecast Period.

The Study assumes targeting overall unrestricted cash reserves equal to 12 months of operating expenses. The target is based on the Moody’s credit surveillance opinion dated December 21, 2015, and subsequent credit analysis updates, which indicate that the Department could face a further credit rating downgrade should debt service coverage fall below 1.0 times and/or unrestricted cash reserves fall below 12 months operating expenses. The following table provides a summary of the projected cash reserves by fund:

[2] The calculation of coverage recognizes Gross Revenues less operating expenses (exclusive of depreciation, amortization or closure expenses) should produce net revenues at least equal to 100% of the annual debt service and required transfers.  
 [3] Moody’s provides the following rankings for investment grade credits from highest to lowest as follows: Aaa, Aa1, Aa2, Aa3, A1, A2, A3, Baa1, Baa2, Baa3.

Projected Ending Fund Balance (\$000s)						
Description	Fiscal Year Ending September 30,					
	2024	2025	2026	2027	2028	2029
Fund 40100 – Operations	\$54,888	\$40,888	\$40,888	\$39,888	\$39,888	\$39,888
Fund 40120 – Subaccount – R&R	5,992	5,992	5,992	5,992	5,992	5,992
Fund 40110 – Subaccount – System Reserve Fund	4,467	3,043	271	5,789	13,618	16,439
Fund 40103 – Rate Stabilization	2,271	0	0	0	0	0
Fund 40106/32 – System Reserve Fund – CIP	91	4,600	4,109	3,508	14,508	27,008
Fund 40107 – Closure Fund	17,542	19,354	21,314	23,376	24,507	26,734
Fund 40162/63/64 – Debt Service – Sinking	8,031	9,388	10,737	7,521	7,623	7,735
Fund 40170/71 – Debt Service – Reserve	7,708	7,708	7,708	0	0	0
Debt Proceeds	0	100,066	61,149	9,872	0	0
<b>Total Projected Available Fund Balances</b>	<b>\$100,990</b>	<b>\$191,038</b>	<b>\$152,168</b>	<b>\$95,945</b>	<b>\$106,135</b>	<b>\$123,796</b>
<b>Cash Reserve Target Compliance:</b>						
Projected Fund Balance Less Restricted Funds [*]	\$85,223	\$73,849	\$72,547	\$78,525	\$98,485	\$116,034
12 Months Operating Expenses	137,247	136,504	142,940	149,137	156,855	162,811
Amount Above or Below Target	(\$52,024)	(\$62,655)	(\$70,393)	(\$70,612)	(\$58,370)	(\$46,777)

[\*] Amounts shown exclude debt-related funds and customer deposits. Although landfill closure reserves are restricted for purposes of this analysis such funds are considered to be available for the needs of the System recognizing that the restriction is established by the Board of County Commissioners action and such funds could be available during times of need or emergency should the Board of County Commissioners unrestricted such funds.

Though cash reserves are below the minimum targeted cash reserves equal to 12 months of operating expenses, the shortfall is expected to improve over time.

For purposes of this analysis and based on discussions with Department staff, Raftelis has assumed certain minimum financial performance metrics based on industry best practices in order to maintain and ultimately improve the creditworthiness of the System. The following provides a summary of the principal minimum financial metrics relied upon in the development of this Study.

1. Net Revenues providing an annual debt service coverage ratio equal to or greater than 1.2x.
2. Operating cash reserves equal to or greater than 150 days of operating expenses to provide the necessary working capital and a hedge against declines in other operating revenues (e.g., electric revenues).
3. Capital cash reserves at the greater of either:
  - a. 6.0% of prior year's reported depreciable assets (e.g., roughly equal to two [2] years of depreciation equivalent); or
  - b. The average annual cost of the identified five- (5) year or 10-year CIP.
4. Landfill closure reserves equal to at least the reported liability for closure plus one year of long-term care costs incurred subsequent to the closure of the landfill.

5. Maximum amount of System outstanding debt to gross revenues ranging from 4.0× to 6.0×.
6. Minimum amount of capital reinvestment to the System equal to five percent of the prior year's Gross Revenues, excluding collection revenues, or as may be determined by the County's consulting engineers.

For additional information concerning compliance with these financial targets, please reference Section 8 of this report. Based on the recommended financial targets, projected cost of revenue requirements and identified rate adjustments, the net system revenue requirements were evaluated relative to the current rate structure comprised of:

- Residential Collection and Disposal Assessments
- Solid Waste System Assessment (i.e., Disposal Facility Assessment and Recycling Assessment)
- Assessed Billing Charge
- Tipping Fees by Type of Waste

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The following table provides a brief summary of the primary residential assessments and tipping fees adopted for the Fiscal Year 2024:

Summary of Historical, Existing, and Proposed Rates			
Description	Historical 2023	Existing 2024	Proposed 2025
<u>Assessments:</u>			
Collection (Avg. Areas 1-5) [1]	\$185.79	\$192.09	\$203.62
Disposal MSW [2]	59.96	63.56	67.37
Disposal Yard Waste [3]	6.62	7.02	7.44
Disposal Facility Assessment Charge [2]	18.61	18.61	19.73
Recycling [4]	11.05	11.05	11.71
Surcharges	0.00	0.00	0.00
Billing Fee	2.45	2.45	2.45
Early Prepayment Gross Up (4%)	11.85	12.28	13.01
Gross Assessment Average for Areas 1-5 [5]	\$296.33	\$307.06	\$325.33
Assessment Paid in February = 1% Discount	\$293.37	\$303.99	\$322.08
Assessment Paid in January = 2% Discount	290.40	300.92	\$318.82
Assessment Paid in December = 3% Discount	287.44	297.85	\$315.57
Assessment Paid in November = 4% Discount	284.48	294.78	\$312.32
<u>Tipping Fees per Ton by Waste Type:</u>			
MSW [6]	\$59.96	\$63.56	\$67.37
Commercial Horticulture / Yard Waste	38.58	39.97	42.37
Residential Horticulture / Yard Waste	31.00	32.86	34.83
C&D	61.72	63.94	67.78
Class III	61.72	63.94	67.78
Tires	160.00	160.00	225.00
Recycling	41.12	41.12	43.59
Surcharges per MSW Ton [6][7]	\$0.00	\$0.00	\$0.00
Disposal Facility Assessment per Ton [8]	\$18.61	\$18.61	\$19.73

Table footnotes on following page.

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*Table footnotes:*

- [1] Amounts shown reflect the average fee charged for the franchise collection areas 1-5.
- [2] County assesses residential customers the MSW disposal and the Disposal Facility Assessment based on the following waste generation assumptions:
- |                  |                  |                  |
|------------------|------------------|------------------|
| FY23 – 1.00 Tons | FY24 – 1.00 Tons | FY25 – 1.00 Tons |
|------------------|------------------|------------------|
- [3] County assesses residential customers the Yard Waste Assessment based on the following waste generation assumptions:
- |                  |                  |                  |
|------------------|------------------|------------------|
| FY23 – 0.17 Tons | FY24 – 0.18 Tons | FY25 – 0.18 Tons |
|------------------|------------------|------------------|
- [4] County assesses residential customers the Recycling Assessment based on the waste generation assumption of 0.27 tons per unit.
- [5] Reflects gross assessments before early prepayment discounts as allowed by Florida Statutes, Chapter 197.
- [6] Unincorporated waste generated by commercial and multi-family customers is charged a gate fee per ton including the addition of the base tipping fee plus applicable surcharges per ton for MSW deliveries. Currently the County does not charge for any surcharges.
- [7] Amounts shown are not charged to municipal customers, with exception to Fort Myers Beach, Bonita Springs, and the Village of Estero for which the County provides collection services and assess any applicable surcharges pursuant to interlocal agreement. Currently the County does not charge for any surcharges.
- [8] Presented for informational purposes only since the disposal facility assessment charge is charged to all customers by assessment and to Hendry County as part of their gate fee.

The bill for residential solid waste collection and disposal is collected by non-ad valorem assessment included on the ad valorem tax bill as allowed by Florida Statutes, Chapter 197, which provides a reliable basis for solid waste services and the ability to lien a property for non-payment. As shown above, the overall residential collection and disposal assessment for unincorporated residents of the County include a mark-up to the calculated fee for the early payment discount that is extended to customers as part of the ad valorem billing process (pursuant to Florida Statutes, customers may elect to receive a discount of up to 4% if they pay all of the charges and taxes included on the ad valorem tax bill prior to the due date of the bill). Therefore, if the full 4% discount is recognized by a property owner (the majority of the property owners elect to pay early and obtain the four percent [4%] discount), the County will collect the full rate for service (after the discount is applied); the mark-up of fees included on the ad valorem tax bill is customary and allows the solid waste enterprise fund to fully collect the fees for service. As shown in the prior table, the residential solid waste charge for collection and disposal services is expected to increase on average by approximately \$18.27 or \$1.52 per month for the Fiscal Year 2024. Disposal cost increases for residential customers within municipalities (excluding residents of the City of Bonita Springs, the Town of Fort Myers Beach, and the Village of Estero) served by the County may see their annual charges increase (excludes collection increases) by approximately \$6.01<sup>[4]</sup> a year or \$0.50 per month. The following table provides a summary of comparable fees charged by other Florida counties for collection and disposal service to the existing and adopted fees for the County:

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[4] Note that residential customers within municipalities are responsible for collection services within their boundaries and pay a separate charge for collection directly to the municipality. Amounts shown reflect only the estimated increase in cost to the average residential customer if they were to pay the County's MSW and yard waste tipping fee and the assumed Solid Waste Assessment charge per ton of delivered waste. Actual impacts to residential customers may vary due to fee application through MSTU or assessment.

**Solid Waste Fee Comparison with Other Florida Systems**

Description	Residential Assessment			Tipping Fees			
	Collection	Disposal	Total	MSW	C&D	Yard Waste	Tires
Lee County – Existing [1][2]	\$187.60 – \$205.52	\$102.69	\$294.52 – \$320.77	\$63.56	\$63.94	\$39.97	\$160.00
Lee County – FY25 [1][2]	\$203.62	\$108.70	\$325.33	\$67.37	\$67.78	\$42.37	\$225.00
<b>Other Systems with Waste-to-Energy Facilities:</b>							
Broward County [3]	N/A	N/A	\$487.00	\$65.00	\$65.00	\$50.00	\$130.00
Hillsborough County [4]	\$284.88	\$152.63	\$437.51	\$104.60	\$77.48	\$48.11	\$186.25
Miami-Dade County [5]	N/A	N/A	\$509.00	\$107.80	\$107.80	\$107.80	\$140.00
Palm Beach County [4]	\$194.00 – \$371.00	\$188.00	\$382.00 – \$559.00	\$42.00	\$65.00	\$35.00	\$100.00
Pasco County [4]	N/A	N/A	\$327.48	\$91.25	\$91.25	\$91.25	\$200.00
Pinellas County [4]	N/A	N/A	\$216.00	\$51.00	\$51.00	\$51.00	\$150.00
City of Tampa [4]	N/A	N/A	\$418.92	\$71.00	\$51.00	\$71.00	\$121.00
<b>Systems without Waste-to-Energy Facilities:</b>							
Charlotte County [2]	N/A	N/A	\$292.28	\$39.28	\$39.28	\$39.28	\$125.46
Collier County [4]	N/A	N/A	\$249.29	\$86.91	\$96.52	\$57.48	\$235.74
Hernando County [4]	\$194.88	\$94.91	\$289.79	\$60.50	\$76.00	\$54.50	\$150.00
Manatee County [4]	N/A	N/A	\$283.80	\$40.00	\$61.00	\$40.00	\$86.00
Polk County [2]	\$144.50	\$62.00	\$206.50	\$36.50	\$36.50	\$22.00	\$300.00
Sarasota County [2]	N/A	N/A	\$233.59	\$59.08	\$58.19	\$46.05	\$290.61
Other System Averages	\$229.43	\$99.51	\$373.62	\$64.67	\$66.18	\$54.57	\$169.12

- [1] Amounts shown for the residential assessment reflect the gross assessment before early prepayment discounts. The billing charge is included as a component of the residential disposal assessment.
- [2] Denotes residential collection service at one day per week for garbage, recycling, and yard waste collection.
- [3] Broward County residential collection includes two days per week for garbage collection, one day per week for recycling collection and one day per month yard waste collection.
- [4] Denotes residential collection service at two days per week for garbage collection and one day per week for recycling and yard waste collection. Note garbage collection service in Pinellas County is for one or two days per week depending on location.
- [5] Miami-Dade County residential collection service includes two days per week for garbage / yard waste collection and one day every other week for recycling collection.

As shown above, the proposed rates for the Fiscal Year 2025 are projected to remain comparable to the average charged by the other surveyed counties for similar solid waste service. A number of the surveyed local governments are likely also implementing rate increases for Fiscal Year 2025.

**SUMMARY OF FINDINGS**

Based on the findings of this study the following observations are provided for consideration by the BOCC and County administration:

1. The existing disposal and collection fees for service are projected to be insufficient to fund the identified funding requirements of the System and it is recommended that the BOCC implement the adopted rates for Fiscal Year 2025.

2. The County should adjust the collection assessment to fully recover the costs of the franchise collection costs and associated disposal costs by implementing the proposed rate increases for the Forecast Period.
3. Recognizing the uncertainty surrounding changes in market conditions and the timing of the need for additional disposal capacity, staff should continue to closely monitor and perform annual financial projections to assess the sufficiency of System revenues to meet the expenditure needs of the System and for compliance with the rate covenants and flow of funds requirements delineated in the Bond Resolution and need for additional rate adjustments; and
4. The County should regularly review and update the financial plan to evaluate trends in service area growth, solid waste elements, costs, and capital reinvestment and financing to ensure compliance with the Rate Covenants contained in the Bond Resolution, promote the overall creditworthiness of the System and limit financial risk, and provide for long-term rate sustainability.

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**Summary of Proposed Fiscal Year 2025 Rates**

Description	Proposed 2025
<u>Assessments:</u>	
Collection (Avg. Areas 1-5) [1]	\$203.62
Disposal MSW [2]	67.37
Disposal Yard Waste [3]	7.44
Disposal Facility Assessment Charge [2]	19.73
Recycling [4]	11.71
Surcharges	0.00
Billing Fee	2.45
Early Prepayment Gross Up (4%)	13.01
<b>Gross Assessment Average for Areas 1-5 [5]</b>	<b>\$325.33</b>

<u>Tipping Fees per Ton by Waste Type:</u>	
MSW [6]	\$67.37
Commercial Horticulture / Yard Waste	42.37
Residential Horticulture / Yard Waste	34.83
C&D	67.78
Class III	67.78
Tires	225.00
Recycling	43.59
Surcharges per MSW Ton [6]	\$0.00
Disposal Facility Assessment per Ton	\$19.73

- [1] Amounts shown reflect the average fee charged for the franchise collection areas 1-5.
- [2] County will assess residential customers the MSW disposal and the Disposal Facility Assessment based on the waste generation assumption of 1.0 ton of waste per unit.
- [3] County will assess residential customers the Yard Waste Assessment based on the waste generation assumption of 0.18 tons per unit.
- [4] County will assess residential customers the Recycling Assessment based on the waste generation assumption of 0.27 tons per unit.
- [5] Reflects gross assessments before early prepayment discounts as allowed by Florida Statutes, Chapter 197.
- [6] Unincorporated waste generated by commercial and multi-family customers is charged a gate fee per ton including the addition of the base tipping fee plus applicable surcharges per ton for MSW deliveries. Currently the County does not charge for any surcharges.

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## LEE COUNTY, FLORIDA

### SOLID WASTE REVENUE SUFFICIENCY AND COST OF SERVICE STUDY

---

## Introduction

On behalf of the Lee County Solid Waste Department (Department), Raftelis Financial Consultants, Inc. (Raftelis) was tasked with the preparation of a six- (6) year revenue sufficiency and rate study of the integrated solid waste management system (System) encompassing the Fiscal Year 2024 beginning October 1, 2023 (the current budget year) through Fiscal Year 2029 ending September 30, 2029 (Forecast Period). Specifically, Raftelis was tasked with:

- Updating the financial forecast model to analyze the financial and business activities of the Solid Waste Enterprise Fund, including evaluating anticipated changes over-time to the following components of the enterprise operations:
  - Growth or declines in assessed units and waste tonnage deliveries by customer type, category of waste and disposal facility.
  - Capacity utilization of the County's disposal facilities.
  - Inflation of expenses or changes in System operations affecting costs.
  - Contractual operating expenses and shared revenues.
  - Long-term liabilities for landfill closure and post-closure costs.
  - Capital funding requirements and issuance of additional debt.
  - Cash reserves and investment income recognized by fund type and purpose (e.g., operating versus capital funds).
  - Compliance requirements of the System, including financial assurance requirements of the Florida Statutes from landfill closure and the rate covenants associated with the outstanding debt.
- Evaluation of the System's overall financial position and recommended financial management policy.

This report provides a summary of the recent trends, study methodology, principal assumptions, findings, and an overview of the projected financial position of the Department.

## Section 1: General Overview

The Department is responsible for the disposal of solid waste for approximately 830,000 residents throughout the County and contractually responsible for disposal of waste deliveries from Hendry County associated with

the shared Lee / Hendry Regional Solid Waste Disposal Facility (the “Lee / Hendry Landfill” or LHLF). The Department typically processes approximately one million tons of solid waste annually comprised primarily of: i) garbage or Class I waste (also referred to as MSW); ii) horticulture or yard waste; iii) single-stream recycling; iv) Class III waste (i.e., waste that does not leach) and construction and demolition debris; and v) biosolids or sludge from wastewater treatment plant operations.

## FACILITIES

The County has received numerous awards and recognition for the System’s facilities and staff operations which represent both a significant achievement and investment made by the County and staff. The operations and facilities for the County are oriented towards minimizing landfilling of waste and promoting recycling. For the Fiscal Year 2023, the County achieved a recycling rate of 68%, which ranks fifth statewide. To achieve the rate of recycling, the County provides once a week residential single-stream recycling collection, receives renewable energy credits for waste disposal at the waste-to-energy facility, and has adopted ordinances which require mandatory recycling for commercial and multi-family residential waste, as well as mandatory recycling of C&D wastes. The following section provides an overview of the primary disposal facilities.

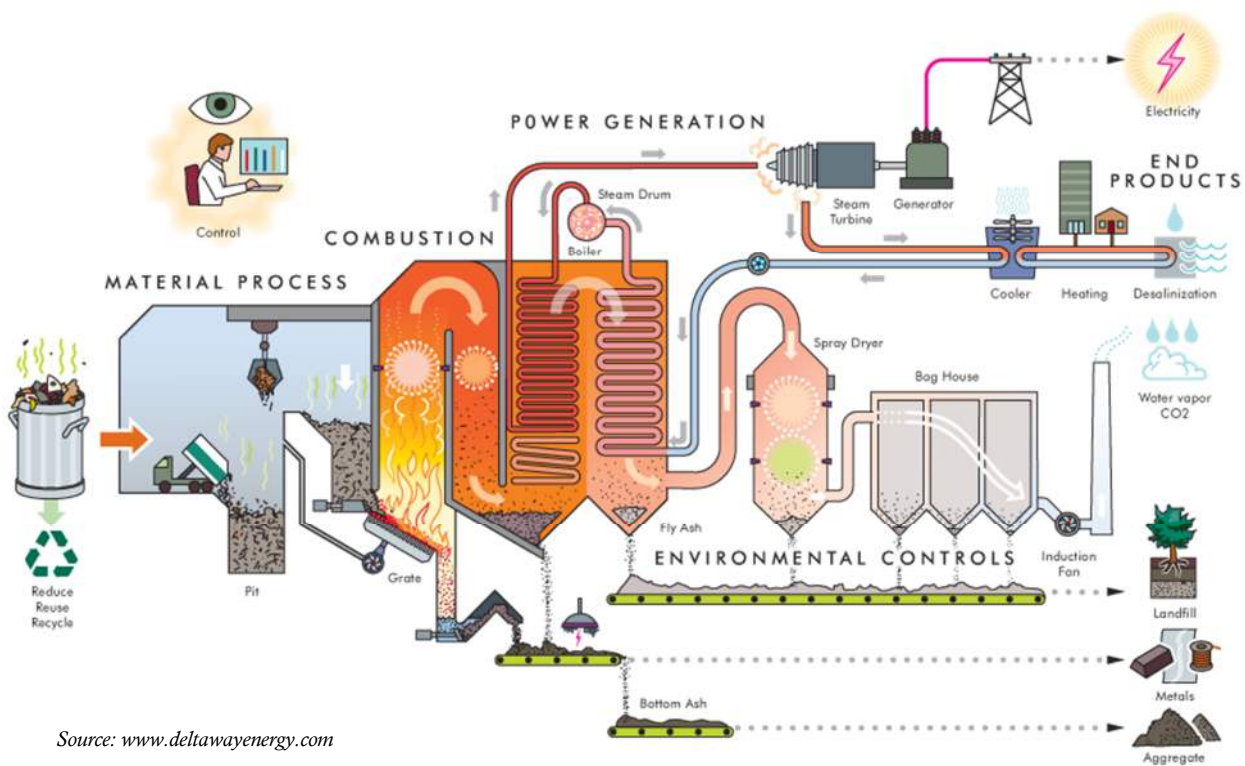


*The Buckingham Campus shown above provides synergies for the integrated solid waste management system and includes the collocated WTE, MRF, C&D Recycling, MSW transfer station (not pictured), fleet maintenance, tire and yard waste processing facilities. Not shown are the County’s other disposal facilities including: Lee / Hendry Landfill, compost facility, household chemical waste, and Hendry County transfer stations.*

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## Waste-to-Energy (WTE) Facility

The County's WTE facility is the primary means of disposal for all inbound waste. During the Fiscal Year 2023, the County burned approximately 532,000 tons of waste or approximately 50% of the total inbound waste delivered. Waste burned at the WTE facility is referred to as processable waste and is primarily comprised of MSW, yard waste, residuals from residential and C&D recycling programs, and some tire waste. Burning waste produces approximately 535 kWh (kilowatt-hours) of net electricity per ton on average, while reducing the total volume and weight of MSW by 90% and 75%, respectively. This means burning 30 tons of waste results in enough electricity to power a typical residential home in Florida for one year and producing a dense ash by-product that weighs approximately 7.5 tons but has the same volume as only 3 tons of MSW. The following diagram provides an overview of a typical WTE facility operation:



Source: [www.deltawayenergy.com](http://www.deltawayenergy.com)

In addition to the production of electricity and significant reduction in the volume of waste landfilled, the WTE also recovers ferrous and non-ferrous metals which are sold and recycled to help offset the cost of operation. The Florida Department of Environmental Protection (FDEP) provides a recycling credit for each MWh of energy production equal to one ton of recycling waste. For the Fiscal Year 2023, the County generated a gross electrical production of 0.60 MWh (megawatt-hours) per ton processed resulting in a 0.60 recycling credit for every ton burned. It should be noted that if the County achieves a traditional recycling rate above 50% (excluding waste burned at the WTE), which it did in Fiscal Year 2023, the credit for electrical production is equal to 1.25 tons per MWh of energy production.

The facility operates seven (7) days a week and 24 hours per day through a contractual agreement with Covanta Lee Inc. (Covanta). The agreement was amended in 2006 for the expansion of the current WTE from 1,200



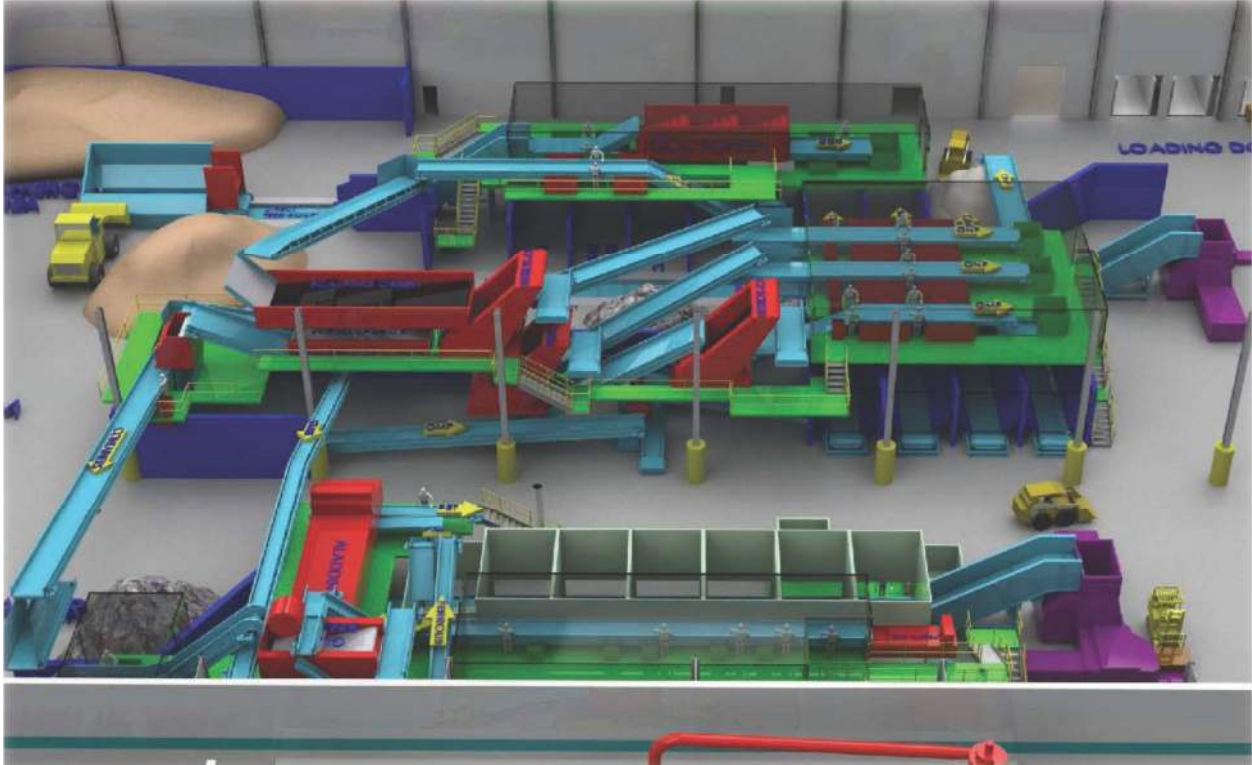
tons per day to the full design capacity of 1,836 tons per day. The expansion was primarily funded by the issuance of the Series 2006 Bonds. The agreement with Covanta was originally valid through November 30, 2024 but was amended to extend through November 30, 2031. It identifies, among other things, that: i) a minimum amount of waste must be delivered by the County (Guaranteed Tonnage) and processed by Covanta (Process Guarantee). The Process Guarantee by Covanta is equal to 569,619 tons annually (assuming no uncontrollable events impairing operations) and will be increased to 600,000 in Fiscal Year 2025. The Guaranteed Tonnage is established annually by written notification from the County to Covanta 90 days prior to the start of the subsequent Billing Year and must be less than or equal to the Process Guarantee; ii) Covanta is contractually responsible for the operation, maintenance, renewal and replacement of the facility and has certain performance guarantees related to the use of energy, materials and supplies required for the operation of the WTE facility; and iii) Payment to Covanta is primarily comprised of an increasing service fee based on the amount of waste processed plus revenue sharing provisions equal to 10% of electrical energy sold and 50% of any ferrous and non-ferrous metal sales.

Recognizing the WTE facility is the primary means of disposal for the County it is important to note the associated risks to operations. A primary concern of operation is related to a prolonged failure of equipment due to an uncontrolled circumstance or other event impairing the function of the facility, which would result in the lack of electrical production and/or inability to process waste at the WTE. The County can divert waste to the Lee / Hendry Landfill under such circumstances but would increase the cost of disposal associated with transport and disposal, which was estimated at approximately \$31 per ton pursuant to a March 2013 memorandum by the Department's then legal counsel, R. Stuart Broom (Broom Memo). Pursuant to the Broom Memo, a similar event occurred at the Stanislaus Resources Recovery Facility in California in late 2011 from a failure of the generator resulting in a lack of electrical generation for an 11-month period. For reference, the County generated approximately \$10.3 million in net electric revenue sales for the Fiscal Year 2023, much higher than recent years to the increased cost of natural gas. Other risks identified in the Broom Memo include the contractual obligation to pay Covanta for the guaranteed waste deliveries, as well as a loss of parasitic electrical production from a loss in operation of the generators at the WTE facility requiring the purchase of electricity and gas for the continued burning of waste. As a result, it is important that the County maintain adequate reserves to provide financial margins to account for the potential catastrophic or uncontrollable prolonged facility outages. Recommendations concerning Department reserves are discussed in more detail in subsequent sections to this report.

### **Material Recovery Facility (MRF)**

The County's MRF is collocated with the WTE at Buckingham Campus and is responsible for the processing of all the County's single-stream recycling materials, which have averaged approximately 84,000 tons for the last five years. The MRF operates using electricity produced by the WTE facility. During processing, not all materials can be recycled resulting in residuals that are routed to the WTE facility to be burned. The MRF recycling residuals have approximately 20% of total inbound recycling materials over the last five years. The FDEP provides credits for every ton of recycled waste. The following illustration provides an overview of the facility equipment and sorting stations.

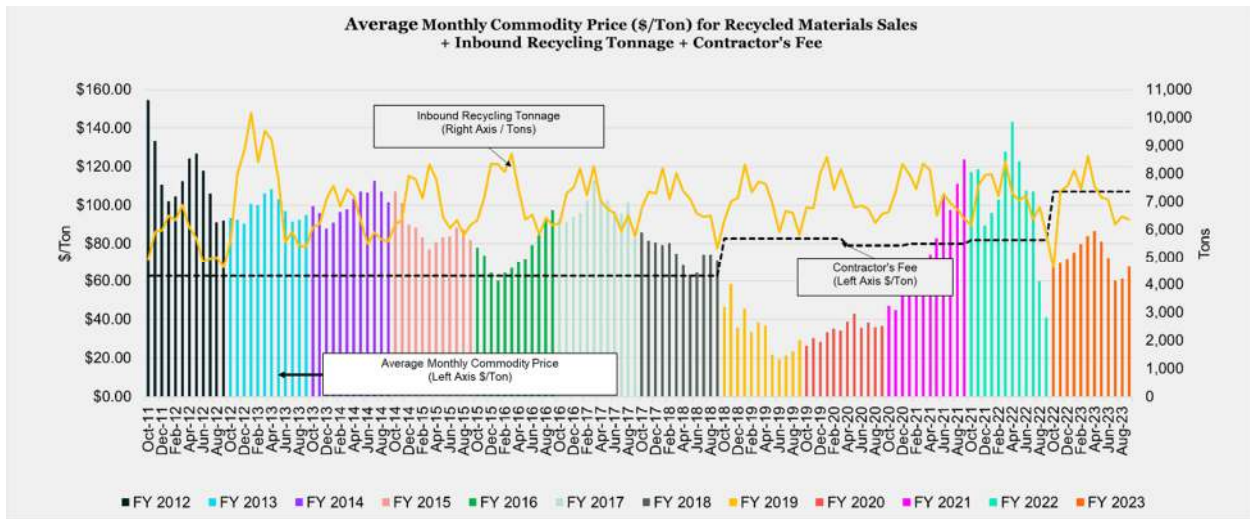
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The processing facility is equipped with an electronically controlled conveyor belt, an optical sorter, several screens, and magnets that sort the recyclable material by product. The MRF can process up to 30 tons of recyclable material per hour.

Operations for the County's MRF is contractually provided by Sims Municipal Recycling of New York, LLC (Sims) and are responsible for the processing, recycling, marketing, and sale of recycled materials. The agreement with Sims includes a five- (5) year term, which became effective October 1, 2022 and expires September 30, 2027. The contract allows for two renewal terms which total five (5) years. Pursuant to the service agreement, the contractor is paid a processing fee for each ton processed, which is netted against the revenue from the sale of recyclables. The County shares in any revenue generated from the sale of recyclables above the contractor's fee with 75% of such revenues allocable to the County and 25% to the contractor. The chart below provides an illustration of the recent values for recycled materials relative to the contract price.

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As shown above, when the average monthly commodity price (shown as bars) falls below the contractor’s fee (shown as dotted line), the County does not share in any revenues from the sale of recovered materials. During the Fiscal Year 2011 the County reported approximately \$3.0 million in revenue, however recycling has generally been a net expense since Fiscal Year 2019, with brief periods of favorable commodity prices in part of Fiscal Year 2021 and 2022. During the recently completed Fiscal Year 2023, recycling processing fees have exceeded commodity pricing resulting in a net cost to the County. For purposes of this Study, no net recycling revenues derived from the sale of recovered materials is assumed during the Forecast Period, however, should the County generate any such revenue, such amounts could be used to fund additional future capital needs.

### Construction and Demolition Debris (C&D) Recycling Facility

The County’s C&D recycling facility is collocated with the WTE and MRF facilities at the Buckingham Campus and is responsible for the recycling of delivered Class III and C&D materials, which have averaged approximately 186,000 tons over the last five years. Of the processed waste in Fiscal Year 2023 approximately 41,500 tons were reported as recovered and recycled or repurposed as a landfill amendment for drainage or road maintenance. The C&D recycling facility provides a benefit to the County by way of increasing the recycling rate of waste and consequently reducing the amount of landfilled waste.

The C&D recycling facility is owned and operated by the County and incorporates mechanical separation and manual separation of materials. The following illustration provides a photograph of the initial mechanical separation of C&D materials:

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*Lee County C&D Debris Recycling Facility shown above. The following link provides a demonstration of the facility in operation:  
[www.youtube.com/watch?v=P4XYX1pvt2Q](http://www.youtube.com/watch?v=P4XYX1pvt2Q)*

### **Lee / Hendry Regional Landfill**

The Lee / Hendry Regional Landfill was constructed and placed in service to support the disposal of waste associated with operation of the System. It is located in Hendry County in close proximity to the County and State Road 82. Over the last five (5) years the Lee / Hendry Landfill primarily disposed of inert ash produced by the WTE facility averaging approximately 144,000 tons annually, C&D and Class III waste of approximately 127,000 tons annually, approximately 100,000 tons of MSW, and minor amounts of sludge not used for composting. It should be noted that due to the growth in waste deliveries and capacity limitations at the WTE facility, MSW deliveries to the Lee / Hendry Landfill have increased. The following provides an overview of the facility:

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*The Lee / Hendry Regional Landfill shown above includes an ash monofill, Class I and Class III landfill sites, leachate management and deep injection well, and the County's composting facility.*

The Lee / Hendry Landfill primary disposal sites include:

- Ash Monofill: Permitted capacity utilization = 55%
- Class III: Permitted capacity utilization = 70%
- Class I: Permitted capacity utilization = 26%

The County entered into an interlocal agreement with Hendry County whereby the County is required to receive and dispose of waste generated by residents and businesses within Hendry County. In addition, the County is responsible for the operation and maintenance of two transfer stations located in Hendry County to receive and transfer waste to the County's disposal facilities. Only waste generated within Lee and Hendry Counties may be landfilled at the Lee / Hendry Landfill. As a condition of securing landowner support from adjacent properties for the development of the Lee / Hendry Landfill, the County entered into a separate agreement (Hendry Landowner Agreement), which provided for, among other things, limitations on the landfill height, runoff mitigation / setbacks and landfill use being primarily for the disposal of ash and minimal disposal of MSW.

### **Composting Facility**

The County owns and operates a composting facility at the Lee / Hendry Landfill (shown in the photograph below), which receives approximately 29,000 tons of mulched yard waste and approximately 61,000 tons of sludge to produce over 27,000 tons of compost annually on average. The compost is primarily sold in bulk to local landowners for agricultural uses (e.g., orange groves, etc.). The remaining compost is sold to retail customers in bags or by cubic yard and ton at the County's facilities.



The County's composting facility utilizes specialized equipment, shown above, to periodically turn the mulch and sludge amendment to reduce heat buildup from bacteriological decomposition to produce compost more efficiently for resale. Link for brief demonstration: <https://youtu.be/szRFHoycAIO>

## Section 2: Enterprise Fund and Revenue Sufficiency Methodology

The Department operates and is established as an enterprise fund. As such, the enterprise fund must have revenues equal to the cost of services provided by the System and the County must establish rates sufficient to cover the cost of operating, maintaining, repairing and financing the System.

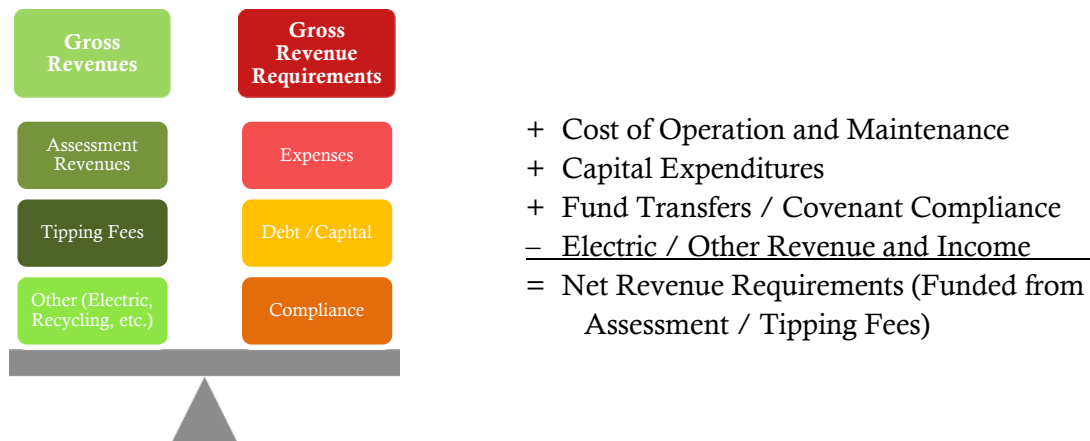
According to the Governmental Accounting Standards Board:

*“Enterprise Funds should be used to account for operations that are financed and operated in a manner similar to private business enterprises – where the intent of the governing body is that costs of providing services to the general public on a continuing basis be financed or recovered primarily through user charges.”*

The Department has historically maintained a positive financial position and annually reevaluates the sufficiency of rate / fee revenues through the budgetary and residential assessment setting procedures. The management within the Department is also responsible for evaluation of monthly financial and operating statistics. In order to evaluate the existing and forecasted financial position of the System the following methodology was recognized:

1. An evaluation of the service area requirements for the Department was reviewed. This included an analysis of the recent historical trends in customers served and waste generation tonnage statistics in order to provide: i) a representative forecast of System needs from a financial standpoint; and ii) a projection of rate revenues consistent with the projected service area needs.

2. Collection and disposal service-related costs were independently evaluated in order to determine the sufficiency of the respective collection and disposal fees for services. A revenue and cost allocation review was performed by budgetary line item and reviewed with staff.
3. A projection of the Net Revenue Requirements funded from disposal fees was analyzed utilizing the following approach:



4. Included as a component of Net Revenue Requirements was the development of a funding plan for the System capital equipment and facility improvements. The funding of these capital expenditures recognized the use of available cash reserves or user fees. Additional debt was assumed to aid in financing new facilities during the Forecast Period.
5. The cash position of the System was evaluated and taken into consideration through the identification of targeted minimum ending cash balances in order to adequately reserve working capital balances for operational risks (e.g., electrical production outages, changes in market values of recyclables, etc.) and provide funds for financing future capital needs of the System.
6. Estimate the necessary annual System rate adjustments that would be required to fund the Net Revenue Requirements and meet the overall financial needs of the System.

### Section 3: Agreements

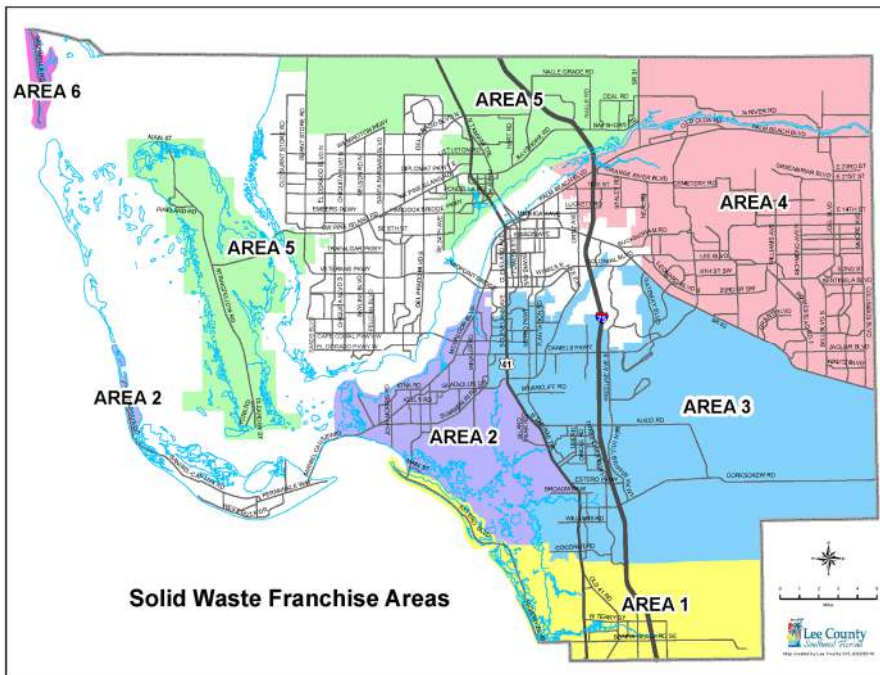
Approximately 78% of the operating expenses of the System are related to payments to private providers for contractual operations or contracted services. In addition, the County generates a significant portion of revenues through contractual agreements including municipal interlocal agreements for waste disposal and from electrical sales agreements with Rainbow Energy Marketing Corporation. This section provides a brief overview of the principal agreements affecting operations for the County.

## CONTRACT OPERATIONS

The principal contractual operating expenses are associated with the solid waste collection services and operations of the various disposal facilities of the System. The following agreements are discussed in order of greater to lesser cost of operation to the System:

### Franchised Collection Services

Franchised collection services represented approximately \$47.4 million or 34% of total operating expenses of the System in Fiscal Year 2024. The County has contracted with several waste haulers to collect and dispose of waste for the following six franchised collection areas:



Area 1 – Incorporated: South / Bonita Springs, Fort Myers Beach, Village of Estero

Area 2 – Unincorporated: Southwest / Captiva, Iona, McGregor

Area 2 – Incorporated: Village of Estero

Area 3 – Unincorporated: Southeast / San Carlos

Area 3 – Incorporated: Village of Estero

Area 4 – Unincorporated: Northeast / Leigh Acres, Alva

Area 5 – Unincorporated: Northwest / Pine Island, North Fort Myers

Area 6 – Unincorporated: Northwest / Boca Grande

Collection services include automated collection and are serviced by two private hauling providers, Waste Management and Waste Pro. Collection services include weekly garbage, yard waste, and recycling collection for single-family residences. Commercial and multi-family customers may contract directly with franchised haulers for service. With exception to commercial and multi-family customers, the County pays the franchise haulers on a monthly basis for collection services. To recover the cost of collection from residents, the County charges an annual collection assessment that varies by service area. Each franchise area is charged an established rate per residential unit, which may be indexed annually. To administer the collection program, the County charges the franchise haulers a franchise fee at 4.0% of the haulers' total collection revenues. Franchise fee collections within the City of Bonita Springs, the Town of Fort Myers Beach, and the Village of Estero are remitted from the County to the respective municipalities. To recover the cost of collection from residents, the County in turn charges an annual collection assessment that varies by service area.

It should be noted that due to the location of approximately 1,220 residences in Boca Grande (Area 6), located on Gasparilla Island, the County has entered into an interlocal agreement with Charlotte County to dispose of collected waste in Boca Grande at the Charlotte County disposal facilities.



## Waste-to-Energy Facility (WTE) Operations

Contract operations for the WTE represent a net cost of approximately \$33.0 million (gross expense before revenue sharing = \$35.2 million) or 24% of total operating expenses of the System. The County entered into an agreement with Covanta Lee, Inc. dated January 31, 2006. The agreement is valid through November 30, 2024 and has been amended to extend through November 30, 2031. Covanta is responsible for the operation, maintenance, and repair of the WTE, with exception to repairs related to uncontrollable circumstances such as hurricanes, flooding, etc.

The agreement provides for certain performance guarantees on behalf of both parties. The County is responsible for providing a minimum amount of processable waste, defined as the Guaranteed Tonnage, which is 569,619 tons (i.e., 85% of WTE design capacity). Starting in Fiscal Year 2025 the Guaranteed tonnage will be 600,000 tons. Covanta has a responsibility to process the tonnage delivered up to the Processing Guarantee as defined by agreement. Covanta also has a maximum performance guarantee on the use of certain materials and supplies used in the burning and generation of electricity.

Pursuant to Section 6.01 of the agreement, Covanta is compensated based on the following formula:

$$\text{Service Fee} = \text{OM} + \text{ETF} + \text{PT} + \text{EC} - \text{RRR} - \text{LC} +/- \text{MD} +/- \text{MA}$$

Below is a description of the service fee components.

- OM = Operation and Maintenance Charge represents a base fee of \$26.1 million for a Process Guarantee of 569,619 during the Fiscal Year 2023, which includes annual allowances for increases to the OM charges for inflation.
- ETF = Excess Tonnage Fee represents an additional charge per ton of processed waste above the Processing Guarantee of 569,619 to incentivize the additional processing of waste by Covanta. The fee varies based on if the tonnage above the Process Guarantee is below or exceeds 90% Availability of the WTE facility. There was no ETF charges in Fiscal Year 2023.
- PT = Pass Through Costs represents costs associated with operation of the WTE including electric, water, sewer, reclaimed, taxes, insurance, environmental testing, etc. Beginning in the Fiscal Year 2017, the purchase of chemicals is included as a PT cost. Such amounts are based on actual costs exclusive of any markup for profit and were approximately \$5.2 million for the Fiscal Year 2023.
- EC = Energy Credit represents sharing in the electric sales revenues generated from the operation of the WTE at 10% of the net electric revenues. The EC was approximately \$1.2 million for the Fiscal Year 2023. The shared revenue is deducted from the County's charges.
- RRR = Recovered Resources Revenues representing the sharing in the recovered material sales (i.e., sale of recovered ferrous and non-ferrous metal scrap) revenues generated from the operation of the WTE at 50% of the gross sales revenues. Covanta handles marketing and sales of the metals and provides an offset to the County's bill. The County recently upgraded the metal recovery equipment through an improvement to the magnet, which is expected to improve metal recovery separation from

wasted ash. The total revenues from the sale of metals were approximately \$2.2 million during the Fiscal Year 2023 of which approximately \$1.1 million or 50% was remitted to the County by way of a reduction to the County's contract operations charges.

- LC = Landfill Charge represents a credit to the County for Bypassed Waste (i.e., waste that was processable, and which the contractor elected not to process) equal to the tons of Bypassed Waste times the Landfill Charge.
- MD = Monthly Damages represents credits from Covanta to the County for exceeding performance guarantees on the maximum use of supplies or materials such as dolomitic lime, propane and/or water consumption.
- MA = Monthly Adjustment represents a true-up performed monthly and at the close of the fiscal year primarily related to the Availability bonus for exceeding 90% Availability.

### Materials Recovery Facility (MRF) Operations

As of Fiscal Year 2022, the MRF is contractually operated by Sims. Sims is responsible for the processing and remarketing of single-stream recycling delivered and processed at the County's MRF facility. The County's current contract is valid through September 30, 2027 excluding one (1) three- (3) year renewal option plus an additional two- (2) year renewal option.

Pursuant to the agreement, Sims must compensate the County monthly for: i) a portion of the recycling revenues derived monthly above the contract fee; ii) a facility fee; and iii) all tipping fees on residue generated from operations. The shared revenues with the County are calculated based on the product of the market value or average commodity revenue (ACR) of the recovered material less the operations and maintenance fee times inbound tons times 75%. Based on the delivery of recyclables and market value of the recyclables, recycling was a net expense during the Fiscal Year 2023. For purposes of this Study, no recycling revenues from the operation of the MRF are assumed during the Forecast Period.

### Lee / Hendry Regional Landfill Operations

Contract operations for the Lee / Hendry Landfill represented a cost of approximately \$5.1 million for Fiscal Year 2023 or 4.2% of total operating expenses of the System. The County entered into an agreement with Waste Management Inc. of Florida (WMI) on February 2, 1994, with an initial 10-year term and an additional 10-year renewal option. Pursuant to information provided by Department staff, the current agreement has been extended to September 30, 2025. The agreement provides for the reimbursement of actual cost plus (+) an approximate 30% markup for applicable costs plus (+) reimbursement of equipment taxes and other costs of operation plus (+) an indemnity rate per ton of waste landfill by WMI. For the purposes of this analysis, it is assumed that the County will enter into a new agreement once the current contract expires.

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## **ELECTRIC SALES AGREEMENTS**

### **Rainbow Energy Marketing Corporation.**

On November 1, 2016, the County entered into an agreement with Rainbow Energy Marketing Corporation (REMC) to locate wholesale markets for electric energy and to sell and dispatch energy to such markets. REMC offers three services to the County:

1. Short-term Marking Services, which represents services less than 31 days of duration.
2. Long-term Marketing Services, which represents services greater than 31 days and less than 365 days of duration.
3. Scheduling Services.

When REMC enters into a transaction with a customer, REMC purchases energy from the County, which is then sold and dispatched. The County's revenues associated with energy market sales are net of transmission, marketing, and imbalance fees.

The County entered into an agreement with Tampa Electric Company on December 17, 2020 for delivery and sale of as-available energy.

It should be noted that the Public Utility Regulatory Policies Act of 1978, as amended, requires that all investor-owned utilities (IOUs) purchase electricity generated by the County's WTE and conveyed to the grid since the WTE is considered a qualified small renewable energy producer<sup>[5]</sup>. The projection of gross annual electric revenue sales is estimated at approximately \$8.5 million by the end of the Forecast Period.

## **INTERLOCAL AGREEMENTS**

As previously discussed, the County provides waste disposal services to incorporated residents throughout the County. Services to municipalities within the County are provided through interlocal agreements with the Cities of Bonita Springs, Cape Coral, Fort Myers, Sanibel, the Town of Fort Myers Beach, and the Village of Estero. The County recently renegotiated the interlocal agreements with the most significant changes assumed to allow the County to begin charging for recycling services and eliminate certain limitations on the ability of the County to raise fees. The renegotiated interlocal agreements expire on September 30, 2030 and have the option for two additional five-year terms. The County also entered into interlocal agreements with Collier, Charlotte and Hendry County for other purposes as discussed in greater detail below:

### **City of Bonita Springs, Town of Fort Myers Beach, and Village of Estero**

The City of Bonita Springs, the Town of Fort Myers Beach, and the Village of Estero entered into the current agreements for collection and disposal services with the County in September 2020. The County is and shall be responsible for the collection, billing, customer service, and disposal of MSW, vegetative waste, and residential recyclable material from within the municipalities. The County shall also be responsible for planning and developing additional solid waste disposal capacity and/or facilities that are environmentally sound and

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[5] Defined as an entity not engaged in the electric business which generates renewable energy from a facility of 80 megawatts or less.

economically practical in order to provide disposal services for additional MSW generated by the municipalities due to growth. The municipalities agree, to the extent that it may lawfully do so, to cause its MSW, vegetative waste and recyclable materials to be directed to the County's System, or other County designated facilities, for the term of the agreement. The County is also responsible for providing a collection point for the disposal of household hazardous waste.

The County provides equivalent service and charges residents within the municipalities in the same manner as it does the unincorporated residents of the County. It should be noted that the County remits all franchise fee revenues collected from the franchise haulers for the municipalities in Franchise Area 1, including the Village of Estero which is also found in Franchise Areas 2 and 3.

### **City of Cape Coral**

The City of Cape Coral entered into the current and amended agreement for disposal-only services (i.e., the County does not administer or provide collection services) with the County in August 2020. The term for the agreement shall terminate September 30, 2030 with the option for the City of Cape Coral to renew for up to two additional five-year terms. Pursuant to the terms of the agreement between the parties, the County is and shall be responsible for the disposal of MSW, vegetative waste, and recycled materials recovered from within the municipality. The County shall also be responsible for planning and developing additional solid waste disposal capacity and/or facilities that are environmentally sound and economically practical in order to provide disposal services for additional MSW generated by the municipality due to growth. The municipality agrees, to the extent that it may lawfully do so, to cause its MSW, vegetative waste and recyclable materials to be directed to the County's System, or other County designated facilities, for the term of the agreement. The County is also responsible for the administration and collection of household hazardous waste within the municipality. The County is also responsible for providing processing and disposal services for acceptable biosolids from the City of Cape Coral's water reclamation facility.

The County charges the customers within the municipality through both a Municipal Service Benefit Unit (MSBU) and a tipping fee for MSW and yard waste delivered to the County. It should also be noted that the County charges customers within the municipality the same tipping fee as all other customers of the System, with exception to the exclusion of the solid waste operation and right-of-way surcharges. The municipality benefits from the remittance of the net recovered material sales revenues from the proportion of recycled materials delivered by the municipality to the County's MRF in the event such revenues are generated. The revenues derived from charges for disposal service under existing rates from waste generated and delivered to the County is estimated at approximately \$12.8 million annually. This does not consider any revenues from the sale of recovered materials from operation of the WTE facility, which are retained by the County (i.e., ferrous and non-ferrous revenues) to offset the cost of operation for the WTE facility.

### **City of Fort Myers**

The City of Fort Myers entered into the current agreement for disposal-only services (i.e., the County does not administer or provide collection services) with the County in September 2020. The term for the agreement shall terminate September 30, 2030 with the option for both parties to renew for up to two additional five-year terms. Pursuant to the terms of the agreement between the parties, the County is and shall be responsible for the disposal of all MSW, residential vegetative waste, and residential recycled materials recovered from within the

municipality. The County shall also be responsible for planning and developing additional solid waste disposal capacity and/or facilities that are environmental sound and economically practical in order to provide disposal services for additional MSW generated by the municipality due to growth. The municipality agrees, to the extent that it may lawfully do so, to cause all its MSW, residential vegetative waste and residential recyclable materials to be directed to the County's System, or other County designated facilities, for the term of the agreement. The County is also responsible for the grinding, shredding, screening, etc. of a portion of the municipality's horticulture waste and produces a mulch, graded material substantially free of plastics and other non-organic contaminants and make available and load into municipal vehicles, up to 15 tons per week of this mulch material for the municipality's use.

The County charges the customers within the municipality through both a non-ad valorem assessment and a tipping fee for MSW and yard waste delivered to the County. The County agrees that to the extent that it may lawfully do so, the tipping fee charged to the municipality shall be the same as the fee charged to similar users within the unincorporated areas of the County and other municipalities within the County. The municipality also benefits from the remittance of the net recovered material sales revenues based on the relative proportion of recycled materials delivered by the municipality to the County's MRF in the event such revenues are generated.

The County shall also accept all biosolids produced by the City of Fort Myers' wastewater treatment facilities. The revenues derived from charges for disposal service under existing rates from waste generated and delivered to the County is estimated at approximately \$7.0 million annually. This does not consider any minor revenues from the sale of recovered materials from operation of the WTE facility, which are retained by the County (i.e., ferrous and non-ferrous revenues) to offset the cost of operation for the WTE facility.

### **City of Sanibel**

The City of Sanibel entered into the current agreement for disposal-only services (i.e., the County does not administer or provide collection services) with the County in September 2020. The term for the agreement shall terminate September 30, 2030 with the option for both parties to renew for up to two additional five-year terms. Pursuant to the terms of the agreement between the parties, the County is and shall be responsible for the disposal of MSW, vegetative waste, and recycled materials recovered from within the municipality. The County shall also be responsible for planning and developing additional solid waste disposal capacity and /or facilities that are environmentally sound and economically practical in order to provide disposal services for any growth in MSW generated by the municipality. The municipality agrees, to the extent that it may lawfully do so, to cause its MSW, vegetative waste and recyclable materials to be directed to the County's System, or other County designated facilities, for the term of the agreement.

The County charges the customers within the municipality through both a non-ad valorem assessment and a tipping fee for MSW and yard waste delivered to the County. The County agrees that to the extent that it may lawfully do so, the tipping fee charged to the municipality shall be the same as the fee charged to similar users within the unincorporated areas of the County and other municipalities within the County. The municipality also benefits from the remittance of the net recovered material sales revenues based on the relative proportion of recycled materials delivered by the municipality to the County's MRF in the event such revenues are generated. The revenues derived from charges for disposal service under existing rates from waste generated and delivered to the County is estimated at approximately \$0.4 million annually. This does not consider any

minor revenues from the sale of recovered materials from operation of the WTE facility, which are retained by the County (i.e., ferrous and non-ferrous revenues) to offset the cost of operation for the WTE facility.

## Hendry County

As previously discussed, the County entered into an interlocal agreement with Hendry County whereby the County is required to receive and dispose of waste generated by residents and businesses within Hendry County. In addition, the County is responsible for the operation and maintenance of two transfer stations located in Hendry County to receive and transfer waste to the County's disposal facilities. Only waste generated within Lee and Hendry Counties may be landfilled at the Lee / Hendry Landfill. As a result, the County was allowed to construct the landfill within Hendry County. Services are charged to customers of Hendry County through tipping fees, which may include a \$5 per ton surcharge or higher surcharge for tires remitted back to Hendry County pursuant to the agreement.

## OTHER AGREEMENTS

### Lee / Hendry Regional Landfill / Landowner Agreement

As previously discussed, in order to mitigate objections in the permitting of the Lee / Hendry Landfill from neighboring landowners, the County entered into the agreement June 23, 1993 with several neighboring landowners including Duda & Sons, Inc., Cooperative Producers, Inc., and Turner Foods Corporation. The agreement provides for, among other things, limitations on the landfill height, runoff mitigation / setbacks and intended use of the landfill being primarily for the disposal of inert ash and minimal disposal of MSW.

## Section 4: Solid Waste Assessment and Fees

The County provides waste disposal services to unincorporated and incorporated residents throughout the County. Services to municipalities within the County are provided through interlocal agreements as discussed in Section 3 of this report. The County principally charges customers for waste disposal services through: i) an annual non-ad valorem assessment or MSBU included as a component of the tax bill as allowed by Florida Statutes, Chapter 197, which provides a reliable source of revenues and the ability to lien a property for non-payment; and/or ii) a tipping fee paid per ton of waste delivered to the County's disposal facilities. The following provides a brief discussion of the existing rate structure components as understood by Raftelis:

- Residential Collection Assessment: Charged to franchised residential customers receiving collection services (i.e., the Franchised Areas 1-6) administered by the County and to recover the direct cost of collection services from private franchised haulers.
- Residential Disposal Assessment: Charged to franchised residential customers for MSW and yard waste disposal services. The fee is currently based on an average disposal rate of 1.00 ton of MSW and 0.18 tons of yard waste per residential unit.
- Solid Waste System Assessment: Charged to customers of the System to recover a portion of the disposal costs which benefits all disposal customers of the System (e.g., costs related to WTE, landfill, etc.) and to recover the net cost of recycling. The fee is typically a fixed fee charged either by non-ad valorem assessment but may also be charged pursuant to interlocal agreement with the municipalities

by MSBU. The fee is currently based on average disposal rates of 1.00 tons of MSW and 0.27 tons of recycling for single family customers. In some instances, the Solid Waste System Assessment may be considered as a means to promote flow control for the System.

- Billing Charge: Charged to all customers of the System related to assessments, MSBU or other fees associated with the tax roll for which the Department is charged a fee by the County's property tax appraiser and collector. The billing fee represents a direct pass-through of such costs to the Department.
- Tipping Fees by Type of Waste: Charged to customers that are not assessed the Residential Disposal Assessment for delivery of waste based on actual weighed deliveries.

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The following presents the recent and current rates charged by the County for collection and disposal services:

Summary of Recent Historical and Existing Rates			
Description	Historical		Existing
	2022	2023	2024
<u>Assessments:</u>			
Collection (Avg. Areas 1-5) [1]	\$145.62	\$185.79	\$192.09
Disposal MSW	50.20	59.96	63.56
Disposal Yard Waste	6.62	6.62	7.02
Disposal Facility Assessment Charge	17.25	18.61	18.61
Recycling Assessment	11.05	11.05	11.05
Surcharges	0.00	0.00	0.00
Billing Fee	2.45	2.45	2.45
Early Prepayment Gross Up (4%)	9.71	11.85	12.28
Gross Assessment Average for Areas 1-5 [2]	\$242.90	\$296.33	\$307.06
Assessment Paid in February = 1% Discount	\$240.47	\$293.37	\$303.99
Assessment Paid in January = 2% Discount	238.04	290.41	300.92
Assessment Paid in December = 3% Discount	235.61	287.44	297.85
Assessment Paid in November = 4% Discount	233.18	284.48	294.78
<u>Tipping Fees per Ton by Waste Type:</u>			
MSW	\$50.20	\$59.69	\$63.56
Horticulture / Yard Waste	37.50	38.58	39.97
C&D	60.00	61.72	63.94
Class III	60.00	61.72	63.94
Tires	160.00	160.00	160.00
Recycling	38.12	38.12	41.12
Disposal Facility Assessment per Ton [4]	\$17.25	\$18.61	\$18.61

[1] Amounts shown reflect the average fee charged for the primary franchise collection areas 1-5.

[2] Reflects gross assessments before early prepayment discounts as allowed by Florida Statutes, Chapter 197.

[3] Amounts shown are not charged to municipal customers, with exception to the City of Bonita Springs, the Town of Fort Myers Beach, and the Village of Estero for which the County provides collection services.

[4] Presented for informational purposes only since the disposal facility assessment charge is charged to all MSW customers by assessment, with exception to Hendry County customers.

As shown above, the residential collection and disposal assessment for unincorporated residents of the County include an early payment discount that is extended to customers as part of the ad valorem billing process; pursuant to Florida Statutes, customers may elect to receive a discount of up to 4% if they pay all of the charges and taxes included on the ad valorem tax bill prior to the due date of the bill. The majority of customers elect to pay early and receive the full 4% discount; mortgage payments for residential homes typically include an allowance for escrow for the early prepayment of the estimated tax bill, which contributes to the high rate of early prepayments. The County began adjusting for the early



prepayment in Fiscal Year 2016. The following chart provides additional history of the average residential assessment:



As shown in the figure above, the residential assessment was increased annually from the Fiscal Year 2006 through 2007, which coincides with the expansion of the WTE and issuance of the refunded Series 2006 Bonds. Subsequent to 2011, the County annually reduced solid waste assessments. In support of these reductions, the County applied approximately \$34 million in cash reserves during Fiscal Year 2011 to defease portions of the then outstanding Solid Waste System Revenue Refunding, Series 2001 Bonds (the "Series 2001 Bonds" which are no longer outstanding). The reduction in debt service was a factor in the reduction of the residential assessment and tipping fees as shown on the following table:

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Historic MSW Tipping Fees for the Solid Waste System		
Fiscal Year	Unincorporated Area [*]	Incorporated Area
2006	\$57.51	\$49.59
2007	\$58.40	\$51.20
2008	\$59.77	\$53.25
2009	\$59.93	\$54.00
2010	\$61.48	\$54.00
2011	\$61.44	\$55.00
2012	\$47.62	\$40.00
2013	\$37.74	\$32.00
2014	\$34.93	\$30.00
2015	\$34.33	\$30.00
2016	\$32.30	\$31.75
2017	\$37.45	\$37.45
2018	\$45.45	\$45.45
2019	\$50.20	\$50.20
2020	\$50.20	\$50.20
2021	\$50.20	\$50.20
2022	\$50.20	\$50.20
2023	\$59.69	\$59.69
2024	\$63.56	\$63.56

Source: Lee County Solid Waste Department

[\*] Amounts shown includes surcharges. However, the County has not charged surcharges since Fiscal Year 2016.

The MSW tipping fees were reduced subsequent to the defeasance of the Series 2001 Bonds during the Fiscal Year 2012. It is notable that for the unincorporated areas the fees are currently below levels charged prior to the Fiscal Year 2012 and also below levels in effect when the County had entered into the current interlocal agreements for service with municipalities as described in Section 3 of this report.

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The following table provides a summary of comparable fees charged by other Florida solid waste systems for collection and disposal service to the existing and adopted fees for the County:

Solid Waste Fee Comparison with Other Florida Systems							
Description	Residential Assessment			Tipping Fees			
	Collection	Disposal	Total	MSW	C&D	Yard Waste	Tires
Lee County – Existing [1][2]	\$187.60 – \$205.52	\$102.69	\$294.52 – \$320.77	\$63.56	\$63.94	\$39.97	\$160.00
Lee County – FY25 [1][2]	\$203.62	\$108.70	\$325.33	\$67.37	\$67.78	\$42.37	\$225.00
<b>Other Systems with Waste-to-Energy Facilities:</b>							
Broward County [3]	N/A	N/A	\$487.00	\$65.00	\$65.00	\$50.00	\$130.00
Hillsborough County [4]	\$284.88	\$152.63	\$437.51	\$104.60	\$77.48	\$48.11	\$186.25
Miami-Dade County [5]	N/A	N/A	\$509.00	\$107.80	\$107.80	\$107.80	\$140.00
Palm Beach County [4]	\$194.00 – \$371.00	\$188.00	\$382.00 – \$559.00	\$42.00	\$65.00	\$35.00	\$100.00
Pasco County [4]	N/A	N/A	\$327.48	\$91.25	\$91.25	\$91.25	\$200.00
Pinellas County [4]	N/A	N/A	\$216.00	\$51.00	\$51.00	\$51.00	\$150.00
City of Tampa [4]	N/A	N/A	\$418.92	\$71.00	\$51.00	\$71.00	\$121.00
<b>Systems without Waste-to-Energy Facilities:</b>							
Charlotte County [2]	N/A	N/A	\$292.28	\$39.28	\$39.28	\$39.28	\$125.46
Collier County [4]	N/A	N/A	\$249.29	\$86.91	\$96.52	\$57.48	\$235.74
Hernando County [4]	\$194.88	\$94.91	\$289.79	\$60.50	\$76.00	\$54.50	\$150.00
Manatee County [4]	N/A	N/A	\$283.80	\$40.00	\$61.00	\$40.00	\$86.00
Polk County [2]	\$144.50	\$62.00	\$206.50	\$36.50	\$36.50	\$22.00	\$300.00
Sarasota County [2]	N/A	N/A	\$233.59	\$59.08	\$58.19	\$46.05	\$290.61
Other System Averages	<u>\$229.43</u>	<u>\$99.51</u>	<u>\$373.62</u>	<u>\$64.67</u>	<u>\$66.18</u>	<u>\$54.57</u>	<u>\$169.12</u>

- [1] Amounts shown for the residential assessment reflect the gross assessment before early prepayment discounts. The billing charge is included as a component of the residential disposal assessment.
- [2] Denotes residential collection service at one day per week for garbage, recycling, and yard waste collection.
- [3] Broward County residential collection includes two days per week for garbage collection, one day per week for recycling collection and one day per month yard waste collection.
- [4] Denotes residential collection service at two days per week for garbage collection and one day per week for recycling and yard waste collection. Note garbage collection service in Pinellas County is for one or two days per week depending on location.
- [5] Miami-Dade County residential collection service includes two days per week for garbage / yard waste collection and one day every other week for recycling collection.

As shown above, the County’s existing and proposed rates for the Fiscal Year 2024 and 2025, respectively, remain competitive when compared to the average rates charged by other solid waste systems surveyed.

## Section 5: Historical and Projected Customer / Tonnage Statistics

The County provides waste disposal service to approximately 820,000 residents within unincorporated and incorporated areas of the County and processed incoming waste of approximately 1.2 million tons for the most recently completed Fiscal Year 2023, including waste deliveries from Hendry County residents. The table below provides an indication of the recent trends and projections of in the number of units served:

**Historical and Projected Disposal Customer Statistics by Class / Area [1]**

	Historical Fiscal Year Ended September 30,					Projected Fiscal Year Ending September 30,					
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
<b>Franchised Area Statistics – Area 1-5 [2]:</b>											
Avg. Residential Units	167,369	170,558	173,986	178,155	180,089	186,948	191,206	194,378	197,072	199,392	201,344
Avg. Multi-family Units	86,457	87,481	88,573	89,500	89,985	87,869	88,383	88,883	89,373	89,838	90,277
Avg. RV Units	6,747	6,977	7,016	7,042	6,990	7,040	7,040	7,040	7,040	7,040	7,040
Commercial (000s Sq.Ft.)	98,368	101,503	104,799	105,901	108,008	114,054	115,488	116,891	118,270	119,584	120,834
<b>Hendry County [3]</b>											
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Municipalities / Not Franchised Primary:</b>											
<b>Cape Coral [4]</b>											
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Fort Myers:</b>											
Avg. Residential Units	21,179	22,069	22,874	23,358	23,447	24,023	24,681	25,333	25,979	26,602	27,199
Avg. Multi-family Units	19,048	20,176	21,026	22,292	22,211	23,612	24,160	24,699	25,232	25,742	26,231
Avg. RV Units	104	104	104	104	104	104	104	104	104	104	104
Commercial (000s Sq.Ft.)	39,027	39,717	40,477	41,684	41,852	43,288	43,786	44,270	44,744	45,194	45,619
<b>Sanibel:</b>											
Avg. Residential Units	4,112	4,125	4,144	4,161	4,093	4,039	4,054	4,068	4,081	4,094	4,105
Avg. Multi-family Units	3,765	3,768	3,768	3,766	3,753	3,737	3,737	3,737	3,737	3,737	3,737
Avg. RV Units	85	85	85	85	85	85	85	85	85	85	85
Commercial (000s Sq.Ft.)	1,751	1,769	1,778	1,780	1,658	1,544	1,545	1,547	1,549	1,550	1,552

- [1] Amounts shown derived from Tables 1 at the end of this report.
- [2] Amounts shown reflect statistics for franchise areas 1 through 5, which include statistics associated with the City of Bonita Springs, the Town of Fort Myers Beach, and the Village of Estero. Amounts shown exclude statistics for Boca Grande (Area 6) and the Outer Islands (Area 7).
- [3] Amounts shown not reported since the Hendry County customers are not assessed for service and pay based on actual tonnage deliveries. Per the 2018 U.S. Census estimates, Hendry County has a population of 41,556 with approximately 14,850 housing units.
- [4] Amounts shown not reported since the City of Cape Coral elects billing for the Disposal Facility Assessment by MSTU. Per the 2018 U.S. Census estimates, the City has a population of 189,343 with approximately 80,900 housing units (note Census estimated occupied households of 56,900 for the same period).

As shown above, the majority or approximately 87% of residential units served during the Fiscal Year 2023 are located within the franchised service areas of the County at approximately 180,000 residential single-family disposal units, including approximately 42,100 franchised residential units within the municipalities of Bonita Springs, Fort Myers Beach and the Village of Estero. By contrast, other customers within Hendry County and the Cities of Cape Coral, Fort Myers, and Sanibel are estimated to represent approximately 108,500 residential housing units. The forecast assumes growth in franchised residential units of approximately 1.9% annually. The following table provides a projection of the primary waste streams by customer classification and location.

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**Historical and Projected Disposal Customer Statistics [1]**

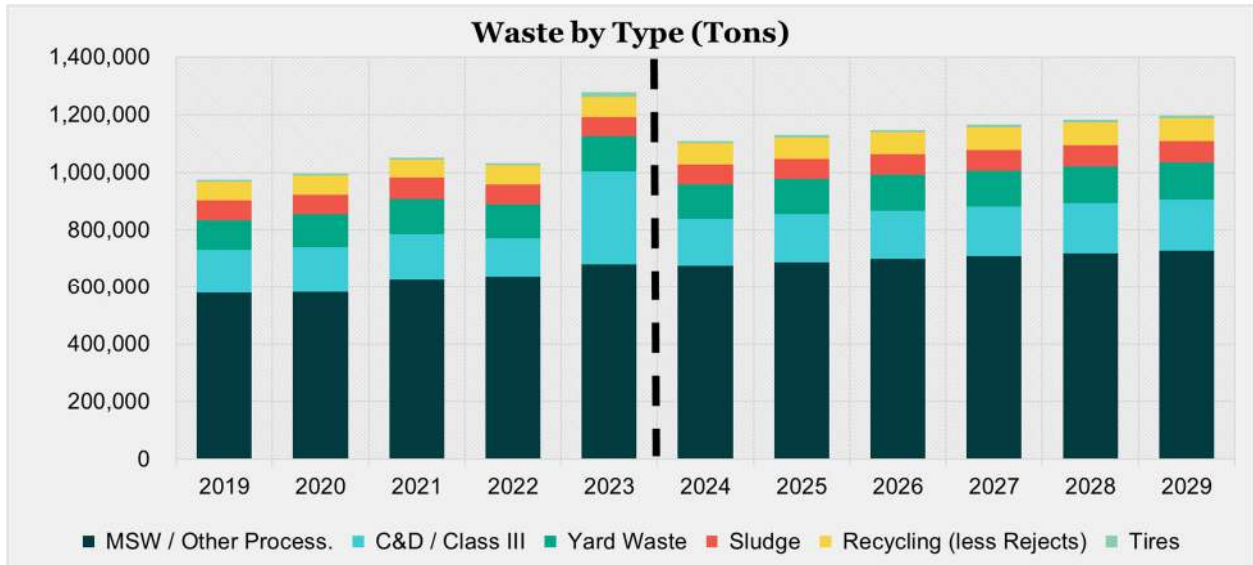
	Historical Fiscal Year Ended September 30,					Projected Fiscal Year Ending September 30,					
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
<b>Franchised Area Statistics – Area 1-5: [2]</b>											
Delivered MSW Tons	366,504	369,137	393,980	388,053	403,400	400,383	408,659	414,869	420,535	425,826	430,748
Yard Waste	63,123	74,201	87,336	83,102	96,928	88,251	90,435	91,850	93,200	94,501	95,754
C&D / Class III	147,023	150,597	131,235	91,515	181,976	132,932	135,059	137,220	139,416	141,647	143,913
Recycling	55,971	56,920	50,619	58,398	56,177	61,027	62,180	63,050	63,799	64,445	64,990
<b>Hendry County:</b>											
Delivered MSW Tons	36,678	37,744	39,505	41,718	43,923	44,801	45,697	46,611	47,543	48,494	49,464
Yard Waste	3,919	4,139	3,682	3,312	2,724	2,724	2,724	2,724	2,724	2,724	2,724
C&D / Class III	5,842	9,381	9,972	10,652	10,962	10,962	10,962	10,962	10,962	10,962	10,962
<b>Municipalities / Not Franchised Primary:</b>											
MSW and Yard Waste Generation:											
Cape Coral	109,770	111,370	118,925	128,854	146,251	153,702	156,161	158,660	161,198	163,778	166,398
Fort Myers	72,587	73,293	80,404	81,299	88,958	92,018	93,490	94,986	96,505	98,049	99,618
Sanibel	8,358	7,860	8,827	8,724	3,986	4,302	4,371	4,441	4,512	4,584	4,657
<b>Total</b>	<b>190,714</b>	<b>192,523</b>	<b>208,156</b>	<b>218,877</b>	<b>239,195</b>	<b>250,022</b>	<b>254,022</b>	<b>258,086</b>	<b>262,216</b>	<b>266,411</b>	<b>270,674</b>
Recycling Generation:											
Cape Coral	19,372	21,214	22,243	20,173	22,570	22,931	23,298	23,671	24,050	24,435	24,826
Fort Myers	6,688	6,893	7,260	7,071	6,779	6,888	6,998	7,110	7,224	7,339	7,457
Sanibel	1,363	1,352	1,366	1,286	415	422	428	435	442	449	456
<b>Total</b>	<b>27,423</b>	<b>29,459</b>	<b>30,869</b>	<b>28,529</b>	<b>29,765</b>	<b>30,241</b>	<b>30,725</b>	<b>31,216</b>	<b>31,716</b>	<b>32,223</b>	<b>32,739</b>

[1] Amounts shown derived from Tables 3 at the end of this report and totals may vary due to rounding.

[2] Amounts shown reflect statistics for franchise areas 1 through 5, which include statistics associated with the City of Bonita Springs and the Town of Fort Myers Beach. Amounts shown exclude statistics for Boca Grande (Area 6) and the Outer Islands (Area 7).

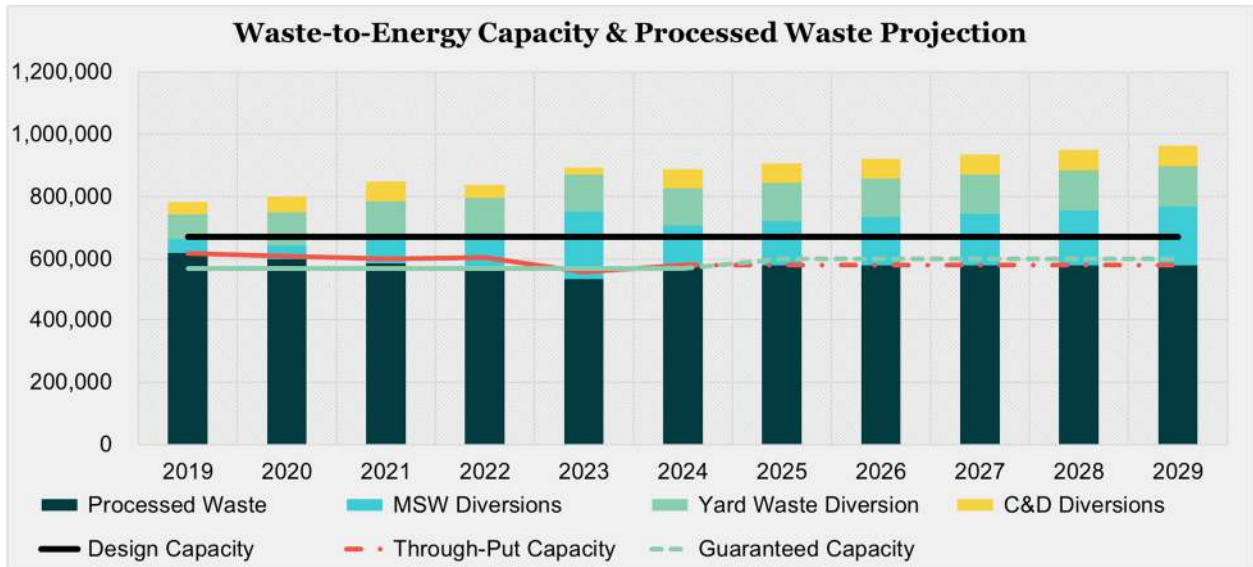
For the Fiscal Year 2023, the relationship of MSW and yard waste generation among the franchised (500,328 tons / 64%) and non-franchised (285,841 tons / 36%) customers is generally consistent with the relationship of residential units as previously discussed. The forecast assumes an annual average growth rate of approximately 1.5% for MSW and 1.6% for yard waste generation. The following chart provides a historical summary and projected forecast of inbound waste to the County.

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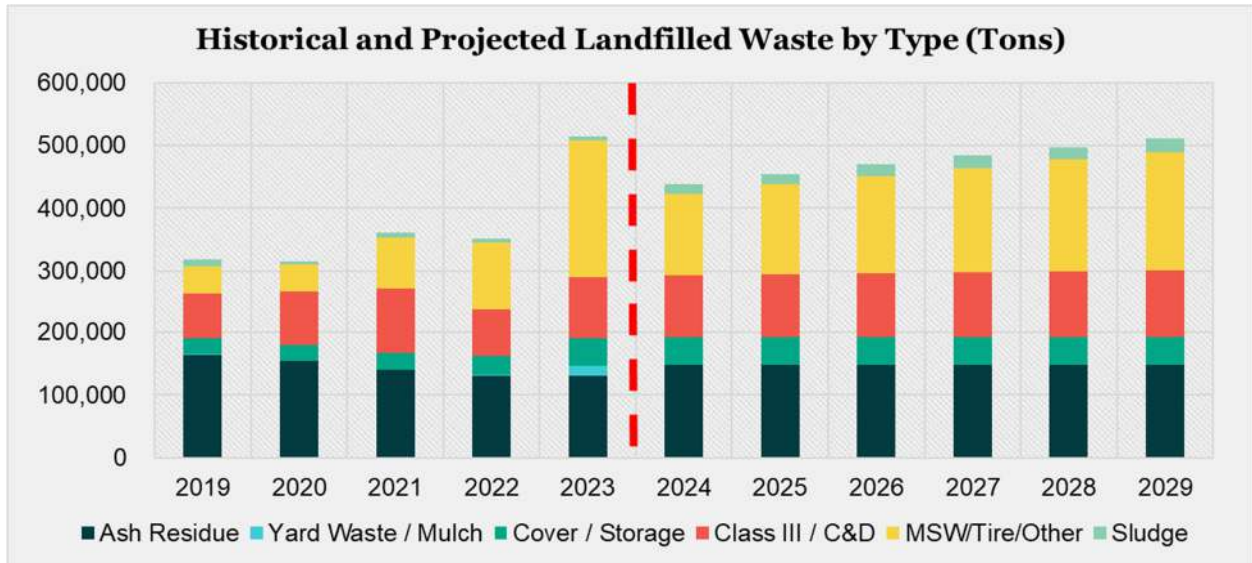


Waste deliveries have grown by approximately 19,500 tons per year from Fiscal Years 2019 through 2022 whereas Fiscal Year 2023 saw a significant increase in C&D deliveries due to Hurricane Ian. C&D deliveries were assumed to return to normal by 2025. The trend in growth related to waste deliveries is attributed to a period of economic expansion and increased population growth. The Study anticipates continued growth of approximately 17,500 tons per year for the Fiscal Years 2024 through 2029.

As previously discussed, the County maintains and operates several facilities, including a mass burn waste-to-energy facility, materials recovery facility, construction and demolition debris recycling facility, yard and tire processing facilities, composting, regional landfill, and household hazardous waste facility. A critical issue is the capacity utilization of the County’s existing WTE facility. The chart below indicates the historical and projected utilization of the WTE facility:



The WTE facility is currently the primary method of waste disposal for the County and processes over 610,000 tons annually or approximately 50% of all in-bound processed waste. The existing WTE facility currently exceeds the estimated through-put capacity of the facility. Due to the growth in waste deliveries and a reduction in waste sent to the WTE to promote longevity and sustainability of the facility, waste diversions to the County’s landfill are expected to grow. The following table provides a summary of estimated landfilled waste over the recent historical and projected period:



Due to the continued growth in MSW deliveries to the WTE facility, increasing diversions of waste is expected to continue for the Forecast Period. Beyond the Forecast Period it is expected that increasing amounts of MSW deliveries may result in an increase to MSW and yard waste being landfilled. As previously discussed, the County is limited by agreement with adjacent landowners as to the disposal of MSW to the Lee / Hendry Landfill. To provide a long-term solution for the future growth in waste deliveries, the Department has completed a master plan to evaluate new facilities or options of waste disposal. For additional detail concerning the historical and projected customer statistics and assumptions, please reference Tables 1 through 5 at the end of this report.

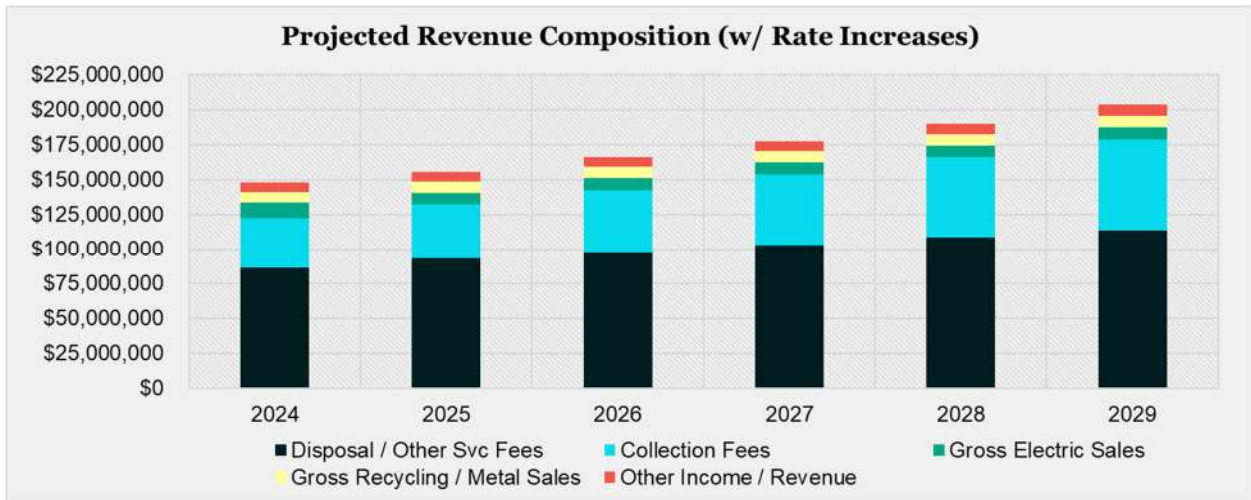
## Section 6: Revenue Composition and Forecast

The Department is expected to generate or collect approximately \$148.1 million in revenue for the Fiscal Year 2024. This amount includes approximately \$1.8 million in remittances to municipalities for franchise fees and shared recycling revenues (if any) and to the WTE facility contractor associated with shared electric revenues and ferrous and non-ferrous metal revenues. Such reimbursements are budgeted as a cost of operation in order to present the gross revenues and track the benefits through shared revenues received by the municipalities and contracted operators. For the Fiscal Year 2024, the revenues can generally be categorized as follows:

- 83% is generated from the collection, disposal and other service fees (e.g., compost sales).
- 7% is generated from gross electric sales.

- 10% is generated from other revenues primarily comprised of franchise fees, recycling and recovered material revenues, other miscellaneous fees, and investment income.

The revenue forecast for collection and disposal fee revenues were developed based upon the forecast of customer billing and tonnage statistics as previously discussed in Section 5 of this report and applied to the existing and projected rates for service. Electric sales revenues were based on the forecast of electrical production as presented in Table 5 at the end of this report. Other revenues, such as recycling revenue, were primarily escalated from historical or budgeted levels based on recent trends and discussions with Department staff. Due to recent market conditions, revenues from sale of recyclable materials were not anticipated in the Fiscal Year 2024 and for the remainder of the Forecast Period. The following chart provides the forecasted revenue composition assuming implementation of the identified rate adjustments:



The projected growth in disposal and collection fees are due to the increase in customers served, tonnages delivered, and application of the identified rate increases as previously discussed. Electric and other revenues are assumed to remain generally constant for the remainder of the Forecast Period.

## Section 7: Revenue Requirements Composition and Forecast

The revenue requirements of the System are comprised of expenditures and required transfers:

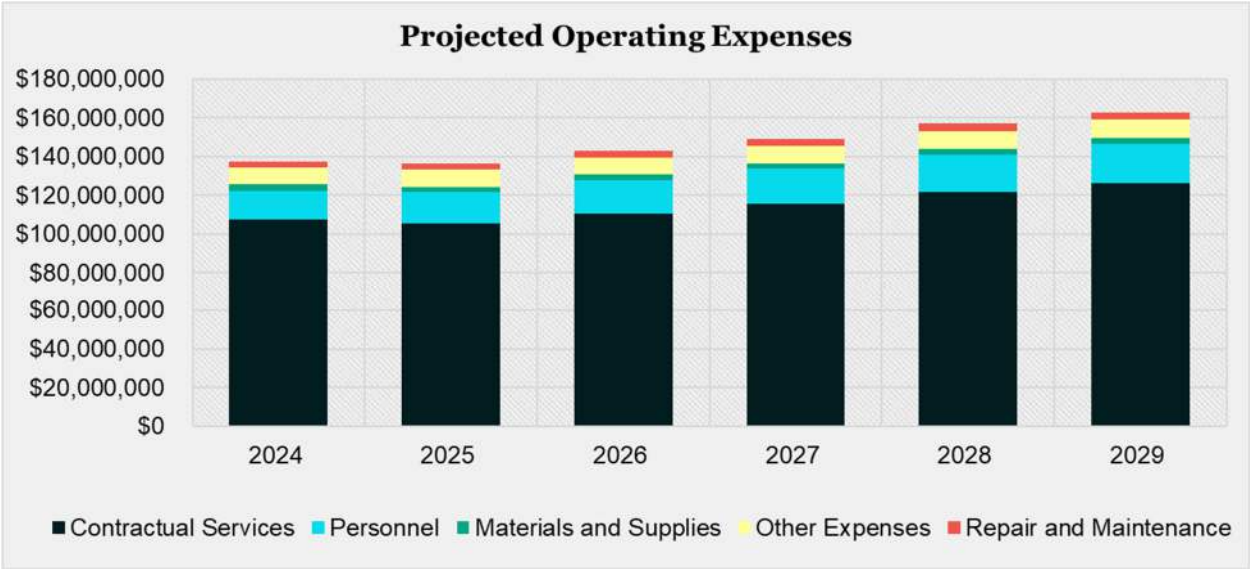
- Expenditures: includes annual operating expenses, major maintenance, capital expenditures, and debt service payments.
- Required Transfers: includes transfers for landfill closure, transfers to operating cash reserves for maintaining minimum reserve balances and transfers to capital reserves for funding future capital expenditures.

This section provides a detailed discussion of the revenue requirements and principal assumptions relied upon in the development of the forecast for the System.



**OPERATING EXPENSES**

The operating expenses of the Department represent the primary recurring expenditure of the System. Unless otherwise noted operating expenses are exclusive of closure, post-closure, and periodic major maintenance (funded from the Renewal and Replacement Fund), which is consistent with the definition of operating expenses pursuant to the Bond Resolution. Approximately 78% of the operating expenses are related to contracted services for the franchised collection and operation of the System. The remaining operating expenses are primarily related to labor, materials and supplies, and repairs and maintenance. The chart below provides a summary of the total operating expenses for the Forecast Period:



The forecast assumes average annual increases in the cost of operation equal to approximately 3.5% annually, which is largely due to the estimated increase in franchise collection rates in Fiscal Year 2024 coinciding with expiration of certain existing hauler contracts, as summarized in the section below. The forecast of operating expenses was based on a five- (5) year review of historical operating expenses, the adopted Fiscal Year 2024 operating budget, year-to-date results, modeling of the Department’s principal contracted expenses, and discussions and review of projections with Department staff.

**Contracted Collection of Franchise Areas**

As discussed in Section 3, the County administers six franchised collection areas. The cost of collection represents a significant component (i.e., approximately 34%) of total operating expenses. The County makes monthly payments to the haulers for each residential franchised collection area. The following presents the historical trends and projected collection expense assumptions by residential franchised collection areas:

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**Historical and Projected Franchised Hauler Collection Expense**

Description	Historical Fiscal Year Ended September 30,					Projected Fiscal Year Ending September 30,					
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
<b>AREA 1 – Bonita &amp; FMB</b>											
Growth	613	558	536	387	523	246	231	401	382	363	344
Average Monthly Units	26,292	26,850	27,386	27,772	28,295	28,541	28,772	29,173	29,555	29,918	30,262
Rate Change (%)	0.0%	0.0%	4.0%	3.1%	11.0%	39.2%	0.7%	4.0%	3.5%	3.5%	3.5%
Collection Rate	\$135.96	\$135.96	\$141.36	\$145.68	\$161.64	\$225.00	\$226.64	\$235.71	\$243.96	\$252.50	\$261.34
Expense (\$1,000s)	\$3,575	\$3,651	\$3,871	\$4,046	\$4,574	\$6,422	\$6,521	\$6,876	\$7,210	\$7,554	\$7,909
<b>AREA 2 – SFM – West, Iona-McGregor, Captiva</b>											
Growth	257	255	162	78	49	117	109	65	61	58	54
Average Monthly Units	25,359	25,614	25,776	25,854	25,903	26,020	26,129	26,194	26,255	26,313	26,367
Rate Change (%)	0.0%	0.0%	4.0%	3.0%	10.9%	53.5%	0.7%	4.0%	3.5%	3.5%	3.5%
Collection Rate	\$125.04	\$125.04	\$130.08	\$133.92	\$148.56	\$228.00	\$229.66	\$238.85	\$247.21	\$255.86	\$264.82
Expense (\$1,000s)	\$3,171	\$3,203	\$3,353	\$3,462	\$3,848	\$5,933	\$6,001	\$6,256	\$6,491	\$6,732	\$6,982
<b>AREA 3 – SFM – East, San Carlos Park</b>											
Growth	838	951	1,217	1,247	1,399	1,226	1,044	933	761	592	426
Average Monthly Units	44,214	45,165	46,383	47,630	49,028	50,254	51,298	52,230	52,991	53,583	54,009
Rate Change (%)	0.0%	0.0%	4.0%	3.0%	10.9%	25.5%	0.7%	4.0%	3.5%	3.5%	3.5%
Collection Rate	\$151.56	\$151.56	\$157.68	\$162.36	\$180.12	\$226.08	\$227.73	\$236.84	\$245.13	\$253.71	\$262.59
Expense (\$1,000s)	\$6,701	\$6,845	\$7,314	\$7,733	\$8,831	\$11,361	\$11,682	\$12,370	\$12,990	\$13,595	\$14,182
<b>AREA 4 – East, Lehigh, Alva</b>											
Growth	891	1,261	1,435	1,680	2,853	2,814	1,775	1,218	1,073	929	786
Average Monthly Units	49,060	50,320	51,755	53,436	56,289	59,103	60,878	62,096	63,169	64,098	64,884
Rate Change (%)	3.3%	4.0%	0.7%	3.0%	61.2%	13.8%	0.7%	4.0%	3.5%	3.5%	3.5%
Collection Rate	\$148.08	\$153.96	\$155.04	\$159.72	\$257.40	\$292.92	\$295.06	\$306.86	\$317.60	\$328.72	\$340.23
Expense (\$1,000s)	\$7,265	\$7,747	\$8,024	\$8,535	\$14,489	\$17,313	\$17,963	\$19,055	\$20,062	\$21,070	\$22,075
<b>AREA 5 – Pine Island, NFM</b>											
Growth	115	167	242	476	445	559	244	227	196	167	138
Average Monthly Units	22,414	22,581	22,822	23,298	23,743	24,302	24,546	24,772	24,969	25,135	25,273
Rate Change (%)	0.0%	0.0%	4.0%	3.0%	11.0%	25.5%	0.7%	4.0%	3.5%	3.5%	3.5%
Collection Rate	\$167.40	\$167.40	\$174.12	\$179.28	\$198.96	\$249.60	\$251.42	\$261.48	\$270.63	\$280.10	\$289.90
Expense (\$1,000s)	\$3,752	\$3,780	\$3,974	\$4,177	\$4,724	\$6,066	\$6,171	\$6,477	\$6,757	\$7,040	\$7,327
<b>AREA 6 – Boca Grande / Gasparilla</b>											
Growth	5	4	6	2	(50)	0	0	0	0	0	0
Average Monthly Units	1,261	1,265	1,267	1,269	1,219	1,219	1,219	1,219	1,219	1,219	1,219
Rate Change (%)	0.0%	25.4%	69.1%	31.2%	1.3%	4.0%	4.0%	4.0%	3.5%	3.5%	3.5%
Collection Rate	\$143.40	\$179.88	\$242.48	\$236.04	\$245.52	\$255.24	\$265.45	\$276.07	\$285.73	\$295.73	\$306.08
Expense (\$1,000s)	\$181	\$228	\$307	\$300	\$299	\$311	\$324	\$337	\$348	\$360	\$373
<b>ALL AREAS – Franchise Hauler Expense</b>											
Growth	2,107	2,638	3,061	3,484	4,696	4,716	3,171	2,442	2,091	1,745	1,405
Average Monthly Units	168,600	171,796	175,389	179,259	184,477	189,439	192,841	195,684	198,158	200,265	202,014
Rate Change (%)	1.0%	1.4%	3.8%	3.3%	30.7%	26.4%	0.8%	4.0%	3.5%	3.5%	3.5%
Collection Rate	\$146.17	\$148.16	\$153.05	\$157.61	\$199.29	\$250.24	\$252.34	\$262.52	\$271.80	\$281.39	\$291.31
Expense (\$1,000s)	\$24,644	\$25,454	\$26,843	\$28,253	\$36,765	\$47,405	\$48,661	\$51,372	\$53,858	\$56,352	\$58,849

The cost of collection has increased over the recent historical period, including increases associated with the recent contract renegotiations. Forecasts of such costs were based on assumptions provided by Department staff, which may vary from the actual realized cost of collection, as the contracts for collection services are rebid or renegotiated, which could result in different haulers providing service and different rates for service.

### WTE Contracted Operations

As previously discussed, the County contracts operation for the WTE facility. The cost of operation is another significant component (i.e., approximately 25%) of total operating expenses. The cost of operation is based on forecasts of processable tonnage statistics, as previously discussed (reference Section 5), and the charges for service by Covanta. The following table provides a summary of the projection of gross and net contracted operating expenses:

Historical and Projected WTE Facility Contract Operations (\$000s)											
	Historical Fiscal Year Ended September 30,					Projected Fiscal Year Ending September 30,					
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Tons Processed	620,028	599,559	587,031	574,509	534,579	580,000	580,000	580,000	580,000	580,000	580,000
% Change		-3.3%	-2.1%	-2.1%	-7.0%	8.5%	0.0%	0.0%	0.0%	0.0%	0.0%
Service Fee [*]:											
OM	\$21,418	\$21,915	\$22,252	\$24,027	\$26,134	\$27,237	\$23,423	\$24,410	\$25,306	\$26,225	\$27,185
ETF	1,265	719	385	117	0	431	156	162	168	175	181
PT	3,819	3,980	4,362	5,100	5,235	5,434	5,667	5,906	6,123	6,345	6,577
EC	877	545	738	1,326	1,153	1,044	788	788	788	788	788
RRR	(1,161)	(720)	(1,820)	(1,783)	(1,114)	(1,122)	(1,122)	(1,122)	(1,122)	(1,122)	(1,122)
LC	(58)	(62)	(53)	(36)	(233)	(40)	(43)	(44)	(45)	(46)	(47)
MD	(86)	(140)	(144)	(85)	(284)	0	0	0	0	0	0
MA	(27)	(29)	(34)	(30)	(35)	(28)	(25)	(29)	(36)	(46)	(58)
True up	(12)	68	0	0	0	0	0	0	0	0	0
Net Fee	\$26,034	\$26,276	\$25,685	\$28,637	\$30,856	\$32,957	\$28,844	\$30,072	\$31,182	\$32,319	\$33,504
% Change		0.9%	(2.2%)	11.5%	7.8%	6.8%	(12.5%)	4.3%	3.7%	3.6%	3.7%

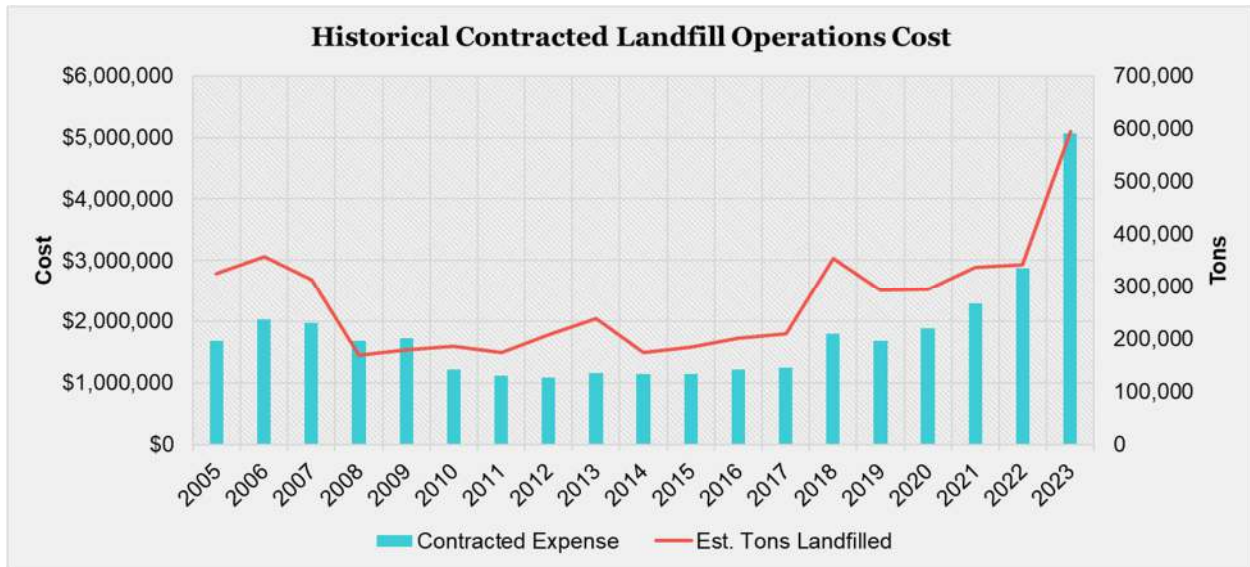
[\*] Service Fee (SF) = Operation and Maintenance (OM) Charge + Excess Tonnage Fee (ETF) + Pass-Through (PT) + Energy Credit (EC) – Resources Recovery Revenue (RRR) – Landfill Credit (LC) +/- Monthly Damages (MD) +/- Monthly Adjustment (MA)

The recent historical growth in the cost of contracted operations for the WTE facility is primarily due to increases in the amount of waste processed and indexing of service fees. On average, the cost of contracted operations for WTE is expected to average 3.6% per year during the Forecast Period.

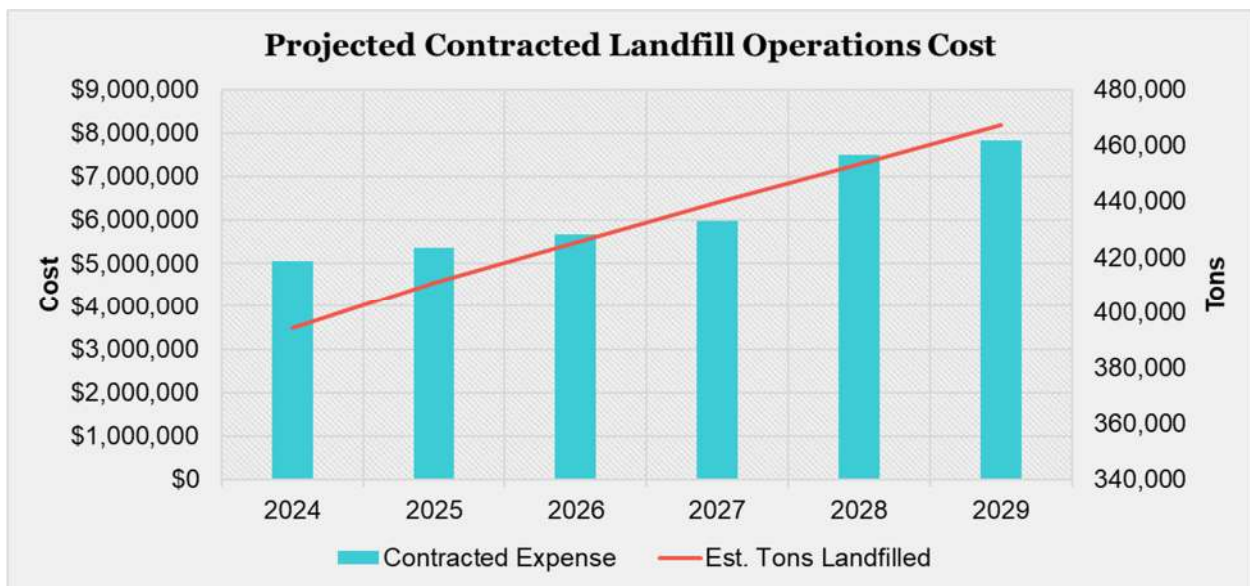
### Financial Effects of Landfill Diversions

The primary cost affected by increasing diversions of waste to the landfill is the contracted cost of operation. This cost has averaged approximately \$2.1 million annually between 2018 through 2022. However, in 2023 this cost totaled to \$5.1 million. For reference, the department has generally averaged 323,900 tons annually

between 2018 through 2022. In 2023 the department reported approximately 593,700 tons. The cost of contracted operations has generally been increasing since 2018 as shown in following chart.



Amounts shown above are provided based on reports from Department staff and the County’s contracted landfill operator. Such amounts may vary with reported inbound tonnage reports to the landfill associated with: i) tonnages processed for disposal by the County through the composting operations; ii) timing of receipt and ultimate disposal of waste in the landfill; and iii) other variances. The cost of contracted operation for the landfill has generally increased with the level of waste deliveries over time. The current agreement for operation of the landfill is based on "actual cost, plus mark-up." Labor and other operating costs for the landfill can be scaled to the level of waste deliveries. The following chart presents the forecast of contracted landfill operating expenses:



As previously discussed, Buckingham Campus has a transfer station co-located with the WTE facility. The primary purpose of the facility is for diverting MSW, recognizing that the County currently diverts minimal quantities of MSW when the facility is not in use. This forecast assumes that due to anticipated growth in waste deliveries the County would prioritize and divert increasing amounts of yard waste (may conditionally require use of the transfer station for diversion) to the landfill. This is expected to provide additional capacity at the WTE for disposal of increasing amounts of MSW. However, there are limitations on the amount of additional capacity that can be provided from diverting yard waste and or other processable materials (i.e., C&D) away from the WTE facility to the landfill. For example, seasonality of waste deliveries also has a material effect on diversion of MSW to the landfill.

### **Other Expense Forecast Assumptions**

The remaining operating expenses after the payment of contracted operations comprise approximately 22% of the total operating expenses are primarily related to the payment of Department employee labor costs and materials and supplies for operation of the facilities. In particular, the Department must fund operating expenses related to operation of the scales, transfer stations, C&D recycling facility, composting operations, fleet / vehicle maintenance, administration and management, etc. The forecast of these costs were developed based on a five-year review of the historical expenses, application of assumed escalation factors (for more information please reference Tables 8 and 9) based on the nature of the expense (e.g., certain variable costs may be escalated based inflation, growth in tonnage, etc.) and a detailed review with Department staff.

### **CAPITAL EXPENDITURES AND MAJOR MAINTENANCE**

The forecast of capital and major maintenance was provided by Department staff and generally represents the periodic renewals, replacement and improvements of System infrastructure and facilities. As previously discussed, major maintenance is not a capitalized expenditure for purposes of financial reporting (i.e., operating expenses); however, the County views such periodic expenditures as capital-related and funds such expenditures from the Renewal and Replacement Fund (i.e., excluded from Operating Expenses pursuant to the Bond Resolution). For example, the County has identified the need to repave the main road leading to the Lee/Hendry Landfill and has funded this expenditure through the Renewal and Replacement Fund as a major maintenance (and non-recurring) expenditure. The following table provides a listing of the capital projects identified.

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Listing of Identified Capital and Major Maintenance Expenditures		
Capital Project Description	Start Year	Project Cost [1]
MRF Development	2024	\$96,595,853
Landfill Connectivity	2024	476,000
Buckingham Resource Area	2024	1,800,000
LCCF Capacity Improvements	2024	8,559,799
Buckingham Scale Improvements	2024	17,716
Hendry County Transfer Station Improvements	2024	11,885,672
Parts and Equipment Storage Area	2024	837,000
Compost Facility and Well Improvements	2024	44,448
Landfill Gas Collection System	2024	4,100,000
Landfill Class I Update and Design	2024	300,000
Landfill Class III Update and Design	2024	14,896,364
Ash Landfill Closure	2024	9,456,000
Umbrella – Buckingham Upgrades	2024	2,808,099
Umbrella – Mechanical Systems	2024	132,600
Umbrella – Scales	2024	575,790
Umbrella – Generators Multiple Sites	2024	136,501
Class I Landfill Phase IV	2025	11,800,000
WTE Facilities Hardening	2024	2,714,671
Capital Project Subtotal		\$167,136,513
Major Maintenance [2]	2024-2029	\$90,637,005
Operating Budget Capital Outlay [3]	2024-2029	16,182,920
Total		<u>\$273,956,438</u>

[1] Amounts shown derived from Table 10.

[2] Amounts shown reflect periodic major maintenance expenses that are not capitalized, however are funded from the Renewal and Replacement Fund (i.e., excluded from Operating Expenses as defined in the Bond Resolution) and more similar to a capital expenditure (e.g., road repaving).

[3] Represents annually recurring purchases of minor capital, equipment, and other capitalized expenses included in the annual operating budget.

As shown above, the County has identified approximately \$274.0 million in total capital projects. The largest projects in the plan are projects related to facility expansion (i.e., materials recovery facility and landfill expansions), which account for approximately \$132.2 million or 48% of the total capital improvement funding requirements for the Forecast Period. The largest maintenance related projects in the plan are related to life extension (i.e., waste to energy facility life extension), which account for approximately \$77.2 million or 28% of the total capital improvement funding requirements for the Forecast Period. The following table provides a summary of the funding plan for the Forecast Period:

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Capital Funding – Fiscal Years 2024-2029 [*]		
Description	Amount	Percent
Rate Revenue	\$16,182,920	5.9%
System Reserve Fund	88,716,513	32.4%
Renewal and Replacement Fund	29,223,834	10.7%
Proposed Debt	139,833,171	51.0%
Total Funding	<u>\$273,956,438</u>	<u>100%</u>

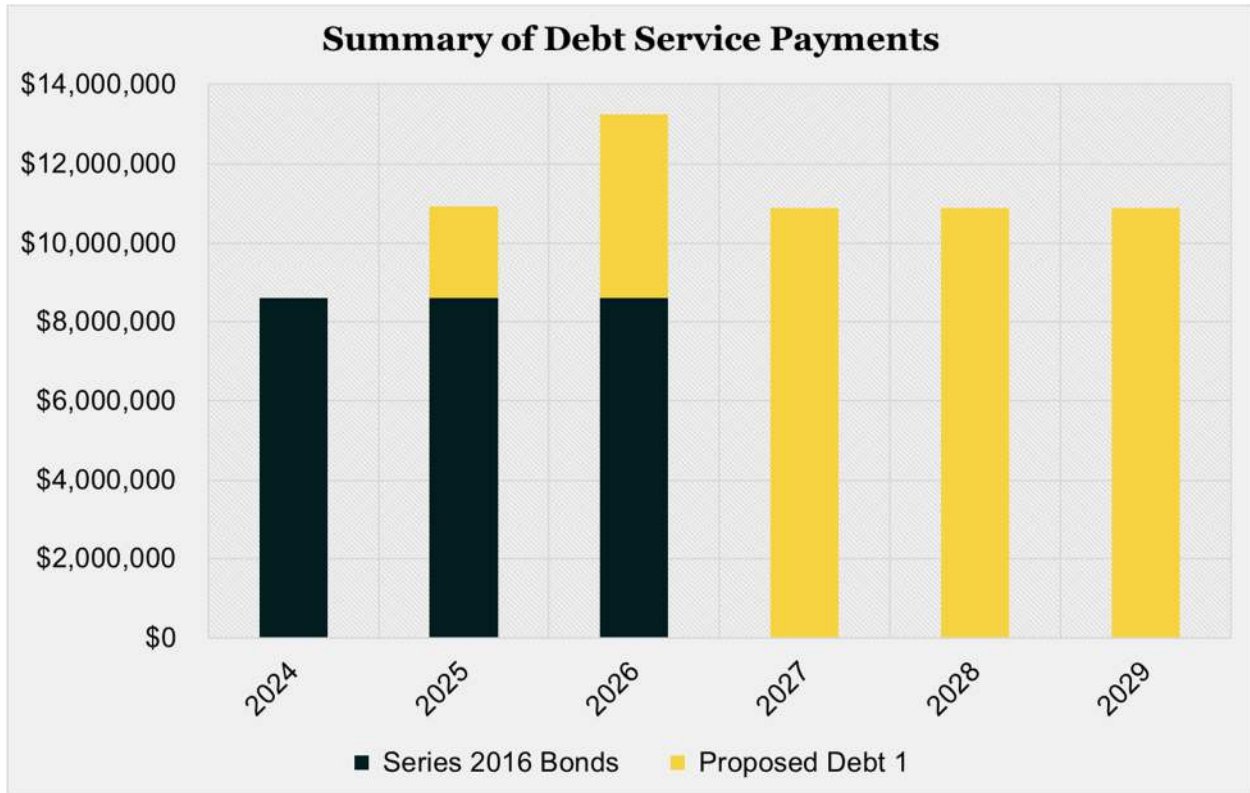
[\*] Amounts shown derived from Table 10.

Table 10 at the end of this report provides additional detail concerning the projected capital and major maintenance needs and funding sources for the Forecast Period. As previously discussed, the County has completed a master plan to address the issue of the disposal facility capacity of the System. This financial forecast does not recognize any additional capital needs that may be identified as part of the master plan, with the exception of the previously mentioned MRF and landfill expansion, which could result in the need to raise rates beyond what is currently identified in this Study.

## DEBT SERVICE

As of October 1, 2023, the System had debt outstanding of approximately \$23.4 million, which is exclusive of amortized premiums and discounts. The outstanding debt is associated with the Series 2016 Bonds; no other services or subordinated debt is outstanding for the System. The associated debt service for the Series 2016 Bonds represents level payments of approximately \$8.6 million annually with final repayment in Fiscal Year 2027 and accrued in Fiscal Year 2026. The forecast assumes the issuance of additional debt during the Forecast Period for construction of the previously discussed MRF, among other projects. It is assumed the County will use a line of credit to fund approximately \$80 million in projects in Fiscal Years 2025 and 2026 with senior lien bonds of approximately \$130 million in project fund deposits assumed to be issued in Fiscal Year 2026 to repay the line of credit and fund the remaining project costs. The bond financing assumptions include a 20-year term, and an interest rate of 4.66% which results in an estimated average annual debt service payment of \$10.9 million by Fiscal Year 2029. The chart below provides a summary of the existing and projected annual debt service payments:

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### CLOSURE AND POST-CLOSURE TRANSFERS

Pursuant to the Florida Administrative Code (Code) 62-701.630, landfill operators within the State are required to demonstrate financial assurance for the final closure and subsequent on-going post-closure costs. The Code identifies several methods for demonstrating financial assurance, but the most common is to set aside funds as landfill capacity is used in a restricted fund. This is the method employed by the County in demonstrating financial assurance. The Florida Department of Environmental Protection requires the County to annually submit proof of compliance with the financial assurance requirements of the Code.

The projected costs of closure and post-closure or long-term care are estimated at the time of permit renewal, typically every five (5) years. The costs are determined based upon surveys of costs associated with closure and long-term care at the time of the permit renewal, which are reviewed by engineers and FDEP staff. While the closure cost is a one-time event, long-term care or post-closure expenses represent the cumulative cost of annual operating expenses such as grounds maintenance, security, site monitoring, or other operating costs for a 30-year period after closure. Once the closure and long-term care costs have been estimated during permitting, such costs are then escalated annually to account for inflation based on approved inflation factors by the FDEP. Closure and post-closure cost estimates are then not formally re-evaluated until the subsequent permit renewal or there are changes to the closure and long-term care plan. Additionally, closure liability is only calculated for active landfill cells that have received or are currently receiving waste.

In order to estimate the capacity utilization of the landfill to determine the allocable closure liability / costs that are required for determination of financial assurance compliance, the County annually contracts for a fly-over to define the elevation of the landfill surface and calculate the volume of permitted landfill volume used during

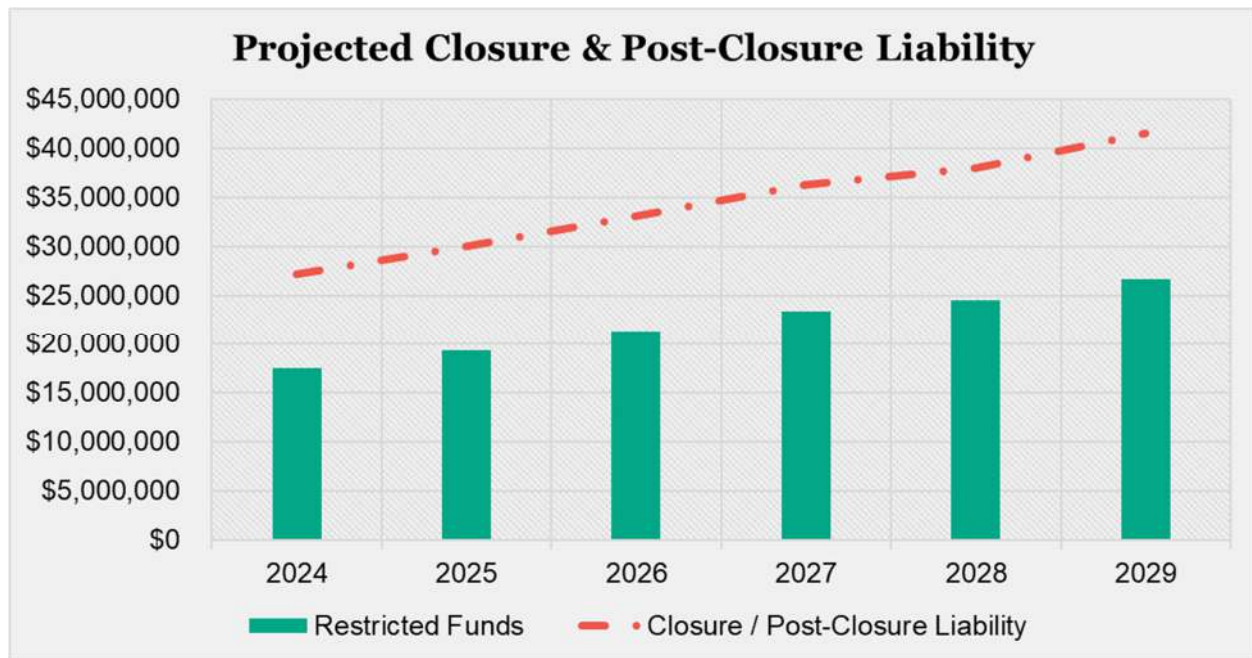


the previous year. This data provides accurate information to allow the Department to identify the remaining air space or volume of permitted capacity remaining in the constructed cells. The following table provides a comparison of the estimated liability based on the landfill’s capacity utilization and the corresponding cash reserves reported to be held by the Department within the Closure Fund:

Estimated Closure and Post-closure Liability as of September 30, 2023				
Active Landfill Sites	Closure	Post-closure [*]	Total	Restricted Funds
Ash Monofill	\$4,787,808	\$3,251,181	\$8,038,989	N/A
Class I Landfill	5,666,844	1,940,001	7,606,845	N/A
Class III Landfill	4,742,433	3,595,296	8,337,728	N/A
<b>Total</b>	<b>\$15,197,085</b>	<b>\$8,786,478</b>	<b>\$23,983,562</b>	<b>\$12,712,305</b>

[\*] Amounts shown reflect the cumulative post-closure liability allocable to the County based on the pro-rata share of the capacity utilized calculated assuming a 30-year maintenance expense liability for the ash monofill, and Class III landfill.

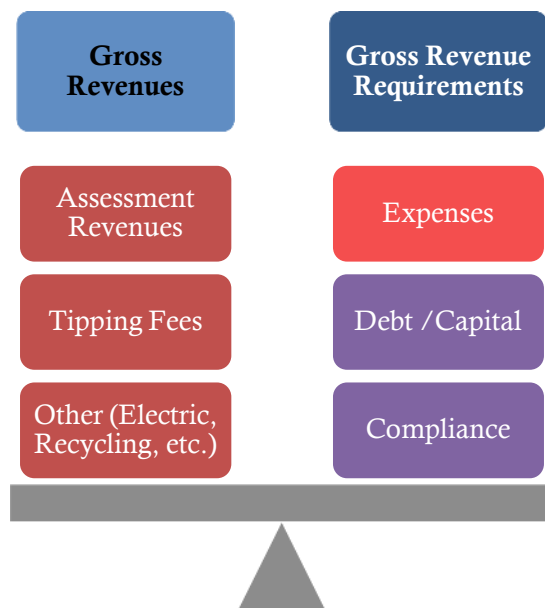
As shown in the table above, the County has restricted approximately \$12.7 million representing approximately 54% of the allocable long-term liability as of September 30, 2023. The forecast assumes reaching 100% of the current closure liability and one year of the post-closure liability for the Forecast Period. If financial conditions improve, it is recommended the County consider fully funding the combined closure and post-closure liability in order to match the cost of closure with the disposal of waste. The chart below presents a forecast of the cumulative liability and restricted funds for closure:



It is projected that the County will require transfers to the Closure Fund beginning in Fiscal Year 2024 to maintain the minimum balance mentioned above. The forecast assumes transfers to the closure funds averaging approximately \$2.0 million annually for the Forecast Period. It should be noted that closure fund liability is expected to grow at a faster rate than in recent years due to increased diversions to the landfill.

## Section 8: Revenue Sufficiency and Financial Compliance

The foundation of the study and the primary objective of the solid waste rates are to reasonably recover the cost of providing service, cost of infrastructure investment and compliance with covenants of the outstanding bonds and internal fiscal targets (referred to as the “Revenue Sufficiency” evaluation).



Based on the assumptions and findings of this analysis the following table provides a summary of the identified revenue adjustments for the Forecast Period recognizing financial projections under current operations.

Identified Rate Revenue Adjustments by Fiscal Year [1]					
Description	Proposed	Identified			
	2025 [2]	2026	2027	2028	2029
<b>Disposal Assessment / Tip Fee Rev.</b>					
Percent Adjustment	6.53%	4.00%	4.00%	4.00%	4.00%
Incremental Revenue Addition	\$5.48m	\$3.63m	\$3.82m	\$4.03m	\$4.24m
Cumulative Revenue Addition	\$5.48m	\$9.11m	\$12.93m	\$16.96m	\$21.20m
<b>Collection Assessment Revenues</b>					
Percent Adjustment [2]	6.00%	12.00%	12.00%	12.00%	12.00%
Incremental Revenue Addition	\$2.22m	\$4.79m	\$5.44m	\$6.17m	\$6.97m
Cumulative Revenue Addition	\$2.22m	\$7.01m	\$12.45m	\$18.62m	\$25.59m

[1] Reflects identified increases to revenues from the collection / disposal assessment and tipping fees for service. It should be noted that the amounts shown reflect the increase to rate revenues from increases to fees only and do not reflect any increases or decreases from changes in assumed waste generation.

[2] Fiscal Year 2025 reflects projected increases to recover estimated cost of contracted collection services and may vary based on actual realized increases in such costs.

The revenue increases are necessary to ensuring adequate cash reserves and appropriate cash flows produce a sustainable long-term financial plan that can mitigate the financial and operating risk from unanticipated or sudden events to financial operations (e.g., reduced electric sales, reduced growth or tonnages unanticipated or extraordinary outages, unfunded mandates, etc.).

## COLLECTION REVENUE REQUIREMENTS

In order to develop rates for solid waste disposal and collection services, the revenue requirements were allocated among the disposal and collection operations. The collection fee as a component of the residential solid waste assessment only recovers the direct contracted cost of collection. The following table presents the allocated collection system revenue requirements:

Collection Net Revenue Requirements and Revenue Sufficiency (\$000s) [1]						
Description	Projected Fiscal Year Ending September 30,					
	2024	2025	2026	2027	2028	2029
Operation and Maintenance Expenses	\$47,405	\$48,661	\$51,372	\$53,858	\$56,352	\$58,849
Annual Debt Service	0	0	0	0	0	0
Transfers and Capital	0	0	0	0	0	0
Gross Revenue Requirements	\$47,405	\$48,661	\$51,372	\$53,858	\$56,352	\$58,849
Less Income / Funds from Other Sources:						
Investment Income	\$0	\$0	\$0	\$0	\$0	\$0
Contracted Fines [2]	25	25	25	25	25	25
Total	\$25	\$25	\$25	\$25	\$25	\$25
Net Collection Funding Requirements	\$47,380	\$48,636	\$51,347	\$53,833	\$56,327	\$58,824
Collection Assessment Revenue – Existing Rates	\$36,218	\$37,050	\$37,667	\$38,189	\$38,639	\$39,017
Rate Revenue Adjustments [3]	n/a	6.00%	12.00%	12.00%	12.00%	12.00%
Adjusted Collection Revenue	\$36,218	\$39,273	\$44,719	\$50,779	\$57,542	\$65,077
Net Transfers To / (From) Reserves [4]	(\$11,162)	(\$9,363)	(\$6,628)	(\$3,054)	\$1,215	\$6,253

[1] Amounts shown derived from Table 14 at the end of this report. Totals may vary due to rounding.

[2] Reflects minor revenues from fines related to the monitoring of contracted collection.

[3] Reflects the current period percent increase in collection revenues.

[4] Reflects assumed transfers to / (from) reserves.

Based on the allocation of costs, a primary driver for the increase in the identified residential collection assessment is related to increases in the cost of contracted collections.

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## DISPOSAL REVENUE REQUIREMENTS

The balance of all other revenue requirements is allocable to the disposal function of operation for the System. The following table presents the allocated disposal system revenue requirements:

Disposal Net Revenue Requirements and Revenue Sufficiency (\$000s) [1]						
Description	Projected Fiscal Year Ending September 30,					
	2024	2025	2026	2027	2028	2029
Total Operating and Maintenance Expenses [2]	\$89,842	\$87,843	\$91,568	\$95,278	\$100,502	\$103,962
Annual Debt Service:						
Series 2016 Bonds	\$8,596	\$8,595	\$8,605	\$0	\$0	\$0
Proposed Debt	0	2,345	4,633	10,894	10,894	10,899
Transfers and Capital [3]	\$7,393	\$9,099	\$11,278	\$17,699	\$22,341	\$29,916
Gross Revenue Requirements	\$105,831	\$107,881	\$116,084	\$123,872	\$133,738	\$144,777
Less Income / Funds from Other Sources:						
Investment Income	\$1,018	\$1,167	\$1,068	\$993	\$1,082	\$1,340
Net Electric Revenue	11,062	8,519	8,518	8,517	8,516	8,515
Franchise Fees	2,941	2,990	3,040	3,087	3,133	3,176
WTE Ferrous / Non-ferrous	1,122	1,122	1,122	1,122	1,122	1,122
Miscellaneous Revenue	7,713	7,860	7,992	8,119	8,244	8,365
Compost Sales	196	196	196	196	196	196
Other Revenues [4]	5,301	5,374	5,430	5,487	5,543	5,600
Total	\$29,353	\$27,229	\$27,366	\$27,521	\$27,836	\$28,314
Net Disposal Funding Requirements	\$76,478	\$80,652	\$88,718	\$96,350	\$105,901	\$116,462
Assessment and Tip Fee Revenue – Adopted Rates	\$82,687	\$83,966	\$85,139	\$86,272	\$87,361	\$88,433
Current Period Rate Revenue Adjustments [5]	n/a	6.5%	4.0%	4.0%	4.0%	4.0%
Adjusted Disposal Revenue	\$82,687	\$89,449	\$94,326	\$99,405	\$104,687	\$110,209
Surplus / (Deficiency) [6]	\$6,209	\$8,797	\$5,608	\$3,054	(\$1,215)	(\$6,253)

[1] Amounts shown derived from Table 13 at the end of this report. Totals may vary due to rounding.

[2] Amounts shown include the gross expenses of the system, including the cost of shared or remitted revenues such as, franchise fees collected on behalf of the County and shared electric revenues due to the County's contracted WTE facility operator.

[3] Reflects transfers to the landfill closure fund, transfers to the recycling fund from recovered materials revenues and funding for certain capital equipment identified from the capital program.

[4] Includes revenues from advance disposal fees related to the C&D ordinance, contracted disposal of sludge and other miscellaneous revenues.

[5] Reflects the current period percent increase in disposal revenues.

[6] Reflects assumed transfers to / (from) operating reserves.

As shown above, the existing disposal assessment and tipping fee revenues are not projected to be sufficient to fund the disposal-related revenue requirements of the System due to increases in the cost of operation, capital funding, and anticipated declining income and funds from other sources (e.g., recycling revenues), which serve to offset the funding requirements of the disposal assessment and fees. For more information on the proposed

Fiscal Year 2025 rates for service, please reference Section 9 of this report, which provides details concerning the application of the proposed increases to rates.

## **BOND RESOLUTION AND RATE COVENANT COMPLIANCE**

Upon issuance of the Series 2016 Bonds, the Bond Resolution took effect and superseded the prior Trust Indenture. The Bond Resolution recognized, among other things, certain changes to the definitions, creation of funds, and calculation of compliance with the Rate Covenant. The following provides a listing of the primary changes to the definitions and creation of funds, which affect the determination of projected operating results and compliance with the Rate Covenant. The following does not represent an authoritative or complete listing of changes from the prior Trust Indenture to the Bond Resolution.

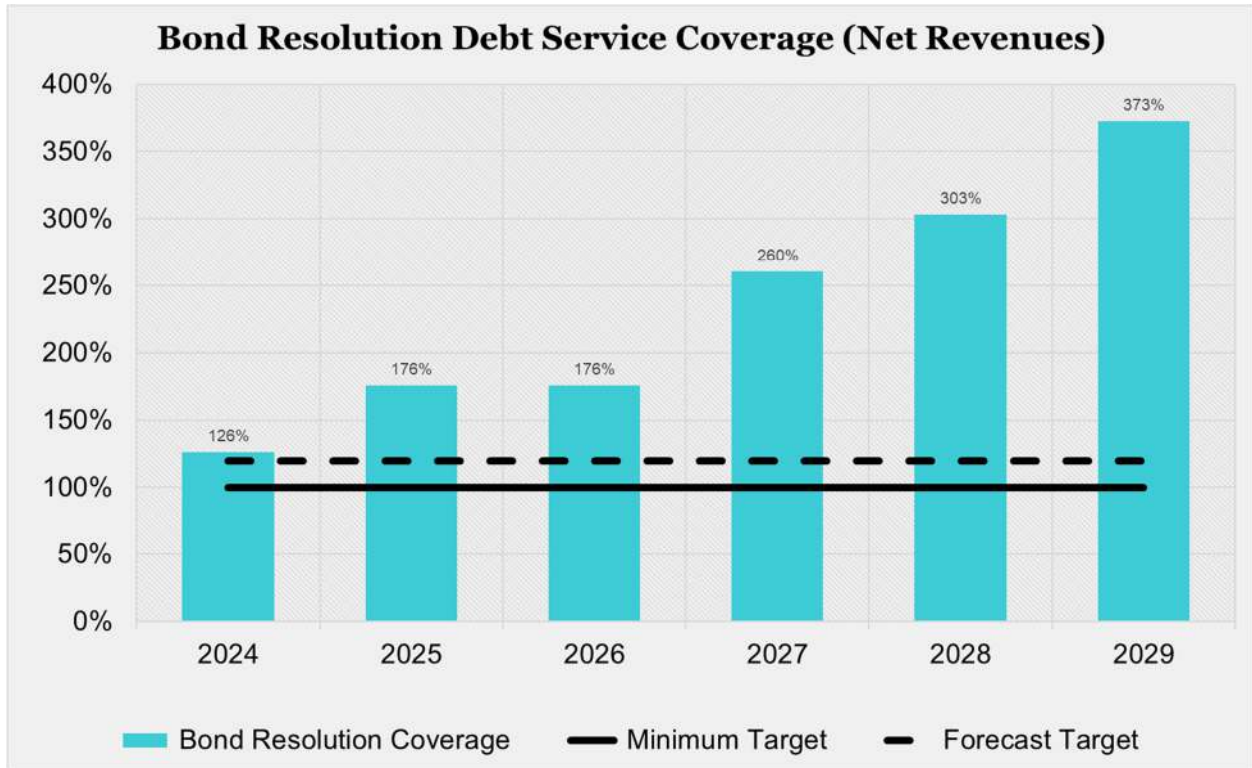
1. The Bond Resolution provides for the creation of the Rate Stabilization Fund. The Rate Stabilization Fund represents a reserve available for the needs of the System to minimize the risk of default on the payment of Annual Debt Service for the Bonds. For compliance with the Rate Covenant, transfers from the Rate Stabilization Fund may be recognized as a component of Gross Revenues up to the Rate Stabilization Amount if transferred within 120 days of the respective close of the Fiscal Year, further defined as an amount not greater than 25% of prior year's ending cash balance within the Rate Stabilization Fund. Conversely, Funds transferred to the Rate Stabilization Fund have the effect of reducing Gross Revenues for determining compliance with the Rate Covenant.
2. The definition of Gross Revenues was revised to include:
  - a. Recovered Materials Revenues derived from the operation of the MRF.
  - b. Transfers from the Rate Stabilization Fund, up to the Rate Stabilization Amount, having the effect of increasing Gross Revenues.
  - c. Transfers to the Rate Stabilization Fund having the effect of decreasing Gross Revenues.
3. The definition of Operating Expenses was revised to exclude:
  - a. OPEB accruals and instead recognizes actual OPEB outlays.
  - b. Expenses funded from the Renewal and Replacement Fund (i.e., major maintenance or extraordinary expenditures).
4. The required transfer to the Renewal and Replacement Fund are governed by the flow of funds described in Section 4.05 of the Bond Resolution and the definition of the Renewal and Replacement Fund Requirement. The specific changes to the Bond Resolution are related to the required minimum annual deposit should the balance within the Renewal and Replacement Fund be less than the Renewal and Replacement Fund Requirement. The minimum annual transfer is established as either:
  - a. 5% of prior year's Gross Revenues; or
  - b. Such other amount as recommended by the Consulting Engineers.

The change is intended to support a minimum transfer to the Renewal and Replacement Fund that may be more appropriate, at times, than the default of 5% of prior year's gross revenues.

5. As previously discussed, the Debt Service Reserve Account Requirement, is defined as an amount equal to the lesser of:
  - a. Maximum Annual Debt Service for all Outstanding Bonds secured thereby;
  - b. 125% of the average Annual Debt Service for all Outstanding Bonds secured thereby;
  - c. the maximum amount of Bond proceeds which may be deposited to the Debt Service Reserve Account without subjecting the same to yield restriction under the Code provided; or
  - d. The County may establish by Supplemental Resolution a different Debt Service Reserve Account Requirement with respect to any particular Series of Bonds, which Debt Service Reserve Account Requirement may be \$0.00.
  
6. The Rate Covenant for the Bond Resolution is a two-part test as follows:
  - a. Net Revenues, together with the Net Position, must equal at least 120% of the Annual Debt Service becoming due in such Fiscal Year; and
  - b. Net Revenues shall be adequate at all times to pay in each Fiscal Year at least (1) 100% of the Annual Debt Service becoming due in such Fiscal Year, and (2) 100% of any amounts required by the terms thereof to be deposited in the Renewal and Replacement Fund or the Debt Service Reserve Account or with any issuer of a Debt Service Reserve Account Letter of Credit or Debt Service Reserve Account Insurance Policy in such Fiscal Year to pay Policy Costs.

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For informational purposes, projected compliance with the Rate Covenant was evaluated for the Forecast Period and presented as follows:



Prior to the Fiscal Year 2016, the Department had experienced recurring declines in the debt service coverage and resulted in a credit rating downgrade by Moody’s Investor Service from A3 to Baa1<sup>[6]</sup>. In response, the County adopted a series of rate adjustments over the last several years, which have significantly improved the Net Revenues of the System. As shown in the chart above, and assuming the implementation of the identified rate revenue increases, the System Net Revenues are projected to produce sufficient revenues to generate debt service coverage equal to or above the minimum target (i.e., coverage requirement in the Bond Resolution) for the entire Forecast Period. For additional information concerning the calculation of historical and projected compliance with the Rate Covenant, please reference Tables 16 and 17 found at the end of this report.

**RECOMMENDED FINANCIAL TARGETS**

Recognizing the credit downgrade as previously discussed and the desire for the long-term financial sustainability of the County’s solid waste enterprise fund, it is recommended that the County consider minimum financial targets in order to promote the creditworthiness of the System. The following objectives were recognized in consideration of the financial targets:

- Maintain adequate reserves to provide hedges against unplanned events associated with: i) sudden changes in market demand for sale of recovered materials; ii) revenue reductions / increased costs

[6] Moody’s provides the following rankings for investment grade credits from highest to lowest as follows: Aaa, Aa1, Aa2, Aa3, A1, A2, A3, Baa1, Baa2, Baa3.

associated with short- or long-term facility outages, including changes in the determination of the rates earned from the sale of electricity generated from the County’s existing or future facilities; and iii) non-recurring expenditures needed in instances of emergencies or Force Majeure Incidents (as later defined).

- Target minimum financial metrics greater than those required by the Bond Resolution or subordinate loan agreements to promote the increased ability to be in compliance with the various rate and financial covenants of such agreements.
- Maintain adequate rates and charges to produce sufficient revenues and financial margins to fully cover operating expenses, debt service payments, identified capital expenditures, required transfers and funding for cash reserve targets.
- Maintain and promote a strong financial condition aimed at preserving and enhancing the Enterprise Fund bond ratings to minimize capital project financing costs and promote long-term System sustainability.
- The desire to maintain reasonable and well-justified levels of rates and fees over the long run, in accordance with good business practices.

In general, the financial targets are more restrictive than the minimum legal requirements as may be contained in Bond Resolution or subordinate loan agreements as later defined. The following table provides a brief summary of the principal financial metrics and targets recommended and reflected in the financial plan presented in this Study:

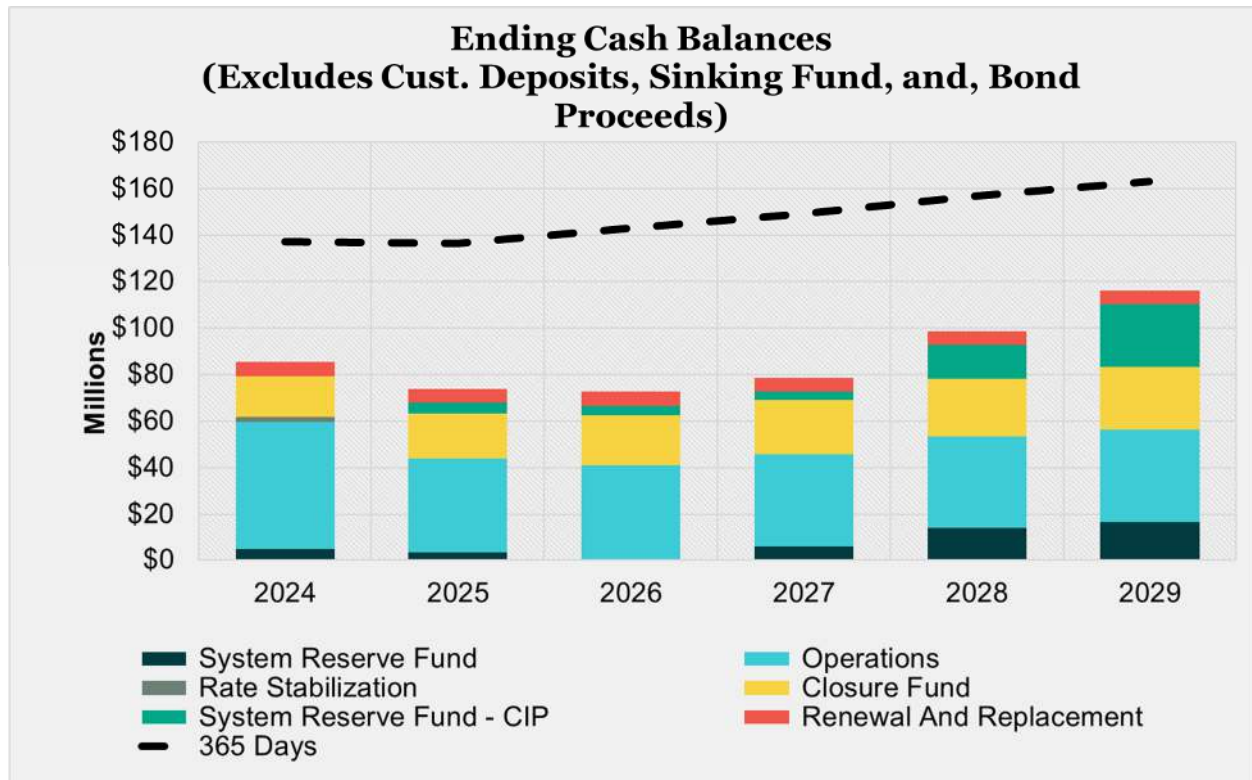
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Financial Metrics and Targets		
Description	Basis	Purpose
<b>Minimum Cash Reserves:</b>		
1.1) Operating Reserve Target	Maintain a minimum of 150 days of operating expenses within operating reserve cash balances.	To promote the maintenance of a minimum working capital reserve balance for operating needs of the System and unexpected loss of revenues (e.g., reduction in electric revenue) or increases in costs.
1.2) Capital Reserve Target	Maintain the greater of: a) 6% of prior year's gross assets; or b) the average annual cost of the five- or 10-year CIP.	To promote the maintenance of a minimum capital reserve balance for System capital needs (e.g., renewals and replacements) and to allow for ongoing capital re-investment.
1.3) Closure Target	Maintain the estimated liability of landfill closure costs + one year of post-closure liability.	Represents a minimum cash funded reserve for the future closure and post closure care of the landfill.
1.4) Aggregate Reserve Target	Maintain an aggregate reserve balance at least equal to one year of budgeted Operating Expenses.	Reflects an aggregate cash reserve balance in order to maintain the credit worthiness of the System.
<b>Debt Capacity and Coverage:</b>		
2.1) Debt Capacity	Maintain a minimum Debt to Revenue Ratio from 4.0× to 6.0× calculated as:  = [Outstanding Principal All-in Debt – Cash Balance in Debt Service Reserve Account] / [Gross Revenues – Transfers from Rate Stabilization Fund]	Provides a maximum range of indebtedness to be issued by the System based on financial metrics utilized by credit rating agencies in the evaluation of the debt capacity of a solid waste enterprise fund. It should be noted that the debt to revenue ratio was assumed in lieu of the debt to net equity ratio since it may be difficult to estimate the net equity associated with the County's WTE facility since repairs and replacements are performed by the County's Contract Operator.
2.2) All-in Coverage	Maintain at least 1.20× all-in debt coverage.	Represents a key financial metric used in assessing the creditworthiness of the Department.
<b>Capital Reinvestment:</b>		
3.1) Capital Reinvestment	Transfer at least five percent of prior year's Gross Revenues, excluding collection revenues, to capital reserves.	Intended to promote a minimum transfer for capital needs of the System.

The County is expected to meet or exceed the recommended targets assuming implementation of the identified rate revenue adjustments by the end of the Forecast period with the exception of *1.4) Aggregate Reserve Target*, which is projected to remain below target for the Forecast Period.

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As shown in the prior table, it is projected that cash reserves are expected to decline during initial period of the Study primarily associated with identified capital funding requirements of the System and increased operating expenses, but generally increase toward the targeted cash reserves equal to 12 months of operating expenses during the Forecast Period.

## Section 9: Cost of Service and Rate Design

Based on the recommended financial targets, projected cost of revenue requirements and identified rate adjustments, the net system revenue requirements were evaluated relative to the current rate structure comprised of:

- Residential Collection and Disposal Assessments
- Solid Waste System Assessment (i.e., Disposal Facility Assessment and Recycling Assessment)
- Assessed Billing Charge
- Solid Waste Operations and Right of Way Surcharges
- Tipping Fees by Type of Waste

Costs were allocated by budgetary line item to the various charges based on a rational nexus among the costs and the respective fees. Adjustments to the allocated rates were then made to recognize: i) benefits of an integrated solid waste operation; ii) market comparisons; iii) pricing incentives to discourage out-of-town waste;

and iv) general rounding of rates for ease of billing. The following table provides a brief summary of the principal assessments and fees adopted for the Fiscal Year 2025:

Summary of Historical, Existing, and Proposed Rates			
Description	Historical 2023	Existing 2024	Proposed 2025
<u>Assessments:</u>			
Collection (Avg. Areas 1-5) [1]	\$185.79	\$192.09	\$203.62
Disposal MSW [2]	59.96	63.56	67.37
Disposal Yard Waste [3]	6.62	7.02	7.44
Disposal Facility Assessment Charge [2]	18.61	18.61	19.73
Recycling [4]	11.05	11.05	11.71
Surcharges	0.00	0.00	0.00
Billing Fee	2.45	2.45	2.45
Early Prepayment Gross Up (4%)	11.85	12.28	13.01
Gross Assessment Average for Areas 1-5 [5]	\$296.33	\$307.06	\$325.33
Assessment Paid in February = 1% Discount	\$293.37	\$303.99	\$322.08
Assessment Paid in January = 2% Discount	290.40	300.92	\$318.82
Assessment Paid in December = 3% Discount	287.44	297.85	\$315.57
Assessment Paid in November = 4% Discount	284.48	294.78	\$312.32
<u>Tipping Fees per Ton by Waste Type:</u>			
MSW [6]	\$59.96	\$63.56	\$67.37
Commercial Horticulture / Yard Waste	38.58	39.97	42.37
Residential Horticulture / Yard Waste	31.00	32.86	34.83
C&D	61.72	63.94	67.78
Class III	61.72	63.94	67.78
Tires	160.00	160.00	225.00
Recycling	41.12	41.12	43.59
Surcharges per MSW Ton [6][7]	\$0.00	\$0.00	\$0.00
Disposal Facility Assessment per Ton [8]	\$18.61	\$18.61	\$19.73

Table footnotes on following page.

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*Table footnotes:*

- [1] Amounts shown reflect the average fee charged for the franchise collection areas 1-5.
- [2] County assesses residential customers the MSW disposal and the Disposal Facility Assessment based on the following waste generation assumptions:
- |                  |                  |                  |
|------------------|------------------|------------------|
| FY23 – 1.00 Tons | FY24 – 1.00 Tons | FY25 – 1.00 Tons |
|------------------|------------------|------------------|
- [3] County assesses residential customers the Yard Waste Assessment based on the following waste generation assumptions:
- |                  |                  |                  |
|------------------|------------------|------------------|
| FY23 – 0.17 Tons | FY24 – 0.18 Tons | FY25 – 0.18 Tons |
|------------------|------------------|------------------|
- [4] County assesses residential customers the Recycling Assessment based on the waste generation assumption of 0.27 tons per unit.
- [5] Reflects gross assessments before early prepayment discounts as allowed by Florida Statutes, Chapter 197.
- [6] Unincorporated waste generated by commercial and multi-family customers is charged a gate fee per ton including the addition of the base tipping fee plus applicable surcharges per ton for MSW deliveries. Currently the County does not charge for any surcharges.
- [7] Amounts shown are not charged to municipal customers, with exception to Fort Myers Beach, Bonita Springs, and the Village of Estero for which the County provides collection services and assess any applicable surcharges pursuant to interlocal agreement. Currently the County does not charge for any surcharges.
- [8] Presented for informational purposes only since the disposal facility assessment charge is charged to all customers by assessment and to Hendry County as part of their gate fee.

The identified disposal fees and collection fees are targeted to generate a net increase in revenues of approximately \$5.8 million and \$2.2 million, respectively. The following provides a brief discussion concerning the rate design assumptions in development of the rates:

**Disposal Fees:**

- Tipping Fees: The cost-of-service allocations for various tipping fees were performed based on discussions with Department staff and reflected consideration of the pro-rata share of the cost of disposal recognizing the actual means of disposal for each respective type of waste processed by the County.
- Surcharges: No surcharges are identified in the Fiscal Year 2023 rate design. Identified costs associated with solid waste operations were funded through the application of net franchise fee revenues. The nexus of the application of the franchise fee revenues to the surcharges relates to the link among the unincorporated customers associated with the generation of the franchise fee revenues and those same customers, which would pay the surcharges.
- Disposal Facility Assessment: The Disposal Facility Assessment (also called the Solid Waste System Assessment when combined with the Recycling Assessment) is designed to recover the fixed costs of the System associated with operation of the disposal facilities.

**Billing Fees:** The billing fee represents a pass-through of the cost associated with charges from the County's property appraiser and tax collector. The fee is equivalent to the fee to be charged by the property appraiser and tax collector.

**Collection Fees:** Based on the anticipated increases in contractual collection costs, Raftelis was asked to develop a phased rate plan that fully recovered the cost of collection by the end of the forecast period. Department staff are also considering unifying the collection rate among the varying collection areas. While the contract unit rate varies by franchise area, the level of service does not change. Additionally, by having

multiple franchise collection haulers the County has redundancy and options to provide service in the event hauler operations are disrupted. This provides an overall system benefit to the customers.

### **EARLY PREPAYMENT DISCOUNT**

Pursuant to Florida Statutes, customers may elect to receive a discount of up to 4% if they pay all of the charges and taxes included on the ad valorem tax bill prior to the due date of the bill. The residential solid waste assessment is collected with the tax bill as allowed by Florida Statutes, Chapter 197. The majority of residential customers in the County pay taxes and the solid waste assessment early and receive a discount. The adopted assessment for the Fiscal Year 2023 assumes a mark-up to the calculated fee for the early payment discount. Therefore, if the full four percent (4%) discount is recognized by a property owner the County will collect the full rate for service (after the discount is applied); the mark-up of fees included on the ad valorem tax bill is customary and allows the solid waste enterprise fund to fully collect the fees for service.

### **CUSTOMER IMPACT**

The residential solid waste bill is expected to increase approximately \$18.27 on average (i.e., \$1.52 per month) for Fiscal Year 2025 assuming the residential customer receives the same discount from the prior year. Due to the early prepayment discount, the actual charge a customer pays may vary.

Residential customers within the municipalities of Cape Coral, Fort Myers, and Sanibel disposing of waste to County facilities may see their annual disposal charges increase approximately \$6.01 (i.e., \$0.50 a month) for Fiscal Year 2025 assuming application of the adopted tipping fees to assumed deliveries of 1.00 tons of MSW and 0.21 tons of yard waste. It should be clarified that the County is not responsible for collection nor charges such customers for curbside collection for which the respective municipalities administer and control.

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## RATE COMPARISON

The following table provides a summary of comparable fees charged by other Florida solid waste systems for collection and disposal service to the existing and adopted fees for the County:

Solid Waste Fee Comparison with Other Florida Systems							
Description	Residential Assessment			Tipping Fees			
	Collection	Disposal	Total	MSW	C&D	Yard Waste	Tires
Lee County – Existing [1][2]	\$187.60 – \$205.52	\$102.69	\$294.52 – \$320.77	\$63.56	\$63.94	\$39.97	\$160.00
Lee County – FY25 [1][2]	\$203.62	\$108.70	\$325.33	\$67.37	\$67.78	\$42.37	\$225.00
<b>Other Systems with Waste-to-Energy Facilities:</b>							
Broward County [3]	N/A	N/A	\$487.00	\$65.00	\$65.00	\$50.00	\$130.00
Hillsborough County [4]	\$284.88	\$152.63	\$437.51	\$104.60	\$77.48	\$48.11	\$186.25
Miami-Dade County [5]	N/A	N/A	\$509.00	\$107.80	\$107.80	\$107.80	\$140.00
Palm Beach County [4]	\$194.00 – \$371.00	\$188.00	\$382.00 – \$559.00	\$42.00	\$65.00	\$35.00	\$100.00
Pasco County [4]	N/A	N/A	\$327.48	\$91.25	\$91.25	\$91.25	\$200.00
Pinellas County [4]	N/A	N/A	\$216.00	\$51.00	\$51.00	\$51.00	\$150.00
City of Tampa [4]	N/A	N/A	\$418.92	\$71.00	\$51.00	\$71.00	\$121.00
<b>Systems without Waste-to-Energy Facilities:</b>							
Charlotte County [2]	N/A	N/A	\$292.28	\$39.28	\$39.28	\$39.28	\$125.46
Collier County [4]	N/A	N/A	\$249.29	\$86.91	\$96.52	\$57.48	\$235.74
Hernando County [4]	\$194.88	\$94.91	\$289.79	\$60.50	\$76.00	\$54.50	\$150.00
Manatee County [4]	N/A	N/A	\$283.80	\$40.00	\$61.00	\$40.00	\$86.00
Polk County [2]	\$144.50	\$62.00	\$206.50	\$36.50	\$36.50	\$22.00	\$300.00
Sarasota County [2]	N/A	N/A	\$233.59	\$59.08	\$58.19	\$46.05	\$290.61
Other System Averages	\$229.43	\$99.51	\$373.62	\$64.67	\$66.18	\$54.57	\$169.12

- [1] Amounts shown for the residential assessment reflect the gross assessment before early prepayment discounts. The billing charge is included as a component of the residential disposal assessment.
- [2] Denotes residential collection service at one day per week for garbage, recycling, and yard waste collection.
- [3] Broward County residential collection includes two days per week for garbage collection, one day per week for recycling collection and one day per month yard waste collection.
- [4] Denotes residential collection service at two days per week for garbage collection and one day per week for recycling and yard waste collection. Note garbage collection service in Pinellas County is for one or two days per week depending on location.
- [5] Miami-Dade County residential collection service includes two days per week for garbage / yard waste collection and one day every other week for recycling collection.

As shown above, the proposed rates for Fiscal Year 2025 are projected to remain competitive when compared to the average rates of other surveyed counties for similar solid waste service.

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## Section 10: Findings

Based on the findings of this study the following observations are provided for consideration by the BOCC and County administration:

- The existing disposal and collection fees for service are not sufficient to fund the identified funding requirements of the System and it is recommended that the BOCC implement the adopted rates for the Fiscal Year 2025.
- The County should adjust the collection assessment to fully recover the costs of the franchise collection costs and associated disposal costs by implementing the proposed rate increases for the Forecast Period.
- Recognizing the uncertainty surrounding changes in market conditions and the timing of the need for additional disposal capacity, staff should continue to closely monitor and perform annual financial projections to assess the sufficiency of System revenues to meet the expenditure needs of the System and for compliance with the rate covenants and flow of funds requirements delineated in the Bond Resolution and need for additional rate adjustments; and
- The County should regularly review and update the financial plan to evaluate trends in service area growth, solid waste elements, costs, and capital reinvestment and financing to ensure compliance with the Rate Covenants contained in the Bond Resolution, promote the overall creditworthiness of the System and limit financial risk, and provide for long-term rate sustainability.

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**LEE COUNTY, FLORIDA**  
**FISCAL YEAR 2024**  
**SOLID WASTE REVENUE SUFFICIENCY AND COST OF SERVICE STUDY**

**LIST OF TABLES**

Table No.	Description
ES-1	Dashboard and Summary of Projected Financial Position and Operational Statistics
1	Historical and Projected Assessed Residential Customer Billing Units and Tonnage Statistics
2	Historical and Projected Disposal Facility Assessment Customer Billing Statistics
3	Historical and Projected Waste Flow Summary by Type of Waste
4	Historical and Projected Waste Flow Summary by Disposal Facility
5	Historical and Projected Waste-to-Energy (WTE) Operational Statistics
6	Projected Assessment and Disposal Fee Revenues Under Existing Rates
7	Historical and Projected Electric Sales Revenue
8	Historical and Projected Operating Expenses
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11	Projected Annual Debt Service Payments – Accrual Basis
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16	Projected Rate Covenant Compliance





**Table 1  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

**Historical and Projected Assessed Residential Customer Billing Units and Tonnage Statistics**

Line No.	Description	Fiscal Year Ending September 30,											
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
<b>Residential Collection and Disposal Assessment Units:</b>													
<b>Area 5 - Pine Island/NFM</b>													
45	Single Family	0.37%	0.78%	0.68%	1.51%	2.33%	-0.83%	2.36%	1.00%	0.92%	0.79%	0.67%	0.55%
46	Units - Beginning Units	22,256	22,338	22,513	22,666	23,008	23,545	23,349	23,899	24,139	24,362	24,555	24,719
47	Units - Growth (Total)	82	175	153	342	537	(196)	550	240	223	193	164	136
48	Units - Ending Units	22,338	22,513	22,666	23,008	23,545	23,349	23,899	24,139	24,362	24,555	24,719	24,855
49	Units - Average	22,297	22,426	22,590	22,837	23,277	23,447	23,624	24,019	24,251	24,459	24,637	24,787
50	MSW Tons	22,497	24,689	26,125	28,205	28,763	35,376	29,294	29,784	30,071	30,329	30,550	30,736
51	Tons per Unit	1.01	1.10	1.16	1.24	1.24	1.51	1.24	1.24	1.24	1.24	1.24	1.24
52	Yard Waste Tons	8,089	7,857	7,687	7,610	6,032	4,923	6,378	6,485	6,548	6,604	6,652	6,692
53	Tons per Unit	0.36	0.35	0.34	0.33	0.26	0.21	0.27	0.27	0.27	0.27	0.27	0.27
54	Recycling Tons	6,708	6,195	6,069	6,153	7,315	6,380	7,560	7,686	7,760	7,827	7,884	7,932
55	Tons per Unit	0.30	0.28	0.27	0.27	0.31	0.27	0.32	0.32	0.32	0.32	0.32	0.32
<b>Area 6 - Boca Grande [1]</b>													
56	Single Family	0.48%	0.48%	0.16%	0.24%	0.00%	-3.94%	2.40%	2.23%	0.33%	0.31%	0.29%	0.27%
57	Units - Beginning Units	1,252	1,258	1,264	1,266	1,269	1,269	1,219	1,248	1,276	1,280	1,284	1,288
58	Units - Growth (Total)	6	6	2	3	-	(50)	29	28	4	4	4	3
59	Units - Ending Units	1,258	1,264	1,266	1,269	1,269	1,219	1,248	1,276	1,280	1,284	1,288	1,291
60	Units - Average	1,255	1,261	1,265	1,268	1,269	1,244	1,234	1,262	1,278	1,282	1,286	1,290
61	MSW Tons	1,004	1,009	1,012	1,014	1,015	995	987	1,010	1,022	1,026	1,029	1,032
62	Tons per Unit	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
63	Yard Waste Tons	126	126	127	127	127	124	123	126	128	128	129	129
64	Tons per Unit	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
65	Recycling Tons	126	126	127	127	127	124	123	126	128	128	129	129
66	Tons per Unit	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
<b>Total Collection Assessments</b>													
67	Units - Beginning Units	164,777	167,097	170,163	173,482	177,024	181,823	185,641	190,722	194,213	197,098	199,609	201,747
68	Units - Growth (Total)	2,320	3,066	3,319	3,542	4,799	3,818	5,081	3,491	2,885	2,511	2,138	1,772
69	Units - Ending Units	167,097	170,163	173,482	177,024	181,823	185,641	190,722	194,213	197,098	199,609	201,747	203,519
70	Units - Average	165,937	168,630	171,823	175,253	179,424	183,732	188,182	192,468	195,656	198,354	200,678	202,633
71	MSW Tons	158,048	160,829	172,397	186,918	194,646	211,988	206,513	212,324	216,018	219,119	221,803	224,075
72	Tons per Unit	0.95	0.95	1.00	1.07	1.08	1.15	1.10	1.10	1.10	1.10	1.11	1.11
73	Yard Waste Tons	37,846	33,618	35,487	32,329	32,587	22,412	34,260	35,581	36,118	36,574	36,968	37,298
74	Tons per Unit	0.23	0.20	0.21	0.18	0.18	0.12	0.18	0.18	0.18	0.18	0.18	0.18
75	Recycling Tons	48,850	48,496	50,237	51,869	51,675	51,074	54,043	55,199	56,070	56,819	57,466	58,012
76	Tons per Unit	0.29	0.29	0.29	0.30	0.29	0.28	0.29	0.29	0.29	0.29	0.29	0.29

**Footnote:**

[1] Area 6 represents a small barrier island community within the north western portion of Lee County's jurisdictional boundaries, however, due to lack of direct access to the County and the area's proximity to Charlotte County, such disposal service is provided by Charlotte County.









**Table 2  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

**Historical and Projected Disposal Facility Assessment Customer Billing Statistics [1]**

Line No.	Description	Fiscal Year Ending September 30,											
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
<b><u>Disposal Facility Assessment Units:</u></b>													
<b><u>Area 5 - Pine Island/NFM</u></b>													
81	Single Family	0.37%	0.78%	0.68%	1.51%	2.33%	-0.83%	2.36%	1.00%	0.92%	0.79%	0.67%	0.55%
82	Units - Beginning Units	22,256	22,338	22,513	22,666	23,008	23,545	23,349	23,899	24,139	24,362	24,555	24,719
83	Units - Growth (Total)	82	175	153	342	537	(196)	550	240	223	193	164	136
84	Units - Ending Units	22,338	22,513	22,666	23,008	23,545	23,349	23,899	24,139	24,362	24,555	24,719	24,855
85	Units - Average	22,297	22,426	22,590	22,837	23,277	23,447	23,624	24,019	24,251	24,459	24,637	24,787
86	Multi-family	0.54%	0.17%	-0.54%	0.02%	0.06%	-1.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
87	Units - Beginning Units	19,212	19,316	19,348	19,243	19,246	19,258	18,881	18,881	18,881	18,881	18,881	18,881
88	Units - Growth (Total)	104	32	(105)	3	12	(377)	-	-	-	-	-	-
89	Units - Ending Units	19,316	19,348	19,243	19,246	19,258	18,881	18,881	18,881	18,881	18,881	18,881	18,881
90	Units - Average	19,264	19,332	19,296	19,245	19,252	19,070	18,881	18,881	18,881	18,881	18,881	18,881
91	Commercial	0.11%	0.36%	-0.50%	0.45%	-0.16%	1.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
92	Units - Beginning Units (sqft)	10,644,493	10,656,024	10,694,138	10,640,328	10,688,191	10,671,441	10,796,824	10,796,824	10,796,824	10,796,824	10,796,824	10,796,824
93	Units - Growth (Total)	11,531	38,114	(53,810)	47,863	(16,750)	125,383	-	-	-	-	-	-
94	Units - Ending Units (sqft)	10,656,024	10,694,138	10,640,328	10,688,191	10,671,441	10,796,824	10,796,824	10,796,824	10,796,824	10,796,824	10,796,824	10,796,824
95	Units - Average (sqft)	10,650,259	10,675,081	10,667,233	10,664,260	10,679,816	10,734,133	10,796,824	10,796,824	10,796,824	10,796,824	10,796,824	10,796,824
96	RV Parks	0.10%	-1.71%	-6.91%	0.00%	-0.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
97	Units - Beginning Units	1,986	1,988	1,954	1,819	1,819	1,817	1,817	1,817	1,817	1,817	1,817	1,817
98	Units - Growth (Total)	2	(34)	(135)	-	(2)	-	-	-	-	-	-	-
99	Units - Ending Units	1,988	1,954	1,819	1,819	1,817	1,817	1,817	1,817	1,817	1,817	1,817	1,817
100	Units - Average	1,987	1,971	1,887	1,819	1,818	1,817	1,817	1,817	1,817	1,817	1,817	1,817
<b><u>Area 6 - Boca Grande</u></b>													
101	Single Family	0.48%	0.48%	0.16%	0.24%	0.00%	-3.94%	2.38%	2.24%	0.31%	0.31%	0.31%	0.23%
102	Units - Beginning Units	1,252	1,258	1,264	1,266	1,269	1,269	1,219	1,248	1,276	1,280	1,284	1,288
103	Units - Growth (Total)	6	6	2	3	-	(50)	29	28	4	4	4	3
104	Units - Ending Units	1,258	1,264	1,266	1,269	1,269	1,219	1,248	1,276	1,280	1,284	1,288	1,291
105	Units - Average	1,255	1,261	1,265	1,268	1,269	1,244	1,234	1,262	1,278	1,282	1,286	1,290
<b><u>Area 7 - Outer Islands</u></b>													
106	Single Family	0.39%	2.92%	0.00%	1.32%	1.12%	-6.09%	0.25%	0.23%	0.23%	0.22%	0.20%	0.19%
107	Units - Beginning Units	512	514	529	529	536	542	509	510	511	513	514	515
108	Units - Growth (Total)	2	15	-	7	6	(33)	1	1	1	1	1	1
109	Units - Ending Units	514	529	529	536	542	509	510	511	513	514	515	516
110	Units - Average	513	522	529	533	539	526	510	511	512	513	514	515
111	Commercial	0.39%	1.25%	0.10%	0.00%	2.21%	-1.53%	0.13%	0.12%	0.12%	0.11%	0.10%	0.10%
112	Units - Beginning Units (sqft)	54,590	54,802	55,486	55,543	55,543	56,773	55,904	55,974	56,039	56,104	56,165	56,222
113	Units - Growth (Total)	212	684	57	-	1,230	(869)	70	65	65	61	57	54
114	Units - Ending Units (sqft)	54,802	55,486	55,543	55,543	56,773	55,904	55,974	56,039	56,104	56,165	56,222	56,276
115	Units - Average (sqft)	54,696	55,144	55,515	55,543	56,158	56,339	55,939	56,006	56,071	56,134	56,194	56,249





**Table 2  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

**Historical and Projected Disposal Facility Assessment Customer Billing Statistics [1]**

Line No.	Description	Fiscal Year Ending September 30,											
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
	Average Disposal Facility Assessment												
156	Single Family	190,947	194,442	198,545	202,803	207,481	211,954	216,753	221,713	225,568	228,927	231,888	234,453
157	Multi Family	110,845	112,312	113,929	115,323	117,486	116,881	115,218	116,279	117,319	118,342	119,317	120,245
158	Commercial - Sq. Ft.	145,275,252	146,733,799	149,548,420	152,427,329	155,739,469	158,021,123	158,941,697	160,875,348	162,764,783	164,619,379	166,384,551	168,060,831
159	RV Parks	7,205	7,231	7,179	7,111	7,170	7,229	7,229	7,229	7,229	7,229	7,229	7,229

**Footnote:**

[1] Historical amounts shown are derived from franchise statistical reports, tax roll and other information provided by Department staff. It should be noted that statistics for the City of Cape Coral representing approximately 80,900 residential units and Hendry County customers representing approximately 14,850 residential units as reported per the 2018 U.S. Census estimates are not shown since such customers are not assessed the disposal facility assessment via non-ad valorem assessment, but instead are charged the disposal facility assessment fee by MSTU and tipping fee, respectively.

**Table 3**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Historical and Projected Waste Flow Summary by Type of Waste [1]**

Line No.	Description	Fiscal Year Ending September 30,										
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
<b>MSW WASTE FLOWS:</b>												
Inbound MSW												
Residential Assessed (Areas 1 - 5) [2]												
1	Delivered Waste Growth	1.77%	7.24%	8.47%	4.16%	8.97%	-2.59%	2.82%	1.74%	1.44%	1.23%	1.03%
2	Delivered Waste Tons	159,820	171,385	185,904	193,630	210,993	205,526	211,314	214,996	218,093	220,774	223,044
3	Residential Assessed Units	167,369	170,558	173,986	178,155	182,488	186,948	191,206	194,378	197,072	199,392	201,344
4	Tons Disposed per Unit	0.95	1.00	1.07	1.09	1.16	1.10	1.11	1.11	1.11	1.11	1.11
5	Assessed Waste Growth	7.61%	1.91%	2.01%	13.77%	2.43%	2.44%	2.28%	1.66%	1.39%	1.18%	0.98%
6	Assessed Waste Tons	150,632	153,502	156,587	178,155	182,488	186,948	191,206	194,378	197,072	199,392	201,344
7	Residential Assessed Units	167,369	170,558	173,986	178,155	182,488	186,948	191,206	194,378	197,072	199,392	201,344
8	Tons Assessed per Unit	0.90	0.90	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
9	Growth	(3.68%)	(5.23%)	8.12%	(4.90%)	-3.06%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%
10	Commercial / Multi-Family - Delivered	162,055	153,580	166,049	157,914	153,079	155,528	158,016	160,544	163,113	165,723	168,375
11	Growth	(1.58%)	(4.86%)	4.58%	7.01%	-1.10%	0.97%	0.97%	0.98%	0.99%	0.99%	1.00%
12	Commercial / Multi-Family - Charged	240,100	228,434	238,894	255,632	252,820	255,269	257,757	260,285	262,854	265,464	268,116
13	Growth	(0.18%)	(0.92%)	14.29%	6.26%	15.70%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%
14	Municipalities (Cape Coral, Fort Myers, Sanibel)	156,760	155,319	177,514	188,627	218,238	221,730	225,278	228,882	232,544	236,265	240,045
15	Growth	0.86%	2.90%	4.67%	5.60%	5.28%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
16	Hendry County	36,678	37,744	39,505	41,718	43,923	44,801	45,697	46,611	47,543	48,494	49,464
17	Growth	-10.81%	-1.03%	-4.86%	-13.13%	7.73%	0.00%	0.00%	0.00%	0.00%	171.75%	0.00%
18	Miscellaneous Customers	44,630	44,172	42,026	36,508	39,329	39,329	39,329	39,329	39,329	39,329	39,329
19	Total Garbage / MSW Processed - Growth Tons	(8,796)	2,257	48,799	7,400	54,563	1,353	12,720	10,728	10,260	9,963	9,672
20	Total Garbage / MSW Processed - Delivered Tons	559,943	562,199	610,998	618,398	665,561	666,914	679,634	690,362	700,622	710,585	720,257
21	Total Garbage / MSW Charged - Growth Tons	1,422	(9,630)	35,355	46,115	82,273	11,279	11,190	10,218	9,857	9,602	9,354
22	Total Garbage / MSW Charged - Delivered Tons	628,800	619,170	654,525	700,640	736,798	748,077	759,267	769,485	779,342	788,944	798,298

Footnotes on Page 5 of 5.

**Table 3**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Historical and Projected Waste Flow Summary by Type of Waste [1]**

Line No.	Description	Fiscal Year Ending September 30,										
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
<b>C&amp;D / CLASS III WASTE FLOWS:</b>												
Inbound C&D / Class III												
23	Growth	(22.83%)	(0.70%)	(19.57%)	(35.42%)	74.56%	(10.00%)	1.60%	1.60%	1.60%	1.60%	1.60%
24	Lee County C&D	116,464	115,647	93,011	60,071	104,861	94,375	95,885	97,419	98,978	100,562	102,171
25	Growth	0.00%	0.00%	0.00%	84.39%	311.17%	(85.00%)	1.60%	1.60%	1.60%	1.60%	1.60%
26	Shingles	-	-	17,156	31,634	130,070	19,511	19,823	20,140	20,462	20,789	21,122
27	Growth	(17.34%)	60.59%	6.29%	6.82%	2.91%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
28	Hendry County C&D	5,842	9,381	9,972	10,652	10,962	10,962	10,962	10,962	10,962	10,962	10,962
29	Growth	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30	Lee County > 30CY C&D	-	-	-	-	-	-	-	-	-	-	-
31	Growth	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
32	Hendry County > 30CY C&D	-	-	-	-	-	-	-	-	-	-	-
33	Growth	44.92%	14.37%	9.37%	(17.74%)	145.24%	(50.00%)	1.60%	1.60%	1.60%	1.60%	1.60%
34	Class III	30,559	34,950	38,224	31,445	77,115	38,557	39,174	39,801	40,438	41,085	41,742
35	Total C&D / Class III Processed	152,865	159,978	158,363	133,802	323,008	163,405	165,844	168,322	170,840	173,398	175,997
<b>HORTICULTURAL WASTE FLOWS:</b>												
Inbound Yard Waste												
36	Growth	0.72%	9.48%	(17.36%)	0.52%	(32.38%)	35.00%	1.60%	1.60%	1.60%	1.60%	1.60%
37	Yard Waste - Municipal	34,165	37,404	30,910	31,070	21,011	28,364	28,818	29,279	29,747	30,223	30,707
Residential Assessed (Areas 1 - 5) [2]												
38	Delivered Waste Growth	-11.21%	5.58%	-8.93%	0.80%	-31.34%	53.17%	3.86%	1.51%	1.27%	1.08%	0.90%
39	Delivered Waste Tons	33,492	35,360	32,203	32,460	22,287	34,137	35,455	35,990	36,446	36,839	37,169
40	Residential Assessed Units	167,369	170,558	173,986	178,155	182,488	186,948	191,206	194,378	197,072	199,392	201,344
41	Tons Disposed per Unit	0.20	0.21	0.19	0.18	0.12	0.18	0.19	0.19	0.18	0.18	0.18
42	Assessed Waste Growth	1.63%	1.91%	-16.16%	-15.41%	-0.44%	4.86%	2.28%	1.66%	1.39%	1.18%	0.98%
43	Assessed Waste Tons	43,516	44,345	37,181	31,450	31,313	32,834	33,582	34,139	34,612	35,020	35,362
44	Residential Assessed Units	167,369	170,558	173,986	178,155	182,488	186,948	191,206	194,378	197,072	199,392	201,344
45	Tons Assessed per Unit	0.26	0.26	0.21	0.18	0.17	0.18	0.18	0.18	0.18	0.18	0.18
46	Growth	(18.93%)	31.08%	41.94%	(8.15%)	47.39%	(27.50%)	1.60%	1.60%	1.60%	1.60%	1.60%
47	Yard Waste - Commercial	29,631	38,841	55,133	50,642	74,640	54,114	54,980	55,860	56,754	57,662	58,585
48	Growth	(20.70%)	5.62%	(11.05%)	(10.04%)	(17.77%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
49	Yard Waste - Hendry	3,919	4,139	3,682	3,312	2,724	2,724	2,724	2,724	2,724	2,724	2,724
50	Total Yard Waste Processed	101,207	115,744	121,927	117,484	120,662	119,339	121,977	123,853	125,671	127,448	129,185
51	Total Yard Waste Billed	111,231	124,729	126,905	116,474	129,688	118,036	120,104	122,002	123,837	125,629	127,378

Footnotes on Page 5 of 5.

**Table 3**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Historical and Projected Waste Flow Summary by Type of Waste [1]**

Line No.	Description	Fiscal Year Ending September 30,										
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
<b>SLUDGE WASTE FLOWS:</b>												
Inbound Sludge												
52	Growth	321.91%	(60.25%)	43.77%	(64.02%)	14.02%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%
53	Sludge - Lee	11,462	4,556	6,551	2,357	2,688	2,731	2,775	2,819	2,864	2,910	2,957
54	Growth	0.00%	4.48%	33.73%	(1.60%)	(15.76%)	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%
55	Sludge - Lee County Utilities	13,268	13,862	18,537	18,240	15,365	15,611	15,861	16,115	16,373	16,635	16,901
56	Growth	16.94%	7.26%	14.67%	(2.33%)	4.88%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%
57	Sludge - City of Fort Myers	26,337	28,250	32,393	31,638	33,182	33,713	34,252	34,800	35,357	35,923	36,498
58	Growth	0.00%	2.71%	5.17%	3.57%	4.06%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%
59	Sludge - City of Cape Coral	13,254	13,612	14,315	14,827	15,429	15,676	15,927	16,182	16,441	16,704	16,971
60	Growth	26.54%	14.08%	(25.40%)	41.07%	(17.69%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
61	Sludge - Hendry	1,106	1,262	941	1,328	1,093	1,093	1,093	1,093	1,093	1,093	1,093
62	Growth	0.24%	(17.36%)	(100.00%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
63	Sludge - Collier	4,943	4,085	-	-	-	-	-	-	-	-	-
64	Total Sludge Processed	70,369	65,627	72,737	68,390	67,757	68,824	69,908	71,009	72,128	73,265	74,420
<b>RESIDUE WASTE FLOWS:</b>												
Inbound Residues												
65	Growth	8.27%	(8.05%)	(2.39%)	13.16%	(21.81%)	6.27%	1.80%	1.46%	1.32%	1.20%	1.09%
66	MRF Residues	19,382	17,821	17,395	19,685	15,393	16,358	16,652	16,896	17,119	17,325	17,514
67	Growth	(100.00%)	(100.00%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
68	Glass Residues	-	-	-	-	-	-	-	-	-	-	-
69	Total Residues Processed	19,382	17,821	17,395	19,685	15,393	16,358	16,652	16,896	17,119	17,325	17,514
<b>OIL WASTE FLOWS:</b>												
Inbound Oil												
70	Growth	(16.10%)	39.29%	(24.36%)	(8.26%)	(42.49%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
71	Oil Filters	4	6	5	4	2	2	2	2	2	2	2
72	Growth	(13.61%)	(24.38%)	(64.20%)	(5.19%)	37.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
73	Oily Waste	36	27	10	9	13	13	13	13	13	13	13
74	Total Oil Waste Processed	40	33	14	13	15	15	15	15	15	15	15
<b>TIRE WASTE FLOWS:</b>												
Inbound Tires												
75	Growth	0.29%	(6.34%)	39.13%	2.96%	109.17%	(51.43%)	1.60%	1.60%	1.60%	1.60%	1.60%
76	Tires - Lee	5,534	5,183	7,211	7,425	15,531	7,544	7,665	7,787	7,912	8,038	8,167
77	Growth	1.14%	(1.34%)	(100.00%)	0.00%	8.84%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
78	XL Tires - Lee	354	349	-	547	596	596	596	596	596	596	596

Footnotes on Page 5 of 5.

**Table 3  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

**Historical and Projected Waste Flow Summary by Type of Waste [1]**

Line No.	Description	Fiscal Year Ending September 30,										
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
79	Growth	(15.96%)	38.09%	13.55%	5.72%	(14.19%)	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%
80	Tires - Hendry	434	599	680	719	617	627	637	647	657	668	678
81	Growth	28.01%	14.66%	(24.59%)	(1.35%)	12.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
82	XL Tires - Hendry	156	179	135	133	149	149	149	149	149	149	149
83	Total Tires Processed	6,478	6,310	8,026	8,824	16,892	8,915	9,046	9,179	9,314	9,451	9,590
<b>OTHER WASTE FLOWS:</b>												
Inbound Other												
84	Growth	16.69%	(62.76%)	(91.81%)	1233.73%	62.81%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
85	International Waste (WTE)	27	10	1	11	18	18	18	18	18	18	18
86	Growth	(58.10%)	(35.55%)	(29.65%)	(43.59%)	51.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
87	Certified Destroy (WTE)	41	27	19	11	16	16	16	16	16	16	16
88	Growth	(41.86%)	35.07%	(44.27%)	29.56%	354.23%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
89	Boat/RV (WTE)	83	112	62	81	366	366	366	366	366	366	366
90	Growth	21.46%	150.47%	(58.04%)	(23.56%)	(36.00%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
91	Sand (WTE)	1,435	3,594	1,508	1,153	738	738	738	738	738	738	738
92	Growth	1532.20%	(89.58%)	360.53%	(93.10%)	1961.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
93	Asbestos - Lee (WTE)	713	74	342	24	486	486	486	486	486	486	486
94	Growth	158.54%	1.32%	53.02%	(49.90%)	0.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
95	Contaminated Soil (WTE)	206	209	320	160	161	161	161	161	161	161	161
96	Growth	0.00%	39.19%	26.29%	(21.80%)	(1.13%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
97	Latex Paint	173	241	304	238	235	235	235	235	235	235	235
96	Total Inbound Other Processed	2,678	4,267	2,556	1,677	2,019	2,019	2,019	2,019	2,019	2,019	2,019
<b>Recycling</b>												
98	Growth	(0.73%)	3.60%	(2.02%)	0.00%	(0.06%)	9.88%	2.14%	1.58%	1.34%	1.14%	0.95%
99	Franchised Areas	48,369	50,111	49,097	49,099	49,069	53,919	55,072	55,942	56,691	57,338	57,883
100	Growth	0.24%	7.42%	0.57%	(7.50%)	3.51%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%
101	Cities (Cape Coral, Fort Myers, Sanibel)	27,423	29,459	29,628	27,406	28,369	28,823	29,285	29,753	30,229	30,713	31,204
102	Growth	(5.51%)	(10.42%)	(77.65%)	511.01%	(23.57%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
103	Other	7,601	6,809	1,522	9,299	7,107	7,107	7,107	7,107	7,107	7,107	7,107
104	Total Recycled	83,394	86,379	80,247	85,805	84,546	89,850	91,464	92,803	94,028	95,158	96,195

Footnotes on Page 5 of 5.

**Table 3**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Historical and Projected Waste Flow Summary by Type of Waste [1]**

Line No.	Description	Fiscal Year Ending September 30,										
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
<b>WTE By Products</b>												
105	Growth	0.05%	(5.91%)	(9.34%)	(6.59%)	0.25%	12.79%	0.00%	0.00%	0.00%	0.00%	0.00%
106	Ash Residue	164,159	154,457	140,025	130,796	131,123	147,900	147,900	147,900	147,900	147,900	147,900
107	Growth	(11.80%)	22.06%	(2.34%)	(6.30%)	3.16%	0.38%	0.00%	0.00%	0.00%	0.00%	0.00%
108	Ferrous Scrap	17,048	20,810	20,323	19,044	19,645	19,720	19,720	19,720	19,720	19,720	19,720
109	Growth	(11.23%)	(5.00%)	(19.03%)	(1.24%)	(18.15%)	47.80%	0.00%	0.00%	0.00%	0.00%	0.00%
110	Non-Ferrous Scrap	2,738	2,601	2,106	2,080	1,702	2,516	2,516	2,516	2,516	2,516	2,516
111	Growth	(4471.00%)	(4471.00%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
112	Reject	-	-	-	-	-	-	-	-	-	-	-
113	Total By Product	183,945	177,868	162,454	151,919	152,471	170,136	170,136	170,136	170,136	170,136	170,136
<b>Landfill Cover / Storage</b>												
114	Growth	(17.71%)	6.22%	(7.38%)	5.99%	55.44%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
115	RSM	10,570	11,228	10,399	11,021	17,131	17,131	17,131	17,131	17,131	17,131	17,131
116	Growth	2963.26%	(6.90%)	(3.50%)	33.91%	53.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
117	Rip Rap	10,064	9,370	9,042	12,109	18,596	18,596	18,596	18,596	18,596	18,596	18,596
118	Growth	(31.49%)	(32.78%)	97.46%	(4.28%)	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
119	Cover Glass	5,124	3,444	6,801	6,510	7,812	7,812	7,812	7,812	7,812	7,812	7,812
120	Growth	8.08%	3.55%	(74.45%)	404.16%	9.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
121	XL Tires	510	528	135	680	745	745	745	745	745	745	745
122	Total Cover	26,268	24,570	26,377	30,321	44,285	44,285	44,285	44,285	44,285	44,285	44,285
<b>Compost</b>												
123	Growth	(46.94%)	(7.52%)	12.14%	(1.96%)	(5.11%)	14.09%	0.00%	0.00%	0.00%	0.00%	0.00%
124	Mulch In - LHLF	28,867	26,697	29,939	29,351	27,851	31,775	31,775	31,775	31,775	31,775	31,775
125	Growth	87.20%	(7.85%)	(8.93%)	89.74%	(54.00%)	14.09%	0.00%	0.00%	0.00%	0.00%	0.00%
126	Compost Out - Tons	26,864	24,756	22,545	42,778	19,676	22,448	22,448	22,448	22,448	22,448	22,448
127	Growth	63.52%	(58.69%)	8.73%	(32.00%)	331.54%	14.09%	0.00%	0.00%	0.00%	0.00%	0.00%
128	Compost Out - CY	773	319	347	236	1,019	1,162	1,162	1,162	1,162	1,162	1,162

Footnotes:

- [1] Historical amounts shown derived from detailed material inbound / outbound reports, franchised statistical reports and facility summary reports as provided by Department staff.
- [2] The County does not dispose of waste from Franchise Area 6 at the County's facilities. For purposes of this table such statistics are not incorporated to present the waste generation statistics for disposal at the County's disposal facilities.

**Table 4**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Historical and Projected Waste Flow Summary by Disposal Facility**

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>Waste-to-Energy Facility [1]</b>												
1	MSW	515,854	519,343	529,742	509,765	448,963	539,473	538,181	536,924	535,671	534,418	533,166
2	C&D	25,734	13,803	(7,644)	359	103,938	23,762	24,629	25,509	26,405	27,314	28,238
3	Class III	30,559	34,950	38,224	31,445	77,115	-	-	-	-	-	-
4	Yard Waste	22,921	9,311	5,836	5,095	1,891	-	-	-	-	-	-
5	Sludge	3,977	36	23	0	-	-	-	-	-	-	-
6	MRF Residue	19,382	17,821	17,395	19,685	15,393	8,546	8,840	9,084	9,307	9,513	9,701
7	Oil	40	33	14	13	15	15	15	15	15	15	15
8	Tires	5,968	5,782	7,891	8,144	16,147	8,170	8,301	8,434	8,569	8,706	8,845
9	Other	242	278	324	260	269	34	34	34	34	34	34
10	Total [2]	624,676	601,357	591,805	574,766	663,732	580,000	580,000	580,000	580,000	580,000	580,000
11	Waste Processing Throughput Capacity						580,000	580,000	580,000	580,000	580,000	580,000
<b>Lee-Hendry Landfill</b>												
12	MSW	44,089	42,856	81,256	108,634	216,598	127,441	141,453	153,438	164,951	176,167	187,091
13	C&D	70,303	85,177	102,983	74,004	100,425	100,981	102,509	104,062	105,639	107,242	108,870
14	Yard Waste	49,419	79,736	86,152	83,038	90,919	87,564	90,202	92,078	93,897	95,673	97,410
15	Sludge	66,392	65,591	72,715	68,390	67,757	68,824	69,908	71,009	72,128	73,265	74,420
16	Tires	-	-	-	-	-	-	-	-	-	-	-
17	Other	2,437	3,989	2,232	1,417	1,750	1,750	1,750	1,750	1,750	1,750	1,750
18	Cover / Storage - RSM / Rip Rap (C&D Recycle)	20,634	20,598	19,441	23,130	35,727	35,727	35,727	35,727	35,727	35,727	35,727
19	Cover / Storage - Cover Glass (MRF)	5,124	3,444	6,801	6,510	7,812	7,812	7,812	7,812	7,812	7,812	7,812
20	Cover / Storage - Large Tires	510	528	135	680	745	745	745	745	745	745	745
21	Mulch	28,867	26,697	29,939	29,351	27,851	31,775	31,775	31,775	31,775	31,775	31,775
22	Ash Residue	164,159	154,457	140,025	130,796	131,123	147,900	147,900	147,900	147,900	147,900	147,900
23	Subtotal Landfilled Tons	451,933	483,073	541,679	525,951	680,709	610,520	629,781	646,296	662,324	678,056	693,500
24	Less: Compost Sludge	(56,115)	(61,092)	(63,773)	(62,919)	(62,764)	(52,839)	(52,839)	(52,839)	(52,839)	(52,839)	(52,839)
25	Less: Compost Mulch	(28,867)	(26,697)	(29,939)	(29,351)	(27,851)	(31,775)	(31,775)	(31,775)	(31,775)	(31,775)	(31,775)
26	Less: Yard Waste for Land Application	N/A	N/A	N/A	N/A	N/A	-	-	-	-	-	-
27	Less: Cover/Storage	(26,268)	(24,570)	(26,377)	(30,321)	(44,285)	(44,285)	(44,285)	(44,285)	(44,285)	(44,285)	(44,285)
28	Less: Contractual Yard Waste Disposal	(48,868)	(79,649)	(86,043)	(82,593)	(76,416)	(87,564)	(90,202)	(92,078)	(93,897)	(95,673)	(97,410)
29	Estimated Net Tonnage to Landfill	291,815	291,064	335,547	320,767	469,394	394,057	410,681	425,319	439,529	453,484	467,191
30	Net Landfilled per Contract Operator	292,793	293,978	337,533	341,813	593,715	394,057	410,681	425,319	439,529	453,484	467,191
31	Variance [2]	978	2,914	1,987	21,047	124,321	0	0	0	0	0	0
<b>MRF &amp; Other Recycling</b>												
32	Recycling	83,394	86,379	80,247	85,805	84,546	89,850	91,464	92,803	94,028	95,158	96,195
33	C&D Recycling	5,635	5,451	5,359	4,864	5,802	2,935	2,979	3,024	3,069	3,115	3,162
34	Total MRF & Other Recycling	89,029	91,831	85,606	90,668	90,348	92,785	94,443	95,827	97,097	98,273	99,357

Footnotes on Page 2 of 2.

**Table 4**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Historical and Projected Waste Flow Summary by Disposal Facility**

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>Horticulture Pad</b>												
35	Yard Waste (For Mulch / Compost)	28,867	26,697	29,939	29,351	27,851	31,775	31,775	31,775	31,775	31,775	31,775
36	Yard Waste - Contract Disposal	48,868	79,649	86,043	82,593	76,416	87,564	90,202	92,078	93,897	95,673	97,410
37	Total Horticulture Pad	77,734	106,346	115,982	111,944	104,267	119,339	121,977	123,853	125,671	127,448	129,185
<b>By Products</b>												
38	Ferrous Scrap	17,048	20,810	20,323	19,044	19,645	19,720	19,720	19,720	19,720	19,720	19,720
39	Non-Ferrous Scrap	2,738	2,601	2,106	2,080	1,702	2,516	2,516	2,516	2,516	2,516	2,516
40	Total By Products	19,786	23,411	22,429	21,124	21,348	22,236	22,236	22,236	22,236	22,236	22,236
41	Total Tons	1,103,041	1,114,009	1,151,369	1,119,269	1,349,088	1,208,417	1,229,337	1,247,235	1,264,533	1,281,441	1,297,969
<b>Transfer Stations [3]</b>												
42	MSW	36,678	37,744	39,505	41,718	43,923	44,801	45,697	46,611	47,543	48,494	49,464
43	C&D	5,842	9,381	9,972	10,652	10,962	10,962	10,962	10,962	10,962	10,962	10,962
44	Yard Waste	3,919	4,139	3,682	3,312	2,724	2,724	2,724	2,724	2,724	2,724	2,724
45	Tires	590	778	815	852	766	776	786	796	806	817	828
46	Recycling	947	1,180	1,186	1,140	1,009	1,186	1,186	1,186	1,186	1,186	1,186
47	Total Transfer Stations	47,976	53,222	55,159	57,673	59,383	60,449	61,355	62,279	63,221	64,183	65,164

**Footnotes:**

- [1] Based on discussions with the County, any waste received at the Waste-to-Energy facility above 610,000 tons should be assumed to be diverted.  
[2] Variances during the historical period relate to differences in tonnage statistics reporting and were not considered material for purposes of this evaluation.  
[3] The Labelle and Clewiston Transfer Stations are included below total tonnages as waste incoming to the transfer stations are not disposed at these facilities.





**Table 6**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Projected Assessment and Disposal Fee Revenue Under Adopted Rates [1]**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
<b><u>REVENUE SUMMARY:</u></b>							
1	Collection Assessment	\$ 37,726,807	\$ 38,593,706	\$ 39,236,840	\$ 39,780,592	\$ 40,248,769	\$ 40,642,193
2	Early Prepayment Discount (Assessment Only)	(1,509,072)	(1,543,748)	(1,569,474)	(1,591,224)	(1,609,951)	(1,625,688)
3	Net Collection Assessment Revenue	\$ 36,217,735	\$ 37,049,958	\$ 37,667,367	\$ 38,189,369	\$ 38,638,818	\$ 39,016,506
4	Disposal Assessment	\$ 13,816,843	\$ 14,132,006	\$ 14,366,158	\$ 14,564,459	\$ 14,735,300	\$ 14,878,982
5	Early Prepayment Discount	(552,674)	(565,280)	(574,646)	(582,578)	(589,412)	(595,159)
6	Net Disposal Assessment Revenue	\$ 13,264,170	\$ 13,566,726	\$ 13,791,512	\$ 13,981,880	\$ 14,145,888	\$ 14,283,823
7	Disposal Facility Charge per Assessment / Cape Coral MSTU	\$ 14,582,950	\$ 14,811,628	\$ 15,016,667	\$ 15,211,481	\$ 15,395,219	\$ 15,567,981
8	Allocable Assessment Early Prepayment Discount	(583,318)	(592,465)	(600,667)	(608,459)	(615,809)	(622,719)
9	Disposal Facility Charge per Tip Fee (Hendry County)	854,087	870,762	887,771	905,116	922,814	940,866
10	Net Disposal Facility Charge Revenue	\$ 14,853,720	\$ 15,089,925	\$ 15,303,772	\$ 15,508,138	\$ 15,702,224	\$ 15,886,128
11	Recycling Assessment Revenue	\$ 2,726,761	\$ 2,787,745	\$ 2,835,963	\$ 2,878,544	\$ 2,916,599	\$ 2,950,165
12	Early Prepayment Discount	(109,070)	(111,510)	(113,439)	(115,142)	(116,664)	(118,007)
13	Net Disposal Assessment Revenue	\$ 2,617,691	\$ 2,676,235	\$ 2,722,525	\$ 2,763,402	\$ 2,799,935	\$ 2,832,159
14	Assessment Billing Revenue	\$ 985,229	\$ 1,004,523	\$ 1,019,974	\$ 1,033,688	\$ 1,033,125	\$ 1,043,779
15	Early Prepayment Discount	(39,409)	(40,181)	(40,799)	(41,348)	(41,325)	(41,751)
16	Net Disposal Assessment Revenue	\$ 945,820	\$ 964,342	\$ 979,175	\$ 992,341	\$ 991,800	\$ 1,002,028
17	Tip Fee Revenue	\$ 51,005,674	\$ 51,668,454	\$ 52,341,793	\$ 53,026,119	\$ 53,721,607	\$ 54,428,408
18	Total User Fee, Assessment, & MSTU Revenue	\$ 118,904,809	\$ 121,015,640	\$ 122,806,142	\$ 124,461,249	\$ 126,000,272	\$ 127,449,051
19	Annual Change - Amount (\$)	N/A	\$ 2,110,831	\$ 1,790,503	\$ 1,655,106	\$ 1,539,024	\$ 1,448,779
20	Annual Change - Percentage (%)	N/A	1.8%	1.5%	1.3%	1.2%	1.1%

## Footnote:

[1] Calculated tip fee revenues in this table does not recognize additional rate adjustments beyond rates adopted by the County.

**Table 7  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

**Historical and Projected Electric Sales Revenue**

Line No.	Description	Fiscal Year Ending September 30,										
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
1	<b>Gross Electrical Production (MWh)</b>	401,031	380,622	348,053	377,879	321,136	359,605	359,605	359,605	359,605	359,605	359,605
2	<b>Total Waste Burned at Resource Recovery Facility</b>	620,028	599,559	587,031	574,509	534,579	580,000	580,000	580,000	580,000	580,000	580,000
<b>Electric Energy Use by Facility:</b>												
3	Waste-to-Energy (WTE) In-Plant Use (MWh)	57,137	57,941	59,140	59,245	55,537	58,000	58,000	58,000	58,000	58,000	58,000
Recovered Material Processing Facility (RMPF / MRF):												
4	Electric Use (MWh)	2,433	2,585	2,608	2,741	2,483	2,639	2,687	2,726	2,762	2,795	2,825
5	Tons Processed (Tons)	83,394	86,379	80,247	85,805	84,546	89,850	91,464	92,803	94,028	95,158	96,195
6	Use per Ton Processed (kWh/Ton)	29	30	32	32	29	29	29	29	29	29	29
7	Seminole Electric Cooperative Inc. (SEC) Use (MWh)	341,461	320,096	286,305	315,893	263,116	298,966	298,918	298,879	298,843	298,810	298,779
8	<b>Total Electric Use (MWh)</b>	<b>401,031</b>	<b>380,622</b>	<b>348,053</b>	<b>377,879</b>	<b>321,136</b>	<b>359,605</b>	<b>359,605</b>	<b>359,605</b>	<b>359,605</b>	<b>359,605</b>	<b>359,605</b>
<b>Electric Energy Sales (\$):</b>												
1) Electric Energy Sales:												
9	Energy Sales	9,488,571	6,092,684	9,000,401	21,999,858	11,616,027	11,061,732	8,519,172	8,518,052	8,517,026	8,516,080	8,515,212
10	Net Rate per MWh						\$ 37.00	\$ 28.50	\$ 28.50	\$ 28.50	\$ 28.50	\$ 28.50
11	Energy Sales (net of contract sales)						\$11,061,732	\$8,519,172	\$8,518,052	\$8,517,026	\$8,516,080	\$8,515,212
2) SEC - Capacity Payment (Peak Hours):												
12	Days in the Year (Days)	365	366	365	365	365	366	365	365	365	366	365
13	Annual Weighted Average Boiler Availability (%)	92.3%	90.8%	89.7%	90.3%	83.4%	92.0%	92.0%	92.0%	92.0%	92.0%	92.0%
14	Estimated Days Available (Days)	337	333	327	330	304	337	336	336	336	337	336
15	SEC Electric Sales Energy (MWh)	341,461	320,096	286,305	315,893	263,116	298,966	298,918	298,879	298,843	298,810	298,779
16	Average SEC Capacity (MW)	42.2	40.1	36.4	39.9	36.0	37.0	37.1	37.1	37.1	37.0	37.1
17	Outage Bank (22 Days a Year) (MW)	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
18	Adjusted Average SEC Capacity (MW)	43.3	41.2	37.5	41.0	37.1	38.1	38.2	38.2	38.2	38.1	38.2
19	Avg. Monthly On-Peak MW to Avg. Total MW Factor	-	-	-	-	-	-	-	-	-	-	-
20	Rate per kW Month	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21	Average Monthly On-Peak Capacity (MW)	-	-	-	-	-	-	-	-	-	-	-
22	Capacity Payment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3) SEC - Renewable Energy Credit:												
23	Energy Sales	-	-	-	-	-	-	-	-	-	-	-
24	Rate per MWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25	4) Regulation Service Charge:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26	<b>5) Gross Electric Sales Revenue</b>	<b>\$ 9,488,571</b>	<b>\$ 6,092,684</b>	<b>\$ 9,000,401</b>	<b>\$ 21,999,858</b>	<b>\$ 11,616,027</b>	<b>\$ 11,061,732</b>	<b>\$ 8,519,172</b>	<b>\$ 8,518,052</b>	<b>\$ 8,517,026</b>	<b>\$ 8,516,080</b>	<b>\$ 8,515,212</b>
<b>Expenses from Electric Sales:</b>												
6) FP&L Expense:												
27	Charges Per MWh Delivered to SEC	\$ 0.385	\$ 0.441	\$ 0.720	\$ 0.511	\$ 0.726	\$ 0.720	\$ 0.720	\$ 0.720	\$ 0.720	\$ 0.720	\$ 0.720
28	Expense	\$ 131,348	\$ 141,061	\$ 206,046	\$ 161,290	\$ 190,920	\$ 215,255	\$ 215,221	\$ 215,193	\$ 215,167	\$ 215,143	\$ 215,121

**Table 7**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Historical and Projected Electric Sales Revenue**

Line No.	Description	Fiscal Year Ending September 30,										
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
29	7) Electric Revenue Sharing with Covanta: a) Gross Electric Sales Less REC Payment	\$ 9,488,571	\$ 6,092,684	\$ 9,000,401	\$ 21,999,858	\$ 11,616,027	\$ 11,061,732	\$ 8,519,172	\$ 8,518,052	\$ 8,517,026	\$ 8,516,080	\$ 8,515,212
30	b) Implied Sales to MRF Net Revenue per MWh (Excluding REC Credits)	\$ 27.79	\$ 19.03	\$ 31.44	\$ 69.64	\$ 44.15	\$ 37.00	\$ 28.50	\$ 28.50	\$ 28.50	\$ 28.50	\$ 28.50
31	Implied Sales to MRF	\$ 67,620	\$ 49,210	\$ 81,986	\$ 190,864	\$ 109,633	\$ 97,647	\$ 76,566	\$ 77,686	\$ 78,711	\$ 79,657	\$ 80,525
32	c) Less FP&L Expenses	\$ (131,348)	\$ (141,061)	\$ (206,046)	\$ (161,290)	\$ (190,920)	\$ (215,255)	\$ (215,221)	\$ (215,193)	\$ (215,167)	\$ (215,143)	\$ (215,121)
33	d) Subtotal Applicable Energy Credit Revenue Sharing	\$ 9,424,843	\$ 6,000,833	\$ 8,876,341	\$ 22,029,432	\$ 11,534,740	\$ 10,944,123	\$ 8,380,516	\$ 8,380,545	\$ 8,380,571	\$ 8,380,595	\$ 8,380,617
34	e) 10% Revenue Sharing (before adjustments)	\$ 942,484	\$ 600,083	\$ 887,634	\$ 2,202,943	\$ 1,153,474	\$ 1,094,412	\$ 838,052	\$ 838,054	\$ 838,057	\$ 838,059	\$ 838,062
35	f) Less Credit Due County per 6.04(b)	\$ (65,020)	\$ (55,289)	\$ (149,774)	\$ (876,987)	\$ -	\$ (50,000)	\$ (50,000)	\$ (50,000)	\$ (50,000)	\$ (50,000)	\$ (50,000)
36	e) 10% Revenue Sharing to Covanta	\$ 877,464	\$ 544,795	\$ 737,861	\$ 1,325,957	\$ 1,153,474	\$ 1,044,412	\$ 788,052	\$ 788,054	\$ 788,057	\$ 788,059	\$ 788,062
37	<b>8) Net Electric Sales</b>	<b>\$ 8,479,758</b>	<b>\$ 5,406,828</b>	<b>\$ 8,056,495</b>	<b>\$ 20,512,611</b>	<b>\$ 10,271,633</b>	<b>\$ 9,802,064</b>	<b>\$ 7,515,899</b>	<b>\$ 7,514,804</b>	<b>\$ 7,513,802</b>	<b>\$ 7,512,878</b>	<b>\$ 7,512,030</b>

**Table 8  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

Historical and Projected Operating Expenses

Line No.	Description	Historical					Budget	Adjustments	Adjusted	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023	2024		2024		2025	2026	2027	2028	2029
<b>53401- ROW Clean Up / 53403 Facilities</b>															
<u>Personnel Services</u>															
1	Salaries - Full Time Regular	\$ 28,167	\$ 56,374	\$ 61,379	\$ 59,055	\$ 63,169	\$ 76,786	\$ -	\$ 76,786	Labor	\$ 79,090	\$ 81,462	\$ 83,906	\$ 86,423	\$ 89,016
2	Salaries - PT Regular	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
3	Additional Personnel	-	-	-	-	-	-	-	144,000	Calculated	296,640	458,309	629,411	810,366	834,677
4	Disaster Pay (1.0)	-	-	826	1,517	4,309	-	-	-	Labor	-	-	-	-	-
5	Special Pay (w/ Retirement)	-	88	162	152	204	-	-	-	Labor	-	-	-	-	-
6	Sick Leave	1,347	2,350	3,927	3,115	1,642	-	-	-	Labor	-	-	-	-	-
7	Vacation Leave	1,552	2,602	3,388	4,399	4,132	-	-	-	Labor	-	-	-	-	-
8	CPI-Consumer Price Index	-	-	-	-	-	3,843	-	3,843	Labor	3,958	4,077	4,199	4,325	4,455
9	Pay-Non-Perm Labor	-	-	100	267	-	-	-	-	Labor	-	-	-	-	-
10	Overtime (OT 1.0)	-	3,337	4,067	4,661	4,224	-	-	-	Labor	-	-	-	-	-
11	Overtime (OT 1.5)	-	2,483	7,339	7,514	9,309	-	-	-	Labor	-	-	-	-	-
12	Holiday Pay	1,372	2,745	3,084	3,023	3,035	-	-	-	Labor	-	-	-	-	-
13	Disaster Pay - (OT 1.5)	-	-	258	1,039	1,068	-	-	-	Labor	-	-	-	-	-
14	Special Pay (w/o Retirement)	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
15	Sick Leave Buy Back	-	-	-	56	-	-	-	-	Labor	-	-	-	-	-
16	FICA Taxes (OASDI)	1,968	4,171	5,029	5,054	5,460	5,000	-	5,000	Labor	5,150	5,305	5,464	5,628	5,796
17	FICA Taxes (Medicare)	460	976	1,176	1,182	1,277	1,168	-	1,168	Labor	1,203	1,239	1,276	1,315	1,354
18	Regular Retirement	2,700	6,273	8,656	9,438	11,299	10,944	-	10,944	Labor	11,272	11,610	11,959	12,318	12,687
19	Investment Retirement	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
20	Senior Management Retirement	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
21	Health Insurance	6,027	22,080	27,577	26,761	24,788	25,758	-	25,758	HealthIns	26,660	27,593	28,558	29,558	30,592
22	Health Ins Opt Out	-	-	5	-	-	-	-	-	HealthIns	-	-	-	-	-
23	Life Insurance	87	130	144	155	162	147	-	147	Inflation	151	154	157	161	164
24	Dental Insurance	178	555	585	537	500	513	-	513	Inflation	526	537	549	561	574
25	Disability Insurance	157	310	259	222	236	255	-	255	Inflation	261	267	273	279	285
26	Worker's Comp-(IGS)	1,939	10,042	10,042	-	-	-	-	-	Labor	-	-	-	-	-
27	Other Post-Employment Benefits (OPEB)	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
28	<b>Total Personnel Services</b>	<b>\$ 45,953</b>	<b>\$ 114,516</b>	<b>\$ 138,001</b>	<b>\$ 128,147</b>	<b>\$ 134,815</b>	<b>\$ 124,414</b>	<b>\$ -</b>	<b>\$ 268,414</b>		<b>\$ 424,911</b>	<b>\$ 590,553</b>	<b>\$ 765,753</b>	<b>\$ 950,934</b>	<b>\$ 979,602</b>
<u>Operating Expenses</u>															
29	Legal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Inflation	\$ -	\$ -	\$ -	\$ -	\$ -
30	Financial Services	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
31	Architect and Engin. Servc	-	-	-	-	1,943	-	-	-	Inflation	-	-	-	-	-
32	Other Professional Srvc	30,993	24,167	26,931	101,613	79,274	34,000	-	34,000	Inflation	34,850	35,617	36,400	37,201	38,019
33	Court Reporter Expenses	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
34	Janitorial Services	21,164	37,069	-	-	-	-	-	-	Inflation	-	-	-	-	-
35	Uniform/Laundry Service	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
36	Comp Data Proc & Netwk-IGS	-	-	-	-	-	21,796	-	21,796	Inflation	22,341	22,832	23,335	23,848	24,373
37	Data Processing	3,087	3,825	-	4,604	421	15,000	-	15,000	Inflation	15,375	15,713	16,059	16,412	16,773
38	Other Contracted Services	101,789	111,185	143,779	149,990	168,603	175,000	-	175,000	Inflation	179,375	183,321	187,354	191,476	195,689
39	Local Travel - Class C	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
40	Bridge Tickets & Passes	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
41	Out-of-County Travel	780	-	958	441	-	8,000	-	8,000	Inflation	8,200	8,380	8,565	8,753	8,946
42	Telecommunications	20	3,137	2,154	2,735	12,687	3,600	-	3,600	Inflation	3,690	3,771	3,854	3,939	4,026
43	Advertising	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
44	Int. Phone Line (IGS-Var)	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
45	Int. Phone Usage (IGS-Var)	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
46	Freight, Postage & Courier Svc	-	-	342	-	-	-	-	-	Inflation	-	-	-	-	-
47	Electric	-	-	-	-	-	-	-	-	Electric	-	-	-	-	-
48	Water and Sewer	-	-	-	-	-	-	-	-	W&S	-	-	-	-	-
49	Trash, Garbage&Sludge Removal	-	-	-	-	-	-	-	-	DisposalRate	-	-	-	-	-
50	Land, Bldg, Parking Rental	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
51	Other Equipment Rental	6,452	21,638	-	-	-	-	-	-	Inflation	-	-	-	-	-
52	Rental & Lease (<12 mos, <\$5,000)	-	-	14,451	14,393	32,233	12,500	-	12,500	Inflation	12,813	13,094	13,382	13,677	13,978
53	Self Ins Assess-Auto Ins	746	1,404	1,404	-	-	-	-	-	Inflation	-	-	-	-	-
54	Insurance and Bonds	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
55	Building Maintenance	20,288	15,645	-	-	-	-	-	-	Repair	-	-	-	-	-
56	Maintenance Material	42,931	68,610	-	-	-	-	-	-	Repair	-	-	-	-	-
57	Vehicle Maintenance	-	2,165	-	-	-	-	-	-	Repair	-	-	-	-	-
58	Equipment Maintenance	36,849	52,353	-	-	-	-	-	-	Repair	-	-	-	-	-
59	Equipment Repair Parts	27,096	34,643	-	-	-	-	-	-	Repair	-	-	-	-	-
60	Repair & Maint. - Services & Labor	-	-	61,434	56,833	71,706	75,000	-	75,000	Repair	78,000	81,120	84,365	87,739	91,249
61	Repairs & Maint. - Parts	-	-	120,766	135,024	121,637	140,000	-	140,000	Repair	145,600	151,424	157,481	163,780	170,331
62	Horticultural	1,133	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
63	Tires & Tubes	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
64	Batteries	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
65	Internal Repair & Maint.	19,531	1,913	5,635	2,948	21,264	4,000	-	4,000	Repair	4,160	4,326	4,499	4,679	4,867
66	Prntng, Bndng & Copy Ext	17	-	17	-	-	-	-	-	Inflation	-	-	-	-	-
67	Prntng, Bndng & Copy Int	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
68	Promo, Advertising & Expenses	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
69	Deputy Clerk Fees	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
70	Indirect Cost	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
71	Solid Waste Assessment	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
72	Fiscal Support	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
73	License,Permit & Appl.Fee	185	-	635	-	75	-	-	-	Inflation	-	-	-	-	-
74	Preprinted Forms	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
75	Gen. Office Supplies	280	99	388	21	33	-	-	-	Inflation	-	-	-	-	-

**Table 8  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

Historical and Projected Operating Expenses

Line No.	Description	Historical					Budget 2024	Adjustments	Adjusted 2024	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023					2025	2026	2027	2028	2029
76	Fuel and Lubricants	145	166	179	347	1,188	-	-	-	Fuel	-	-	-	-	-
77	Medical Supplies & Drugs	470	861	-	-	-	-	-	-	Inflation	-	-	-	-	-
78	Clothing & Wearing Apparel	1,246	2,530	-	-	-	-	-	-	Inflation	-	-	-	-	-
79	Chem, Insect & Fertilizer	72	414	-	-	-	-	-	-	Chemicals	-	-	-	-	-
80	Food and Food Supplies	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
81	Jani. & Other Maint. Supplies	6,839	14,322	-	-	-	-	-	-	Inflation	-	-	-	-	-
82	Minor Equipment	20,129	35,948	32,052	48,280	40,602	37,000	-	37,000	Inflation	37,925	38,759	39,612	40,484	41,374
83	Attractive Items	-	-	-	4,992	-	-	-	-	Inflation	-	-	-	-	-
84	Other Supplies	3,206	4,587	27,171	21,803	24,406	21,000	-	21,000	Inflation	21,525	21,999	22,483	22,977	23,483
85	Asphalt and Coldmix	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
86	Road Base Materials	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
87	Cement and Concrete	752	4,498	-	-	-	-	-	-	Inflation	-	-	-	-	-
88	Sign Material	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
89	Other Road Materials	-	411	2,121	1,164	8,608	5,000	-	5,000	Inflation	5,125	5,238	5,353	5,471	5,591
90	Reference Materials	56	83	-	-	-	1,000	-	1,000	Inflation	1,025	1,048	1,071	1,094	1,118
91	Memberships	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
92	Educational Expenses	-	689	-	-	-	-	-	-	Inflation	-	-	-	-	-
93	Training/Seminars/Bus. Meeting	2,795	250	2,390	375	103	12,500	-	12,500	Inflation	12,813	13,094	13,382	13,677	13,978
94	Furniture and Equipment	-	76,308	30,293	16,777	36,604	-	-	-	Eliminate	-	-	-	-	-
95	Vehicle & Rolling Stock	-	-	-	35,020	-	-	-	-	Eliminate	-	-	-	-	-
96	Aids to Priv. Organizations	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
97	Total Operating Expense	\$ 349,053	\$ 518,920	\$ 473,101	\$ 597,359	\$ 621,385	\$ 565,396	\$ -	\$ 565,396		\$ 582,816	\$ 599,738	\$ 617,195	\$ 635,208	\$ 653,794
98	Total ROW Clean Up	\$ 395,006	\$ 633,435	\$ 611,102	\$ 725,506	\$ 756,200	\$ 689,810	\$ -	\$ 833,810		\$ 1,007,727	\$ 1,190,291	\$ 1,382,948	\$ 1,586,142	\$ 1,633,396
<b>53404 - Operations/Solid Waste Management</b>															
<u>Personnel Services</u>															
99	Salaries - Full Time Regular	\$ 506,046	\$ 483,744	\$ 432,349	\$ 436,458	\$ 360,509	\$ 667,958	\$ -	\$ 667,958	Labor	\$ 687,997	\$ 708,637	\$ 729,896	\$ 751,793	\$ 774,346
100	Salaries - PT Regular	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
101	Special Pay (w/ Retirement)	27	83	104	285	554	-	-	-	Labor	-	-	-	-	-
102	Additional Personnel	-	-	-	-	-	-	-	96,000	Calculated	197,760	305,539	419,607	540,244	556,452
103	Sick Leave	21,334	28,715	42,309	34,873	22,631	-	-	-	Labor	-	-	-	-	-
104	Vacation Leave	34,191	45,075	60,534	29,800	63,106	-	-	-	Labor	-	-	-	-	-
105	CPI-Consumer Price Index	-	-	-	-	-	33,397	-	33,397	Labor	34,399	35,431	36,494	37,589	38,716
106	Pay-Non-Perm Labor	-	-	100	267	-	-	-	-	Labor	-	-	-	-	-
107	Overtime (OT 1.0)	1,582	3,538	3,506	4,037	7,953	10,000	-	10,000	Labor	10,300	10,609	10,927	11,255	11,593
108	Overtime (OT 1.5)	7,626	19,345	11,499	10,855	79,246	20,000	-	20,000	Labor	20,600	21,218	21,855	22,510	23,185
109	Holiday Pay	24,852	25,022	22,481	22,330	27,178	-	-	-	Labor	-	-	-	-	-
110	Disaster Pay - (OT 1.5)	-	-	1,277	12,614	128,612	-	-	-	Labor	-	-	-	-	-
111	Disaster Pay (1.0)	-	-	1,554	20,375	195,844	-	-	-	Labor	-	-	-	-	-
112	Special Pay (w/o Retirement)	-	-	1,531	-	-	-	-	-	Labor	-	-	-	-	-
113	Sick Leave Buy Back	-	-	769	4	-	-	-	-	Labor	-	-	-	-	-
114	FICA Taxes (OASDI)	35,492	36,066	34,548	34,351	53,636	43,486	-	43,486	Labor	44,791	46,134	47,518	48,944	50,412
115	FICA Taxes (Medicare)	8,300	8,435	8,080	8,034	12,544	10,166	-	10,166	Labor	10,471	10,785	11,109	11,442	11,785
116	Regular Retirement	53,489	61,213	66,433	67,600	109,103	95,175	-	95,175	Labor	98,030	100,971	104,000	107,120	110,334
117	Investment Retirement	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
118	Senior Management Retirement	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
119	Health Insurance	164,620	191,435	186,905	182,143	186,772	203,680	-	203,680	HealthIns	210,809	218,187	225,824	233,727	241,908
120	Health Ins Opt Out	108	17	11	82	118	-	-	-	HealthIns	-	-	-	-	-
121	Life Insurance	1,411	1,186	1,079	1,137	1,361	1,291	-	1,291	Inflation	1,323	1,352	1,382	1,413	1,444
122	Dental Insurance	4,250	4,560	4,114	4,254	4,679	5,085	-	5,085	Inflation	5,212	5,327	5,444	5,564	5,686
123	Disability Insurance	2,774	2,831	1,783	1,639	1,979	2,246	-	2,246	Inflation	2,302	2,353	2,405	2,457	2,512
124	Worker's Comp-(IGS)	19,393	20,084	20,084	-	-	-	-	-	Labor	-	-	-	-	-
125	Other Post-Employment Benefits (OPEB)	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
126	Total Personnel Services	\$ 885,495	\$ 931,348	\$ 901,047	\$ 871,139	\$ 1,255,824	\$ 1,092,484	\$ -	\$ 1,188,484		\$ 1,323,994	\$ 1,466,543	\$ 1,616,460	\$ 1,774,058	\$ 1,828,373
<u>Operating Expenses</u>															
127	Legal Services	\$ -	\$ 8,074	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Inflation	\$ -	\$ -	\$ -	\$ -	\$ -
128	Financial Services	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
129	Architect and Engin. Serv	9,058	22,190	-	-	-	-	-	-	Inflation	-	-	-	-	-
130	Other Professional Services	122,759	47,113	21,583	120	4,740	-	-	-	Inflation	-	-	-	-	-
131	Court Reporter Expenses	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
132	Janitorial Services	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
133	Uniform/Laundry Service	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
134	Comp Data Proc & Netwk-IGS	74,000	61,312	68,119	74,931	92,628	-	-	-	Inflation	-	-	-	-	-
135	Data Processing	-	955	58,400	64,678	68,631	72,000	-	72,000	Inflation	73,800	75,424	77,083	78,779	80,512
136	Other Contracted Services	55,884	75,401	(217,128)	(217,169)	(102,674)	130,900	-	130,900	Inflation	134,173	137,124	140,141	143,224	146,375
137	Hauler Collection	24,644,385	25,452,140	26,842,966	28,252,595	36,636,831	48,041,114	(636,004)	47,405,110	Calculated	48,661,200	51,371,738	53,858,481	56,352,179	58,848,607
138	Local Travel - Class C	69	-	-	111	72	-	-	-	Inflation	-	-	-	-	-
139	Bridge Tickets & Passes	-	6	-	-	-	-	-	-	Inflation	-	-	-	-	-
140	Out-of-County Travel	774	-	1,481	1,425	9,212	15,360	-	15,360	Inflation	15,744	16,090	16,444	16,806	17,176
141	Interview Expenses	-	2,119	-	-	-	-	-	-	Inflation	-	-	-	-	-
142	Telecommunications	14,093	9,161	16,037	10,946	8,209	10,000	-	10,000	Inflation	10,250	10,476	10,706	10,941	11,182
143	Advertising	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
144	Int. Phone Line (IGS-Var)	18,256	18,012	16,198	16,553	11,514	11,514	-	11,514	Inflation	11,802	12,061	12,327	12,598	12,875
145	Int. Phone Usage (IGS-Var)	106	-	1	106	106	106	-	106	Inflation	109	111	113	116	119
146	Freight, Postage & Courier Svc	808	857	917	798	578	2,000	-	2,000	Inflation	2,050	2,095	2,141	2,188	2,236
147	Electric	-	-	-	-	-	-	-	-	Electric	-	-	-	-	-

**Table 8**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

Historical and Projected Operating Expenses

Line No.	Description	Historical					Budget 2024	Adjustments	Adjusted 2024	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023					2025	2026	2027	2028	2029
148	Water and Sewer	1,657	1,083	-	-	-	-	-	-	W&S	-	-	-	-	-
149	Trash, Garbage&Sludge Removal	-	-	-	-	-	-	-	-	DisposalRate	-	-	-	-	-
150	All Utility Services	-	-	928	9,826	2,021	1,380	-	1,380	DisposalRate	1,435	1,493	1,552	1,614	1,679
151	Land, Bldg, Parking Rental	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
152	Other Equipment Rental	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
153	Self Ins Assess-Auto Ins	1,678	2,528	2,528	-	-	-	-	-	Inflation	-	-	-	-	-
154	Insurance and Bonds	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
155	Building Maintenance	-	-	-	-	-	-	-	-	Repair	-	-	-	-	-
156	Maintenance Material	-	-	-	-	-	-	-	-	Repair	-	-	-	-	-
157	Vehicle Maintenance	-	-	-	-	-	-	-	-	Repair	-	-	-	-	-
158	Equipment Maintenance	1,519	2,006	-	-	-	-	-	-	Repair	-	-	-	-	-
159	Equipment Repair Parts	-	34	-	-	-	-	-	-	Repair	-	-	-	-	-
160	Repair & Maint. - Services & Labor	-	-	1,861	2,037	1,449	4,440	-	4,440	Inflation	4,551	4,651	4,753	4,858	4,965
159	Repairs & Maint-Parts	-	-	89	-	-	1,546	-	-	Inflation	-	-	-	-	-
161	Horticultural	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
162	Tires & Tubes	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
163	Batteries	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
164	Internal Repair & Maint.	2,958	3,814	4,050	3,605	4,085	3,800	-	3,800	Repair	3,952	4,110	4,274	4,445	4,623
165	Prntng, Bndng & Copy Ext	2,180	152	527	-	-	-	-	-	Inflation	-	-	-	-	-
166	Prntng, Bndng & Copy Int	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
167	Promo, Advertising & Expenses	-	-	-	-	44	-	-	-	Inflation	-	-	-	-	-
168	Deputy Clerk Fees	350	50	-	-	-	-	-	-	Inflation	-	-	-	-	-
169	Indirect Cost	270,474	345,788	377,097	373,083	430,919	481,578	-	481,578	Labor	496,025	510,906	526,233	542,020	558,281
170	Solid Waste Assessment	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
171	Fiscal Support	17,039	17,550	18,168	18,802	19,307	14,249	-	14,249	Inflation	14,605	14,927	15,255	15,591	15,934
172	License,Permit & Appl.Fee	737	-	90	80	70	-	-	-	Inflation	-	-	-	-	-
173	Preprinted Forms	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
174	Gen. Office Supplies	16,675	17,150	13,469	-	-	-	-	-	Inflation	-	-	-	-	-
175	Fuel and Lubricants	-	-	-	-	-	-	-	-	Fuel	-	-	-	-	-
176	Medical Supplies & Drugs	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
177	Clothing & Wearing Apparel	269	480	-	-	-	-	-	-	Inflation	-	-	-	-	-
178	Chem, Insect & Fertilizer	-	-	-	-	-	-	-	-	Chemicals	-	-	-	-	-
179	Food and Food Supplies	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
180	Jani. & Other Maint. Supplies	171	123	-	-	-	-	-	-	Inflation	-	-	-	-	-
181	Minor Equipment	10,902	4,082	16,440	1,864	1,460	3,000	-	3,000	Inflation	3,075	3,143	3,212	3,282	3,355
182	Attractive Items	-	-	-	5,340	-	-	-	-	Inflation	-	-	-	-	-
183	Other Supplies	231	150	2,703	1,652	482	-	-	-	Inflation	-	-	-	-	-
184	Asphalt and Coldmix	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
185	Road Base Materials	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
186	Cement and Concrete	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
187	Sign Material	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
188	Reference Materials	745	-	185	-	853	-	-	-	Inflation	-	-	-	-	-
189	Memberships	2,304	648	686	1,751	3,646	3,730	-	3,730	Inflation	3,823	3,907	3,993	4,081	4,171
190	Training/Seminars/Bus. Meeting	1,190	2,650	1,982	4,194	4,272	4,540	-	4,540	Inflation	4,654	4,756	4,861	4,967	5,077
191	Furniture and Equipment	-	-	17,281	26,000	-	-	-	-	Eliminate	-	-	-	-	-
192	Vehicle & Rolling Stock	-	-	55,381	-	-	-	-	-	Eliminate	-	-	-	-	-
193	Aids to Priv. Organizations	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
194	Land & Court Reg. Depst.	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
195	Misc Fines-Like Fire Alarms	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
196	Land Acquisition Services	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
197	Intangible Asset - Software	-	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-
198	Lease Purchase Principal	-	-	-	-	-	-	-	-	Constant	-	-	-	-	-
199	Grants/Aid to Local Governments	554,822	551,561	584,227	610,144	659,066	660,000	-	660,000	Pop	671,021	682,180	692,833	702,978	712,616
200	Assessment Billing	-	-	-	-	-	-	945,820	945,820	Calculated	964,342	979,175	992,341	991,800	1,002,028
201	Total Operating Expenses	\$ 25,826,094	\$ 26,647,187	\$ 27,906,266	\$ 29,263,471	\$ 37,859,067	\$ 49,575,211	\$ 194,316	\$ 49,769,527		\$ 51,076,610	\$ 53,834,367	\$ 56,366,744	\$ 58,892,470	\$ 61,431,810
202	Total Operations/Solid Waste Management	\$ 26,711,589	\$ 27,578,535	\$ 28,807,313	\$ 30,134,610	\$ 39,114,891	\$ 50,667,695	\$ 194,316	\$ 50,958,011		\$ 52,400,604	\$ 55,300,910	\$ 57,983,204	\$ 60,666,528	\$ 63,260,183
<b>53406 - Recycling</b>															
<u>Personnel Services</u>															
203	Salaries - Full Time Regular	\$ 423,749	\$ 147,929	\$ 138,745	\$ 149,584	\$ 115,085	\$ 181,290	\$ -	\$ 181,290	Labor	\$ 186,729	\$ 192,331	\$ 198,100	\$ 204,043	\$ 210,165
204	Salaries - PT Regular	4,904	153	-	-	-	-	-	-	Labor	-	-	-	-	-
205	Additional Personnel	-	-	-	-	-	-	-	-	Calculated	-	-	-	216,098	222,581
206	Special Pay (w/ Retirement)	92	42	2,072	3,490	166	-	-	-	Labor	-	-	-	-	-
207	Sick Leave	24,296	4,963	6,801	18,054	28,081	-	-	-	Labor	-	-	-	-	-
208	Vacation Leave	32,567	10,397	12,507	7,682	14,407	-	-	-	Labor	-	-	-	-	-
209	CPI-Consumer Price Index	-	-	-	-	-	9,069	-	9,069	Labor	9,341	9,621	9,910	10,207	10,513
210	Pay-Non-Perm Labor	4,604	799	50	134	-	-	-	-	Labor	-	-	-	-	-
211	Overtime (OT 1.0)	6,393	1,649	1,496	1,929	2,216	-	-	-	Labor	-	-	-	-	-
212	Overtime (OT 1.5)	21,428	4,790	3,876	4,167	6,248	-	-	-	Labor	-	-	-	-	-
213	Holiday Pay	22,023	6,840	6,793	7,549	7,670	-	-	-	Labor	-	-	-	-	-
214	Disaster Pay - (OT 1.5)	-	-	52	2,978	6,751	-	-	-	Labor	-	-	-	-	-
215	Disaster Pay (1.0)	-	-	165	4,684	26,044	-	-	-	Labor	-	-	-	-	-
216	Special Pay (w/o Retirement)	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
217	Sick Leave Buy Back	-	-	-	11	-	-	-	-	Labor	-	-	-	-	-
218	FICA Taxes (OASDI)	32,092	10,531	10,279	11,888	12,501	11,804	-	11,804	Labor	12,158	12,523	12,899	13,286	13,684
219	FICA Taxes (Medicare)	7,554	2,475	2,404	2,780	2,924	2,761	-	2,761	Labor	2,844	2,929	3,017	3,108	3,201
220	Regular Retirement	48,525	15,779	17,685	22,343	25,520	25,835	-	25,835	Labor	26,610	27,408	28,231	29,078	29,950
221	Investment Retirement	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-

**Table 8  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

**Historical and Projected Operating Expenses**

Line No.	Description	Historical					Budget 2024	Adjustments	Adjusted 2024	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023					2025	2026	2027	2028	2029
222	Senior Management Retirement	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
223	Health Insurance	138,755	46,150	50,068	53,754	45,985	56,502	56,502	HealthIns	58,480	60,526	62,645	64,837	67,107	
224	Health Ins Opt Out	132	12	6	-	-	-	-	HealthIns	-	-	-	-	-	
225	Life Insurance	1,182	320	326	411	379	350	350	Inflation	359	367	375	383	391	
226	Dental Insurance	3,684	1,079	1,044	1,085	996	1,134	1,134	Inflation	1,162	1,188	1,214	1,241	1,268	
227	Disability Insurance	2,394	770	583	589	551	606	606	Inflation	621	635	649	663	678	
228	Worker's Comp-(IGS)	17,454	8,033	8,033	-	-	-	-	Labor	-	-	-	-	-	
229	Other Post-Employment Benefits (OPEB)	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
230	<b>Total Personnel Services</b>	<b>\$ 791,827</b>	<b>\$ 262,710</b>	<b>\$ 262,984</b>	<b>\$ 293,113</b>	<b>\$ 295,523</b>	<b>\$ 289,351</b>	<b>\$ 289,351</b>		<b>\$ 298,304</b>	<b>\$ 307,528</b>	<b>\$ 317,039</b>	<b>\$ 326,443</b>	<b>\$ 335,957</b>	
	<b>Operating Expenses</b>														
231	Legal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Inflation	\$ -	\$ -	\$ -	\$ -	\$ -	
232	Financial Services	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
233	Architect and Engin. Serv	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
234	Other Professional Services	20,260	32,660	76,053	43,705	63,901	100,000	100,000	Inflation	102,500	104,755	107,060	109,415	111,822	
235	Court Reporter Expenses	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
236	Janitorial Services	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
237	Uniform/Laundry Service	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
238	Comp Data Proc & Netwk-IGS	-	-	-	-	-	16,347	16,347	Inflation	16,756	17,124	17,501	17,886	18,280	
239	Data Processing	542	542	1,227	525	768	-	-	Inflation	-	-	-	-	-	
240	Other Contracted Services	-	-	-	134,173	9,235,203	126,150	126,150	Inflation	129,304	132,148	135,056	138,027	141,064	
241	Other Contracted Services - Republic	4,010,868	4,101,508	1,091,757	-	-	9,202,000	755,093	Calculated	10,461,669	10,910,894	11,363,403	11,819,815	12,280,584	
242	Local Travel - Class C	152	-	-	125	-	100	100	Inflation	103	105	107	109	112	
243	Bridge Tickets & Passes	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
244	Out-of-County Travel	968	-	1,140	3,209	3,349	5,100	5,100	Inflation	5,228	5,343	5,460	5,580	5,703	
245	Telecommunications	690	1,250	1,575	1,242	1,441	960	960	Inflation	984	1,006	1,028	1,050	1,073	
246	Advertising	10,070	3,515	-	-	-	-	-	Inflation	-	-	-	-	-	
247	Int. Phone Line (IGS-Var)	7,923	7,524	6,897	7,587	3,030	3,030	3,030	Inflation	3,106	3,174	3,244	3,315	3,388	
248	Int. Phone Usage (IGS-Var)	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
249	Freight, Postage & Courier Svc	-	-	245	-	-	-	-	Inflation	-	-	-	-	-	
250	Vehicle Rental	270	1,545	-	-	-	-	-	Inflation	-	-	-	-	-	
251	Electric	-	-	-	-	-	-	-	Electric	-	-	-	-	-	
252	Water and Sewer	-	-	-	-	-	-	-	W&S	-	-	-	-	-	
253	Trash, Garbage&Sludge Removal	944,508	848,214	-	-	-	-	-	DisposalRate	-	-	-	-	-	
254	All Utility Services	-	-	-	974,345	928,629	1,020,000	1,020,000	DisposalRate	1,060,800	1,103,232	1,147,361	1,193,256	1,240,986	
255	Land, Bldg, Parking Rental	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
256	Other Equipment Rental	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
257	Rental&Lease <12mos <\$,000	-	-	711	-	-	-	-	Inflation	-	-	-	-	-	
258	Self Ins Assess-Auto Ins	1,305	1,966	1,966	-	-	-	-	Inflation	-	-	-	-	-	
259	Self Ins Assess-Prop Ins	59,550	58,025	58,025	-	-	-	-	Inflation	-	-	-	-	-	
260	Insurance and Bonds	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
261	Building Maintenance	-	-	-	-	-	-	-	Repair	-	-	-	-	-	
262	Maintenance Material	-	-	-	-	-	-	-	Repair	-	-	-	-	-	
263	Vehicle Maintenance	-	-	-	-	-	-	-	Repair	-	-	-	-	-	
264	Equipment Maintenance	-	-	-	-	-	-	-	Repair	-	-	-	-	-	
265	Equipment Repair Parts	43,846	-	-	-	-	-	-	Repair	-	-	-	-	-	
266	Repair & Maint. - Services & Labor	-	-	4,391	-	-	-	-	Repair	-	-	-	-	-	
267	Repairs & Maint-Parts	-	-	-	20,406	55,311	-	-	Repair	-	-	-	-	-	
268	Horticultural	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
269	Tires & Tubes	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
270	Batteries	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
271	Internal Repair & Maint.	100	-	-	68	-	-	-	Repair	-	-	-	-	-	
272	Prntng, Bndng & Copy Ext	26,348	24,969	22,126	34,342	6,676	30,000	30,000	Inflation	30,750	31,427	32,118	32,824	33,547	
273	Prntng, Bndng & Copy Int	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
274	Promo. Advertising & Expenses	213,170	166,982	82,157	145,396	112,522	252,000	252,000	Inflation	258,300	263,983	269,790	275,726	281,792	
275	Promotions/Brochures/Entertainment	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
276	Deputy Clerk Fees	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
277	Indirect Cost	15,515	19,835	21,631	21,401	24,718	27,625	27,625	Inflation	28,316	28,939	29,575	30,226	30,891	
278	Solid Waste Assessment	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
279	Fiscal Support	11,820	12,175	12,604	13,044	13,393	9,885	9,885	Inflation	10,132	10,355	10,583	10,816	11,054	
280	License,Permit & Appl.Fee	-	4,171	-	162	-	-	-	Inflation	-	-	-	-	-	
281	Preprinted Forms	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
282	Gen. Office Supplies	-	-	1,492	-	-	-	-	Inflation	-	-	-	-	-	
283	Fuel and Lubricants	-	-	-	-	-	-	-	Fuel	-	-	-	-	-	
284	Medical Supplies & Drugs	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
285	Clothing & Wearing Apparel	150	-	-	-	-	-	-	Inflation	-	-	-	-	-	
286	Chem. Insect & Fertilizer	-	-	-	-	-	-	-	Chemicals	-	-	-	-	-	
287	Food and Food Supplies	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
288	Jani. & Other Maint. Supplies	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
289	Minor Equipment	150,416	177,406	206,867	391,462	176,525	700,000	700,000	Calculated	232,588	196,442	174,737	152,054	128,797	
290	Minor Equipment	-	-	-	360	-	-	-	Inflation	-	-	-	-	-	
291	Attractive Items	-	-	-	5,230	-	-	-	Inflation	-	-	-	-	-	
292	Other Supplies	-	-	244	-	284	-	-	Inflation	-	-	-	-	-	
293	Asphalt and Coldmix	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
294	Road Base Materials	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
295	Cement and Concrete	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
296	Sign Material	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
297	Reference Materials	299	180	299	64	294	2,250	2,250	Inflation	2,306	2,357	2,409	2,462	2,516	
298	Memberships	1,413	981	860	2,114	3,519	4,000	4,000	Inflation	4,100	4,190	4,282	4,377	4,473	
299	Educational Expenses	-	138	-	-	-	1,500	1,500	Inflation	1,538	1,571	1,606	1,641	1,677	



**Table 8**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

Historical and Projected Operating Expenses

Line No.	Description	Historical					Budget	Adjustments	Adjusted	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023	2024		2024		2025	2026	2027	2028	2029
300	Training/Seminars/Bus. Meeting	5,567	1,170	3,541	1,984	5,735	22,625	-	22,625	Inflation	23,191	23,701	24,222	24,755	25,300
301	Building Improvements / Existing Structures	-	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-
302	Furniture and Equipment	-	-	-	434,954	174,173	-	-	-	Eliminate	-	-	-	-	-
303	Vehicle & Rolling Stock	-	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-
304	Permits, Licenses, and Fees	-	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-
305	Electronic Subscriptions	-	90	531	504	-	3,022	(3,022)	-	Eliminate	-	-	-	-	-
306	Aids to Priv. Organizations	85,000	85,000	85,000	85,000	130,622	105,000	(105,000)	-	Constant	-	-	-	-	-
307	County Graphics	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
308	County-Sponsored Functions	8,000	22,500	20,000	24,350	20,000	20,000	-	20,000	Inflation	20,500	20,951	21,412	21,883	22,364
309	Grants/Aid to Local Governments	1,381	-	230,161	579,883	1,281	10,000	-	10,000	Calculated	10,187	10,344	10,490	10,628	10,758
310	New MRF Incremental Operating Costs	-	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
311	Total Operating Expenses	\$ 5,620,131	\$ 5,572,346	\$ 1,931,501	\$ 2,925,633	\$ 10,961,373	\$ 11,661,594	\$ 647,071	\$ 12,308,665		\$ 12,402,355	\$ 12,872,039	\$ 13,361,445	\$ 13,855,846	\$ 14,356,179
312	Total Recycling	\$ 6,411,957	\$ 5,835,056	\$ 2,194,485	\$ 3,218,746	\$ 11,256,897	\$ 11,950,945	\$ 647,071	\$ 12,598,016		\$ 12,700,659	\$ 13,179,567	\$ 13,678,484	\$ 14,398,789	\$ 14,915,716
<b>53408- Disposal</b>															
<u>Personnel Services</u>															
313	Salaries - Full Time Regular	\$ 1,555,887	\$ 3,032,643	\$ 3,024,145	\$ 3,278,654	\$ 3,465,644	\$ 4,488,915	\$ -	\$ 4,488,915	Labor	\$ 4,623,582	\$ 4,762,290	\$ 4,905,159	\$ 5,052,313	\$ 5,203,883
314	Salaries - PT Regular	14,711	22,538	7,664	20,144	23,826	33,570	-	33,570	Labor	34,577	35,614	36,683	37,783	38,917
315	Additional Personnel	-	-	-	-	-	-	-	96,000	Calculated	197,760	305,539	419,607	540,244	556,452
316	Disaster Pay (1.0)	-	-	7,588	88,291	286,535	-	-	-	Labor	-	-	-	-	-
317	Special Pay (w/ Retirement)	322	981	2,957	5,188	6,020	-	-	-	Labor	-	-	-	-	-
318	Sick Leave	75,840	118,247	151,014	153,334	150,501	-	-	-	Labor	-	-	-	-	-
319	Vacation Leave	95,936	170,309	219,924	216,654	293,373	-	-	-	Labor	-	-	-	-	-
320	CPI-Consumer Price Index	-	-	-	-	-	226,130	-	226,130	Labor	232,914	239,901	247,098	254,511	262,147
321	Pay-Non-Perm Labor	21,342	3,392	43,356	6,685	45,993	60,000	-	60,000	Labor	61,800	63,654	65,564	67,531	69,556
322	Pay-Non-Perm Labor	21,342	-	-	-	-	-	-	-	Labor	-	-	-	-	-
323	Overtime (OT 1.0)	64,232	108,995	112,961	119,534	154,988	150,000	-	150,000	Labor	154,500	159,135	163,909	168,826	173,891
324	Overtime (OT 1.5)	271,798	372,173	502,801	520,573	804,093	875,000	-	875,000	Labor	901,250	928,288	956,136	984,820	1,014,365
325	Holiday Pay	75,610	146,596	150,317	156,905	179,418	-	-	-	Labor	-	-	-	-	-
326	Disaster Pay - (OT 1.5)	-	-	3,223	62,575	107,568	-	-	-	Labor	-	-	-	-	-
327	Special Pay (w/o Retirement)	-	-	10,251	-	-	-	-	-	Labor	-	-	-	-	-
328	Sick Leave Buy Back	-	423	399	63	481	-	-	-	Labor	-	-	-	-	-
329	FICA Taxes (OASDI)	131,037	240,837	255,255	279,174	331,569	293,614	-	293,614	Labor	302,422	311,495	320,840	330,465	340,379
330	FICA Taxes (Medicare)	30,648	56,379	59,878	65,381	78,985	68,856	-	68,856	Labor	70,922	73,049	75,241	77,498	79,823
331	Regular Retirement	186,901	355,928	421,493	498,119	665,112	628,592	-	628,592	Labor	647,450	666,873	686,879	707,486	728,710
332	Investment Retirement	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
333	Senior Management Retirement	-	21,759	-	50,696	59,212	61,121	-	61,121	Labor	62,955	64,843	66,789	68,792	70,856
334	Health Insurance	534,125	1,002,554	1,089,204	1,179,448	1,211,656	1,259,976	-	1,259,976	HealthIns	1,304,075	1,349,718	1,396,958	1,445,851	1,496,456
335	Health Ins Opt Out	1,657	2,955	2,357	1,711	1,761	1,800	-	1,800	HealthIns	1,863	1,928	1,996	2,066	2,138
336	Life Insurance	4,172	8,184	8,426	10,166	11,289	9,921	-	9,921	HealthIns	10,169	10,393	10,621	10,855	11,094
337	Dental Insurance	14,808	26,647	25,815	25,959	26,925	27,792	-	27,792	Inflation	28,487	29,114	29,754	30,409	31,078
338	Disability Insurance	8,499	16,520	11,084	11,778	13,005	14,663	-	14,663	Inflation	15,030	15,360	15,698	16,044	16,396
339	Worker's Comp-(IGS)	77,572	128,534	128,534	80,659	80,314	98,213	-	98,213	Labor	101,159	104,194	107,320	110,540	113,856
340	Total Personnel Services	\$ 3,186,436	\$ 5,836,593	\$ 6,238,647	\$ 6,831,694	\$ 7,998,269	\$ 8,298,163	\$ -	\$ 8,394,163		\$ 8,750,915	\$ 9,121,389	\$ 9,506,252	\$ 9,906,034	\$ 10,209,996
<u>Operating Expenses</u>															
341	Legal Services	\$ 12,137	\$ -	\$ -	\$ 7,771	\$ -	\$ -	\$ -	\$ -	Inflation	\$ -	\$ -	\$ -	\$ -	\$ -
342	Financial Services	89,308	116,471	164,936	240,838	416,036	350,000	-	350,000	Inflation	358,750	366,643	374,709	382,952	391,377
343	Architect and Engin. Servc	498,559	759,195	535,145	435,739	652,864	810,000	-	810,000	Inflation	830,250	848,516	867,183	886,261	905,759
344	Architect and Engin. Servc	-	9,510	20,000	58,711	217,648	116,000	-	116,000	Inflation	118,900	121,516	124,189	126,921	129,714
345	Other Professional Services	134,693	270,556	12,832	88,203	83,422	100,000	-	100,000	Inflation	102,500	104,755	107,060	109,415	111,822
346	Other Professional Services	-	55,324	123,159	34,364	21,262	15,000	-	15,000	Inflation	15,375	15,713	16,059	16,412	16,773
347	Auditing	-	5,000	-	-	-	-	-	-	Inflation	-	-	-	-	-
348	Court Reporter Expenses	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
349	Janitorial Services	1,580	2,620	-	-	-	-	-	-	Inflation	-	-	-	-	-
350	Uniform/Laundry Service	5,969	6,237	-	-	-	-	-	-	Inflation	-	-	-	-	-
351	Comp Data Proc & Netw-IGS	118,400	95,800	168,294	185,123	228,845	141,674	-	141,674	Inflation	145,216	148,411	151,676	155,012	158,423
352	Data Processing	19,531	7,698	18,261	38,876	110,032	15,000	-	15,000	Inflation	15,375	15,713	16,059	16,412	16,773
353	Data Processing	-	-	1,135	-	-	-	-	-	Inflation	-	-	-	-	-
354	Other Contracted Services	30,211,663	30,286,633	32,802,885	37,805,698	37,447,066	3,012,653	-	3,012,653	Repair	3,133,159	3,258,485	3,388,825	3,524,378	3,665,353
355	Covanta Operation	N/A	N/A	N/A	N/A	N/A	37,500,000	(2,299,363)	35,200,637	Calculated	31,088,141	32,316,231	33,426,411	34,563,150	35,747,817
356	Yard Waste Processing	N/A	N/A	N/A	N/A	N/A	2,671,792	298,954	2,970,746	Calculated	3,139,251	3,291,594	3,448,400	3,610,285	3,777,434
357	Local Travel - Class C	290	851	2,318	1,091	1,272	1,300	-	1,300	Inflation	1,333	1,362	1,392	1,422	1,454
358	Local Travel - Class C	-	196	-	-	-	-	-	-	Inflation	-	-	-	-	-
359	Bridge Tickets & Passes	6	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
360	Out-of-County Travel	17,744	2,276	1,940	10,012	15,120	21,750	-	21,750	Inflation	22,294	22,784	23,285	23,798	24,321
361	Out-of-County Travel 392	-	488	-	416	3,559	-	-	-	Inflation	-	-	-	-	-
362	Interview Expenses	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
363	Moving Expense	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
364	Telecommunications	15,244	23,100	21,697	13,240	13,600	23,320	-	23,320	Inflation	23,903	24,429	24,966	25,516	26,077
365	Telecommunications 392	-	-	-	-	-	1,920	-	1,920	Inflation	1,968	2,011	2,056	2,101	2,147
366	Advertising	1,083	4,523	-	-	-	-	-	-	Inflation	-	-	-	-	-
367	Int. Phone Line (IGS-Var)	20,151	20,007	19,280	19,312	13,332	13,332	-	13,332	Inflation	13,665	13,966	14,273	14,587	14,908
368	Int. Phone Usage (IGS-Var)	161	212	190	161	161	161	-	161	Inflation	165	169	172	176	180
369	Freight, Postage & Courier Svc	947	274	15	177	7	-	-	-	Inflation	-	-	-	-	-
370	Electric	-	-	-	-	-	-	-	-	Electric	-	-	-	-	-
371	Water and Sewer	-	-	-	-	-	-	-	-	W&S	-	-	-	-	-

**Table 8**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Historical and Projected Operating Expenses**

Line No.	Description	Historical					Budget 2024	Adjustments	Adjusted 2024	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023					2025	2026	2027	2028	2029
372	Trash, Garbage&Sludge Removal	144,099	141,812	-	-	-	-	-	-	DisposalRate	-	-	-	-	-
373	All Utility Services	-	-	45,942	55,491	148,852	200,000	-	200,000	Inflation	205,000	209,510	214,119	218,830	223,644
374	Land, Bldg, Parking Rental	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
375	Other Equipment Rental	6,544	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
376	Rental&Lease <12mos <5,000	-	-	96	-	18,170	7,200	-	7,200	Inflation	7,380	7,542	7,708	7,878	8,051
377	Small Equipment Leases	-	-	319	731	550	-	-	-	Inflation	-	-	-	-	-
378	Self Ins Assess-General Liability	156,908	-	11,080	17,283	28,307	16,349	-	16,349	Inflation	16,758	17,126	17,503	17,888	18,282
379	Self Ins Assess-Auto Ins	-	-	18,536	27,878	49,405	50,996	-	50,996	Inflation	52,271	53,421	54,596	55,797	57,025
380	Self Ins Assess-Prop Ins	120,906	-	117,807	279,952	194,702	220,284	-	220,284	Inflation	225,791	230,759	235,835	241,024	246,326
381	Insurance and Bonds	183,035	233,635	213,987	243,768	287,202	340,000	-	340,000	Inflation	348,500	356,167	364,003	372,011	380,195
382	Building Maintenance	-	-	-	-	-	-	-	-	Repair	-	-	-	-	-
383	Maintenance Material	6,476	32	-	-	-	-	-	-	Repair	-	-	-	-	-
384	Vehicle Maintenance	-	-	-	-	-	-	-	-	Disposal/Hauling	-	-	-	-	-
385	Equipment Maintenance	3,936	4,536	-	-	-	-	-	-	Repair	-	-	-	-	-
386	Equipment Maintenance 392	-	-	-	-	-	-	-	-	Repair	-	-	-	-	-
387	Equipment Repair Parts	1,816	320	-	-	-	-	-	-	Repair	-	-	-	-	-
388	Repair & Maint. - Services & Labor	-	-	3,831	7,786	6,090	10,000	-	10,000	Repair	10,400	10,816	11,249	11,699	12,167
389	Repair & Maint. - Services & Labor	-	-	-	-	-	-	-	-	Repair	-	-	-	-	-
390	Repairs & Maint. - Parts	-	-	1,777	4,005	19,646	35,000	-	35,000	Repair	36,400	37,856	39,370	40,945	42,583
391	Repairs & Maint. - Parts	-	-	-	324	206	-	-	-	Repair	-	-	-	-	-
392	Repairs & Maint. - Parts	-	-	524	2,743	587	-	-	-	Repair	-	-	-	-	-
393	Repairs & Maint. - Parts	-	-	3,174	1,825	1,984	2,000	-	2,000	Repair	2,080	2,163	2,250	2,340	2,433
394	Horticultural	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
395	Tires & Tubes	251	98	-	-	-	-	-	-	Inflation	-	-	-	-	-
396	Batteries	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
397	Internal Repair & Maint.	2,677	20	-	-	-	-	-	-	Repair	-	-	-	-	-
398	Prntng, Bndng & Copy Ext	4,500	215	845	111	4,323	-	-	-	Inflation	-	-	-	-	-
399	Prntng, Bndng & Copy Ext 392	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
400	Prntng, Bndng & Copy Int	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
401	Promo, Advertising & Expenses	109,303	15,005	430	788	180	-	-	-	Inflation	-	-	-	-	-
402	Promotions/Brochures/Entertainment	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
403	Deputy Clerk Fees	10	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
404	Indirect Cost	343,660	439,353	479,134	474,033	547,519	611,885	-	611,885	Inflation	627,182	640,980	655,082	669,493	684,222
405	Solid Waste Assessment	-	9,188	9,188	9,188	9,188	11,000	-	11,000	Inflation	11,275	11,523	11,777	12,036	12,300
406	Fiscal Support	116,256	119,744	123,962	128,289	131,730	97,221	-	97,221	Inflation	99,652	101,844	104,084	106,374	108,715
407	License,Permit & Appl.Fee	26,892	291	4,112	9,655	3,085	560	-	560	Inflation	574	587	600	613	626
408	License,Permit & Appl.Fee 392	-	-	24,562	24,420	24,871	27,225	-	27,225	Inflation	27,906	28,520	29,147	29,788	30,444
409	Non-Recurring Expenses	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
410	Preprinted Forms	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
411	Gen. Office Supplies	3,230	341	-	17,457	26,511	35,000	-	35,000	Inflation	35,875	36,664	37,471	38,295	39,138
412	Fuel and Lubricants	-	33,609	38,534	35,814	7,346	20,000	-	20,000	Disposal/Hauling	20,754	21,434	22,133	22,850	23,588
413	Medical Supplies & Drugs	619	53	-	-	-	-	-	-	Inflation	-	-	-	-	-
414	Clothing & Wearing Apparel	1,934	2,896	-	-	-	300	-	300	Inflation	308	314	321	328	335
415	Clothing & Wearing Apparel 392	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
416	Chem, Insect & Fertilizer	69	-	223	-	-	-	-	-	Chemicals	-	-	-	-	-
417	Food and Food Supplies	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
418	Jani. & Other Maint. Supplies	1,899	1,154	-	-	-	-	-	-	Inflation	-	-	-	-	-
419	Jani. & Other Maint. Supplies	-	51	-	-	-	-	-	-	Inflation	-	-	-	-	-
420	Recreational Supplies	-	7	-	-	-	-	-	-	Inflation	-	-	-	-	-
421	Minor Equipment	11,148	8,664	38,319	23,638	24,357	27,000	-	27,000	Inflation	27,675	28,284	28,906	29,542	30,192
422	Minor Equipment	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
423	Attractive Items	-	-	1,550	5,025	3,211	-	-	-	Inflation	-	-	-	-	-
424	Attractive Items	-	-	-	2,820	-	-	-	-	Inflation	-	-	-	-	-
425	Attractive Items	-	-	2,129	1,633	-	-	-	-	Inflation	-	-	-	-	-
426	Miscellaneous Furniture	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
427	Other Supplies	11,472	7,939	15,014	30,284	36,956	65,850	-	65,850	Inflation	67,496	68,981	70,499	72,050	73,635
428	Other Supplies	-	-	344	-	-	-	-	-	Inflation	-	-	-	-	-
429	Other Supplies	-	-	-	6,842	2,642	-	-	-	Inflation	-	-	-	-	-
430	Asphalt and Coldmix	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
431	Road Base Materials	852	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
432	Cement and Concrete	-	329	-	-	-	-	-	-	Inflation	-	-	-	-	-
433	Fill Material	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
434	Sign Material	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
435	Other Road Materials	-	-	-	1,424	-	-	-	-	Inflation	-	-	-	-	-
436	Other Road Materials	-	-	74	-	-	-	-	-	Inflation	-	-	-	-	-
437	Reference Materials	120	918	745	2,037	605	5,100	-	5,100	Inflation	5,228	5,343	5,460	5,580	5,703
438	Reference Materials 392	-	-	-	31	-	-	-	-	Inflation	-	-	-	-	-
439	Memberships	2,779	6,017	4,843	21,564	14,107	19,500	-	19,500	Inflation	19,988	20,427	20,877	21,336	21,805
440	Memberships 392	-	-	-	395	1,034	-	-	-	Inflation	-	-	-	-	-
441	Educational Expenses	-	276	409	1,476	1,548	400	-	400	Inflation	410	419	428	438	447
442	Educational Expenses	-	138	-	-	-	-	-	-	Inflation	-	-	-	-	-
443	Training/Seminars/Bus. Meeting	20,819	12,632	19,221	22,032	12,491	18,750	-	18,750	Inflation	19,219	19,642	20,074	20,515	20,967
444	Training/Seminars/Bus. Meeting 392	-	755	-	145	3,005	2,500	-	2,500	Inflation	2,563	2,619	2,676	2,735	2,796
445	Furniture and Equipment	-	119,099	-	41,137	-	229,000	-	-	Eliminate	-	-	-	-	-
446	Vehicle & Rolling Stock	-	56,112	265,953	159,882	1,460,091	940,000	(229,000)	(940,000)	Eliminate	-	-	-	-	-
447	Aids to Priv. Organizations	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
448	County-Sponsored Functions	-	813	-	38	-	-	-	-	Inflation	-	-	-	-	-
449	Appraisal Services	-	200	-	-	-	-	-	-	Inflation	-	-	-	-	-
450	Land & Court Reg. Depst.	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
451	Misc Fines-Like Fire Alarms	-	-	194	-	-	-	-	-	Inflation	-	-	-	-	-
452	Truck Weighing Charges	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-

**Table 8  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

Historical and Projected Operating Expenses

Line No.	Description	Historical					Budget 2024	Adjustments	Adjusted 2024	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023					2025	2026	2027	2028	2029
453	Administrative Charges	-	2,236	2,057	2,319	2,428	2,723	-	2,723	Inflation	2,791	2,852	2,915	2,979	3,045
454	Paper Subscriptions	-	-	-	-	20	-	-	-	Inflation	-	-	-	-	-
455	Total Operating Expense	\$ 32,439,000	\$ 32,885,461	\$ 35,349,146	\$ 40,600,876	\$ 42,297,174	\$ 47,789,745	\$ (3,169,410)	\$ 44,620,335		\$ 40,883,719	\$ 42,468,090	\$ 43,945,797	\$ 45,462,164	\$ 47,038,994
456	Total Disposal	\$ 35,625,436	\$ 38,722,054	\$ 41,587,793	\$ 47,432,571	\$ 50,295,443	\$ 56,087,908	\$ (3,169,410)	\$ 53,014,498		\$ 49,634,633	\$ 51,589,479	\$ 53,452,049	\$ 55,368,198	\$ 57,248,991

**Table 8  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

Historical and Projected Operating Expenses

Line No.	Description	Fiscal Year Ending September 30,					Budget 2024	Adjustments	Adjusted 2024	Escalation Reference	Fiscal Year Ending September 30,											
		2019	2020	2021	2022	2023					2025	2026	2027	2028	2029							
<b>53408- Buckingham Campus Transfer Station</b>																						
<u>Personnel Services</u>																						
457	Salaries - Full Time Regular	\$ 84,392	\$ 2,852	\$ -	\$ -	\$ -	\$ -	\$ -		Labor	\$ -	\$ -	\$ -	\$ -	\$ -							
458	Salaries - PT Regular	-	-	-	-	-	-	-		Labor	-	-	-	-	-							
459	Special Pay (w/ Retirement)	-	-	-	-	-	-	-		Labor	-	-	-	-	-							
460	Additional Personnel	-	-	-	-	-	-	96,000		Calculated	197,760	305,539	419,607	540,244	556,452							
461	Sick Leave	2,278	12	-	-	-	-	-		Labor	-	-	-	-	-							
462	Vacation Leave	3,669	125	-	-	-	-	-		Labor	-	-	-	-	-							
463	CPI-Consumer Price Index	-	-	-	-	-	-	-		Labor	-	-	-	-	-							
464	Pay-Non-Perm Labor	-	-	-	-	-	-	-		Labor	-	-	-	-	-							
465	Overtime (OT 1.0)	2,089	47	-	-	-	-	-		Labor	-	-	-	-	-							
466	Overtime (OT 1.5)	16,364	585	-	-	-	-	-		Labor	-	-	-	-	-							
467	Holiday Pay	2,858	-	-	-	-	-	-		Labor	-	-	-	-	-							
468	Disaster Pay (1.0)	-	-	-	-	-	-	-		Labor	-	-	-	-	-							
469	Special Pay (w/o Retirement)	-	-	-	-	-	-	-		Labor	-	-	-	-	-							
470	Sick Leave Buy Back	-	-	-	-	-	-	-		Labor	-	-	-	-	-							
471	FICA Taxes (OASDI)	6,769	220	-	-	-	-	-		Labor	-	-	-	-	-							
472	FICA Taxes (Medicare)	1,583	52	-	-	-	-	-		Labor	-	-	-	-	-							
473	Regular Retirement	9,309	307	-	-	-	-	-		Labor	-	-	-	-	-							
474	Investment Retirement	-	-	-	-	-	-	-		Labor	-	-	-	-	-							
475	Senior Management Retirement	-	-	-	-	-	-	-		Labor	-	-	-	-	-							
476	Health Insurance	23,085	-	-	-	-	-	-		HealthIns	-	-	-	-	-							
477	Health Ins Opt Out	-	-	-	-	-	-	-		HealthIns	-	-	-	-	-							
478	Life Insurance	174	-	-	-	-	-	-		Inflation	-	-	-	-	-							
479	Dental Insurance	703	-	-	-	-	-	-		Inflation	-	-	-	-	-							
480	Disability Insurance	414	-	-	-	-	-	-		Inflation	-	-	-	-	-							
481	Worker's Comp-(IGS)	3,879	-	-	-	-	-	-		Labor	-	-	-	-	-							
482	Total Personnel Services	\$ 157,568	\$ 4,201	\$ -	\$ -	\$ -	\$ -	\$ 96,000			\$ 197,760	\$ 305,539	\$ 419,607	\$ 540,244	\$ 556,452							
<u>Operating Expenses</u>																						
483	Legal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		Inflation	\$ -	\$ -	\$ -	\$ -	\$ -							
484	Financial Services	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
485	Architect and Engin. Serve	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
486	Other Professional Services	6,397	-	-	-	-	-	-		Inf+LF	-	-	-	-	-							
487	Court Reporter Expenses	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
488	Janitorial Services	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
489	Uniform/Laundry Service	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
490	Comp Data Proc & Netwk-IGS	14,800	15,328	16,028	17,631	21,795	-	-		Inflation	-	-	-	-	-							
491	Data Processing	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
492	Other Contracted Services	18,250	64,869	11,812	8,265	41,770	528,612	528,612		Inflation	541,827	553,748	565,930	578,380	591,105							
493	Local Travel - Class C	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
494	Bridge Tickets & Passes	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
495	Out-of-County Travel	-	-	-	-	3,495	-	-		Inflation	-	-	-	-	-							
496	Telecommunications	-	-	3,982	14,829	16,449	18,000	18,000		Inflation	18,450	18,856	19,271	19,695	20,128							
497	Advertising	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
498	Int. Phone Line (IGS-Var)	6,373	6,156	5,643	6,207	1,818	1,818	1,818		Inflation	1,863	1,904	1,946	1,989	2,033							
499	Int. Phone Usage (IGS-Var)	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
500	Freight, Postage & Courier Svc	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
501	Electric	-	-	-	-	-	-	-		Electric	-	-	-	-	-							
502	Water and Sewer	-	-	-	-	-	-	-		W&S	-	-	-	-	-							
503	Trash, Garbage&Sludge Removal	-	-	-	-	-	-	-		DisposalRate	-	-	-	-	-							
504	Land, Bldg, Parking Rental	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
505	Other Equipment Rental	34,052	5,450	-	-	-	-	-		Inflation	-	-	-	-	-							
506	Rental & Lease (<12 mos, <\$5,000)	-	-	-	-	2,756	16,000	16,000		Inflation	16,400	16,761	17,130	17,506	17,892							
507	Self Ins Assess-Auto Ins	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
508	Insurance and Bonds	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
509	Building Maintenance	-	-	-	-	-	-	-		Repair	-	-	-	-	-							
510	Maintenance Material	5,011	-	-	-	-	-	-		Repair	-	-	-	-	-							
511	Vehicle Maintenance	-	-	-	-	-	-	-		Repair	-	-	-	-	-							
512	Equipment Maintenance	4,170	436	-	-	-	-	-		Repair	-	-	-	-	-							
513	Equipment Repair Parts	1,447	989	-	-	-	-	-		Inflation	-	-	-	-	-							
514	Repair & Maint. - Services & Labor	-	-	891	767	722	-	-		Inflation	-	-	-	-	-							
515	Horticultural	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
516	Tires & Tubes	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
517	Batteries	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
518	Internal Repair & Maint.	15	-	-	-	-	-	-		Repair	-	-	-	-	-							
519	Prntng, Bndng & Copy Ext	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
520	Prntng, Bndng & Copy Int	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
521	Promo, Advertising & Expenses	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
522	Deputy Clerk Fees	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
523	Indirect Cost	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
524	Solid Waste Assessment	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
525	Fiscal Support	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
526	License,Permit & Appl.Fee	360	82	83	95	-	-	-		Inflation	-	-	-	-	-							
527	Preprinted Forms	-	-	-	-	-	-	-		Inflation	-	-	-	-	-							
528	Gen. Office Supplies	21	-	-	-	-	-	-		Inflation	-	-	-	-	-							
529	Fuel and Lubricants	15	-	-	-	-	-	-		Fuel	-	-	-	-	-							
530	Medical Supplies & Drugs	243	108	-	-	-	-	-		Inflation	-	-	-	-	-							
531	Clothing & Wearing Apparel	6,511	4,898	-	-	-	-	-		Inflation	-	-	-	-	-							

**Table 8  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

Historical and Projected Operating Expenses

Line No.	Description	Historical					Budget	Adjustments	Adjusted	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023	2024		2024		2025	2026	2027	2028	2029
532	Chem. Insect & Fertilizer	-	-	-	-	-	-	-	-	Chemicals	-	-	-	-	-
533	Food and Food Supplies	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
534	Jani. & Other Maint. Supplies	3,856	3,456	-	-	-	-	-	-	Inflation	-	-	-	-	-
535	Minor Equipment	1,829	1,351	5,196	1,910	240	500	500	500	Inflation	513	524	535	547	559
536	Other Supplies	822	371	10,338	3,261	1,630	3,800	3,800	3,800	Inflation	3,895	3,981	4,068	4,158	4,249
537	Asphalt and Coldmix	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
538	Road Base Materials	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
539	Cement and Concrete	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
540	Sign Material	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
541	Reference Materials	3,284	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
542	Memberships	-	-	-	-	245	-	-	-	Inflation	-	-	-	-	-
543	Training/Seminars/Bus. Meeting	-	-	-	225	2,373	1,500	-	1,500	Inflation	1,538	1,571	1,606	1,641	1,677
544	Furniture and Equipment	-	3,141	-	-	-	-	-	-	Eliminate	-	-	-	-	-
545	Vehicle & Rolling Stock	-	246,993	-	-	-	-	-	-	Eliminate	-	-	-	-	-
546	Aids to Priv. Organizations	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
547	Total Operating Expense	\$ 107,454	\$ 353,628	\$ 53,973	\$ 53,191	\$ 93,291	\$ 570,230	\$ -	\$ 570,230		\$ 584,486	\$ 597,344	\$ 610,486	\$ 623,917	\$ 637,643
548	Total Waste to Energy Facility	\$ 265,022	\$ 357,829	\$ 53,973	\$ 53,191	\$ 93,291	\$ 570,230	\$ -	\$ 666,230		\$ 782,246	\$ 902,884	\$ 1,030,093	\$ 1,164,161	\$ 1,194,094
<b>53408- Hazardous Waste</b>															
<u>Personnel Services</u>															
549	Salaries - Full Time Regular	\$ 297,454	\$ 270,464	\$ 265,476	\$ 305,699	\$ 292,807	\$ 425,430	\$ -	\$ 425,430	Labor	\$ 438,193	\$ 451,339	\$ 464,879	\$ 478,825	\$ 493,190
550	Salaries - PT Regular	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
551	Additional Personnel	-	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
552	Special Pay (w/ Retirement)	78	650	1,499	3,307	144	-	-	-	Labor	-	-	-	-	-
553	Sick Leave	13,224	10,240	14,565	20,399	24,233	-	-	-	Labor	-	-	-	-	-
554	Vacation Leave	22,075	19,753	19,982	21,413	25,897	-	-	-	Labor	-	-	-	-	-
555	CPI/Consumer Price Index	-	-	-	-	-	21,278	-	-	Labor	21,916	22,574	23,251	23,949	24,667
556	Pay-Non-Perm Labor	-	-	50	134	-	-	-	-	Labor	-	-	-	-	-
557	Overtime (OT 1.0)	3,307	2,273	3,188	3,121	4,285	3,500	-	3,500	Labor	3,605	3,713	3,825	3,939	4,057
558	Overtime (OT 1.5)	12,399	8,414	8,572	13,833	11,334	5,000	-	5,000	Labor	5,150	5,305	5,464	5,628	5,796
559	Holiday Pay	13,675	13,284	13,417	15,469	16,253	-	-	-	Labor	-	-	-	-	-
560	Disaster Pay - (OT 1.5)	-	-	31	7,964	15,339	-	-	-	Labor	-	-	-	-	-
561	Disaster Pay (1.0)	-	-	99	15,083	44,084	-	-	-	Labor	-	-	-	-	-
562	Special Pay (w/o Retirement)	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
563	Sick Leave Buy Back	-	-	-	7	-	-	-	-	Labor	-	-	-	-	-
564	FICA Taxes (OASDI)	21,854	19,718	19,877	24,718	26,434	27,697	-	27,697	Labor	28,528	29,384	30,265	31,173	32,108
565	FICA Taxes (Medicare)	5,111	4,612	4,649	5,781	6,182	6,478	-	6,478	Labor	6,672	6,873	7,079	7,291	7,510
566	Regular Retirement	30,210	28,827	33,475	45,422	53,851	60,619	-	60,619	Labor	62,438	64,311	66,240	68,227	70,274
567	Investment Retirement	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
568	Senior Management Retirement	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
569	Health Insurance	101,676	91,358	99,569	122,630	121,481	129,771	-	129,771	HealthIns	134,313	139,014	143,879	148,915	154,127
570	Health Ins Opt Out	-	-	-	-	-	-	-	-	HealthIns	-	-	-	-	-
571	Life Insurance	716	628	616	816	888	819	-	819	Inflation	839	858	877	896	916
572	Dental Insurance	2,279	1,890	1,844	2,235	2,172	2,373	-	2,373	Inflation	2,432	2,486	2,541	2,596	2,654
573	Disability Insurance	1,598	1,505	1,095	1,165	1,288	1,428	-	1,428	Inflation	1,464	1,496	1,529	1,562	1,597
574	Worker's Comp-(IGS)	15,514	12,050	12,050	-	-	-	-	-	Labor	-	-	-	-	-
575	Other Post-Employment Benefits (OPEB)	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
576	Total Personnel Services	\$ 541,169	\$ 485,666	\$ 500,053	\$ 609,197	\$ 646,673	\$ 684,393	\$ -	\$ 684,393		\$ 705,551	\$ 727,351	\$ 749,828	\$ 773,002	\$ 796,896
<u>Operating Expenses</u>															
577	Legal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Inflation	\$ -	\$ -	\$ -	\$ -	\$ -
578	Financial Services	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
579	Architect and Engin. Serv	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
580	Other Professional Services	9,224	1,291	-	-	1,510	-	-	-	Inflation	-	-	-	-	-
581	Court Reporter Expenses	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
582	Janitorial Services	2,532	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
583	Uniform/Laundry Service	1,327	1,454	-	-	-	-	-	-	Inflation	-	-	-	-	-
584	Comp Data Proc & Netwk-IGS	3,700	3,832	8,014	8,815	10,897	-	-	-	Inflation	-	-	-	-	-
585	Data Processing	-	-	1,116	-	-	-	-	-	Inflation	-	-	-	-	-
586	Other Contracted Services	198,960	235,031	333,706	299,244	325,313	437,500	-	437,500	Inflation	448,438	458,303	468,386	478,690	489,221
587	Local Travel - Class C	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
588	Bridge Tickets & Passes	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
589	Out-of-County Travel	-	-	-	1,033	1,115	5,940	-	5,940	Inflation	6,089	6,222	6,359	6,499	6,642
590	Telecommunications	1,299	531	1,017	1,255	1,437	-	-	-	Inflation	-	-	-	-	-
591	Advertising	76	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
592	Int. Phone Line (IGS-Var)	1,091	57	1,463	2,759	606	606	-	606	Inflation	621	635	649	663	678
593	Int. Phone Usage (IGS-Var)	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
594	Freight, Postage & Courier Svc	-	-	-	-	1,404	1,400	-	1,400	Inflation	1,435	1,467	1,499	1,532	1,566
595	Electric	11,308	9,505	-	-	-	-	-	-	Electric	-	-	-	-	-
596	Water and Sewer	434	173	-	-	-	-	-	-	W&S	-	-	-	-	-
597	Trash, Garbage&Sludge Removal	57,717	66,090	-	-	-	-	-	-	DisposalRate	-	-	-	-	-
598	All Utility Services	-	1,221	36,570	38,032	49,226	58,000	-	58,000	DisposalRate	60,320	62,733	65,242	67,852	70,566
599	Land, Bldg, Parking Rental	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
600	Other Equipment Rental	1,432	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
601	Rental & Lease (<12 mos, <\$5,000)	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
602	Self Ins Assess-Auto Ins	374	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
603	Insurance and Bonds	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-

**Table 8**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

Historical and Projected Operating Expenses

Line No.	Description	Historical					Budget	Adjustments	Adjusted	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023	2024		2024		2025	2026	2027	2028	2029
604	Building Maintenance	-	-	-	-	-	-	-	-	Repair	-	-	-	-	-
605	Maintenance Material	3,473	51	-	-	-	-	-	-	Repair	-	-	-	-	-
606	Vehicle Maintenance	-	-	-	-	-	-	-	-	Repair	-	-	-	-	-
607	Equipment Maintenance	3,630	195	-	-	-	-	-	-	Repair	-	-	-	-	-
608	Equipment Repair Parts	452	124	-	-	-	-	-	-	Repair	-	-	-	-	-
609	Horticultural	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
610	Tires & Tubes	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
611	Batteries	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
612	Internal Repair & Maint.	41	-	-	-	69	-	-	-	Repair	-	-	-	-	-
613	Prntng. Bndng & Copy Ext	-	-	17	-	-	-	-	-	Inflation	-	-	-	-	-
614	Prntng. Bndng & Copy Int	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
615	Promo. Advertising & Expenses	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
616	Deputy Clerk Fees	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
617	Indirect Cost	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
618	Solid Waste Assessment	9,637	449	449	449	452	1,500	1,500	1,500	Inflation	1,538	1,571	1,606	1,641	1,677
619	Fiscal Support	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
620	License,Permit & Appl.Fee	-	-	-	83	-	-	-	-	Inflation	-	-	-	-	-
621	Preprinted Forms	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
622	Gen. Office Supplies	8	12	-	-	-	-	-	-	Inflation	-	-	-	-	-
623	Fuel and Lubricants	319	290	410	558	301	-	-	-	Fuel	-	-	-	-	-
624	Medical Supplies & Drugs	566	456	-	-	-	-	-	-	Inflation	-	-	-	-	-
625	Clothing & Wearing Apparel	1,061	1,519	-	-	-	-	-	-	Inflation	-	-	-	-	-
626	Chem. Insect & Fertilizer	-	-	-	-	-	-	-	-	Chemicals	-	-	-	-	-
627	Food and Food Supplies	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
628	Jani. & Other Maint. Supplies	6,470	2,752	-	-	-	-	-	-	Inflation	-	-	-	-	-
629	Minor Equipment	10,823	2,681	3,042	3,964	482	7,000	7,000	7,000	Inflation	7,175	7,333	7,494	7,659	7,828
630	Other Supplies	3,547	4,021	6,473	4,087	7,411	5,000	5,000	5,000	Inflation	5,125	5,238	5,353	5,471	5,591
631	Asphalt and Coldmix	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
632	Road Base Materials	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
633	Cement and Concrete	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
634	Sign Material	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
635	Other Road Materials	212	1,094	-	-	-	-	-	-	Inflation	-	-	-	-	-
636	Reference Materials	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
637	Memberships	400	800	-	-	375	300	300	300	Inflation	308	314	321	328	335
638	Training/Seminars/Bus. Meeting	-	(190)	-	(545)	935	2,500	2,500	2,500	Inflation	2,563	2,619	2,676	2,735	2,796
639	Furniture and Equipment	-	-	29,065	-	38,560	-	-	-	Eliminate	-	-	-	-	-
640	Vehicle & Rolling Stock	-	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-
641	Aids to Priv. Organizations	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
642	<b>Total Operating Expense</b>	\$ 330,113	\$ 333,437	\$ 421,342	\$ 359,734	\$ 440,093	\$ 519,746	\$ -	\$ 519,746		\$ 533,610	\$ 546,435	\$ 559,586	\$ 573,071	\$ 586,900
643	<b>Total Hazardous Waste</b>	\$ 871,283	\$ 819,104	\$ 921,395	\$ 968,931	\$ 1,086,766	\$ 1,204,139	\$ -	\$ 1,204,139		\$ 1,239,160	\$ 1,273,786	\$ 1,309,413	\$ 1,346,073	\$ 1,383,796
<b>53408- Vehicle Maintenance</b>															
<u>Personnel Services</u>															
644	Salaries - Full Time Regular	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Labor	\$ -	\$ -	\$ -	\$ -	\$ -
645	Salaries - PT Regular	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
646	Special Pay (w/ Retirement)	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
647	Sick Leave	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
648	Vacation Leave	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
649	CPI-Consumer Price Index	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
650	Pay-Non-Perm Labor	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
651	Overtime (OT 1.0)	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
652	Overtime (OT 1.5)	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
653	Holiday Pay	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
654	Disaster Pay (1.0)	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
655	Special Pay (w/o Retirement)	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
656	Sick Leave Buy Back	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
657	FICA Taxes (OASDI)	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
658	FICA Taxes (Medicare)	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
659	Regular Retirement	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
660	Investment Retirement	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
661	Senior Management Retirement	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
662	Health Insurance	-	-	-	-	-	-	-	-	HealthIns	-	-	-	-	-
663	Health Ins Opt Out	-	-	-	-	-	-	-	-	HealthIns	-	-	-	-	-
664	Life Insurance	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
665	Dental Insurance	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
666	Disability Insurance	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
667	Worker's Comp-(IGS)	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
668	<b>Total Personnel Services</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
<u>Operating Expenses</u>															
669	Legal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Inflation	\$ -	\$ -	\$ -	\$ -	\$ -
670	Financial Services	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
671	Architect and Engin. Servc	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
672	Other Professional Services	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
673	Court Reporter Expenses	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
674	Janitorial Services	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
675	Uniform/Laundry Service	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-

**Table 8  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

Historical and Projected Operating Expenses

Line No.	Description	Historical					Budget	Adjustments	Adjusted	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023	2024	2024	2025		2026	2027	2028	2029	
676	Comp Data Proc & Netwk-IGS	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
677	Data Processing	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
678	Other Contracted Services	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
679	Local Travel - Class C	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
680	Bridge Tickets & Passes	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
681	Out-of-County Travel	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
682	Telecommunications	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
683	Advertising	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
684	Int. Phone Line (IGS-Var)	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
685	Int. Phone Usage (IGS-Var)	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
686	Freight, Postage & Courier Svc	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
687	Electric	-	-	-	-	-	-	-	-	Electric	-	-	-	-	-
688	Water and Sewer	-	-	-	-	-	-	-	-	W&S	-	-	-	-	-
689	Trash, Garbage&Sludge Removal	-	-	-	-	-	-	-	-	DisposalRate	-	-	-	-	-
690	Land, Bldg, Parking Rental	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
691	Other Equipment Rental	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
692	Self Ins Assess-Auto Ins	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
693	Insurance and Bonds	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
694	Building Maintenance	-	-	-	-	-	-	-	-	Repair	-	-	-	-	-
695	Maintenance Material	-	-	-	-	-	-	-	-	Repair	-	-	-	-	-
696	Vehicle Maintenance	-	-	-	-	-	-	-	-	Repair	-	-	-	-	-
697	Equipment Maintenance	-	-	-	-	-	-	-	-	Repair	-	-	-	-	-
698	Equipment Repair Parts	-	-	-	-	-	-	-	-	Repair	-	-	-	-	-
699	Horticultural	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
700	Tires & Tubes	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
701	Batteries	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
702	Internal Repair & Maint.	-	-	-	-	-	-	-	-	Repair	-	-	-	-	-
703	Prntng, Bndng & Copy Ext	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
704	Prntng, Bndng & Copy Int	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
705	Promo, Advertising & Expenses	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
706	Deputy Clerk Fees	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
707	Indirect Cost	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
708	Solid Waste Assessment	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
709	Fiscal Support	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
710	License,Permit & Appl.Fee	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
711	Preprinted Forms	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
712	Gen. Office Supplies	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
713	Fuel and Lubricants	-	-	-	-	-	-	-	-	Fuel	-	-	-	-	-
714	Medical Supplies & Drugs	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
715	Clothing & Wearing Apparel	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-

**Table 8  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

Historical and Projected Operating Expenses

Line No.	Description	Historical					Budget	Adjustments	Adjusted	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023	2024		2024		2025	2026	2027	2028	2029
716	Chem. Insect & Fertilizer	-	-	-	-	-	-	-	Chemicals	-	-	-	-	-	
717	Food and Food Supplies	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
718	Jani. & Other Maint. Supplies	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
719	Minor Equipment	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
720	Other Supplies	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
721	Asphalt and Coldmix	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
722	Road Base Materials	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
723	Cement and Concrete	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
724	Sign Material	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
725	Reference Materials	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
726	Memberships	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
727	Training/Seminars/Bus. Meeting	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
728	Furniture and Equipment	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-	
729	Vehicle & Rolling Stock	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-	
730	Aids to Priv. Organizations	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
731	Total Operating Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	
732	Total Vehicle Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	
<b>53408- C&amp;D</b>															
<u>Personnel Services</u>															
733	Salaries - Full Time Regular	\$ 447,450	\$ 389,828	\$ 490,091	\$ 551,516	\$ 635,238	\$ 803,311	\$ 803,311	Labor	\$ 827,410	\$ 852,233	\$ 877,800	\$ 904,134	\$ 931,258	
734	Salaries - PT Regular	-	-	-	-	-	12,528	12,528	Labor	12,904	13,291	13,690	14,100	14,523	
735	Additional Personnel	-	-	-	-	-	-	-	Calculated	-	-	-	-	-	
736	Special Pay (w/ Retirement)	134	525	812	1,774	2,329	-	-	Labor	-	-	-	-	-	
737	Sick Leave	22,956	12,449	29,491	22,213	23,194	-	-	Labor	-	-	-	-	-	
738	Vacation Leave	25,882	20,532	27,678	28,762	36,538	-	-	Labor	-	-	-	-	-	
739	CPI-Consumer Price Index	-	-	-	-	-	40,795	40,795	Labor	42,019	43,279	44,578	45,915	47,293	
740	Pay-Non-Perm Labor	4,420	18,696	15,075	15,075	-	30,000	30,000	Labor	30,900	31,827	32,782	33,765	34,778	
741	Overtime (OT 1.0)	26,387	26,117	35,525	35,607	39,948	50,000	50,000	Labor	51,500	53,045	54,636	56,275	57,964	
742	Overtime (OT 1.5)	127,799	113,186	205,365	202,184	276,312	285,000	285,000	Labor	293,550	302,357	311,427	320,770	330,393	
743	Holiday Pay	22,169	18,587	23,985	26,066	30,688	-	-	Labor	-	-	-	-	-	
744	Disaster Pay - (OT 1.5)	-	-	206	10,843	20,891	-	-	Labor	-	-	-	-	-	
745	Disaster Pay (1.0)	-	-	661	14,048	42,934	-	-	Labor	-	-	-	-	-	
746	Special Pay (w/o Retirement)	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
747	Sick Leave Buy Back	-	-	397	65	-	-	-	Labor	-	-	-	-	-	
748	FICA Taxes (OASDI)	40,849	35,215	50,388	55,011	67,313	53,115	53,115	Labor	54,708	56,350	58,040	59,781	61,575	
749	FICA Taxes (Medicare)	9,554	8,236	11,784	12,866	15,743	12,421	12,421	Labor	12,794	13,177	13,573	13,980	14,399	
750	Regular Retirement	58,057	51,613	85,621	101,191	137,269	116,245	116,245	Labor	119,732	123,324	127,024	130,835	134,760	
751	Investment Retirement	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
752	Senior Management Retirement	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
753	Health Insurance	166,871	143,130	220,070	244,645	245,477	276,420	276,420	HealthIns	286,095	296,108	306,472	317,198	328,300	
754	Health Ins Opt Out	-	-	-	586	600	600	600	HealthIns	621	643	665	689	713	
755	Life Insurance	1,076	867	1,127	1,390	1,623	1,577	1,577	Inflation	1,616	1,652	1,688	1,725	1,763	
756	Dental Insurance	4,667	3,685	4,982	5,088	5,150	5,778	5,778	Inflation	5,922	6,053	6,186	6,322	6,461	
757	Disability Insurance	2,406	2,073	2,011	1,982	2,355	2,742	2,742	Inflation	2,811	2,872	2,936	3,000	3,066	
758	Worker's Comp-(IGS)	25,211	14,058	-	-	-	-	-	Labor	-	-	-	-	-	
759	Other Post-Employment Benefits (OPEB)	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
760	Total Personnel Services	\$ 985,889	\$ 840,101	\$ 1,222,948	\$ 1,330,325	\$ 1,583,584	\$ 1,690,532	\$ 1,690,532		\$ 1,742,583	\$ 1,796,211	\$ 1,851,496	\$ 1,908,490	\$ 1,967,246	
<u>Operating Expenses</u>															
761	Legal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Inflation	\$ -	\$ -	\$ -	\$ -	\$ -	
762	Financial Services	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
763	Architect and Engin. Serv	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
764	Other Professional Services	12,215	-	29,000	150	-	-	-	Inflation	-	-	-	-	-	
765	Court Reporter Expenses	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
766	Janitorial Services	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
767	Uniform/Laundry Service	3,205	2,578	-	-	-	-	-	Inflation	-	-	-	-	-	
768	Comp Data Proc & Netwk-IGS	11,100	7,664	4,007	4,408	5,449	5,449	5,449	Inflation	5,585	5,708	5,834	5,962	6,093	
769	Data Processing	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
770	Other Contracted Services	636,700	469,364	416,579	586,664	714,050	650,000	650,000	Inflation	666,250	680,908	695,887	711,197	726,843	
771	Local Travel - Class C	-	188	-	-	122	-	-	Inflation	-	-	-	-	-	
772	Bridge Tickets & Passes	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
773	Out-of-County Travel	-	-	-	240	5,860	6,000	6,000	Inflation	6,150	6,285	6,424	6,565	6,709	
774	Telecommunications	8,210	8,563	7,070	5,233	7,186	8,000	8,000	Inflation	8,200	8,380	8,565	8,753	8,946	
775	Advertising	-	83	-	-	-	-	-	Inflation	-	-	-	-	-	
776	Int. Phone Line (IGS-Var)	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
777	Int. Phone Usage (IGS-Var)	387	-	-	387	387	387	387	Inflation	397	405	414	423	433	
778	Freight, Postage & Courier Svc	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
779	Electric	-	-	-	-	-	-	-	Electric	-	-	-	-	-	
780	Water and Sewer	-	-	-	-	-	-	-	W&S	-	-	-	-	-	
781	Trash, Garbage&Sludge Removal	-	-	-	-	-	-	-	DisposalRate	-	-	-	-	-	
782	Land, Bldg, Parking Rental	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
783	Other Equipment Rental	53,793	18,151	-	-	-	-	-	Inflation	-	-	-	-	-	
784	Rental & Lease (<12 mos. <\$5,000)	-	-	36,818	-	-	16,000	16,000	Inflation	16,400	16,761	17,130	17,506	17,892	
785	Self Ins Assess-Auto Ins	2,051	-	-	-	-	-	-	Inflation	-	-	-	-	-	
786	Insurance and Bonds	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
787	Building Maintenance	110	-	-	-	-	-	-	Repair	-	-	-	-	-	



**Table 8  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

Historical and Projected Operating Expenses

Line No.	Description	Historical					Budget	Adjustments	Adjusted	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023	2024		2024		2025	2026	2027	2028	2029
788	Maintenance Material	25,553	7	-	-	-	-	-	-	Repair	-	-	-	-	-
789	Vehicle Maintenance	-	-	-	-	-	-	-	-	Repair	-	-	-	-	-
790	Equipment Maintenance	1,390	130	-	-	-	-	-	-	Repair	-	-	-	-	-
791	Equipment Repair Parts	21,764	3,939	-	-	-	-	-	-	Repair	-	-	-	-	-
792	Horticultural	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
793	Tires & Tubes	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
794	Batteries	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
795	Internal Repair & Maint.	23	-	-	-	-	-	-	-	Repair	-	-	-	-	-
796	Prntng. Bndng & Copy Ext	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
797	Prntng. Bndng & Copy Int	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
798	Promo. Advertising & Expenses	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
799	Deputy Clerk Fees	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
800	Indirect Cost	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
801	Solid Waste Assessment	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
802	Fiscal Support	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
803	License,Permit & Appl.Fee	-	83	50	-	-	-	-	-	Inflation	-	-	-	-	-
804	Preprinted Forms	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
805	Gen. Office Supplies	80	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
806	Fuel and Lubricants	101	75	50	-	-	-	-	-	Fuel	-	-	-	-	-
807	Medical Supplies & Drugs	944	697	-	-	-	-	-	-	Inflation	-	-	-	-	-
808	Clothing & Wearing Apparel	5,987	4,524	-	-	-	-	-	-	Inflation	-	-	-	-	-
809	Chem. Insect & Fertilizer	107	-	-	-	-	-	-	-	Chemicals	-	-	-	-	-
810	Food and Food Supplies	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
811	Jani. & Other Maint. Supplies	3,459	2,281	-	-	-	-	-	-	Inflation	-	-	-	-	-
812	Minor Equipment	2,209	523	2,208	4,394	4,157	2,500	-	2,500	Inflation	2,563	2,619	2,676	2,735	2,796
813	Other Supplies	681	537	9,091	8,751	14,660	8,500	-	8,500	Inflation	8,713	8,904	9,100	9,300	9,505
814	Asphalt and Coldmix	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
815	Road Base Materials	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
816	Cement and Concrete	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
817	Sign Material	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
818	Other Road Materials 278	650	1,075	2,415	1,425	2,465	2,500	-	2,500	Inflation	2,563	2,619	2,676	2,735	2,796
819	Reference Materials	-	-	-	-	-	1,550	-	1,550	Inflation	1,589	1,624	1,659	1,696	1,733
820	Memberships	-	-	-	12	1,003	900	-	900	Inflation	923	943	964	985	1,006
821	Educational Expenses	-	551	-	-	-	-	-	-	Inflation	-	-	-	-	-
822	Training/Seminars/Bus. Meeting	-	253	(50)	300	2,264	2,000	-	2,000	Inflation	2,050	2,095	2,141	2,188	2,236
823	Furniture and Equipment	-	9,267	-	54,916	615,951	512,400	-	-	Eliminate	-	-	-	-	-
824	Vehicle & Rolling Stock	-	11,735	399,033	95,414	108,648	-	(512,400)	-	Eliminate	-	-	-	-	-
825	Aids to Priv. Organizations	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
826	Total Operating Expense	\$ 790,717	\$ 542,269	\$ 906,271	\$ 762,294	\$ 1,482,204	\$ 1,216,186	\$ (512,400)	\$ 703,786		\$ 721,381	\$ 737,251	\$ 753,471	\$ 770,047	\$ 786,988
827	Total C&D	\$ 1,776,607	\$ 1,382,370	\$ 2,129,218	\$ 2,092,619	\$ 3,065,788	\$ 2,906,718	\$ (512,400)	\$ 2,394,318		\$ 2,463,963	\$ 2,533,462	\$ 2,604,967	\$ 2,678,537	\$ 2,754,234

**Table 8  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

Historical and Projected Operating Expenses

Line No.	Description	Historical					Budget	Adjustments	Adjusted	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023	2024		2024		2025	2026	2027	2028	2029
<b>53409- Hendry County Transfer Stations</b>															
<u>Personnel Services</u>															
828	Salaries - Full Time Regular	\$ 379,768	\$ 197,253	\$ 152,141	\$ 201,191	\$ 223,881	\$ 274,122	\$ -	\$ 274,122	Labor	\$ 282,346	\$ 290,816	\$ 299,541	\$ 308,527	\$ 317,783
829	Salaries - PT Regular	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
830	Additional Personnel	-	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
831	Disaster Pay (1.0)	-	-	330	4,339	15,244	-	-	-	Labor	-	-	-	-	-
832	Special Pay (w/ Retirement)	90	105	239	433	542	-	-	-	Labor	-	-	-	-	-
833	Sick Leave	15,695	6,288	12,149	7,516	8,839	-	-	-	Labor	-	-	-	-	-
834	Vacation Leave	20,139	7,786	13,323	10,992	10,841	-	-	-	Labor	-	-	-	-	-
835	CPI-Consumer Price Index	-	-	-	-	-	13,705	-	13,705	Labor	14,116	14,540	14,976	15,425	15,888
836	Pay-Non-Perm Labor	5,474	-	199	535	-	-	-	-	Labor	-	-	-	-	-
837	Overtime (OT 1.0)	21,219	14,221	11,979	14,979	16,722	20,000	-	20,000	Labor	20,600	21,218	21,855	22,510	23,185
838	Overtime (OT 1.5)	79,978	51,233	43,587	62,683	74,716	50,000	-	50,000	Labor	51,500	53,045	54,636	56,275	57,964
839	Holiday Pay	18,049	8,811	7,771	9,845	11,288	-	-	-	Labor	-	-	-	-	-
840	Disaster Pay - (OT 1.5)	-	-	103	5,077	5,315	-	-	-	Labor	-	-	-	-	-
841	Special Pay (w/o Retirement)	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
842	Sick Leave Buy Back	-	-	22	-	-	-	-	-	Labor	-	-	-	-	-
843	FICA Taxes (OASDI)	32,420	17,250	14,547	19,197	22,359	17,847	-	17,847	Labor	18,382	18,934	19,502	20,087	20,690
844	FICA Taxes (Medicare)	7,583	4,034	3,402	4,490	5,229	4,175	-	4,175	Labor	4,300	4,429	4,562	4,699	4,840
845	Regular Retirement	45,787	25,754	-	39,950	46,956	39,055	-	39,055	Labor	40,227	41,433	42,676	43,957	45,275
846	Investment Retirement	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
847	Senior Management Retirement	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
848	Health Insurance	144,401	70,505	73,273	85,658	87,530	91,146	-	91,146	HealthIns	94,336	97,638	101,055	104,592	108,253
849	Health Ins Opt Out	293	23	21	-	-	-	-	-	HealthIns	-	-	-	-	-
850	Life Insurance	949	420	366	481	574	530	-	530	Inflation	543	555	567	580	593
851	Dental Insurance	4,237	1,884	1,700	1,912	2,169	2,325	-	2,325	Inflation	2,383	2,436	2,489	2,544	2,600
852	Disability Insurance	2,049	1,002	660	686	833	921	-	921	Inflation	944	965	986	1,008	1,030
853	Worker's Comp-(IGS)	19,393	10,042	10,042	-	-	-	-	-	Labor	-	-	-	-	-
854	Other Post-Employment Benefits (OPEB)	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
855	Total Personnel Services	\$ 797,525	\$ 416,609	\$ 345,832	\$ 469,986	\$ 533,039	\$ 513,826	\$ -	\$ 513,826		\$ 529,678	\$ 546,009	\$ 562,845	\$ 580,204	\$ 598,100
<u>Operating Expenses</u>															
856	Legal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Inflation	\$ -	\$ -	\$ -	\$ -	\$ -
857	Financial Services	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
858	Architect and Engin. Servc	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
859	Other Professional Services	2,682	727	505	546	303	25,000	-	25,000	Inflation	25,625	26,189	26,765	27,354	27,956
860	Court Reporter Expenses	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
861	Janitorial Services	1,590	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
862	Uniform/Laundry Service	950	480	-	-	-	-	-	-	Inflation	-	-	-	-	-
863	Comp Data Proc & Netwk-IGS	7,400	7,664	16,028	17,631	21,795	5,449	-	5,449	Inflation	5,585	5,708	5,834	5,962	6,093
864	Data Processing	217	542	763	758	2,335	1,500	-	1,500	Inflation	1,538	1,571	1,606	1,641	1,677
865	Other Contracted Services	5,616	239	1,224	58,272	80,165	500,000	-	500,000	Inflation	512,500	523,775	535,298	547,075	559,110
866	Local Travel - Class C	1,477	-	132	-	-	500	-	500	Inflation	513	524	535	547	559
867	Bridge Tickets & Passes	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
868	Out-of-County Travel	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
869	Telecommunications	1,887	188	1,151	720	1,199	1,000	-	1,000	Inflation	1,025	1,048	1,071	1,094	1,118
870	Advertising	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
871	Int. Phone Line (IGS-Var)	1,378	1,368	1,254	1,379	-	-	-	-	Inflation	-	-	-	-	-
872	Int. Phone Usage (IGS-Var)	1,617	3,775	4,131	1,617	1,617	1,617	-	1,617	Inflation	1,657	1,694	1,731	1,769	1,808
873	Freight, Postage & Courier Svc	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
874	Electric	3,852	3,480	-	-	-	-	-	-	Electric	-	-	-	-	-
875	Water and Sewer	7,668	8,046	-	-	-	-	-	-	W&S	-	-	-	-	-
876	Gas and Fuel Oil	(2,810)	-	-	-	-	-	-	-	DisposalRate	-	-	-	-	-
877	Trash, Garbage&Sludge Removal	-	-	-	-	-	-	-	-	DisposalRate	-	-	-	-	-
878	All Utility Services	-	-	12,297	11,842	8,153	12,000	-	12,000	DisposalRate	12,480	12,979	13,498	14,038	14,600
879	Land, Bldg, Parking Rental	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
880	Other Equipment Rental	3,847	1,370	-	-	-	-	-	-	Inflation	-	-	-	-	-
881	Rental & Lease (<12 mos, <\$5,000)	-	-	-	3,592	5,215	10,000	-	10,000	Inflation	10,250	10,476	10,706	10,941	11,182
882	Self Ins Assess-Auto Ins	1,678	-	2,528	-	-	-	-	-	Inflation	-	-	-	-	-
883	Insurance and Bonds	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
884	Building Maintenance	-	-	-	-	-	-	-	-	Repair	-	-	-	-	-
885	Maintenance Material	-	191	-	-	-	-	-	-	Repair	-	-	-	-	-
886	Vehicle Maintenance	2,810	-	-	-	-	-	-	-	Repair	-	-	-	-	-
887	Equipment Maintenance	350	106	-	-	-	-	-	-	Repair	-	-	-	-	-
888	Equipment Repair Parts	1,523	1,291	-	-	-	-	-	-	Repair	-	-	-	-	-
889	Repair & Maint-Svcs & Labor	-	-	3,100	-	207	-	-	-	Repair	-	-	-	-	-
890	Repairs & Maint-Parts	-	-	698	1,205	16,280	1,000	-	1,000	Repair	1,040	1,082	1,125	1,170	1,217
891	Horticultural	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
892	Tires & Tubes	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
893	Batteries	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
894	Internal Repair & Maint.	-	-	-	-	-	-	-	-	Repair	-	-	-	-	-
895	Prntng, Bndng & Copy Ext	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
896	Prntng, Bndng & Copy Int	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
897	Promo, Advertising & Expenses	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
898	Deputy Clerk Fees	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
899	Indirect Cost	11,758	15,032	16,393	16,218	18,733	20,934	-	20,934	Inflation	21,457	21,929	22,412	22,905	23,409
900	Solid Waste Assessment	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
901	Fiscal Support	15,285	15,744	16,298	16,868	17,320	-	-	-	Inflation	-	-	-	-	-

**Table 8**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Historical and Projected Operating Expenses**

Line No.	Description	Historical					Budget	Adjustments	Adjusted	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023	2024		2024		2025	2026	2027	2028	2029
902	Fiscal Support	-	-	-	-	-	12,783	-	12,783	Inflation	13,103	13,391	13,685	13,987	14,294
903	License, Permit & Appl. Fee	-	632	807	1,022	201	-	-	-	Inflation	-	-	-	-	-
904	License, Permit & Appl. Fee	772	-	-	-	359	-	-	-	Inflation	-	-	-	-	-
905	Expenses Other Than Salaries	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
906	Preprinted Forms	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
907	Gen. Office Supplies	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
908	Fuel and Lubricants	25	-	-	66	60	-	-	-	Fuel	-	-	-	-	-
909	Medical Supplies & Drugs	103	231	-	-	-	-	-	-	Inflation	-	-	-	-	-
910	Clothing & Wearing Apparel	162	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
911	Chem. Insect & Fertilizer	62	177	-	-	-	-	-	-	Chemicals	-	-	-	-	-
912	Food and Food Supplies	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
913	Jani. & Other Maint. Supplies	2,600	1,754	-	-	-	-	-	-	Inflation	-	-	-	-	-
914	Minor Equipment	4,180	127	525	2,860	2,290	1,000	-	1,000	Inflation	1,025	1,048	1,071	1,094	1,118
915	Other Supplies	515	-	4,292	3,505	1,510	2,500	-	2,500	Inflation	2,563	2,619	2,676	2,735	2,796
916	Asphalt and Coldmix	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
917	Road Base Materials	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
918	Cement and Concrete	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
919	Sign Material	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
920	Reference Materials	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
921	Memberships	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
922	Educational Expenses	-	276	-	-	-	-	-	-	Inflation	-	-	-	-	-
923	Training/Seminars/Bus. Meeting	1,251	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
924	Furniture and Equipment	-	3,045	301,236	-	-	105,440	-	-	Eliminate	-	-	-	-	-
925	Vehicle & Rolling Stock	-	133,080	133,080	-	-	29,492	-	-	Eliminate	-	-	-	-	-
926	Aids to Priv. Organizations	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
927	<b>Total Operating Expense</b>	<b>\$ 81,215</b>	<b>\$ 199,564</b>	<b>\$ 516,441</b>	<b>\$ 138,101</b>	<b>\$ 312,674</b>	<b>\$ 595,283</b>	<b>\$ -</b>	<b>\$ 595,283</b>		<b>\$ 610,360</b>	<b>\$ 624,031</b>	<b>\$ 638,013</b>	<b>\$ 652,313</b>	<b>\$ 666,937</b>
928	<b>Total Transfer Stations</b>	<b>\$ 878,740</b>	<b>\$ 616,173</b>	<b>\$ 862,272</b>	<b>\$ 608,086</b>	<b>\$ 845,713</b>	<b>\$ 1,109,109</b>	<b>\$ -</b>	<b>\$ 1,109,109</b>		<b>\$ 1,140,038</b>	<b>\$ 1,170,040</b>	<b>\$ 1,200,859</b>	<b>\$ 1,232,516</b>	<b>\$ 1,265,037</b>
<b>53410- Lee-Hendry Landfill</b>															
<b>Personnel Services</b>															
929	Salaries - Full Time Regular	\$ 1,071,962	\$ 708,546	\$ 683,273	\$ 679,924	\$ 779,758	\$ 1,016,971	\$ -	\$ 1,016,971	Inf+LF	\$ 1,085,297	\$ 1,147,858	\$ 1,211,461	\$ 1,276,577	\$ 1,343,247
930	Salaries - PT Regular	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
931	Additional Personnel	-	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
932	Disaster Pay (1.0)	-	-	2,626	17,970	50,395	-	-	-	Inf+LF	-	-	-	-	-
933	Special Pay (w/ Retirement)	234	3,265	4,707	7,047	3,125	-	-	-	Inf+LF	-	-	-	-	-
934	Sick Leave	57,923	34,395	45,028	54,040	36,098	-	-	-	Inf+LF	-	-	-	-	-
935	Vacation Leave	58,118	36,954	48,173	57,996	57,098	-	-	-	Inf+LF	-	-	-	-	-
936	CPI-Consumer Price Index	-	-	-	-	-	50,850	-	50,850	Labor	52,376	53,947	55,565	57,232	58,949
937	Pay-Non-Perm Labor	15,490	3,425	1,637	3,342	-	-	-	-	Inf+LF	-	-	-	-	-
938	Overtime (OT 1.0)	40,566	31,827	31,039	36,534	39,854	40,000	-	40,000	Inf+LF	42,687	45,148	47,650	50,211	52,833
939	Overtime (OT 1.5)	153,306	92,832	109,100	129,240	169,752	125,000	-	125,000	Inf+LF	133,398	141,088	148,906	156,909	165,104
940	Holiday Pay	52,619	33,782	34,683	35,646	38,783	-	-	-	Inf+LF	-	-	-	-	-
941	Disaster Pay - (OT 1.5)	-	-	508	7,854	16,013	-	-	-	Inf+LF	-	-	-	-	-
942	Special Pay (w/o Retirement)	-	-	-	-	-	-	-	-	Inf+LF	-	-	-	-	-
943	Sick Leave Buy Back	-	-	271	33	-	-	-	-	Inf+LF	-	-	-	-	-
944	FICA Taxes (OASDI)	86,430	55,748	57,112	61,584	71,429	66,207	-	66,207	Inf+LF	70,655	74,728	78,869	83,108	87,448
945	FICA Taxes (Medicare)	20,304	13,190	13,436	14,402	16,704	15,484	-	15,484	Inf+LF	16,524	17,477	18,445	19,437	20,452
946	Regular Retirement	121,500	83,844	-	114,994	147,822	144,901	-	144,901	Inf+LF	154,636	163,550	172,613	181,890	191,390
947	Investment Retirement	-	-	-	-	-	-	-	-	Inf+LF	-	-	-	-	-
948	Senior Management Retirement	-	-	-	-	-	-	-	-	Labor	-	-	-	-	-
949	Health Insurance	373,676	262,938	291,892	317,125	333,653	367,938	-	367,938	HealthIns	380,816	394,144	407,939	422,217	436,995
950	Health Ins Opt Out	808	144	131	-	-	-	-	-	HealthIns	-	-	-	-	-
951	Life Insurance	2,929	1,822	1,843	1,921	2,085	1,957	-	1,957	Inflation	2,006	2,050	2,095	2,141	2,188
952	Dental Insurance	9,903	6,438	6,318	6,564	6,938	7,572	-	7,572	Inflation	7,761	7,932	8,107	8,285	8,467
953	Disability Insurance	5,846	3,787	2,676	2,595	3,012	3,417	-	3,417	Inflation	3,502	3,579	3,658	3,739	3,821
954	Worker's Comp-(IGS)	48,483	28,117	-	-	-	-	-	-	Labor	-	-	-	-	-
955	Other Post-Employment Benefits (OPEB)	-	-	-	-	-	-	-	-	Inf+LF	-	-	-	-	-
956	<b>Total Personnel Services</b>	<b>\$ 2,120,098</b>	<b>\$ 1,401,053</b>	<b>\$ 1,362,569</b>	<b>\$ 1,548,810</b>	<b>\$ 1,772,520</b>	<b>\$ 1,840,297</b>	<b>\$ -</b>	<b>\$ 1,840,297</b>		<b>\$ 1,949,659</b>	<b>\$ 2,051,502</b>	<b>\$ 2,155,308</b>	<b>\$ 2,261,746</b>	<b>\$ 2,370,895</b>
<b>Operating Expenses</b>															
957	Legal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Inflation	\$ -	\$ -	\$ -	\$ -	\$ -
958	Financial Services	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
959	Architect and Engin. Serv	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
960	Architect and Engin. Serv	-	133,743	108,981	285,208	180,105	509,000	-	509,000	Inflation	521,725	533,203	544,933	556,922	569,174
961	Other Professional Services	227,531	7,545	13,217	-	-	-	-	-	Inflation	-	-	-	-	-
962	Other Professional Services	-	86,512	11,392	10,888	9,624	-	-	-	Inflation	-	-	-	-	-
963	Other Professional Services	-	86,512	191,707	100,829	112,484	93,000	-	93,000	Inflation	95,325	97,422	99,565	101,756	103,995
964	Court Reporter Expenses	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
965	Janitorial Services	8,730	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
966	Uniform/Laundry Service	5,012	4,389	-	-	-	-	-	-	Inflation	-	-	-	-	-
967	Comp Data Proc & Netwk-IGS	29,600	26,824	36,063	39,669	49,038	76,283	-	76,283	Inflation	78,190	79,910	81,668	83,465	85,301
968	Data Processing	300	775	1,063	1,358	888	2,500	-	2,500	Inflation	2,563	2,619	2,676	2,735	2,796
969	Other Contracted Services	201,774	1,448,604	2,556,536	2,862,925	428,360	1,143,600	-	1,143,600	Inflation	1,172,190	1,197,978	1,224,334	1,251,619	1,278,797
970	WMI - Landfill Operator	1,678,079	1,889,305	2,286,750	2,876,208	5,066,003	5,250,000	(206,665)	5,043,335	Calculated	5,358,267	5,669,692	5,983,493	7,490,888	7,825,216
971	Other Contracted Services	-	-	125	-	664	-	-	-	Inflation	-	-	-	-	-
972	Other Contracted Services	-	7,262	-	3,989	-	-	-	-	Inflation	-	-	-	-	-
973	Local Travel - Class C	687	960	36	54	-	-	-	-	Inflation	-	-	-	-	-

**Table 8  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

Historical and Projected Operating Expenses

Line No.	Description	Fiscal Year Ending September 30,					Budget 2024	Adjustments	Adjusted 2024	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023					2025	2026	2027	2028	2029
974	Local Travel - Class C	687	-	-	-	-	-	-	Inflation	-	-	-	-	-	
975	Bridge Tickets & Passes	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
976	County-Sponsored Functions	-	-	3,488	-	-	-	-	Inflation	-	-	-	-	-	
977	Out-of-County Travel	2,102	1,087	1,502	1,041	438	3,000	3,000	Inflation	3,075	3,143	3,212	3,282	3,355	
978	Out-of-County Travel 381	-	-	-	-	-	3,000	3,000	Inflation	3,075	3,143	3,212	3,282	3,355	
979	Out-of-County Travel	-	-	-	157	-	-	-	Inflation	-	-	-	-	-	
980	Telecommunications	8,068	10,704	10,813	8,778	12,145	8,400	8,400	Inflation	8,610	8,799	8,993	9,191	9,393	
981	Advertising	445	726	-	-	-	-	-	Inflation	-	-	-	-	-	
982	Int. Phone Line (IGS-Var)	8,267	8,208	5,957	8,276	-	-	-	Inflation	-	-	-	-	-	
983	Int. Phone Usage (IGS-Var)	10	9	11	10	10	10	10	Inflation	10	10	11	11	11	
984	Freight, Postage & Courier Svc	7,075	-	823	33	-	-	-	Inflation	-	-	-	-	-	
985	Freight, Postage & Courier Svc	7,075	8,373	6,604	8,597	3,440	12,000	12,000	Inflation	12,300	12,571	12,847	13,130	13,419	
986	Electric	28,238	36,677	-	-	-	-	-	Electric	-	-	-	-	-	
987	Water and Sewer	-	-	-	-	-	-	-	W&S	-	-	-	-	-	
988	Trash, Garbage&Sludge Removal	-	-	-	-	-	-	-	DisposalRate	-	-	-	-	-	
989	All Utility Services	-	-	39,876	45,453	64,559	54,000	54,000	DisposalRate	56,160	58,406	60,743	63,172	65,699	
990	Land, Bldg, Parking Rental	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
991	Office Equip Lease	693	943	-	-	-	-	-	Inf+LF	-	-	-	-	-	
992	Other Equipment Rental	9,674	19,706	-	-	-	-	-	Inf+LF	-	-	-	-	-	
993	Other Equipment Rental	-	15,950	-	-	-	-	-	Inf+LF	-	-	-	-	-	
994	Rental & Lease (<12 mos. <\$5,000)	-	-	-	195	73,695	60,000	60,000	Inf+LF	64,031	67,722	71,475	75,316	79,250	
995	Rental & Lease (<12 mos. <\$5,000)	-	-	127,600	-	-	30,000	30,000	Inf+LF	32,016	33,861	35,737	37,658	39,625	
996	Small Equipment Leases	-	-	935	608	1,149	-	-	Inf+LF	-	-	-	-	-	
997	Self Ins Assess-Auto Ins	3,170	-	4,774	-	-	-	-	Inf+LF	-	-	-	-	-	
998	Self Ins Assess-Prop Ins	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
999	Insurance and Bonds	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1000	Building Maintenance	-	-	-	-	-	-	-	Repair	-	-	-	-	-	
1001	Maintenance Material	50,530	6,172	-	-	-	-	-	Repair	-	-	-	-	-	
1002	Maintenance Material 381	-	1,369	-	-	-	-	-	Repair	-	-	-	-	-	
1003	Vehicle Maintenance	-	170	-	-	-	-	-	SludgeHauling	-	-	-	-	-	
1004	Equipment Maintenance	22,301	6,053	-	-	-	-	-	Repair	-	-	-	-	-	
1005	Equipment Maintenance 381	-	2,344	-	-	-	-	-	Repair	-	-	-	-	-	
1006	Equipment Repair Parts	74,619	43,153	-	-	-	-	-	Repair	-	-	-	-	-	
1007	Equipment Repair Parts 381	-	2,064	-	-	-	-	-	Repair	-	-	-	-	-	
1008	Repair & Maint. - Services & Labor	-	-	6,883	6,936	53,310	2,500	2,500	Repair	2,600	2,704	2,812	2,925	3,042	
1009	Repair & Maint. - Services & Labor	-	-	344	-	-	1,000	1,000	Repair	1,040	1,082	1,125	1,170	1,217	
1010	Repairs & Maint. - Parts	-	-	71,435	17,459	39,226	20,000	20,000	Repair	20,800	21,632	22,497	23,397	24,333	
1011	Repairs & Maint. - Parts	-	-	7,539	3,717	117	6,000	6,000	Repair	6,240	6,490	6,749	7,019	7,300	
1012	Horticultural	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1013	Tires & Tubes	50	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1014	Batteries	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1015	Internal Repair & Maint.	5,283	-	-	-	-	-	-	Repair	-	-	-	-	-	
1016	Prntng, Bndng & Copy Ext	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1017	Prntng, Bndng & Copy Int	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1018	Promo. Advertising & Expenses	-	4,675	-	-	-	-	-	Inflation	-	-	-	-	-	
1019	Deputy Clerk Fees	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1020	Indirect Cost	54,063	69,117	75,375	74,573	86,133	96,259	96,259	Inflation	98,665	100,836	103,055	105,322	107,639	
1021	Solid Waste Assessment	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1022	Fiscal Support	39,952	41,151	42,600	44,088	45,270	34,457	34,457	Inflation	35,318	36,095	36,890	37,701	38,531	
1023	License,Permit & Appl.Fee	37,584	950	28,586	32,838	14,697	-	-	Permits-LHLF	-	-	-	-	-	
1024	License,Permit & Appl.Fee 241	-	-	-	-	-	-	-	Permits-LHLF	-	-	-	-	-	
1025	License, Permits and Appl Fees	-	-	-	9,031	9,332	-	-	Permits-LHLF	-	-	-	-	-	
1026	License,Permit & Appl.Fee 392	-	61,765	250	349	13,238	58,750	58,750	Permits-LHLF	32,423	15,422	15,422	32,423	32,423	
1027	Preprinted Forms	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1028	Gen. Office Supplies	508	145	339	155	399	-	-	Inflation	-	-	-	-	-	
1029	Gen. Office Supplies 381	-	-	-	-	19	-	-	Inflation	-	-	-	-	-	
1030	Fuel and Lubricants	372	584	920	152	816	-	-	SludgeHauling	-	-	-	-	-	
1031	Fuel and Lubricants	-	135	-	286	442	-	-	Inflation	-	-	-	-	-	
1032	Int Fuel & Lube (IGS-Var)	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1033	Medical Supplies & Drugs	623	728	-	-	-	-	-	Inflation	-	-	-	-	-	
1034	Medical Supplies & Drugs 381	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1035	Clothing & Wearing Apparel	6,326	4,952	-	-	-	-	-	Inflation	-	-	-	-	-	
1036	Clothing & Wearing Apparel 381	-	1,047	-	-	-	-	-	Inflation	-	-	-	-	-	
1037	Chem. Insect & Fertilizer	3,115	3,454	-	-	-	-	-	Chemicals	-	-	-	-	-	
1038	Chem. Insect & Fertilizer 381	-	-	-	-	-	-	-	Chemicals	-	-	-	-	-	
1039	Food and Food Supplies	114	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1040	Jani. & Other Maint. Supplies	11,487	6,454	-	-	-	-	-	Inflation	-	-	-	-	-	
1041	Jani. & Other Maint. Supplies 381	-	530	-	-	-	-	-	Inflation	-	-	-	-	-	
1042	Minor Equipment	18,694	12,307	16,629	10,004	9,084	-	-	Inf+LF	-	-	-	-	-	
1043	Minor Equipment	-	-	-	-	-	-	-	Inf+LF	-	-	-	-	-	
1044	Minor Equipment 381	-	1,352	1,317	1,189	2,317	13,000	13,000	Inf+LF	13,873	14,673	15,486	16,319	17,171	
1045	Other Supplies	11,053	10,280	20,770	16,945	19,148	20,000	20,000	Inf+LF	21,344	22,574	23,825	25,105	26,417	
1046	Other Supplies	-	-	-	-	-	-	-	Inf+LF	-	-	-	-	-	
1047	Other Supplies 381	-	899	14,792	14,564	17,803	20,000	20,000	Inf+LF	21,344	22,574	23,825	25,105	26,417	
1048	Asphalt and Coldmix	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1049	Road Base Materials	3,359	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1050	Cement and Concrete	40	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1051	Sign Material	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1052	Other Road Materials	-	-	-	252	35,078	25,000	25,000	Inflation	25,625	26,189	26,765	27,354	27,956	
1053	Reference Materials	60	-	228	-	-	2,000	2,000	Inflation	2,050	2,095	2,141	2,188	2,236	
1054	Reference Materials	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	

**Table 8**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

Historical and Projected Operating Expenses

Line No.	Description	Historical					Budget 2024	Adjustments	Adjusted 2024	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023					2025	2026	2027	2028	2029
1055	Memberships	2,004	2,542	508	1,891	446	3,000	-	3,000	Inflation	3,075	3,143	3,212	3,282	3,355
1056	Memberships 381	-	-	-	750	1,495	-	-	-	Inflation	-	-	-	-	-
1057	Educational Expenses	-	414	-	-	-	-	-	-	Inflation	-	-	-	-	-
1058	Training/Seminars/Bus. Meeting	3,157	4,008	3,256	3,558	3,062	5,000	-	5,000	Inflation	5,125	5,238	5,353	5,471	5,591
1059	Training/Seminars/Bus. Meeting	-	-	-	-	-	3,000	-	3,000	Inflation	3,075	3,143	3,212	3,282	3,355
1060	Training/Seminars/Bus. Meeting 381	-	-	-	253	3,293	-	-	-	Inflation	-	-	-	-	-
1061	Outright Purchase	-	-	-	6,955	28,208	-	-	-	Inflation	-	-	-	-	-
1062	Furniture and Equipment	-	339,686	114,595	131,133	-	-	-	-	Eliminate	-	-	-	-	-
1063	Furniture and Equipment	-	-	447,590	449,244	539,311	920,000	(920,000)	-	Eliminate	-	-	-	-	-
1064	Vehicle & Rolling Stock	-	181,281	-	14,899	454,679	-	-	-	Eliminate	-	-	-	-	-
1065	Lease Purchase Principal	-	-	-	-	-	-	-	-	Constant	-	-	-	-	-
1066	Attractive Items	-	-	-	-	2,000	-	-	-	Constant	-	-	-	-	-
1067	Aids to Priv. Organizations	-	-	-	-	-	-	-	-	Inflation	-	-	-	-	-
1068	Total Operating Expense	\$ 2,572,514	\$ 4,604,593	\$ 6,262,207	\$ 7,095,569	\$ 7,381,523	\$ 8,474,759	\$ (1,126,665)	\$ 7,348,094		\$ 7,700,134	\$ 8,052,369	\$ 8,425,268	\$ 10,010,143	\$ 10,406,365
1069	Total Lee-Hendry Landfill	\$ 4,692,612	\$ 6,005,646	\$ 7,624,776	\$ 8,644,379	\$ 9,154,043	\$ 10,315,056	\$ (1,126,665)	\$ 9,188,391		\$ 9,649,794	\$ 10,103,871	\$ 10,580,576	\$ 12,271,889	\$ 12,777,260

**Table 8  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

Historical and Projected Operating Expenses

Line No.	Description	Fiscal Year Ending September 30,					Budget 2024	Adjustments	Adjusted 2024	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023					2025	2026	2027	2028	2029
<b>53410 - Closure</b>															
1070	Other Contracted Services	\$ 2,585,642	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Inflation	\$ -	\$ -	\$ -	\$ -	\$ -	
1071	Total Closure	\$ 2,585,642	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	
<b>53402 - Solid Waste Fleet</b>															
<b>Personnel Services</b>															
1072	Salaries - Full Time Regular	\$ 27,771	\$ 23,008	\$ 27,443	\$ 27,561	\$ 29,922	\$ 37,381	\$ 37,381	Labor	\$ 38,502	\$ 39,658	\$ 40,847	\$ 42,073	\$ 43,335	
1073	Salaries - PT Regular	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1074	Additional Personnel	-	-	-	-	-	-	-	Calculated	-	-	-	-	-	
1075	Disaster Pay (1.0)	-	-	330	697	2,013	-	-	Labor	-	-	-	-	-	
1076	Special Pay (w/ Retirement)	-	35	90	115	152	-	-	Labor	-	-	-	-	-	
1077	Sick Leave	1,952	958	1,786	1,509	902	-	-	Labor	-	-	-	-	-	
1078	Vacation Leave	1,825	1,041	1,599	1,932	1,969	-	-	Labor	-	-	-	-	-	
1079	CPI-Consumer Price Index	-	-	-	-	-	1,874	1,874	Labor	1,930	1,988	2,048	2,109	2,172	
1080	Pay-Non-Perm Labor	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1081	Overtime (OT 1.0)	-	1,335	1,839	2,126	2,029	-	-	Labor	-	-	-	-	-	
1082	Overtime (OT 1.5)	-	993	4,020	4,144	5,160	-	-	Labor	-	-	-	-	-	
1083	Holiday Pay	1,367	1,098	1,383	1,397	1,443	-	-	Labor	-	-	-	-	-	
1084	Disaster Pay - (OT 1.5)	-	-	103	484	562	-	-	Labor	-	-	-	-	-	
1085	Special Pay (w/o Retirement)	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1086	Sick Leave Buy Back	-	-	-	22	-	-	-	Labor	-	-	-	-	-	
1087	FICA Taxes (OASDI)	2,021	1,698	2,303	2,389	2,650	2,435	2,435	Labor	2,508	2,583	2,661	2,741	2,823	
1088	FICA Taxes (Medicare)	473	397	539	559	620	569	569	Labor	586	604	622	640	660	
1089	Regular Retirement	2,738	2,549	3,952	4,453	5,476	5,327	5,327	Labor	5,487	5,651	5,821	5,996	6,175	
1090	Investment Retirement	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1091	Senior Management Retirement	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1092	Health Insurance	4,326	8,832	12,039	12,121	11,704	12,582	12,582	HealthIns	13,022	13,478	13,950	14,438	14,943	
1093	Health Ins Opt Out	-	-	5	-	-	-	-	HealthIns	-	-	-	-	-	
1094	Life Insurance	98	52	64	71	76	71	71	Inflation	73	74	76	78	79	
1095	Dental Insurance	155	222	256	245	236	246	246	Inflation	252	258	263	269	275	
1096	Disability Insurance	154	124	116	102	111	124	124	Inflation	127	130	133	136	139	
1097	Worker's Comp-(IGS)	1,939	24,100	24,100	-	-	-	-	Labor	-	-	-	-	-	
1098	Other Post-Employment Benefits (OPEB)	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1099	<b>Total Personnel Services</b>	\$ 44,818	\$ 66,442	\$ 81,966	\$ 59,927	\$ 65,024	\$ 60,609	\$ 60,609		\$ 62,488	\$ 64,424	\$ 66,421	\$ 68,479	\$ 70,602	
<b>Operating Expenses</b>															
1100	Legal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Inflation	\$ -	\$ -	\$ -	\$ -	\$ -	
1101	Financial Services	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1102	Architect and Engin. Serv	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1103	Other Professional Services	24,283	19,209	33,849	19,434	18,005	30,000	30,000	Inflation	30,750	31,427	32,118	32,824	33,547	
1104	Court Reporter Expenses	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1105	Janitorial Services	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1106	Uniform/Laundry Service	4,253	4,581	-	-	-	-	-	Inflation	-	-	-	-	-	
1107	Comp Data Proc & Netwk-IGS	-	34,488	32,056	35,262	43,590	27,245	27,245	Inflation	27,926	28,540	29,168	29,810	30,466	
1108	Data Processing	20,493	50,838	24,785	31,701	21,334	115,000	115,000	Inflation	117,875	120,468	123,119	125,827	128,595	
1109	Other Contracted Services	107,219	102,375	69,789	107,321	83,513	120,000	120,000	Inflation	123,000	125,706	128,472	131,298	134,186	
1110	Local Travel - Class C	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1111	Bridge Tickets & Passes	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1112	Out-of-County Travel	-	-	-	-	(800)	4,000	4,000	Inflation	4,100	4,190	4,282	4,377	4,473	
1113	Telecommunications	1,442	3,125	3,412	3,574	4,170	4,800	4,800	Inflation	4,920	5,028	5,139	5,252	5,367	
1114	Advertising	552	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1115	Int. Phone Line (IGS-Var)	4,822	4,788	4,389	4,828	2,424	2,424	2,424	Inflation	2,485	2,539	2,595	2,652	2,711	
1116	Int. Phone Usage (IGS-Var)	31	-	3	31	31	31	31	Inflation	32	32	33	34	35	
1117	Freight, Postage & Courier Svc	885	1,042	1,593	734	3,735	5,000	5,000	Inflation	5,125	5,238	5,353	5,471	5,591	
1118	Electric	-	-	-	-	-	-	-	Electric	-	-	-	-	-	
1119	Water and Sewer	-	-	-	-	-	-	-	W&S	-	-	-	-	-	
1120	Trash, Garbage&Sludge Removal	143	157	-	-	-	-	-	DisposalRate	-	-	-	-	-	
1121	All Utility Services	-	-	130	190	17	-	-	DisposalRate	-	-	-	-	-	
1122	Land, Bldg, Parking Rental	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1123	Office Equip Lease	532	948	-	-	-	-	-	Inflation	-	-	-	-	-	
1124	Other Equipment Rental	2,546	28,845	-	-	-	-	-	Inflation	-	-	-	-	-	
1125	Rental & Lease (<12 mos, <\$5,000)	-	-	4,347	6,019	8,001	7,500	7,500	Inflation	7,688	7,857	8,029	8,206	8,387	
1126	Small Equipment Leases	-	-	935	940	758	-	-	Inflation	-	-	-	-	-	
1127	Self Ins Assess-Auto Ins	559	-	1,123	-	-	-	-	Inflation	-	-	-	-	-	
1128	Insurance and Bonds	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1129	Building Maintenance	4,884	-	-	-	-	-	-	Repair	-	-	-	-	-	
1130	Maintenance Material	3,716	3,953	-	-	-	-	-	Repair	-	-	-	-	-	
1131	Vehicle Maintenance	716,326	447,380	(4)	-	-	-	-	Repair	-	-	-	-	-	
1132	Equipment Maintenance	413,959	582,113	-	-	-	-	-	Repair	-	-	-	-	-	
1133	Equipment Repair Parts	891,584	747,058	-	-	-	-	-	Repair	-	-	-	-	-	
1134	Repair & Maint. - Services & Labor	-	-	738,873	913,173	897,855	1,145,660	1,145,660	Repair	1,191,486	1,239,146	1,288,712	1,340,260	1,393,871	
1135	Repairs & Maint. - Parts	-	1,074	714,565	1,132,588	1,146,806	1,718,490	1,718,490	Repair	1,787,230	1,858,719	1,933,068	2,010,390	2,090,806	
1136	Horticultural	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1137	Tires & Tubes	-	32,337	-	-	-	-	-	Inflation	-	-	-	-	-	
1138	Batteries	10,057	9,859	-	-	-	-	-	Inflation	-	-	-	-	-	
1139	Internal Repair & Maint.	85	433	37	-	185	-	-	Repair	-	-	-	-	-	
1140	Prntng, Bndng & Copy Ext	1,002	-	-	2,460	-	-	-	Inflation	-	-	-	-	-	

**Table 8  
Lee County, Florida  
Solid Waste System  
Fiscal Year 2024 Rate Study**

Historical and Projected Operating Expenses

Line No.	Description	Historical					Budget 2024	Adjustments	Adjusted 2024	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023					2025	2026	2027	2028	2029
1141	Prntng. Bndng & Copy Int	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1142	Promo. Advertising & Expenses	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1143	Deputy Clerk Fees	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1144	Indirect Cost	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1145	Solid Waste Assessment	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1146	Fiscal Support	24,890	25,637	26,540	27,467	28,203	19,818	19,818	Inflation	20,313	20,760	21,217	21,684	22,161	
1147	License,Permit & Appl.Fee	670	120	697	329	-	-	-	Inflation	-	-	-	-	-	
1148	Preprinted Forms	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1149	Gen. Office Supplies	209	762	50	492	-	-	-	Inflation	-	-	-	-	-	
1150	Fuel and Lubricants	832,529	587,796	852,954	1,541,273	1,715,879	1,911,584	1,911,584	Fuel	1,988,047	2,067,569	2,150,272	2,236,283	2,325,734	
1151	Medical Supplies & Drugs	301	429	-	-	-	-	-	Inflation	-	-	-	-	-	
1152	Clothing & Wearing Apparel	5,255	12,973	-	-	-	-	-	Inflation	-	-	-	-	-	
1153	Chem. Insect & Fertilizer	3,835	7,054	-	-	-	-	-	Chemicals	-	-	-	-	-	
1154	Food and Food Supplies	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1155	Jani. & Other Maint. Supplies	30,153	41,450	-	-	-	-	-	Inflation	-	-	-	-	-	
1156	Minor Equipment	19,744	31,383	39,432	77,098	37,509	52,000	52,000	Inflation	53,300	54,473	55,671	56,896	58,147	
1157	Attractive Items	-	-	-	2,475	-	-	-	Inflation	-	-	-	-	-	
1158	Other Supplies	4,410	18,243	73,190	65,439	51,841	50,000	50,000	Inflation	51,250	52,378	53,530	54,707	55,911	
1159	Asphalt and Coldmix	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1160	Road Base Materials	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1161	Cement and Concrete	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1162	Sign Material	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1163	Other Road Materials	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1164	Reference Materials	6,622	580	15,760	-	1,236	1,500	1,500	Inflation	1,538	1,571	1,606	1,641	1,677	
1165	Memberships	212	218	630	195	201	1,200	1,200	Inflation	1,230	1,257	1,285	1,313	1,342	
1166	Educational Expenses	-	276	-	-	-	-	-	Inflation	-	-	-	-	-	
1167	Training/Seminars/Bus. Meeting	-	1,148	150	-	235	4,000	4,000	Inflation	4,100	4,190	4,282	4,377	4,473	
1168	Furniture and Equipment	-	80,286	131,645	71,299	31,640	-	-	Eliminate	-	-	-	-	-	
1169	Vehicle & Rolling Stock	-	199,695	-	35,194	28,208	-	-	Eliminate	-	-	-	-	-	
1170	Lease Purchase - Principal	-	-	-	-	-	-	-	Constant	-	-	-	-	-	
1171	Aids to Priv. Organizations	-	-	-	-	-	-	-	Inflation	-	-	-	-	-	
1172	<b>Total Operating Expense</b>	\$ 3,138,202	\$ 3,082,653	\$ 2,770,929	\$ 4,079,516	\$ 4,124,576	\$ 5,220,252	\$ 5,220,252		5,422,394	5,631,089	5,847,950	6,073,302	\$ 6,307,480	
1173	<b>Total Solid Waste Fleet</b>	\$ 3,183,020	\$ 3,149,094	\$ 2,852,895	\$ 4,139,443	\$ 4,189,600	\$ 5,280,861	\$ 5,280,861		5,484,882	5,695,513	5,914,371	6,141,781	\$ 6,378,082	
<b>53400- General Fund / Solid Waste Control</b>															
<b>Personnel Services</b>															
1174	Salaries - Full Time Regular	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Labor	\$ -	\$ -	\$ -	\$ -	\$ -	
1175	Sick Leave	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1176	Vacation Leave	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1177	Overtime (OT 1.0)	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1178	Overtime (OT 1.5)	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1179	Holiday Pay	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1180	FICA Taxes (OASDI)	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1181	FICA Taxes (Medicare)	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1182	Regular Retirement	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1183	Health Insurance	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1184	Life Insurance	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1185	Dental Insurance	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1186	Disability Insurance	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1187	<b>Total Personnel Services</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	\$ -	
1188	<b>Total General Fund</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		-	-	-	-	\$ -	
<b>ZZ/CB/GE/400 - Other Expense</b>															
<b>Personnel Services</b>															
1189	Compensated Absences	\$ 73,908	\$ 71,081	\$ (40,771)	\$ 174,065	\$ 112,681	\$ -	\$ -	Labor	\$ -	\$ -	\$ -	\$ -	\$ -	
1190	Pension Expense (Finance Only)	(2,586)	-	-	-	-	-	-	Labor	-	-	-	-	-	
1191	OPEB - Current Year Expenditures	-	-	-	-	-	-	-	Labor	-	-	-	-	-	
1192	OPEB-United	5,181	4,863	-	16,600	11,233	-	-	Labor	-	-	-	-	-	
1193	OPEB-Aetna	30,859	32,702	-	32,076	32,076	-	-	Labor	-	-	-	-	-	
1194	<b>Total Personnel Services</b>	107,362	108,646	(40,771)	222,741	155,990	-	-		-	-	-	-	-	
<b>Operating Expenses</b>															
1195	Financial Services	\$ -	\$ -	\$ (11,014)	\$ 1,664	\$ 9,349	\$ -	\$ -	Eliminate	\$ -	\$ -	\$ -	\$ -	\$ -	
1196	Tax Collector Financial Services	433,112	442,539	458,204	471,738	558,474	-	-	Eliminate	-	-	-	-	-	
1197	Other Debt Service Costs	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-	
1198	Architect and Engin. Serv	60,261	-	-	-	-	-	-	Eliminate	-	-	-	-	-	
1199	Appraisal Services	15,450	14,965	15,997	19,675	-	-	-	Eliminate	-	-	-	-	-	
1200	Other Professional Services	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-	
1201	Other Professional Services	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-	
1202	Other Professional Services	48,967	24,181	-	-	-	-	-	Eliminate	-	-	-	-	-	
1203	Other Professional Services	268,494	272,979	277,316	281,675	379,320	-	-	Eliminate	-	-	-	-	-	
1204	Data Processing	(2,165)	(11,605)	3,987	(330)	(17,951)	-	-	Eliminate	-	-	-	-	-	
1205	Other Contracted Services	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-	
1206	Other Contracted Services	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-	

**Table 8**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

Historical and Projected Operating Expenses

Line No.	Description	Historical					Budget 2024	Adjustments	Adjusted 2024	Escalation Reference	Fiscal Year Ending September 30,				
		2019	2020	2021	2022	2023					2025	2026	2027	2028	2029
1207	Trash, Garbage&Sludge Removal - Utility	-	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-
1208	Other Contracted Services	-	186,852	80,619	333,805	34,210	-	-	-	Eliminate	-	-	-	-	-
1209	Other Contracted Services	-	147,855	-	-	249,950	-	-	-	Eliminate	-	-	-	-	-
1210	Building Maintenance	-	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-
1211	Equipment Maintenance	-	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-
1212	Equipment Maintenance	-	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-
1213	Equipment Repair Parts	-	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-
1214	Equipment Repair Parts	-	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-
1215	Equipment Repair Parts	40,898	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-
1216	Equipment Repair Parts	44,976	77,036	53,611	101,396	-	-	-	-	Eliminate	-	-	-	-	-
1217	Equipment Repair Parts	-	30,111	46,831	94,492	-	-	-	-	Eliminate	-	-	-	-	-
1218	Internal Repair and Maintenance	-	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-
1219	License, Permit, & Appl. Fee	4,592	7,280	4,796	4,796	(9,204)	-	-	-	Eliminate	-	-	-	-	-
1220	Training/Seminars/Bus. Meeting	-	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-
1221	<b>Total Operating Expenses</b>	\$ 914,584	\$ 1,192,192	\$ 930,347	\$ 1,308,911	\$ 1,204,149	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
1222	<b>Total ZZ/CB/GE/400 - Other Expense</b>	\$ 1,021,946	\$ 1,300,838	\$ 889,576	\$ 1,531,653	\$ 1,360,139	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
<b>11116440100 - Hurricane</b>															
<b>Operating Expenses</b>															
1223	Architect and Engin. Serv	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Calculated	\$ -	\$ -	\$ -	\$ -	\$ -
1224	Other Professional Services	865,794	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1225	Other Contracted Services	55,522	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1226	Building Maintenance	1,141,527	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1227	Advertising	-	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1228	Freight, Postage & Courier Svc	-	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1229	Trash, Garbage&Sludge Removal	-	995	-	-	-	-	-	-	Calculated	-	-	-	-	-
1230	Land, Bldg. Parking Rental	1,458	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1231	Other Equipment Rental	-	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1232	Maintenance Material	-	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1233	Equipment Maintenance	-	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1234	Equipment Repair Parts	-	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1235	Deputy Clerk Fess	-	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1236	General Office Supplies	-	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1237	Chem. Insect & Fertilizer	-	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1238	Jani. & Other Maint. Supplies	-	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1239	Minor Equipment	-	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1240	Other Supplies	-	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1241	Other Road Materials	-	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1242	Furniture and Equipment	64,995	-	-	-	-	-	-	-	Calculated	-	-	-	-	-
1243	<b>Total Operating Expense</b>	\$ 2,130,292	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
1244	<b>Total 11116440100 - Hurricane</b>	\$ 2,130,292	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
<b>10116440100 - Hurricane / Compost Building</b>															
<b>Operating Expenses</b>															
1245	Architect and Engin. Serv	60,261	-	-	-	-	-	-	-	Eliminate	-	-	-	-	-
1246	Professional Services	-	152,983	-	-	-	-	-	-	Eliminate	-	-	-	-	-
1247	Improvement Construction	-	152,983	-	-	-	-	-	-	Eliminate	-	-	-	-	-
1248	<b>Total Operating Expense</b>	\$ 60,261	\$ 305,967	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
1249	<b>Total 10116440100 - Hurricane / Compost Building</b>	\$ 60,261	\$ 305,967	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
1250	<b>Grand Total Operating Budget</b>	<b>\$ 86,609,412</b>	<b>\$ 86,706,101</b>	<b>\$ 88,534,798</b>	<b>\$ 99,549,736</b>	<b>\$ 121,218,772</b>	<b>\$ 140,782,471</b>	<b>\$ (3,967,088)</b>	<b>\$ 137,247,383</b>		<b>\$ 136,503,705</b>	<b>\$ 142,939,803</b>	<b>\$ 149,136,964</b>	<b>\$ 156,854,615</b>	<b>\$ 162,810,788</b>
<b>Adjustments for Coverage</b>															
1251	Less Closure Expense Accruals [1]	\$ (2,585,642)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
1252	Less Recycling and Franchise Remittances [2]	(556,203)	(551,561)	(814,388)	(1,190,027)	(660,347)	(670,000)	-	(670,000)		(681,207)	(692,524)	(703,323)	(713,606)	(723,374)
1253	Less Ferrous and Non-Ferrous Revenues [3]	-	-	-	-	-	(2,244,075)	-	(2,244,075)		(2,244,075)	(2,244,075)	(2,244,075)	(2,244,075)	(2,244,075)
1254	Other Reconciling Adjustments [4]	2,534,089	(152,884)	(1,718,754)	(12,358,052)	16,018,959	-	-	-		-	-	-	-	-
1255	<b>Operating Expenses</b>	<b>\$ 86,001,656</b>	<b>\$ 86,001,656</b>	<b>\$ 86,001,656</b>	<b>\$ 86,001,656</b>	<b>\$ 136,577,383</b>	<b>\$ 137,868,396</b>	<b>\$ (3,967,088)</b>	<b>\$ 134,333,309</b>		<b>\$ 133,578,423</b>	<b>\$ 140,003,204</b>	<b>\$ 146,189,566</b>	<b>\$ 153,896,934</b>	<b>\$ 159,843,339</b>

Footnotes:

- [1] Pursuant to the Prior Trust Indenture and the Bond Resolution, closure and post-closure expenses are excluded from the definition of Operating Expenses.
- [2] Beginning with the Fiscal Year 2016 the County began budgeting for revenues which are collected (budgeted as revenues) and subsequently remitted (budgeted as expense) to municipalities with respect to franchise fees and shared electric revenues.
- [3] Beginning with the Fiscal Year 2016 the County began budgeting for revenues which are generated (budgeted as revenues) from operation of the System and subsequently remitted or shared with the WTE facility contract operator (budgeted as expense). Amounts shown are equivalent to the gross ferrous and non-ferrous metal revenues.
- [4] Amounts shown reflect adjustments to reconcile to reported Operating Expenses for the Historical Period.



**Table 9**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Projected Operating Expense Escalation Factors**

Line No.	Description	Escalation Reference	Fiscal Year Ending September 30,				
			2025	2026	2027	2028	2029
<b>Operating Escalation Factors</b>							
1	Constant	Constant	1.0000	1.0000	1.0000	1.0000	1.0000
2	General Inflation - Consumer Price Index (CPI-U) [*]	Inflation	1.0250	1.0220	1.0220	1.0220	1.0220
3	Labor	Labor	1.0300	1.0300	1.0300	1.0300	1.0300
4	Electric	Electric	1.0500	1.0500	1.0500	1.0500	1.0500
5	Water and Sewer	W&S	1.0500	1.0500	1.0500	1.0500	1.0500
6	Gas / Fuel	Fuel	1.0400	1.0400	1.0400	1.0400	1.0400
7	Chemicals	Chemicals	1.0500	1.0500	1.0500	1.0500	1.0500
8	Health Insurance	HealthIns	1.0350	1.0350	1.0350	1.0350	1.0350
9	Solid Waste Disposal Fee Increase	DisposalRate	1.0400	1.0400	1.0400	1.0400	1.0400
10	Repairs and Maintenance	Repair	1.0400	1.0400	1.0400	1.0400	1.0400
11	Eliminate	Eliminate	0.0000	0.0000	0.0000	0.0000	0.0000
12	Calculated	Calculated	1.0000	1.0000	1.0000	1.0000	1.0000
13	Population Growth	Pop	1.0167	1.0166	1.0156	1.0146	1.0137
14	Change in Population Growth	Pop Change	0.9307	0.9960	0.9389	0.9377	0.9363
15	Population + Inflation	Pop+Inf	1.0421	1.0390	1.0380	1.0370	1.0360
16	Population + Landfill	Pop+LF	1.0596	1.0529	1.0495	1.0469	1.0444
17	Landfill	LF	1.0422	1.0356	1.0334	1.0317	1.0302
18	Inflation + Landfill	Inf+LF	1.0672	1.0576	1.0554	1.0537	1.0522
19	Labor + Landfill	Labor+LF	1.0722	1.0656	1.0634	1.0617	1.0602
20	Disposal Cost Center Hauling Costs (WTE to LHLF)	DisposalHauling	1.0377	1.0328	1.0326	1.0324	1.0323
21	Landfill Cost Center Hauling Costs (Sludge to LHLF)	SludgeHauling	1.0408	1.0377	1.0378	1.0378	1.0378
22	Franchise Hauler MSW Diversions	FranchiseDivert	1.1529	1.1176	1.1056	1.0971	1.0899
23	Municipal Cost Index	MCI	1.0300	1.0300	1.0300	1.0300	1.0300
24	Urban Wage Earners and Clerical Workers (CPI-W)	CPI-W	1.0300	1.0300	1.0300	1.0300	1.0300
25	Employment Cost Index (NAICS) - Total Compensation	NAICS-A	1.0300	1.0300	1.0300	1.0300	1.0300
26	Employment Cost Index (NAICS) - Salaries and Wages	NAICS-B	1.0300	1.0300	1.0300	1.0300	1.0300
27	Machinery and Equipment Index	Machine	1.0400	1.0400	1.0400	1.0400	1.0400
<b>Cumulative Capital Improvement Plan Escalation Factors</b>							
28	Constant	Constant	1.0000	1.0000	1.0000	1.0000	1.0000
29	Capital Outlay	Outlay	1.0300	1.0610	1.0930	1.1260	1.1600
30	Repairs and Maintenance	Repair	1.0400	1.0820	1.1250	1.1700	1.2170
31	Marginal Increase	Marginal	1.0100	1.0200	1.0300	1.0400	1.0500
32	High Increase	High	1.0500	1.1030	1.1580	1.2160	1.2770
33	Inflation	Inflation	1.0250	1.0480	1.0710	1.0950	1.1190

## Footnote:

[\*] Inflation figures obtained from the Congressional Budget Office as of February 2024.

**Table 10**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Projected Capital Expenditures [\*]**

Line No.	Description	Funding Source	Adjusted 2024	Fiscal Year Ending September 30,					Total
				2025	2026	2027	2028	2029	
<b>Disposal Allocable Capital</b>									
1	MRF Development	Cap	\$ 18,175,853	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,175,853
2	MRF Development	NewDebtI	-	21,765,000	28,327,500	28,327,500	-	-	78,420,000
3	Landfill Connectivity	Cap	476,000	-	-	-	-	-	476,000
4	Buckingham Resource Area	Cap	1,100,000	700,000	-	-	-	-	1,800,000
5	LCCF Capacity Improvements	Cap	8,559,799	-	-	-	-	-	8,559,799
6	Buckingham Scale Improvements	Cap	17,716	-	-	-	-	-	17,716
7	Hendry County Transfer Station Improvements	Reserves	7,385,672	-	-	-	-	-	7,385,672
8	Hendry County Transfer Station Improvements	Cap	4,500,000	-	-	-	-	-	4,500,000
9	Parts and Equipment Storage Area	Cap	837,000	-	-	-	-	-	837,000
10	WTE Fire Protection System	Cap	-	-	-	-	-	-	-
11	Compost Facility and Well Improvements	Cap	44,448	-	-	-	-	-	44,448
12	Landfill Gas Collection System	Cap	1,400,000	200,000	2,500,000	-	-	-	4,100,000
13	Landfill Class I Update and Design	Cap	300,000	-	-	-	-	-	300,000
14	Landfill Class III Update and Design	Cap	4,161,364	10,735,000	-	-	-	-	14,896,364
15	Ash Monofill Sideslope Closure	Cap	1,000,000	-	2,900,000	5,556,000	-	-	9,456,000
16	Umbrella - Buckingham Upgrades	Cap	255,799	2,234,500	156,800	161,000	-	-	2,808,099
17	Umbrella - Generators	Cap	136,501	-	-	-	-	-	136,501
18	Umbrella - Mechanical Systems	Cap	31,800	32,700	33,600	34,500	-	-	132,600
19	Umbrella - Scales	Cap	286,940	288,850	-	-	-	-	575,790
20	WTE Facilities Hardening	Cap	2,714,671	-	-	-	-	-	2,714,671
21	Bob Janes Gopher Tortise	Cap	-	-	-	-	-	-	-
22	Class I Landfill Phase IV	Cap	-	300,000	1,900,000	4,850,000	-	-	7,050,000
23	Class I Landfill Phase IV	Reserves	-	-	-	4,750,000	-	-	4,750,000
24	Total Capital Projects - Disposal		\$ 51,383,563	\$ 36,256,050	\$ 35,817,900	\$ 43,679,000	\$ -	\$ -	\$ 167,136,513
<b>Major Maintenance</b>									
25	Roof Systems	R&R	\$ 657,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 657,500
26	MRF Life Extension Projects	R&R	3,029,168	750,000	500,000	500,000	-	-	4,779,168
27	WTE Life Extension Projects	R&R	5,800,000	-	-	-	-	9,951,200	15,751,200
28	WTE Life Extension Projects	NewDebtI	-	18,002,611	10,589,430	22,949,000	9,872,130	-	61,413,171
29	Landfill Leachate System Maintenance	R&R	339,992	337,900	347,200	356,500	-	-	1,381,592
30	R&R Asphalt and Paving Repairs	R&R	546,632	243,070	250,432	200,330	-	-	1,240,464
31	R&R - C&D Facility	R&R	215,089	561,514	156,968	162,064	-	-	1,095,635
32	R&R Compost Facility	R&R	393,752	100,280	105,728	111,320	-	-	711,080
33	R&R Tipping Floors	R&R	153,043	1,135,500	392,000	402,500	-	-	2,083,043
34	WTE Generator Field Replace	R&R	1,524,152	-	-	-	-	-	1,524,152
35	R&R Scale Systems	R&R	-	-	-	-	-	-	-
36	Total Major Maintenance - Disposal		\$ 12,659,328	\$ 21,130,875	\$ 12,341,758	\$ 24,681,714	\$ 9,872,130	\$ 9,951,200	\$ 90,637,005

**Table 10**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Projected Capital Expenditures [\*]**

Line No.	Description	Funding Source	Adjusted 2024	Fiscal Year Ending September 30,					Total
				2025	2026	2027	2028	2029	
37	Departmental Capital Outlay	Rates	\$ 2,787,920	\$ 2,562,500	\$ 2,620,000	\$ 2,677,500	\$ 2,737,500	\$ 2,797,500	\$ 16,182,920
38	<b>Total Capital Improvement Plan - Disposal</b>		<u>\$ 66,830,811</u>	<u>\$ 59,949,425</u>	<u>\$ 50,779,658</u>	<u>\$ 71,038,214</u>	<u>\$ 12,609,630</u>	<u>\$ 12,748,700</u>	<u>\$ 273,956,438</u>
39	<b>Grand Total Capital Improvement Plan</b>		<u>\$ 66,830,811</u>	<u>\$ 59,949,425</u>	<u>\$ 50,779,658</u>	<u>\$ 71,038,214</u>	<u>\$ 12,609,630</u>	<u>\$ 12,748,700</u>	<u>\$ 273,956,438</u>
<b>Total Capital Improvement Plan Funding Sources</b>									
40	Rate Revenue	Rates	\$ 2,787,920	\$ 2,562,500	\$ 2,620,000	\$ 2,677,500	\$ 2,737,500	\$ 2,797,500	\$ 16,182,920
	System Reserve Fund - Reserves	Reserves	7,385,672	-	-	4,750,000	-	-	12,135,672
41	System Reserve Fund - Solid Waste Management (Capital Account)	Cap	43,997,891	14,491,050	7,490,400	10,601,500	-	-	76,580,841
42	Renewal and Replacement	R&R	12,659,328	3,128,264	1,752,328	1,732,714	-	9,951,200	29,223,834
	Existing Debt	ExistDebt	-	-	-	-	-	-	-
43	Series 2021 Bonds	NewDebt1	-	39,767,611	38,916,930	51,276,500	9,872,130	-	139,833,171
44	New Debt 2	NewDebt2	-	-	-	-	-	-	-
	New Debt 3	NewDebt3	-	-	-	-	-	-	-
	Recycling	Recycle	-	-	-	-	-	-	-
	Additional Funding Source	Add1	-	-	-	-	-	-	-
45	<b>Total Allocated Funding Sources</b>		<u>\$ 66,830,811</u>	<u>\$ 59,949,425</u>	<u>\$ 50,779,658</u>	<u>\$ 71,038,214</u>	<u>\$ 12,609,630</u>	<u>\$ 12,748,700</u>	<u>\$ 273,956,438</u>

Footnote:

[\*]

**Table 11**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Projected Annual Debt Service Payments - Accrual Basis**

Line No.	Fiscal Year	Total Debt Service - Existing and Proposed			Total Ending Principal Outstanding
		Principal	Interest	Total	
1	2024	\$ 7,425,000	\$ 1,170,750	\$ 8,595,750	\$ 151,775,000
2	2025	7,795,000	3,144,304	10,939,304	143,980,000
3	2026	8,195,000	5,042,869	13,237,869	135,785,000
4	2027	4,105,000	6,789,250	10,894,250	131,680,000
5	2028	4,310,000	6,584,000	10,894,000	127,370,000
6	2029	4,530,000	6,368,500	10,898,500	122,840,000
7	2030	4,755,000	6,142,000	10,897,000	118,085,000
8	2031	4,990,000	5,904,250	10,894,250	113,095,000
9	2032	5,240,000	5,654,750	10,894,750	107,855,000
10	2033	5,505,000	5,392,750	10,897,750	102,350,000
11	2034	5,780,000	5,117,500	10,897,500	96,570,000
12	2035	6,065,000	4,828,500	10,893,500	90,505,000
13	2036	6,370,000	4,525,250	10,895,250	84,135,000
14	2037	6,690,000	4,206,750	10,896,750	77,445,000
15	2038	7,025,000	3,872,250	10,897,250	70,420,000
16	2039	7,375,000	3,521,000	10,896,000	63,045,000
17	2040	7,745,000	3,152,250	10,897,250	55,300,000
18	2041	8,130,000	2,765,000	10,895,000	47,170,000
19	2042	8,535,000	2,358,500	10,893,500	38,635,000
20	2043	8,965,000	1,931,750	10,896,750	29,670,000
21	2044	9,410,000	1,483,500	10,893,500	20,260,000
22	2045	9,885,000	1,013,000	10,898,000	10,375,000
23	2046	10,375,000	518,750	10,893,750	-
24	2047	-	-	-	-
25	2048	-	-	-	-
26	2049	-	-	-	-
27	2050	-	-	-	-
28	2051	-	-	-	-
29	2052	-	-	-	-
30	2053	-	-	-	-
31	2054	-	-	-	-
32	2055	-	-	-	-
33	2056	-	-	-	-

**Table 12**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Projected Fund Balances and Interest Income**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
<b>ENDING CASH BALANCE SUMMARY:</b>							
1	OPERATIONS AND MAINTENANCE FUND	\$54,860,541	\$40,860,541	\$40,860,541	\$39,860,541	\$39,860,541	\$39,860,541
2	O&M FUND CUSTOMER DEPOSITS	27,825	27,825	27,825	27,825	27,825	27,825
3	DEBT SERVICE SINKING FUND	8,031,271	9,388,047	10,737,330	7,520,521	7,622,896	7,735,146
4	DEBT SERVICE FUND RESERVE ACCOUNT	7,707,541	7,707,541	7,707,541	0	0	0
5	RENEWAL AND REPLACEMENT FUND	5,992,026	5,992,026	5,992,026	5,992,026	5,992,026	5,992,026
6	SYSTEM RESERVE FUND	4,467,011	3,043,122	271,251	5,788,545	13,617,888	16,439,179
7	SYSTEM RESERVE FUND - SW MANAGEMENT	0	100,065,560	61,148,630	9,872,130	0	0
8	SYSTEM RESERVE FUND - RECYCLING	0	0	0	0	0	0
9	SYSTEM RESERVE FUND CIP	90,600	4,599,550	4,109,150	3,507,650	14,507,650	27,007,650
10	LANDFILL CLOSURE FUND	12,903,013	19,353,595	21,313,898	23,375,824	24,506,608	26,734,122
11	RATE STABILIZATION FUND	6,875,575	0	0	0	0	0
12	TOTAL PROJECTED END OF YEAR BALANCES	<u>\$100,955,404</u>	<u>\$191,037,808</u>	<u>\$152,168,193</u>	<u>\$95,945,062</u>	<u>\$106,135,434</u>	<u>\$123,796,490</u>
<b>OPERATIONS AND MAINTENANCE FUND</b>							
13	Beginning Balance	\$3,898,772	\$54,860,541	\$40,860,541	\$40,860,541	\$39,860,541	\$39,860,541
14	Transfers In - Rate Revenues for Reserve Balances	0	0	0	0	0	0
15	Transfers In - Rate Revenues for Operating Expenses	137,247,383	136,503,705	142,939,803	149,136,964	156,854,615	162,810,788
16	Transfer In - Reimbursement from FEMA	104,961,770	0	0	0	0	0
17	Transfers Out - Operating Expenses	137,247,383	136,503,705	142,939,803	149,136,964	156,854,615	162,810,788
18	Transfers Out - Fund Revenue Requirements	0	0	0	0	0	0
19	Transfers Out - Rate Stabilization	24,000,000	0	0	0	0	0
20	Transfers Out - CIP Fund	30,000,000	14,000,000	0	1,000,000	0	0
21	Interest Rate	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
22	Interest Income in Fund	440,700	717,900	612,900	605,400	597,900	597,900
23	Use of Interest Income to Fund Revenue Requirements	440,700	717,900	612,900	605,400	597,900	597,900
24	Ending Balance	<u>\$54,860,541</u>	<u>\$40,860,541</u>	<u>\$40,860,541</u>	<u>\$39,860,541</u>	<u>\$39,860,541</u>	<u>\$39,860,541</u>
<b>DEBT SERVICE SINKING FUND</b>							
25	Beginning Balance	\$7,847,896	\$8,031,271	\$9,388,047	\$10,737,330	\$7,520,521	\$7,622,896
26	Transfers In - Rate Revenues / Accrued Payments	8,595,750	10,939,304	13,237,869	10,894,250	10,894,000	10,898,500
27	Transfers Out - Debt Payments / Cash Basis	8,412,375	9,582,527	11,888,586	14,111,060	10,791,625	10,786,250

**Table 12**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Projected Fund Balances and Interest Income**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
28	Interest Rate	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
29	Interest Income in Fund	119,100	130,600	150,900	136,900	113,600	115,200
30	Use of Interest Income to Fund Revenue Requirements	119,100	130,600	150,900	136,900	113,600	115,200
31	Ending Balance	<u>\$8,031,271</u>	<u>\$9,388,047</u>	<u>\$10,737,330</u>	<u>\$7,520,521</u>	<u>\$7,622,896</u>	<u>\$7,735,146</u>

**Table 12**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Projected Fund Balances and Interest Income**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
<b>DEBT SERVICE FUND RESERVE ACCOUNT</b>							
32	Beginning Balance	\$7,707,541	\$7,707,541	\$7,707,541	\$7,707,541	\$0	\$0
33	Interest Rate	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
34	Interest Income in Fund	115,600	115,600	115,600	57,800	0	0
35	Use of Interest Income to Fund Revenue Requirements	115,600	115,600	115,600	57,800	0	0
36	Ending Balance	<u>\$7,707,541</u>	<u>\$7,707,541</u>	<u>\$7,707,541</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
<b>RENEWAL AND REPLACEMENT FUND</b>							
37	Beginning Balance	\$5,992,026	\$5,992,026	\$5,992,026	\$5,992,026	\$5,992,026	\$5,992,026
38	Transfers In/(Out) - System Reserve Fund	12,659,328	3,128,264	1,752,328	1,732,714	0	9,951,200
39	Transfers Out - CIP	12,659,328	3,128,264	1,752,328	1,732,714	0	9,951,200
40	Interest Rate	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
41	Interest Income in Fund	89,900	89,900	89,900	89,900	89,900	89,900
42	Use of Interest Income to Fund Revenue Requirements	89,900	89,900	89,900	89,900	89,900	89,900
43	Ending Balance	<u>\$5,992,026</u>	<u>\$5,992,026</u>	<u>\$5,992,026</u>	<u>\$5,992,026</u>	<u>\$5,992,026</u>	<u>\$5,992,026</u>
<b>SYSTEM RESERVE FUND</b>							
44	Beginning Balance	\$4,467,011	\$4,467,011	\$3,043,122	\$271,251	\$5,788,545	\$13,617,888
45	Transfers In - Revenue Requirements from Rate Revenues	0	0	0	4,292,467	7,829,343	12,772,491
46	Transfers In - Rate Stabilization	20,393,072	6,875,575	0	0	0	0
	Transfers In - Release Debt Service Reserve	0	0	0	7,707,541	0	0
47	Transfers Out - Renewal and Replacement Fund	12,659,328	3,128,264	1,752,328	1,732,714	0	9,951,200
48	Transfers Out - Construction Fund	0	0	0	0	0	0
49	Interest Rate	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
50	Interest Income in Fund	69,600	95,100	32,500	45,400	145,500	225,400
51	Use of Interest Income to Fund Revenue Requirements	69,600	95,100	32,500	45,400	145,500	225,400
52	End of Year Surplus / (Deficiency)	(348,072)	(5,171,200)	(1,019,543)	0	0	0
53	Ending Balance	<u>\$4,467,011</u>	<u>\$3,043,122</u>	<u>\$271,251</u>	<u>\$5,788,545</u>	<u>\$13,617,888</u>	<u>\$16,439,179</u>

**Table 12**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Projected Fund Balances and Interest Income**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
<b>SYSTEM RESERVE FUND - SW MANAGEMENT</b>							
54	Beginning Balance	\$0	\$0	\$100,065,560	\$61,148,630	\$9,872,130	\$0
55	Transfers In - Reserves	0	0	0	0	0	0
56	Transfers Out - CIP	0	39,767,611	38,916,930	51,276,500	9,872,130	0
57	Interest Rate	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
58	Interest Income in Fund	0	0	0	0	0	0
59	Use of Interest Income to Fund Revenue Requirements	0	0	0	0	0	0
60	Ending Balance	<u>\$0</u>	<u>\$100,065,560</u>	<u>\$61,148,630</u>	<u>\$9,872,130</u>	<u>\$0</u>	<u>\$0</u>
<b>SYSTEM RESERVE FUND CIP</b>							
61	Beginning Balance	\$14,088,491	\$90,600	\$4,599,550	\$4,109,150	\$3,507,650	\$14,507,650
62	Transfers In - Rate Revenues Reserve Balances	0	5,000,000	7,000,000	9,000,000	11,000,000	12,500,000
63	Transfers In - Operating Expenses from Rate Revenues	0	0	0	0	0	0
64	Transfers In - CIP Fund	30,000,000	14,000,000	0	1,000,000	0	0
65	Transfers Out - Operating Expenses	43,997,891	14,491,050	7,490,400	10,601,500	0	0
66	Interest Rate	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
67	Interest Income in Fund	106,300	35,200	65,300	57,100	135,100	311,400
68	Use of Interest Income to Fund Revenue Requirements	106,300	35,200	65,300	57,100	135,100	311,400
69	Ending Balance	<u>\$90,600</u>	<u>\$4,599,550</u>	<u>\$4,109,150</u>	<u>\$3,507,650</u>	<u>\$14,507,650</u>	<u>\$27,007,650</u>
<b>LANDFILL CLOSURE FUND</b>							
70	Beginning Balance	\$12,712,305	\$12,903,013	\$19,353,595	\$21,313,898	\$23,375,824	\$24,506,608
71	Transfers In - Annual Operations / Rate Revenues	8	6,210,481	1,657,604	1,729,225	774,384	1,846,114
72	Interest Rate	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
73	Interest Income in Fund	190,700	240,100	302,700	332,700	356,400	381,400
74	Use of Interest Income to Fund Revenue Requirements	0	0	0	0	0	0
75	Ending Balance	<u>\$12,903,013</u>	<u>\$19,353,595</u>	<u>\$21,313,898</u>	<u>\$23,375,824</u>	<u>\$24,506,608</u>	<u>\$26,734,122</u>



**Table 12**  
**Lee County, Florida**  
**Solid Waste System**  
**Fiscal Year 2024 Rate Study**

**Projected Fund Balances and Interest Income**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
<b>RATE STABILIZATION FUND</b>							
76	Beginning Balance	\$3,268,647	\$6,875,575	\$0	\$0	\$0	\$0
77	Transfers Out - System Reserve Fund	20,393,072	6,875,575	0	0	0	0
78	Interest Rate	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
79	Interest Income in Fund	76,100	51,600	0	0	0	0
80	Use of Interest Income to Fund Revenue Requirements	76,100	51,600	0	0	0	0
81	Ending Balance	<u>\$6,875,575</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
<b>INTEREST INCOME BY FUND</b>							
82	Operations And Maintenance Fund	\$440,700	\$717,900	\$612,900	\$605,400	\$597,900	\$597,900
83	Debt Service Sinking Fund	119,100	130,600	150,900	136,900	113,600	115,200
84	Debt Service Fund Reserve Account	115,600	115,600	115,600	57,800	0	0
85	Renewal And Replacement Fund	89,900	89,900	89,900	89,900	89,900	89,900
86	System Reserve Fund	69,600	95,100	32,500	45,400	145,500	225,400
87	System Reserve Fund - Sw Management	0	0	0	0	0	0
88	System Reserve Fund Cip	106,300	35,200	65,300	57,100	135,100	311,400
89	Rate Stabilization Fund	76,100	51,600	0	0	0	0
90	Investment Earnings	<u>\$1,017,700</u>	<u>\$1,236,300</u>	<u>\$1,067,500</u>	<u>\$992,900</u>	<u>\$1,082,400</u>	<u>\$1,340,200</u>
91	Landfill Closure Fund	190,700	240,100	302,700	332,700	356,400	381,400
92	Total Interest Income	<u>\$1,208,400</u>	<u>\$1,476,400</u>	<u>\$1,370,200</u>	<u>\$1,325,600</u>	<u>\$1,438,800</u>	<u>\$1,721,600</u>

**Table 13**  
**Lee County, Florida**  
**Solid Waste System**

**Fiscal Year 2024 Rate Study**

**Development of Solid Waste Disposal Net Revenue Requirements From Rates**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
1	Operation and Maintenance Expenses	\$ 89,842,273	\$ 87,842,505	\$ 91,568,065	\$ 95,278,483	\$ 100,502,436	\$ 103,962,181
	Other Revenue Requirements						
	Annual Debt Service:						
2	Solid Waste System Revenue Bonds, Series 2006A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	Solid Waste System Revenue Bonds, Series 2006B	-	-	-	-	-	-
4	Series 2016 Bonds	8,595,750	8,594,500	8,604,750	-	-	-
6	New Debt 1	-	2,344,804	4,633,119	10,894,250	10,894,000	10,898,500
7	New Debt 2	-	-	-	-	-	-
9	Total Annual Debt Service	\$ 8,595,750	\$ 10,939,304	\$ 13,237,869	\$ 10,894,250	\$ 10,894,000	\$ 10,898,500
	Other Transfers and Funding Requirements:						
10	Capital Funded From Rates	\$ 2,787,920	\$ 2,562,500	\$ 2,620,000	\$ 2,677,500	\$ 2,737,500	\$ 2,797,500
11	Transfer to Landfill Closure Fund	8	6,210,481	1,657,604	1,729,225	774,384	1,846,114
13	Transfer to SW Mangement Fund (Capital)	-	5,000,000	7,000,000	9,000,000	11,000,000	12,500,000
14	Transfer to Debt Service Reserve Fund	-	-	-	-	-	-
15	Transfer to System Reserves	-	-	-	4,292,467	7,829,343	12,772,491
16	Transfer to System Reserves - Rate Stabilization	-	-	-	-	-	-
17	Transfer to Operating Fund Reserves	-	-	-	-	-	-
18	Transfer to Operating Fund Reserves - Recycling	-	-	-	-	-	-
19	Transfer to Operating Fund Reserves - Right of Way Cleanup	-	-	-	-	-	-
20	Total Other Transfers and Funding Requirements	\$ 2,787,928	\$ 13,772,981	\$ 11,277,604	\$ 17,699,192	\$ 22,341,227	\$ 29,916,105
21	Total Other Revenue Requirements	11,383,678	24,712,285	24,515,473	28,593,442	33,235,227	40,814,605
22	Gross Revenue Requirements	\$ 101,225,952	\$ 112,554,790	\$ 116,083,538	\$ 123,871,925	\$ 133,737,663	\$ 144,776,787

**Table 13**  
**Lee County, Florida**  
**Solid Waste System**

**Fiscal Year 2024 Rate Study**

**Development of Solid Waste Disposal Net Revenue Requirements From Rates**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
Less Income and Funds from Other Sources:							
23	Interest Income	\$ 1,017,700	\$ 1,236,300	\$ 1,067,500	\$ 992,900	\$ 1,082,400	\$ 1,340,200
24	Operations And Maintenance Fund	\$ 440,700	\$ 717,900	\$ 612,900	\$ 605,400	\$ 597,900	\$ 597,900
25	System Reserve Fund - Recycling	-	-	-	-	-	-
26	System Reserve Fund Cip	106,300	35,200	65,300	57,100	135,100	311,400
27	Debt Service Sinking Fund	119,100	130,600	150,900	136,900	113,600	115,200
28	Debt Service Fund Reserve Account	115,600	115,600	115,600	57,800	-	-
29	Renewal And Replacement Fund	89,900	89,900	89,900	89,900	89,900	89,900
30	Landfill Closure Fund	-	-	-	-	-	-
31	Debt Proceeds	-	-	-	-	-	-
32	System Reserve Fund	69,600	95,100	32,500	45,400	145,500	225,400
33	Rate Stabilization Fund	76,100	51,600	-	-	-	-
34	O&M Fund Customer Deposits	400	400	400	400	400	400
35	Gross Energy Revenues	11,061,732	8,519,172	8,518,052	8,517,026	8,516,080	8,515,212
36	Comm. Electronics Revenue	10,000	10,000	10,000	10,000	10,000	10,000
37	Electric Maintenance Revenue	-	-	-	-	-	-
38	MRF Recycling Revenues & Recycling Residual Revenues	5,688,016	5,794,192	5,883,412	5,966,810	6,045,381	6,119,268
39	Sale of Equipment	200,000	217,640	217,640	217,640	217,640	217,640
41	Miscellaneous Revenues (Sale of Metals)	465,000	465,000	465,000	465,000	465,000	465,000
42	Franchise Fees (County)	2,941,096	2,990,207	3,039,937	3,087,406	3,132,615	3,175,564
43	Franchise Fees (Municipalities)	660,000	671,021	682,180	692,833	702,978	712,616
44	Advanced Disposal Fees	500,000	500,000	500,000	500,000	500,000	500,000
45	Contractual Reimbursement	-	-	-	-	-	-
47	Contracted Sludge Disposal	2,764,175	2,808,400	2,853,349	2,899,021	2,945,417	2,992,537
48	Compost Sales	196,387	196,387	196,387	196,387	196,387	196,387
49	Ferrous/Non-Ferrous Revenues (County)	1,122,037	1,122,037	1,122,037	1,122,037	1,122,037	1,122,037
50	Ferrous/Non-Ferrous Revenues (Covanta)	1,122,037	1,122,037	1,122,037	1,122,037	1,122,037	1,122,037
51	Recycling Residue	1,020,000	1,060,800	1,103,232	1,147,361	1,193,256	1,240,986
52	Recycling Host Fees	540,000	540,000	540,000	540,000	540,000	540,000
53	FEMA Reimbursements (Ian)	-	-	-	-	-	-
54	Other Revenues	45,000	45,000	45,000	45,000	45,000	45,000
55	Transfers from Operating Fund	-	-	-	-	-	-
56	Transfers from Rate Stabilization Fund	-	-	-	-	-	-
57	Trasfer from General Fund - Hurricane Ian Reimbursement	-	-	-	-	-	-
58	Net Revenue Requirements from Rates	\$ 71,872,771	\$ 85,256,597	\$ 88,717,774	\$ 96,350,465	\$ 105,901,434	\$ 116,462,302

**Table 13**  
**Lee County, Florida**  
**Solid Waste System**

**Fiscal Year 2024 Rate Study**

**Development of Solid Waste Disposal Net Revenue Requirements From Rates**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
<b><u>DISPOSAL FEE REVENUE:</u></b>							
Revenues Under Existing & Adopted Rates:							
59	Residential Assessed Tip Fees	\$ 13,264,170	\$ 13,566,726	\$ 13,791,512	\$ 13,981,880	\$ 14,145,888	\$ 14,283,823
60	Disposal Facility Assessment	14,853,720	15,089,925	15,303,772	15,508,138	15,702,224	15,886,128
61	Recycling Fee	2,617,691	2,676,235	2,722,525	2,763,402	2,799,935	2,832,159
62	Surcharges	-	-	-	-	-	-
63	Assessment Billing Charge	945,820	964,342	979,175	992,341	991,800	1,002,028
64	Tipping Fees	51,005,674	51,668,454	52,341,793	53,026,119	53,721,607	54,428,408
65	Total Disposal Rate / Fee Revenue - Existing Rates	\$ 82,687,074	\$ 83,965,682	\$ 85,138,776	\$ 86,271,880	\$ 87,361,454	\$ 88,432,545
Rate Adjustment Input (%):							
66	Residential Assessed Tip Fees	0.00%	6.53%	4.00%	4.00%	4.00%	4.00%
67	Disposal Facility Assessment	0.00%	6.53%	4.00%	4.00%	4.00%	4.00%
68	Surcharges	0.00%	6.53%	4.00%	4.00%	4.00%	4.00%
69	Assessment Billing Charge	0.00%	6.53%	4.00%	4.00%	4.00%	4.00%
70	Tipping Fees	0.00%	6.53%	4.00%	4.00%	4.00%	4.00%
Adjusted Rate Revenues:							
71	Residential Assessed Tip Fees	\$ 13,264,170	\$ 14,452,633	\$ 15,279,781	\$ 16,110,321	\$ 16,951,267	\$ 17,801,219
72	Disposal Facility Assessment	14,853,720	16,075,297	16,955,232	17,868,918	18,816,252	19,798,092
	Recycling Fee	2,617,691	2,850,993	3,016,318	3,184,071	3,355,211	3,529,579
73	Surcharges	-	-	-	-	-	-
74	Assessment Billing Charge	945,820	1,027,313	1,084,839	1,143,403	1,188,492	1,248,778
75	Tipping Fees	51,005,674	55,042,404	57,990,101	61,098,204	64,375,549	67,831,421
76	Total Disposal Rate / Fee Revenue - Current Period Rate Adjustmen	\$ 82,687,074	\$ 89,448,641	\$ 94,326,271	\$ 99,404,917	\$ 104,686,770	\$ 110,209,088
Revenue Surplus / (Deficiency) Under Proposed Rate Adjustments							
77	Amount of Surplus / (Deficiency)	\$ 10,814,303	\$ 4,192,044	\$ 5,608,497	\$ 3,054,452	\$ (1,214,664)	\$ (6,253,214)
78	As Percent of Existing Revenue	13.08%	4.99%	6.18%	3.20%	(1.21%)	(5.90%)

**Table 14**  
**Lee County, Florida**  
**Solid Waste System**

**Fiscal Year 2024 Rate Study**

**Development of Solid Waste Collection Net Revenue Requirements From Rates**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
1	Operation and Maintenance Expenses	\$ 47,405,110	\$ 48,661,200	\$ 51,371,738	\$ 53,858,481	\$ 56,352,179	\$ 58,848,607
	Other Revenue Requirements						
	Annual Debt Service:						
2	Solid Waste System Revenue Bonds, Series 2006A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	Solid Waste System Revenue Bonds, Series 2006B	-	-	-	-	-	-
4	Series 2019 Bonds	-	-	-	-	-	-
5	Total Annual Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Other Transfers and Funding Requirements:						
6	Transfer to System Reserves - Rate Stabilization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	Total Other Transfers and Funding Requirements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8	Total Other Revenue Requirements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9	Gross Revenue Requirements	\$ 47,405,110	\$ 48,661,200	\$ 51,371,738	\$ 53,858,481	\$ 56,352,179	\$ 58,848,607
	Less Income and Funds from Other Sources:						
	Interest Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Contractual Fines Revenue	25,000	25,000	25,000	25,000	25,000	25,000
11	Net Revenue Requirements from Rates	\$ 47,380,110	\$ 48,636,200	\$ 51,346,738	\$ 53,833,481	\$ 56,327,179	\$ 58,823,607
	<b><u>COLLECTION FEE REVENUE:</u></b>						
	Revenues Under Existing & Adopted Rates:						
12	Collection Assessment	\$ 36,217,735	\$ 37,049,958	\$ 37,667,367	\$ 38,189,369	\$ 38,638,818	\$ 39,016,506
13	Residential Credit for Recycling	-	-	-	-	-	-
14	Assessment Billing Charge	-	-	-	-	-	-
15	Total Revenues Under Existing Rates	\$ 36,217,735	\$ 37,049,958	\$ 37,667,367	\$ 38,189,369	\$ 38,638,818	\$ 39,016,506

**Table 14**  
**Lee County, Florida**  
**Solid Waste System**

**Fiscal Year 2024 Rate Study**

**Development of Solid Waste Collection Net Revenue Requirements From Rates**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
	Rate Adjustment Input (%):						
16	Collection Assessment	0.00%	6.00%	12.00%	12.00%	12.00%	12.00%
17	Residential Credit for Recycling	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
18	Assessment Billing Charge	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Calculated Prior Period Rate Adjustment Revenues:						
19	Collection Assessment	N/A	\$ -	\$ 2,260,042	\$ 7,149,050	\$ 12,737,827	\$ 19,087,798
20	Residential Credit for Recycling	N/A	\$ -	\$ -	\$ -	\$ -	\$ -
21	Assessment Billing Charge	N/A	-	-	-	-	-
22	Total Disposal Rate / Fee Revenue - Prior Period Rate Adjustments	N/A	\$ -	\$ 2,260,042	\$ 7,149,050	\$ 12,737,827	\$ 19,087,798
	Calculated Current Period Rate Adjustment Revenues:						
23	Collection Assessment	\$ -	\$ 2,222,997	\$ 4,791,289	\$ 5,440,610	\$ 6,165,197	\$ 6,972,517
24	Residential Credit for Recycling	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25	Assessment Billing Charge	-	-	-	-	-	-
26	Total Disposal Rate / Fee Revenue - Current Period Rate Adjustments	\$ -	\$ 2,222,997	\$ 4,791,289	\$ 5,440,610	\$ 6,165,197	\$ 6,972,517
	Adjusted Rate Revenues:						
27	Collection Assessment	\$ 36,217,735	\$ 39,272,956	\$ 44,718,698	\$ 50,779,029	\$ 57,541,843	\$ 65,076,821
28	Residential Credit for Recycling	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29	Assessment Billing Charge	-	-	-	-	-	-
30	Total Disposal Rate / Fee Revenue - Current Period Rate Adjustments	\$ 36,217,735	\$ 39,272,956	\$ 44,718,698	\$ 50,779,029	\$ 57,541,843	\$ 65,076,821
	Revenue Surplus / (Deficiency) Under Proposed Rate Adjustments						
31	Amount of Surplus / (Deficiency)	\$ (11,162,375)	\$ (9,363,244)	\$ (6,628,040)	\$ (3,054,452)	\$ 1,214,664	\$ 6,253,214
32	As Percent of Existing Revenue	(30.82%)	(25.27%)	(16.60%)	(6.74%)	2.36%	10.76%

**Table 15**  
**Lee County, Florida**  
**Solid Waste System**

**Fiscal Year 2024 Rate Study**

**Development of Solid Waste Disposal and Collection Net Revenue Requirements From Rates**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
1	Operation and Maintenance Expenses	\$ 137,247,383	\$ 136,503,705	\$ 142,939,803	\$ 149,136,964	\$ 156,854,615	\$ 162,810,788
	Other Revenue Requirements						
	Annual Debt Service:						
2	Series 2016 Bonds	8,595,750	8,594,500	8,604,750	-	-	-
3	New Debt 1	-	2,344,804	4,633,119	10,894,250	10,894,000	10,898,500
4	New Debt 2	-	-	-	-	-	-
5	Total Annual Debt Service	\$ 8,595,750	\$ 10,939,304	\$ 13,237,869	\$ 10,894,250	\$ 10,894,000	\$ 10,898,500
	Other Transfers and Funding Requirements:						
6	Capital Funded From Rates	\$ 2,787,920	\$ 2,562,500	\$ 2,620,000	\$ 2,677,500	\$ 2,737,500	\$ 2,797,500
7	Transfer to Landfill Closure Fund	8	6,210,481	1,657,604	1,729,225	774,384	1,846,114
	Transfer to SW Management Fund (Capital)	-	5,000,000	7,000,000	9,000,000	11,000,000	12,500,000
8	Transfer to System Reserves - Rate Stabilization	-	-	-	-	-	-
9	Total Other Transfers and Funding Requirements	\$ 2,787,928	\$ 13,772,981	\$ 11,277,604	\$ 17,699,192	\$ 22,341,227	\$ 29,916,105
10	Total Other Revenue Requirements	11,383,678	24,712,285	24,515,473	28,593,442	33,235,227	40,814,605
11	Gross Revenue Requirements	\$ 148,631,062	\$ 161,215,990	\$ 167,455,276	\$ 177,730,406	\$ 190,089,842	\$ 203,625,393

**Table 15**  
**Lee County, Florida**  
**Solid Waste System**

**Fiscal Year 2024 Rate Study**

**Development of Solid Waste Disposal and Collection Net Revenue Requirements From Rates**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
	Less Income and Funds from Other Sources:						
12	Interest Income	\$ 1,017,700	\$ 1,236,300	\$ 1,067,500	\$ 992,900	\$ 1,082,400	\$ 1,340,200
	Operations And Maintenance Fund	\$ 440,700	\$ 717,900	\$ 612,900	\$ 605,400	\$ 597,900	\$ 597,900
	System Reserve Fund - Recycling	-	-	-	-	-	-
	System Reserve Fund Cip	106,300	35,200	65,300	57,100	135,100	311,400
	Debt Service Sinking Fund	119,100	130,600	150,900	136,900	113,600	115,200
	Debt Service Fund Reserve Account	115,600	115,600	115,600	57,800	-	-
	Renewal And Replacement Fund	89,900	89,900	89,900	89,900	89,900	89,900
	Landfill Closure Fund	-	-	-	-	-	-
	Debt Proceeds	-	-	-	-	-	-
	System Reserve Fund	69,600	95,100	32,500	45,400	145,500	225,400
	Rate Stabilization Fund	76,100	51,600	-	-	-	-
	O&M Fund Customer Deposits	400	400	400	400	400	400
13	Gross Energy Revenues	11,061,732	8,519,172	8,518,052	8,517,026	8,516,080	8,515,212
14	Comm. Electronics Revenue	10,000	10,000	10,000	10,000	10,000	10,000
15	MRF Recycling Revenues & Recycling Residual Revenues	5,688,016	5,794,192	5,883,412	5,966,810	6,045,381	6,119,268
16	Sale of Equipment	200,000	217,640	217,640	217,640	217,640	217,640
17	Contractual Fines Revenue	25,000	25,000	25,000	25,000	25,000	25,000
18	Miscellaneous Revenues (Sale of Metals)	465,000	465,000	465,000	465,000	465,000	465,000
19	Franchise Fees (County)	2,941,096	2,990,207	3,039,937	3,087,406	3,132,615	3,175,564
20	Franchise Fees (Municipalities)	660,000	671,021	682,180	692,833	702,978	712,616
21	Advanced Disposal Fees	500,000	500,000	500,000	500,000	500,000	500,000
22	Contracted Sludge Disposal	2,764,175	2,808,400	2,853,349	2,899,021	2,945,417	2,992,537
23	Compost Sales	196,387	196,387	196,387	196,387	196,387	196,387
24	Ferrous/Non-Ferrous Revenues (County)	1,122,037	1,122,037	1,122,037	1,122,037	1,122,037	1,122,037
25	Ferrous/Non-Ferrous Revenues (Covanta)	1,122,037	1,122,037	1,122,037	1,122,037	1,122,037	1,122,037
26	Recycling Residue	1,020,000	1,060,800	1,103,232	1,147,361	1,193,256	1,240,986
27	Recycling Host Fees	540,000	540,000	540,000	540,000	540,000	540,000
28	FEMA Reimbursements (Ian)	-	-	-	-	-	-
26	Other Revenues	45,000	45,000	45,000	45,000	45,000	45,000
29	Trasfer from General Fund - Hurricane Ian Reimbursement	-	-	-	-	-	-
30	Net Revenue Requirements from Rates	\$ 119,252,881	\$ 133,892,797	\$ 140,064,513	\$ 150,183,946	\$ 162,228,613	\$ 175,285,908



**Table 15**  
**Lee County, Florida**  
**Solid Waste System**

**Fiscal Year 2024 Rate Study**

**Development of Solid Waste Disposal and Collection Net Revenue Requirements From Rates**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
31	DISPOSAL FEE REVENUE [1]	\$ 82,687,074	\$ 89,448,641	\$ 94,326,271	\$ 99,404,917	\$ 104,686,770	\$ 110,209,088
31	Collection Assessment	\$ 36,217,735	\$ 37,049,958	\$ 37,667,367	\$ 38,189,369	\$ 38,638,818	\$ 39,016,506
31	Residential Credit for Recycling	-	-	-	-	-	-
32	Assessment Billing Charge	-	-	-	-	-	-
	Collection Rate Adjustments						
32	Prior Period	N/A	-	2,260,042	7,149,050	12,737,827	19,087,798
33	Current Period	-	2,222,997	4,791,289	5,440,610	6,165,197	6,972,517
34	COLLECTION FEE REVENUE [2]	\$ 36,217,735	\$ 39,272,956	\$ 44,718,698	\$ 50,779,029	\$ 57,541,843	\$ 65,076,821
35	COMBINED RATE REVENUE	\$ 118,904,809	\$ 128,721,596	\$ 139,044,969	\$ 150,183,946	\$ 162,228,612	\$ 175,285,909
	Revenue Surplus / (Deficiency) Under Proposed Rate Adjustments						
36	Amount of Surplus / (Deficiency)	\$ (348,072)	\$ (5,171,200)	\$ (1,019,543)	\$ -	\$ -	\$ -
37	As Percent of Existing Revenue	(0.29%)	(4.02%)	(0.73%)	0.00%	0.00%	0.00%

Footnotes:

[1] Revenues as derived from Table 13

[2] Revenues as derived from Table 14

**Table 16**  
**Lee County, Florida**  
**Fiscal Year 2024 Rate Study**

**Projected Rate Covenant Compliance Under Adopted and Identified Rates [1]**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
<b>Gross Revenues</b>							
1	Collection Revenues	\$ 36,217,735	\$ 39,272,956	\$ 44,718,698	\$ 50,779,029	\$ 57,541,843	\$ 65,076,821
2	Disposal & Other Charges	86,147,636	92,953,428	97,876,007	103,000,325	108,328,574	113,898,012
3	Total Rate Revenues [2]	122,365,371	132,226,383	142,594,705	153,779,354	165,870,417	178,974,833
<b>Other Revenue and Income</b>							
4	WTE Facility - Gross Electric Sales [3]	\$ 11,061,732	\$ 8,519,172	\$ 8,518,052	\$ 8,517,026	\$ 8,516,080	\$ 8,515,212
5	Gross Ferrous and Non-Ferrous Revenues [4]	2,244,075	2,244,075	2,244,075	2,244,075	2,244,075	2,244,075
6	Gross Franchise Fee Revenues	3,601,096	3,661,227	3,722,117	3,780,239	3,835,593	3,888,180
7	Other Miscellaneous Revenues	500,000	500,000	500,000	500,000	500,000	500,000
8	Interest Income	1,017,700	1,236,300	1,067,500	992,900	1,082,400	1,340,200
9	Recycling Revenues [5]	5,688,016	5,794,192	5,883,412	5,966,810	6,045,381	6,119,268
10	Recycling Residue	1,020,000	1,060,800	1,103,232	1,147,361	1,193,256	1,240,986
11	Recycling Host Fees	540,000	540,000	540,000	540,000	540,000	540,000
12	Other Revenues	45,000	45,000	45,000	45,000	45,000	45,000
13	Hurricane Irma Reimbursements - FEMA	-	-	-	-	-	-
14	Hurricane Irma Reimbursements - General Fund	-	-	-	-	-	-
15	Transfers From / (To) Rate Stabilization Fund [6]	-	-	-	-	-	-
16	Total Other Revenue and Income	\$ 25,717,619	\$ 23,600,766	\$ 23,623,387	\$ 23,733,411	\$ 24,001,785	\$ 24,432,921
17	Total Gross Revenues	\$ 148,082,990	\$ 155,827,149	\$ 166,218,092	\$ 177,512,765	\$ 189,872,202	\$ 203,407,754
<b>Operating Expenses [7]</b>							
18	Facilities	\$ 833,810	\$ 1,007,727	\$ 1,190,291	\$ 1,382,948	\$ 1,586,142	\$ 1,633,396
19	Operations/SW MGMT	50,958,011	52,400,604	55,300,910	57,983,204	60,666,528	63,260,183
20	Recycling	12,598,016	12,700,659	13,179,567	13,678,484	14,398,789	14,915,716
21	Disposal / WTE / Yard Waste	53,014,498	49,634,633	51,589,479	53,452,049	55,368,198	57,248,991
22	Buckingham Transfer Station / Diversion Transport	666,230	782,246	902,884	1,030,093	1,164,161	1,194,094
23	Hazardous Waste	1,204,139	1,239,160	1,273,786	1,309,413	1,346,073	1,383,796
24	C&D Facility	2,394,318	2,463,963	2,533,462	2,604,967	2,678,537	2,754,234
25	Transfer Stations	1,109,109	1,140,038	1,170,040	1,200,859	1,232,516	1,265,037
26	LHLF	9,188,391	9,649,794	10,103,871	10,580,576	12,271,889	12,777,260
27	Solid Waste Fleet	5,280,861	5,484,882	5,695,513	5,914,371	6,141,781	6,378,082
29	Total Operating Expenses	\$ 137,247,383	\$ 136,503,705	\$ 142,939,803	\$ 149,136,964	\$ 156,854,615	\$ 162,810,788
30	Net Revenues	\$ 10,835,606	\$ 19,323,445	\$ 23,278,289	\$ 28,375,802	\$ 33,017,587	\$ 40,596,966
31	Fund Balance [8]	4,585,436	107,736,057	65,556,856	19,196,150	28,153,363	43,474,654
32	Net Revenues and Fund Balance	\$ 15,421,042	\$ 127,059,501	\$ 88,835,145	\$ 47,571,952	\$ 61,170,950	\$ 84,071,620
<b>Annual Debt Service [9]</b>							
33	Existing Bonds	8,595,750	8,594,500	8,604,750	-	-	-
34	Additional Bonds	-	2,344,804	4,633,119	10,894,250	10,894,000	10,898,500
35	Total Annual Debt Service	\$ 8,595,750	\$ 10,939,304	\$ 13,237,869	\$ 10,894,250	\$ 10,894,000	\$ 10,898,500

**Table 16**  
**Lee County, Florida**  
**Fiscal Year 2024 Rate Study**

**Projected Rate Covenant Compliance Under Adopted and Identified Rates [1]**

Line No.	Description	Fiscal Year Ending September 30,					
		2024	2025	2026	2027	2028	2029
<u>Rate Covenant (Section 5.04):</u>							
Test A: Net Revenues + Fund Balance							
36	Calculated Coverage	1.79	11.61	6.71	4.37	5.62	7.71
37	Minimum Required Coverage	1.20	1.20	1.20	1.20	1.20	1.20
AND							
Test B: Net Revenues Only							
38	Calculated Coverage	1.26	1.77	1.76	2.60	3.03	3.73
39	Minimum Required Coverage	1.00	1.00	1.00	1.00	1.00	1.00
40	Net Available After Debt + Coverage	\$ 2,239,856	\$ 8,384,141	\$ 10,040,420	\$ 17,481,552	\$ 22,123,587	\$ 29,698,466
Other Required Transfers							
41	Subordinate Debt Service	-	-	-	-	-	-
42	Debt Service Reserve Requirement	-	-	-	-	-	-
43	Renewal and Replacement Fund Requirement	-	-	-	-	-	-
44	Net Amount After Required Transfers	\$ 2,239,856	\$ 8,384,141	\$ 10,040,420	\$ 17,481,552	\$ 22,123,587	\$ 29,698,466
45	Net Revenues After Debt Service	\$ 2,239,856	\$ 8,384,141	\$ 10,040,420	\$ 17,481,552	\$ 22,123,587	\$ 29,698,466
Other Funding Requirements							
46	Landfill Closure Fund	\$3,227,571	\$2,852,617	\$3,071,241	\$3,173,077	\$1,724,030	\$3,417,065
47	Capital Acquisitions / Capital Outlay Funded from Rates	2,787,920	2,562,500	2,620,000	2,677,500	2,737,500	2,797,500
48	Net Available for Other System Purposes	\$ 8,255,348	\$ 13,799,258	\$ 15,731,661	\$ 23,332,129	\$ 26,585,117	\$ 35,913,031

Footnotes:

- [1] Unless otherwise noted, amounts shown are calculated pursuant to the definitions and provisions of rate covenant pursuant to the draft of the Bond Resolution (the "Bond Resolution").
- [2] Amounts shown represent Assessments, Tipping Fees and Surcharges calculated based on the reported and forecasted customer and tonnage billing statistics applied to the adopted and/or assumed rate adjustments recognized during the Forecast Period.
- [3] Amounts shown reflect the gross electric revenues. Pursuant to the agreement with the County's contract operator for the Waste-to-Energy (the "WTE") facility, the County remits 10% of electric revenues to the operator. The remission of revenues is reported as an operating expense for the WTE facility.
- [4] Ferrous and non-ferrous revenues are shown gross, of which fifty percent (50%) is shared with the contract operator for the facility and reflected as a cost of operation.
- [5] Pursuant to the Bond Resolution, the County may recognize recycling revenues associated with shared revenues produced from operation of the Materials Recovery Facility (the "MRF").
- [6] Pursuant to the Bond Resolution, moneys deposited from / (to) the Rate Stabilization Fund may either be recognized as an increase/(reduction) to Gross Revenues for purposes of calculating compliance with the Bond Resolution. It should be noted that deposits from the Rate Stabilization (i.e., increasing Gross Revenues) may not be greater than 25% of Net Revenues (referred to as the "Rate Stabilization Amount").
- [7] Amounts shown are net of depreciation, amortization of capital costs and preparation and closures of landfill, among other things, pursuant to the definition of Operating Expenses for the Trust Indenture.
- [8] The Bond Resolution defines "Fund Balance" as "...an amount of money equal to the unencumbered moneys on deposit in the Solid Waste System Reserve Fund as of September 30 of the immediately preceding Fiscal Year. Moneys shall be considered unencumbered to the extent such moneys are unrestricted and may be used for any lawful purpose relating to the Solid Waste System."
- [9] Amounts shown reflect the accrued payments for Annual Debt Service or when the payments must be deposited to the sinking fund in advance of when the actual payment is due.