

SOLID WASTE DEPARTMENT

Department Director: Paul Sacco

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<http://www.pinellascounty.org/solidwaste/default.htm>

Department Purpose

The Department of Solid Waste administers and manages solid waste disposal services for Pinellas County citizens and businesses in a safe, sustainable, and cost-efficient manner.

Topics for Discussion

- Waste-to-Energy (WTE) service fee agreement renegotiation with Covanta may result in greater than CPI increases to Contract Services Other.
- The Board of County Commissioners is aware that, due to changes in State Law, the Power Purchase Agreement with Duke Energy will expire in December 2024, causing a sharp decrease in revenues in that fiscal year and in those following.
- Due to the pandemic, Solid Waste began requiring credit/debit payments only for tipping fee payments. This allowed the Department to eliminate armored carrier service to transport cash fee payments. This efficiency is also safer and lower risk for staff who no longer have to retrieve cash twice a day. The cashless policy is expected to continue.

Proposed Changes to User Fees for FY23

- Overall, the anticipated annual revenue impact of user fee increases for FY23 is \$3.2M, as shown in the table below. The revenue impact is shown in the first line, though it applies to all four revenue types. The revenue impact is not broken down to all revenue types due to the variable nature of the varying types of tons of waste accepted by the Department in each category.

Revenue Name & Type of Change	FY22 Adopted	FY23 Proposed	Net Revenue Impact	Reason for Change or Addition	Change in Fee
Change - Municipal Solid Waste	\$44.70	\$47.75	\$3,218,714	Per County Administrator recommendation to BCC on 4/21/22.	6.8%
Change - Commercial Waste	\$44.70	\$47.75	\$0	Per County Administrator recommendation to BCC on 4/21/22.	6.8%
Change - Yard Waste	\$44.70	\$47.75	\$0	Per County Administrator recommendation to BCC on 4/21/22.	6.8%
Change - Out-of-County Surcharge	\$44.70	\$47.75	\$0	Per County Administrator recommendation to BCC on 4/21/22.	6.8%

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Budget Summary

The FY23 Revenue Budget for DSW programs is increasing \$11.6M, or 7.6%. The three main components of this increase are Tipping Fees, Electrical Capacity, and Electricity Sales. Tipping Fees are increasing \$4.9M, or 10.9%, resulting from the recommended per-ton tipping fee increase of 6.8%. Electrical Capacity is increasing \$4.4M, or 6.4%, based on the Power Purchase Agreement with Duke Energy. Electricity Sales are increasing \$1.8M, or 19.8%, resulting from increased electricity generation at the Waste-to-Energy facility.

Additionally, the Other Miscellaneous Revenues category in the following table is increasing \$250,630 in FY23. This is the result of the sale of Renewable Energy Credits (RECs) on the open market. (More information regarding RECs is in the FY22 Accomplishments section on page 5.) The Non-Operating Revenue Sources category is increasing \$60,000 in FY23. This is a Florida Fish and Wildlife Conservation Commission (FWC) grant for deploying concrete to the offshore reef.

The FY23 Expenditure Budget for DSW (net of Reserves) is decreasing \$2.9M, or 2.4%. The main component of the decrease is Operating Expenses, which is decreasing \$2.2M, or 3.4%. The predominant driver of the decrease is in the WTE center. FY22 included \$2.0M for replacement of structural steel. The work is not able to begin until FY23, and Clerk Finance has determined that the structural steel replacement can be considered a Capital Improvement Program (CIP) project. This will be a multi-year CIP project, and the detail is included in the CIP Highlights section of this narrative and in Attachment 3.

Capital Outlay is decreasing \$681,700, or 3.6%. CIP projects (see the CIP Highlights section on page 4) are decreasing by \$866,000, or 4.6%. Capital Outlay associated with the "Operating" portion of the department is increasing by \$184,300, or 62.4%.

Personal Services is essentially flat with a slight increase of \$42,430, or 0.6%. This is a result of the full year impact of eliminating two FTE that supported the tire shredding operation (as approved by the BCC on 1/11/22).

Revenue Account	2022 Revised Budget			2023		
	General Fund	Non- General Fund	Total	General Fund	Non- General Fund	Total
Charges for Services		\$122,904,470	\$122,904,470		\$134,193,820	\$134,193,820
Other Miscellaneous Revenues		\$11,100	\$11,100		\$261,730	\$261,730
Transfers From Other Funds		\$30,000,000	\$30,000,000		\$30,000,000	\$30,000,000
Interest Earnings		\$490,120	\$490,120		\$1,353,950	\$1,353,950
Rents, Surplus and Refunds		\$9,500	\$9,500		\$9,500	\$9,500
Non-Operating Revenue Sources					\$60,000	\$60,000
Revenue Total		\$153,415,190	\$153,415,190		\$165,879,000	\$165,879,000

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	2022 Revised Budget			2023		
Expenditure Account	General Fund	Non- General Fund	Total	General Fund	Non- General Fund	Total
Personal Services		\$6,546,590	\$6,546,590		\$6,589,020	\$6,589,020
Operating Expenses		\$64,867,800	\$64,867,800		\$62,632,440	\$62,632,440
Capital Outlay		\$22,334,500	\$22,334,500		\$18,460,800	\$18,460,800
Grants and Aids		\$500,000	\$500,000		\$500,000	\$500,000
Transfers to Other Funds		\$30,000,000	\$30,000,000		\$30,000,000	\$30,000,000
Reserves		\$299,501,420	\$299,501,420		\$382,207,910	\$382,207,910
Expenditure Total		\$423,750,310	\$423,750,310		\$500,390,170	\$500,390,170
FTE		76.0	76.0		74.0	74.0

Budget Summary by Program and Fund

Recycling & Education Programs

Education and outreach for the Household Electronics and Chemical Collection Center (HEC3), mobile collections, various recycling programs, small quantity generator inspections, and reef construction.

Program	Fund	FY20 Actual	FY21 Actual	FY22 Budget	FY23 Budget
2223-Recycling & Education Programs	4021 - Solid Waste Rev & Op	\$4,607,188	\$4,229,183	\$5,519,520	\$5,450,190
	4023 - Solid Waste Renew&Replace	\$1,912,163	\$304,012	\$1,140,500	\$680,000
	Total	\$6,519,351	\$4,533,195	\$6,660,020	\$6,130,190

Site Operational Programs

Management of solid waste collection and disposal operations, facilities, and contracts, in compliance with application permits and regulations.

Program	Fund	FY20 Actual	FY21 Actual	FY22 Budget	FY23 Budget
2224-Site Operational Programs	4021 - Solid Waste Rev & Op	\$96,119,666	\$55,037,344	\$66,394,870	\$64,751,070
	4023 - Solid Waste Renew&Replace	\$8,864,285	\$18,747,997	\$21,194,000	\$17,301,000
	Total	\$104,983,951	\$73,785,341	\$87,588,870	\$82,052,070

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Transfers Program

Oversees the transfer of intra- and intergovernmental funds.

Program	Fund	FY20 Actual	FY21 Actual	FY22 Budget	FY23 Budget
1009-Transfers Program	4021 - Solid Waste Rev & Op	\$0	\$30,000,000	\$30,000,000	\$30,000,000
	Total	\$0	\$30,000,000	\$30,000,000	\$30,000,000

Emergency Events

Expenditures incurred during a disaster event to allow for accurate tracking of those expenses in support of reimbursement of eligible expenditures from the Federal Emergency Management Agency's (FEMA) Public Assistance Grant Program or other funding sources, as applicable.

Program	Fund	FY20 Actual	FY21 Actual	FY22 Budget	FY23 Budget
1123-Emergency Events	4021 - Solid Waste Rev & Op	(\$78,381)	\$27,858	\$0	\$0
	Total	(\$78,381)	\$27,858	\$0	\$0

Reserves Program

Oversees the management and allocation of the County's financial reserves.

Program	Fund	FY20 Actual	FY21 Actual	FY22 Budget	FY23 Budget
1008-Reserves Program	4021 - Solid Waste Rev & Op	\$0	\$0	\$185,676,170	\$248,266,440
	4023 - Solid Waste Renew&Replace	\$0	\$0	\$113,825,250	\$133,941,470
	Total	\$0	\$0	\$299,501,420	\$382,207,910

FY22 Accomplishments

- Staff has determined the reuse of WTE ash residue as block construction materials to erect nearly vertical side slopes on the active landfill to be non-economical. While the technical solution is possible, the existing side slope foundation is not physically suitable to support vertical wall construction. The cost to redesign and construct new foundations is not justified and would also introduce physical transportation constraints on-site. However, this technology is a very good candidate for future landfill section construction (east of 28th St. N.) and will be included in the plan at that time.
- State leader in recycling for the sixth consecutive year.
- Ferrous Metals Cleaning Operations moved from Pasco County to Pinellas County. Project result is an annual increase in recovered metals revenue of approximately \$125,000 and a guaranteed annual host fee of \$150,000.
- Began selling Renewal Energy Credits (RECs) on the open market. Each MWH generated by the Waste to Energy Facility equals 1 credit. RECs from 2019 through December 2021 have been sold. At the onset, the

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forecasted RECs purchase price was \$0.25 - \$0.35. The most recent credits sold for \$0.65 each. In FY22, the sale of RECs total under \$500,000.

- The Industrial Water Treatment Facility (IWTF) flow capacity has been increased by almost 200% with the transition to ferric sulfate as a coagulant, chloramines at the reverse osmosis (RO) membranes, and added RO membrane backwash capability. The FY23 CIP projects for new intake pumps and new clarifier tank will further increase flow capacity and create a level of redundancy to mitigate non-compliant discharges.

Performance Measures

Performance Measure	Unit of Measure	FY20 Actual	FY21 Actual	FY22 Budget	FY23 Budget
Waste-To-Energy Availability	Percentage	86.9%	85.3%	85.0%	85.0%
Traditional Recycling Rate (as reported to FDEP, not including combustion credit)	Percentage	50.6%	51.3%	Monitoring	Monitoring
Projected life of the landfill (years remaining)	Years	79	76	82	82
Contamination Rate for Countywide Recycling (biennial)	Percentage	19.0%	N/A	Monitoring	N/A
Business Waste Assessment Return to Compliance Rate	Percentage	28.8%	39.0%	50%	50%

Work Plan

- Determine Feasibility for a Publicly-Owned Materials Recycling Facility (MRF) in FY23
- Cease Electronics Recycling and Shift to Electronics Incineration in FY23

CAPITAL IMPROVEMENT PROGRAM (CIP)

Solid Waste CIP projects are comprised of two different programs: Recycling & Education Programs and Site Operational Programs. Most projects are budgeted in the Site Operational program. There are no projects budgeted past FY23 in the Recycling & Education program.

The Current Approved Six Year Plan (FY21 Estimate, FY22 Adopted, FY23-FY27 Planned):

- Recycling & Education Program: \$1.2M
- Site Operational Program: \$182.6M

The Proposed Six Year Plan (FY22 Estimate, FY23 Proposed, FY24-FY28 Planned):

- Recycling & Education Program: \$1.0M

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- Site Operational Program: \$191.0M

Amounts do not include Reserves.

The proposed CIP Six-Year Plan includes increased funding requests and several new projects (The Project Budget Details for Solid Waste start on page 15). The proposed CIP is balanced throughout the forecasted Plan.

Projects' budgets that have increased \$250,000 and 15% more than the current Plan require a justification and description. Considering the inflated construction and materials costs, there are several projects that required the justification. Each justification includes an explanation of whether the increase was due to increase in construction costs, materials (and time to get materials) or if there was change in scope (including new recommendation/redesign). The increased funding has been included in the Proposed Plan for the respective project.

The Proposed Plan also includes new project requests. The new project requests go through the CIP Project Portfolio Management (PPM) process to ensure coordination across our departments and to review funding availability. The CIP Coordinating Committee (staff level) reviewed on April 11. The CIP Action Team (Director level) reviewed on April 25. The CIP Governance Committee (Co. Admin. level) reviewed on May 16. The new project requests have been incorporated into the proposed CIP. The new project request information is provided for transparency on what has been added to the Plan.

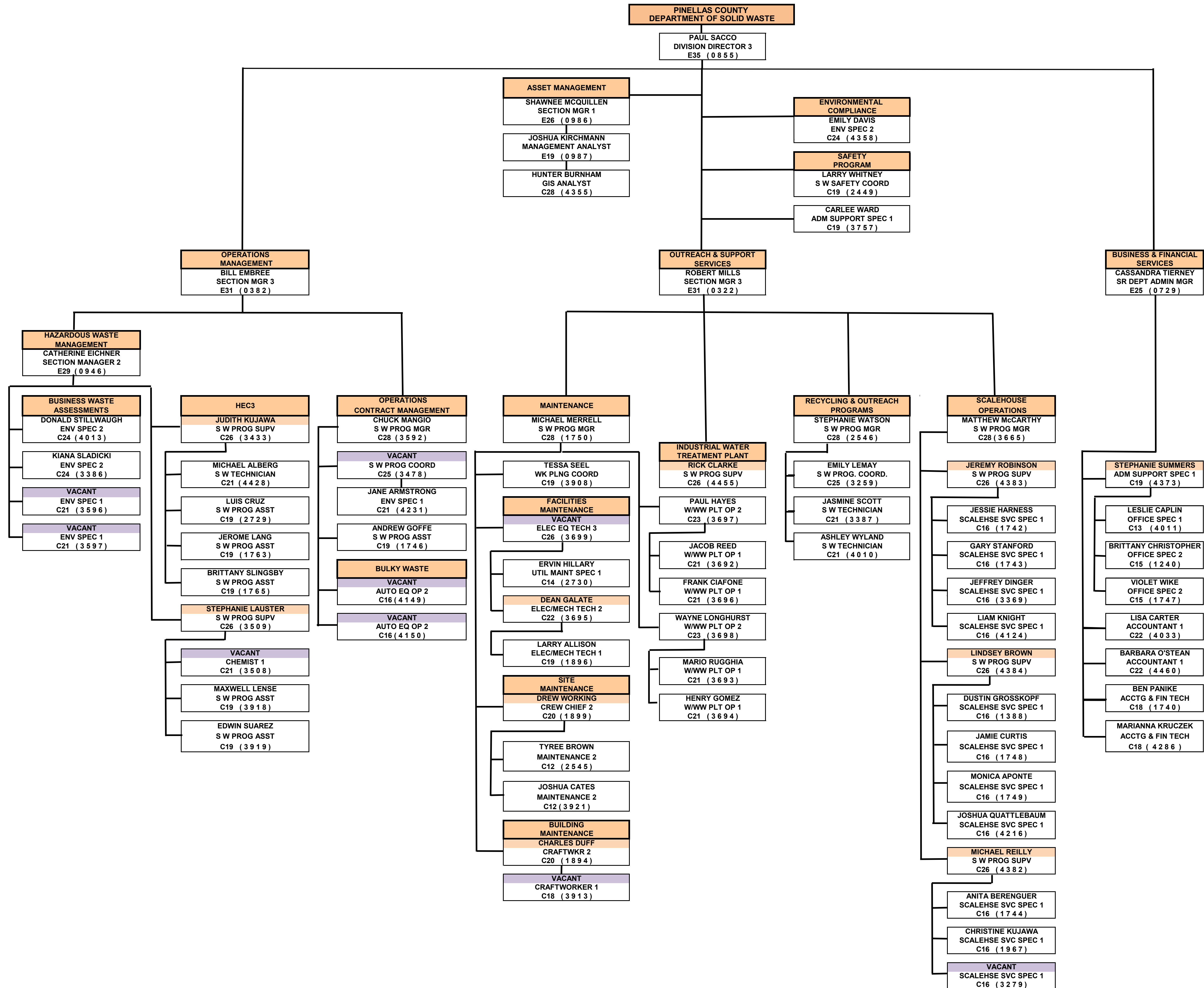
The increased funding and new project requests start on page 19.

PROJECTS TO BE COMPLETED THIS YEAR FY22 (not all inclusive):

- 004917A Waste to Energy B101, B102, B103 Pass Primary Superheater Tube Replacement- Replacement of the 3rd Primary #2 superheater tubes in boilers 1, 2, and 3. Replacing these boiler tubes is necessary to ensure continued reliable operation of the Waste to Energy Plant.
- 001112A Sedimentation Control at Bridgeway Acres Landfill- Improvements to the water management plan at the Bridgeway Acres site.

Attachments:

1. Organizational Chart – page 7
2. Budget Reports
 - a. Department roll-up – page 8
 - b. By Fund – pages 9-10
 - c. Revenues – page 11
3. User Fees – page 12
4. Funds Forecast – pages 13-14
5. CIP reports – pages 15-20
6. Lealman Solid Waste - pages 21-24



Pinellas County
Standard Detail
Department: Solid Waste
Version: County Admin Review

Expenditures

Major Object	FY19 Actual	FY20 Actual	FY21 Actual	FY22 Budget	FY22 Estimate	FY23 Request	Budget to Budget Change	Budget to Budget % Change
Personal Services	5,645,823	5,878,241	6,004,149	6,546,590	6,036,811	6,589,020	42,430	0.65%
Operating Expenses	65,045,108	58,601,219	56,197,864	64,867,800	59,617,495	62,618,000	(2,249,800)	-3.47%
Capital Outlay	34,963,223	11,441,154	16,392,974	19,142,500	17,900,228	22,960,800	3,818,300	19.95%
Grants and Aids	497,342	499,979	499,976	500,000	500,000	500,000	0	0.00%
Transfers to Other Funds	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	0	0.00%
Reserves	0	0	0	299,501,420	0	382,222,350	82,720,930	27.62%
Expenditures Total	136,151,495	106,420,593	109,094,962	420,558,310	114,054,534	504,890,170	84,331,860	20.05%
	(136,151,495)	(106,420,593)	(109,094,962)	(420,558,310)	(114,054,534)	(504,890,170)	(84,331,860)	-20.05%

Pinellas County
Standard Detail
Fund: 4023 - Solid Waste Renew&Replace
Version: County Admin Review

Expenditures

Major Object	FY19 Actual	FY20 Actual	FY21 Actual	FY22 Budget	FY22 Estimate	FY23 Request	Budget to Budget Change	Budget to Budget % Change
Operating Expenses	0	0	58,898	0	0	0	0	0.00%
Capital Outlay	34,933,267	11,441,154	16,392,974	19,142,500	17,765,503	22,481,000	3,338,500	17.44%
Reserves	0	0	0	113,825,250	0	133,941,470	20,116,220	17.67%
Expenditures Total	34,933,267	11,441,154	16,451,872	132,967,750	17,765,503	156,422,470	23,454,720	17.64%
	(34,933,267)	(11,441,154)	(16,451,872)	(132,967,750)	(17,765,503)	(156,422,470)	(23,454,720)	-17.64%

Pinellas County
Standard Detail
Fund: 4021 - Solid Waste Rev & Op
Version: County Admin Review

Expenditures

Major Object	FY19 Actual	FY20 Actual	FY21 Actual	FY22 Budget	FY22 Estimate	FY23 Request	Budget to Budget Change	Budget to Budget % Change
Personal Services	5,645,823	5,878,241	6,004,149	6,546,590	6,036,811	6,589,020	42,430	0.65%
Operating Expenses	65,045,108	58,601,219	56,138,965	64,867,800	59,617,495	62,618,000	(2,249,800)	-3.47%
Capital Outlay	29,956	0	0	0	134,725	479,800	479,800	100.00%
Grants and Aids	497,342	499,979	499,976	500,000	500,000	500,000	0	0.00%
Transfers to Other Funds	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	0	0.00%
Reserves	0	0	0	185,676,170	0	248,280,880	62,604,710	33.72%
Expenditures Total	101,218,229	94,979,439	92,643,090	287,590,560	96,289,031	348,467,700	60,877,140	21.17%
	(101,218,229)	(94,979,439)	(92,643,090)	(287,590,560)	(96,289,031)	(348,467,700)	(60,877,140)	-21.17%

Pinellas County
Standard Detail
Department: Balance Sheet and Revenue Centers
Version: County Admin Review

Revenues

Major Object	FY19 Actual	FY20 Actual	FY21 Actual	FY22 Budget	FY22 Estimate	FY23 Request	Budget to Budget Change	Budget to Budget % Change
Intergovernmental Revenue	165,478	59,423	1,472,857	0	0	0	0	0.00%
Charges for Services	107,997,579	111,682,972	123,885,628	122,904,470	129,779,573	134,193,820	11,289,350	9.19%
Interest Earnings	5,864,765	4,880,646	184,742	490,120	1,425,214	1,353,950	863,830	176.25%
Rents, Surplus and Refunds	15,729	10,550	352,514	9,500	560	9,500	0	0.00%
Other Miscellaneous Revenues	37,386	327,687	24,288	11,100	511,480	261,730	250,630	2257.93%
Transfers From Other Funds	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	0	0.00%
Non-Operating Revenue Sources	101,708	(3,343)	0	0	0	60,000	60,000	100.00%
Revenues Total	144,182,646	146,957,933	155,920,029	153,415,190	161,716,827	165,879,000	12,463,810	8.12%

Solid Waste	FY22 Adopted	FY23 Adopted
I. Scalehouse I-A. Radio Frequency* Window Sticker I-B. Radio Frequency* Transponder I-C. Proximity Cards** * Transponders and window stickers used for automated lanes at the Scalehouse; charge for initial issuance and replacement of lost transponder only. Replacement of non-functioning units at no charge. ** Proximity Cards - Pre-Programmed Destination Cards for Scalehouse II. Disposal (Tipping) Fees (per ton) II-A. Municipal Solid Waste II-B. Commercial Waste II-C. Yard Waste II-D. Mulch Rebate II-E. Whole Tires (loads containing 5 or more tires are not eligible for flat rate) II-F. Passenger Vehicle Flat Rate II-G. Unmodified Pickup Trucks and Vans Flat Rate II-H. Christmas Trees only (up to 5 trees, no decorations) II-I. Out-of-County Surcharge (per ton) to be added to current tipping fee for Municipal Solid Waste, Commercial Waste, Yard Waste, and Whole Tires) III. Special Fees III-A. Contractor Surcharge (in addition to per ton charge) III-B. Special Handling Services Fee (in addition to per ton charge) III-C. Fee Waiver (authorized by BCC to allow the County Administrator to modify fees for vehicles designated by Solid Waste in such instances as pilot programs, emergencies, or disposal situations requiring immediate action to protect the health, safety, and welfare of public or for regulatory compliance) III-D. Required Deposit*** *** Percentage of total loaded vehicle weight IV. Collection IV-A. Annual Hauler License Fee IV-B. Franchise Collection Fee per month (Lealman)	\$18.00 \$35.00 \$5.00 \$44.70 \$44.70 \$44.70 \$0.00 \$125.00 \$4.00 \$11.00 \$3.00 \$44.70 \$100.00 \$110.00 \$0.00 35% \$300.00 \$16.00	\$18.00 \$35.00 \$5.00 \$125.00 \$4.00 \$11.00 \$3.00 \$47.75 \$100.00 \$110.00 \$0.00 35% \$300.00 \$16.00

SOLID WASTE FUNDS FORECAST

Fund 4021 & 4023

Forecast Assumptions	FY24	FY25	FY26	FY27	FY28
REVENUES					
Tipping Fees	0.0%	0.0%	0.0%	0.0%	0.0%
Electricity Sales	0.0%	0.0%	0.0%	0.0%	0.0%
Electrical Capacity	6.4%	-64.9%	-63.1%	0.0%	0.0%
Recycling Revenue	0.0%	0.0%	0.0%	0.0%	0.0%
Interest	0.3%	0.8%	1.3%	1.8%	2.3%
Other revenues	0.0%	0.0%	0.0%	0.0%	0.0%
EXPENDITURES					
Personal Services	3.1%	3.1%	3.1%	3.1%	3.1%
Operating Expenses	2.8%	2.8%	2.8%	2.8%	2.8%
WTE Service Fee	2.8%	2.8%	2.8%	2.8%	2.8%
Landfill Service Fee	2.8%	2.8%	2.8%	2.8%	2.8%
Grants & Aids	0.0%	0.0%	0.0%	0.0%	0.0%
Projected Economic Conditions / Indicators:					
Consumer Price Index, % change	2.8%	2.8%	2.8%	2.8%	2.8%
FL Per Capita Personal Income Growth	1.4%	1.8%	1.5%	1.2%	0.8%

SOLID WASTE FUNDS FORECAST
Fund 4021 & 4023

(in \$ thousands)

	Actual FY21	Amended FY22	Estimated FY22	Requested FY23	FORECAST					
					Estimated FY23	Estimated FY24	Estimated FY25	Estimated FY26	Estimated FY27	Estimated FY28
BEGINNING FUND BALANCE	242,091.1	271,080.3	288,262.6	335,261.3	335,261.3	382,207.9	430,661.1	411,238.3	373,999.9	337,730.4
REVENUES										
Tipping Fees	46,660.9	45,078.9	49,403.0	49,990.6	52,621.7	49,990.6	49,990.6	49,990.6	49,990.6	49,990.6
Electricity Sales	11,398.5	8,896.6	11,163.1	10,658.0	11,218.9	10,658.0	8,364.5	7,600.0	7,600.0	7,600.0
Electrical Capacity	64,277.5	68,372.4	68,372.4	72,728.3	72,728.3	77,361.8	27,134.4	10,000.0	10,000.0	10,000.0
Recycling Revenue	1,429.8	550.6	784.7	796.7	838.6	796.7	796.7	796.7	796.7	796.7
Enhanced Metals/Ash Cleaning	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,000.0	3,000.0
Interest	2,130.2	490.1	1,425.2	1,354.0	1,425.2	1,146.6	3,445.3	5,346.1	6,732.0	7,767.8
Other Revenues	(1,449.8)	26.6	568.5	291.6	306.9	291.6	291.6	291.6	291.6	291.6
Reimbursement - Irma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Grants (e.g. Artificial Reef, JPA with FDOT, etc.)	1,472.9	0.0	0.0	60.0	63.2	0.0	0.0	0.0	0.0	0.0
TOTAL REVENUES *	125,920.0	123,415.2	131,716.8	135,879.0	139,202.7	140,245.2	90,023.1	74,024.9	78,410.8	79,446.6
% vs prior year		-2.0%	4.6%	3.2%	5.7%	3.2%	-35.8%	-17.8%	5.9%	1.3%
TOTAL RESOURCES	368,011.1	394,495.5	419,979.5	471,140.3	474,464.0	522,453.1	520,684.2	485,263.3	452,410.7	417,177.0
EXPENDITURES										
Personal Services	6,490.4	7,006.2	6,481.8	7,061.8	7,061.8	7,279.0	7,503.1	7,734.2	7,972.5	8,218.4
Operating Expenses	9,312.3	15,691.6	11,783.4	14,696.8	14,696.8	15,108.3	15,531.3	15,966.2	16,413.3	16,872.8
WTE Contract Services	29,657.0	30,507.6	29,096.4	27,589.7	27,589.7	28,362.2	29,156.3	29,972.7	30,811.9	31,674.6
Landfill Contract Services	11,827.2	12,749.2	12,817.7	13,867.5	13,867.5	14,255.8	14,655.0	15,065.3	15,487.1	15,920.8
Grants & Aids	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0
Cost Allocations	5,568.7	6,204.9	6,138.7	6,755.8	6,755.8	6,945.0	7,139.4	7,339.3	7,544.8	7,756.1
Capital Equipment	158.7	295.5	233.2	479.8	479.8	435.7	435.7	435.7	435.7	435.7
Capital Outlay	16,234.3	22,039.0	17,667.0	17,981.0	17,981.0	18,906.0	34,525.0	34,250.0	35,515.0	17,700.0
TOTAL EXPENDITURES	79,748.5	94,994.1	84,718.2	88,932.4	88,932.4	91,792.0	109,445.8	111,263.4	114,680.4	99,078.4
% vs prior year		19.1%	6.2%	5.0%	5.0%	3.2%	19.2%	1.7%	3.1%	-13.6%
TOTAL ENDING FUND BALANCE	288,262.6	299,501.4	335,261.3	382,207.9	385,531.6	430,661.1	411,238.3	373,999.9	337,730.4	318,098.6
Ending balance as % of Revenue	228.9%	242.7%	254.5%	281.3%	277.0%	307.1%	456.8%	505.2%	430.7%	400.4%
TOTAL REQUIREMENTS **	368,011.1	394,495.5	419,979.5	471,140.3	474,464.0	522,453.1	520,684.2	485,263.3	452,410.7	417,177.0
REVENUE minus EXPENDITURES (NOT cumulative)	46,171.5	28,421.1	46,998.6	46,946.6	50,270.4	48,453.2	(19,422.8)	(37,238.5)	(36,269.5)	(19,631.8)

* Revenues reflect the combined impact of changes in rates and/or levels of consumption.

** Total Requirements do not include OPEB annual expense or OPEB cumulative liability as reflected in GAAP financial statements. These amounts are shown below.

OPEB annual expense	(248.8)	(248.8)	(248.8)	(257.2)	(257.2)	(265.2)	(273.3)	(281.7)	(290.4)	(299.4)
OPEB cumulative (long-term liability)	7,308.3	7,059.6	7,059.6	6,802.3	6,802.3	6,537.1	6,263.8	5,982.1	5,691.7	5,392.3

Solid Waste Budget Detail

Project Number & Name	Description	Funding Source	Task	Amended FY2022 Budget	FY2022 Estimate	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Estimate Plus Proposed Budget Years
000731A - Pavement Replacement Program	Rehabilitation and replacement of internal roads as needed.	SWT-Solid Waste Trust Funds	030.30-Constr Site Ops	\$ 1,350,000	\$ 1,350,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 4,350,000
000731A - Pavement Replacement Program Total				\$ 1,350,000	\$ 1,350,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 4,350,000
000748A - Side Slope Closures	Begin closure activities for Bridgeway Acres (BWA) landfill for areas that have reached final elevation on side slopes.	SWT-Solid Waste Trust Funds	020.31-Design Landfill	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000	\$ -	\$ 800,000
000748A - Side Slope Closures	Begin closure activities for Bridgeway Acres (BWA) landfill for areas that have reached final elevation on side slopes.	SWT-Solid Waste Trust Funds	030.31-Constr Landfill	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,600,000	\$ 3,600,000	\$ -	\$ 7,200,000
000748A - Side Slope Closures Total				\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000	\$ 4,000,000	\$ -	\$ 8,000,000
000752A - Bridgeway Acres (BWA) Landfill - Miscellaneous	Rehabilitation and replacement of operational infrastructure at Bridgeway Acres Landfill.	SWT-Solid Waste Trust Funds	020.30-Design Site Ops	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 700,000
000752A - Bridgeway Acres (BWA) Landfill - Miscellaneous	Rehabilitation and replacement of operational infrastructure at Bridgeway Acres Landfill.	SWT-Solid Waste Trust Funds	030.30-Constr Site Ops	\$ 1,200,000	\$ 1,200,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 6,600,000
000752A - Bridgeway Acres (BWA) Landfill - Miscellaneous Total				\$ 1,300,000	\$ 1,300,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 7,300,000
000752B - Bridgeway Acres Class 1 Landfill Ditch Slope Reconstruction	Reconstruct section of failed existing drainage ditch slope and rehabilitate existing slope protection liner.	SWT-Solid Waste Trust Funds	030.31-Construction	\$ 1,895,000	\$ 1,895,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,095,000
000752B - Bridgeway Acres Class 1 Landfill Ditch Slope Reconstruction Total				\$ 1,895,000	\$ 1,895,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,095,000
000842A - Replace Scales	Anticipated replacement of scales due to heavy use.	SWT-Solid Waste Trust Funds	030.30-Constr Site Ops	\$ 2,959,000	\$ 959,000	\$ 5,631,000	\$ 2,300,000	\$ 2,000,000	\$ -	\$ -	\$ -	\$ 10,890,000
000842A - Replace Scales Total				\$ 2,959,000	\$ 959,000	\$ 5,631,000	\$ 2,300,000	\$ 2,000,000	\$ -	\$ -	\$ -	\$ 10,890,000
000853A - Air Pollution Controls Technical Recovery Program	Replacement of Waste-To-Energy (WTE) air pollution control systems that were not in Acceptable Operating Condition when the WTE Contract was awarded as part of the Technical Recovery Program.	SWT-Solid Waste Trust Funds	030.32-Constr WTE	\$ -	\$ 835,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 835,000
000853A - Air Pollution Controls Technical Recovery Program Total				\$ -	\$ 835,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 835,000
000854A - Waste-to-Energy (WTE) Discretionary/Force Majeure Work	Upgrades to Waste-to-Energy (WTE) structures and equipment resulting from changes in law or to improve performance or environmental compliance.	SWT-Solid Waste Trust Funds	030.32-Constr WTE	\$ 450,000	\$ 450,000	\$ 580,000	\$ 750,000	\$ 400,000	\$ -	\$ -	\$ -	\$ 2,180,000
000854A - Waste-to-Energy (WTE) Discretionary/Force Majeure Work Total				\$ 450,000	\$ 450,000	\$ 580,000	\$ 750,000	\$ 400,000	\$ -	\$ -	\$ -	\$ 2,180,000
001057A - General Upgrades to Supervisory Control and Data Acquisition (SCADA)	Annual program to upgrade technology and equipment in support of the utility SCADA system.	SWT-Solid Waste Trust Funds	030.30-Constr Site Ops	\$ 43,000	\$ 52,000	\$ 10,000	\$ 56,000	\$ -	\$ -	\$ 15,000	\$ -	\$ 133,000
001057A - General Upgrades to Supervisory Control and Data Acquisition (SCADA) Total				\$ 43,000	\$ 52,000	\$ 10,000	\$ 56,000	\$ -	\$ -	\$ 15,000	\$ -	\$ 133,000
001059A - Electrical Systems Technical Recovery Program	Replacement of Waste-To-Energy (WTE) electrical systems that were not in Acceptable Operating Condition when the WTE contract was awarded as part of the Technical Recovery Program.	SWT-Solid Waste Trust Funds	030.32-Constr WTE	\$ -	\$ 152,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 152,000
001059A - Electrical Systems Technical Recovery Program Total				\$ -	\$ 152,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 152,000
001111A - Landfill Perimeter Buffer Project	Vegetation screening of operations and site enhancement for public benefit.	SWT-Solid Waste Trust Funds	030.30-Constr Site Ops	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
001111A - Landfill Perimeter Buffer				\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
001112A - Sedimentation Control at Bridgeway Acres (BWA) Landfill	Improvements to the water management plan at the Bridgeway Acres site.	SWT-Solid Waste Trust Funds	030.30-Constr Site Ops	\$ 28,000	\$ 28,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,000
001112A - Sedimentation Control at Bridgeway Acres (BWA) Landfill Total				\$ 28,000	\$ 28,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,000

Solid Waste Budget Detail

Project Number & Name	Description	Funding Source	Task	Amended FY2022 Budget	FY2022 Estimate	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Estimate Plus Proposed Budget Years
001593A - Mechanical Systems Technical Recovery Program	Repair and replacement of Waste-To-Energy (WTE) mechanical systems that were not in Acceptable Operating Condition when the WTE Contract was awarded as part of the Technical Recovery Program.	SWT-Solid Waste Trust Funds	030.32-Constr WTE	\$ -	\$ 623,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 623,000
001593A - Mechanical Systems Technical Recovery Program Total				\$ -	\$ 623,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 623,000
002135A - Stoker, Grates, Boilers and Combustion Control Technical Recovery Program	Repair and replacement of Waste-To-Energy (WTE) stoker, grates, boiler tubes and combustion control systems that were not in Acceptable Operating Condition when the WTE contract was awarded as part of the Technical Recovery Program.	SWT-Solid Waste Trust Funds	030.32-Constr WTE	\$ -	\$ 1,010,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,010,000
002135A - Stoker, Grates, Boilers and Combustion Control Technical Recovery Program Total				\$ -	\$ 1,010,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,010,000
002136A - Turbine Generator Technical Recovery Program	Repair and replacement of Waste-To-Energy (WTE) turbine generator systems that were not in Acceptable Operating Condition when the WTE contract was awarded as part of the Technical Recovery Program.	SWT-Solid Waste Trust Funds	030.32-Constr WTE	\$ -	\$ 313,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 313,000
002136A - Turbine Generator Technical Recovery Program Total				\$ -	\$ 313,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 313,000
002137A - Instrumentation and Controls Technical Recovery Program	Repair and replacement of Waste-To-Energy (WTE) instrumentation and control systems that were not in Acceptable Operating Condition when the WTE contract was awarded as part of the Technical Recovery Program.	SWT-Solid Waste Trust Funds	030.32-Constr WTE	\$ -	\$ 266,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 266,000
002137A - Instrumentation and Controls Technical Recovery Program Total				\$ -	\$ 266,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 266,000
002423A - Industrial Waste Treatment Facility Improvements	Evaluation of biological fouling. This includes phase II for new pond A intake and improvements to reverse osmosis feed tank and chemical injection.	SWT-Solid Waste Trust Funds	030.30-Constr Site Ops	\$ 1,734,000	\$ 1,734,000	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,434,000
002423A - Industrial Waste Treatment Facility Improvements Total				\$ 1,734,000	\$ 1,734,000	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,434,000
002585A - Recycling Center Expansion Projects	Design appropriately size slab and ingress/egress modifications to facilitate the container pickup and placement for four containers slots.	SWT-Solid Waste Trust Funds	030.33-Constr Waste Red	\$ 415,000	\$ 50,000	\$ 365,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 415,000
002585A - Recycling Center Expansion Projects Total				\$ 415,000	\$ 50,000	\$ 365,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 415,000
002586A - Visitor Information Kiosks and Claw Monument	Engineering design of bucket mounting system and mounting bucket. Layout, concept, and construct Kiosks.	SWT-Solid Waste Trust Funds	030.33-Constr Waste Red	\$ 630,000	\$ 315,000	\$ 315,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 630,000
002586A - Visitor Information Kiosks and Claw Monument Total				\$ 630,000	\$ 315,000	\$ 315,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 630,000
003346A - New Scale Lane	Create additional outbound scale lane to weigh outbound vehicles.	SWT-Solid Waste Trust Funds	020.30-Design Site Ops	\$ -	\$ 35,000	\$ 100,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 335,000
003346A - New Scale Lane	Create additional outbound scale lane to weigh outbound vehicles.	SWT-Solid Waste Trust Funds	030.30-Constr Site Ops	\$ 35,000	\$ -	\$ -	\$ -	\$ 700,000	\$ -	\$ -	\$ -	\$ 700,000
003346A - New Scale Lane Total				\$ 35,000	\$ 35,000	\$ 100,000	\$ 200,000	\$ 700,000	\$ -	\$ -	\$ -	\$ 1,035,000
003347A - Industrial Waste Treatment Facility Clarifier	Replacement of the Industrial Waste Treatment Facility clarifier.	SWT-Solid Waste Trust Funds	030.30-Constr Site Ops	\$ 9,150,000	\$ 4,000,000	\$ 5,150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,150,000
003347A - Industrial Waste Treatment Facility Clarifier Total				\$ 9,150,000	\$ 4,000,000	\$ 5,150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,150,000
003350A - New Canopy at Solid Waste Scale House	Replace existing canopy over the scales and booths.	SWT-Solid Waste Trust Funds	020.30-Design Site Ops	\$ -	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000
003350A - New Canopy at Solid Waste Scale House	Replace existing canopy over the scales and booths.	SWT-Solid Waste Trust Funds	030.30-Constr Site Ops	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000	\$ -	\$ -	\$ -	\$ 3,500,000
003350A - New Canopy at Solid Waste Scale House Total				\$ -	\$ -	\$ -	\$ 350,000	\$ 3,500,000	\$ -	\$ -	\$ -	\$ 3,850,000

Solid Waste Budget Detail

Project Number & Name	Description	Funding Source	Task	Amended FY2022 Budget	FY2022 Estimate	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Estimate Plus Proposed Budget Years
003363A - Sod Farm Slurry Wall	Reconstruct sod farm slurry wall.	SWT-Solid Waste Trust Funds	020.31-Design Landfill	\$ -	\$ -	\$ 300,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	700,000
003363A - Sod Farm Slurry Wall	Reconstruct sod farm slurry wall.	SWT-Solid Waste Trust Funds	030.31-Constr Landfill	\$ -	\$ -	\$ -	\$ 6,000,000	\$ 6,000,000	\$ -	\$ -	\$ -	12,000,000
003363A - Sod Farm Slurry Wall Total				\$ -	\$ -	\$ 300,000	\$ 6,400,000	\$ 6,000,000	\$ -	\$ -	\$ -	\$ 12,700,000
004915A - Waste to Energy Enhanced Metals Recovery	Application of enhanced technology for Metals Recovery from Waste to Energy combustion ash residue.	SWT-Solid Waste Trust Funds	020.30-Design Site Ops	\$ -	\$ -	\$ 2,000,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	2,250,000
004915A - Waste to Energy Enhanced Metals Recovery	Application of enhanced technology for Metals Recovery from Waste to Energy combustion ash residue.	SWT-Solid Waste Trust Funds	030.30-Constr. Site Ops	\$ -	\$ -	\$ -	\$ 2,000,000	\$ 9,000,000	\$ 6,750,000	\$ -	\$ -	17,750,000
004915A - Waste to Energy Enhanced Metals Recovery Total				\$ -	\$ -	\$ 2,000,000	\$ 2,250,000	\$ 9,000,000	\$ 6,750,000	\$ -	\$ -	\$ 20,000,000
004916A - Solid Waste On Site Net Metering	Project to route renewable energy generated by Waste to Energy Plant to existing retail power meters on Solid Waste Campus.	SWT-Solid Waste Trust Funds	020.30-Design Site Ops	\$ -	\$ -	\$ 850,000	\$ -	\$ -	\$ -	\$ -	\$ -	850,000
004916A - Solid Waste On Site Net Metering	Project to route renewable energy generated by Waste to Energy Plant to existing retail power meters on Solid Waste Campus.	SWT-Solid Waste Trust Funds	030.30-Constr. Site Ops	\$ -	\$ -	\$ -	\$ 2,275,000	\$ 5,750,000	\$ -	\$ -	\$ -	8,025,000
004916A - Solid Waste On Site Net				\$ -	\$ -	\$ 850,000	\$ 2,275,000	\$ 5,750,000	\$ -	\$ -	\$ -	\$ 8,875,000
004917A - Waste to Energy B101, B102, B103 Pass Primary Superheater Tubes Replacement	Replacement of the 3rd Primary #2 superheater tubes in boilers 1,2,and 3. Replacing these boiler tubes is necessary to ensure continued reliable operation of the Waste to Energy Plant.	SWT-Solid Waste Trust Funds	030.30-Constr. Site Ops	\$ 1,800,000	\$ 2,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,300,000
004917A - Waste to Energy B101, B102, B103 Pass Primary Superheater Tubes Replacement Total				\$ 1,800,000	\$ 2,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,300,000
004918A - Organics Processing Facility	Design, permit, and construct a facility to process organic waste materials into marketable products and renewable energy.	SWT-Solid Waste Trust Funds	020.30-Design Site Ops	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	900,000
004918A - Organics Processing Facility	Design, permit, and construct a facility to process organic waste materials into marketable products and renewable energy.	SWT-Solid Waste Trust Funds	030.30-Constr. Site Ops	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	8,400,000
004918A - Organics Processing Facility				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,300,000
004920A - Solar Floating Array at Solid Waste	Design and construction of a floating solar panel generating facility to be installed on portions of Pond A.	SWT-Solid Waste Trust Funds	020.30-Design Site Ops	\$ -	\$ -	\$ 280,000	\$ 500,000	\$ 800,000	\$ -	\$ -	\$ -	1,580,000
004920A - Solar Floating Array at Solid Waste	Design and construction of a floating solar panel generating facility to be installed on portions of Pond A.	SWT-Solid Waste Trust Funds	030.30-Constr. Site Ops	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 6,000,000	\$ -	\$ -	9,000,000
004920A - Solar Floating Array at Solid				\$ -	\$ -	\$ 280,000	\$ 500,000	\$ 3,800,000	\$ 6,000,000	\$ -	\$ -	\$ 10,580,000
004921A - Solar Panel Closed Side Slopes at Solid Waste	Design and installation of solar panels for renewable energy generation on top of portions of closed side slopes of the landfill.	SWT-Solid Waste Trust Funds	020.30-Design Site Ops	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	1,500,000
004921A - Solar Panel Closed Side Slopes at Solid Waste	Design and installation of solar panels for renewable energy generation on top of portions of closed side slopes of the landfill.	SWT-Solid Waste Trust Funds	030.30-Constr. Site Ops	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	15,000,000
004921A - Solar Panel Closed Side Slopes at Solid Waste Total				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 16,500,000
004922A - Bulky Waste Processing Station at Solid Waste	Design and construction of a facility to process bulky portions of the MSW Waste stream to allow acceptance into the WTE facility.	SWT-Solid Waste Trust Funds	020.30-Design Site Ops	\$ -	\$ -	\$ -	\$ 2,250,000	\$ 750,000	\$ -	\$ -	\$ -	3,000,000
004922A - Bulky Waste Processing Station at Solid Waste	Design and construction of a facility to process bulky portions of the MSW Waste stream to allow acceptance into the WTE facility.	SWT-Solid Waste Trust Funds	030.30-Constr. Site Ops	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000,000	\$ 30,000,000	\$ 15,000,000	60,000,000
004922A - Bulky Waste Processing Station at Solid Waste Total				\$ -	\$ -	\$ -	\$ 2,250,000	\$ 750,000	\$ 15,000,000	\$ 30,000,000	\$ 15,000,000	\$ 63,000,000

Solid Waste Budget Detail

Project Number & Name	Description	Funding Source	Task	Amended FY2022 Budget	FY2022 Estimate	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Estimate Plus Proposed Budget Years
004923A - Traffic Improvements at Solid Waste Facility	Design engineering and construction of site roads to accomodate new Master Plan project facilities and improve efficient and safe traffic flow.	SWT-Solid Waste Trust Funds	020.30-Design Site Ops	\$ -	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000
004923A - Traffic Improvements at Solid Waste Facility	Design engineering and construction of site roads to accomodate new Master Plan project facilities and improve efficient and safe traffic flow.	SWT-Solid Waste Trust Funds	030.30-Constr. Site Ops	\$ -	\$ -	\$ -	\$ -	\$ 1,125,000	\$ 1,000,000	\$ -	\$ -	\$ 2,125,000
004923A - Traffic Improvements at Solid Waste Facility Total				\$ -	\$ -	\$ -	\$ 75,000	\$ 1,125,000	\$ 1,000,000	\$ -	\$ -	\$ 2,200,000
005212A - Waste to Energy Biomedical Waste Acceptance Modifications	Modifications to the Waste to Energy tipping floor to install a separate hopper and feed system that will take segregated biomedical waste and deposit it directly into the boiler feed chutes.	SWT-Solid Waste Trust Funds	030.32-Constr. WTE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,500,000
005212A - Waste to Energy Biomedical Waste Acceptance Modifications Total				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,500,000
005213A - Solid Waste Class 1 Litter Fence and Deodorizing Mister System	Design and installation of a litter fence and deodorizing misting system along the west side of the active Class 1 landfill to contain windblown litter and a misting system designed to neutralize landfill odors.	SWT-Solid Waste Trust Funds	030.31-Constr. Landfill	\$ -	\$ -	\$ 200,000	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ 2,200,000
005213A - Solid Waste Class 1 Litter Fence and Deodorizing Mister System Total				\$ -	\$ -	\$ 200,000	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ 2,200,000
005214A - Solid Waste Influent Pumping Station(Thirsty Duct) Improvements	The project improves a failed thirsty duct system(Influent Pumping Station). The current system is used to pump storm water/leachate to the industrial water treatment facility.	SWT-Solid Waste Trust Funds	030.32-Constr. WTE	\$ -	\$ -	\$ 1,300,000	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ 2,200,000
005214A - Solid Waste Influent Pumping Station(Thirsty Duct) Improvements Total				\$ -	\$ -	\$ 1,300,000	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ 2,200,000
005215A - Waste to Energy Pressure Parts Replacement	Replacement of various boiler pressure tube bundles in all three Waste to Energy boiler units.	SWT-Solid Waste Trust Funds	030.32-Constr. WTE	\$ -	\$ -	\$ -	\$ 1,800,000	\$ 1,800,000	\$ -	\$ -	\$ -	\$ 3,600,000
005215A - Waste to Energy Pressure Parts Replacement Total				\$ -	\$ -	\$ -	\$ 1,800,000	\$ 1,800,000	\$ -	\$ -	\$ -	\$ 3,600,000
005537A - Waste to Energy Structural Steel Replacement of Baghouses, Baghouses Outlet Ducts, and SDA Units	Replacement of structural steel components supporting and providing access to the following air pollution control units with Boilers 1,2, and 3.	SWT-Solid Waste Trust Funds	020.32-Design WTE	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000
005537A - Waste to Energy Structural Steel Replacement of Baghouses, Baghouses Outlet Ducts, and SDA Units	Replacement of structural steel components supporting and providing access to the following air pollution control units with Boilers 1,2, and 3.	SWT-Solid Waste Trust Funds	030.32-Constr. WTE	\$ -	\$ -	\$ 2,500,000	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ 5,500,000
005537A - Waste to Energy Structural Steel Replacement of Baghouses, Baghouses Outlet Ducts, and SDA Units Total				\$ -	\$ -	\$ 3,000,000	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ 6,000,000
Solid Waste Total				\$ 22,039,000	\$ 17,667,000	\$ 22,481,000	\$ 26,606,000	\$ 36,325,000	\$ 34,250,000	\$ 35,515,000	\$ 19,200,000	\$ 192,044,000

PROJECTS REQUIRING INCREASED FUNDING REQUESTS

Decision Package / Change Request Name	Summary of Request	Description/Justification
PID 000731A Pavement Replacement Program Budget Increase	Budget increase of \$1.0M	Project budget increased \$1.0M from \$3.3M to \$4.3 due to adding funds in FY27 and FY28. This project is a program/bucket project.
PID 000752A BWA Landfill-Miscellaneous Budget Increase	Budget increase of \$1.0M	Project budget increased \$1.0M from \$6.3M to \$7.3M due to adding funds in FY28. This project is a program/bucket project.
PID 000854A WTE Discretionary/Force Majeure Work Budget Increase	Budget increase of \$400,000	Project budget increased \$400,000 from \$1.7M to \$2.1M due to adding funds in FY25. This project is a program/bucket project.

NEW PROJECT REQUESTS

Decision Package / Change Request Name	Summary of Request	Description/ Justification
New project request for SW PID 005537A WTE Structural Steel Project	New project request in the amount of \$6.0M. FY23-FY24.	Replacement and modification of structural steel components supporting and providing access to the following air pollution control units independently associated with Boilers 1, 2, and 3. Units needing structural steel replacement and modifications are the Baghouses, Baghouses Outlet Ducts, and SDAs. Budget for this project is estimated as no engineering estimate has been obtained. Total request is \$6M for FY23-FY24.
New project request PID 005212A SW WTE Biomedical Waste Modifications	New project request in the amount of \$1.5M. FY28.	Modifications to the Waste to Energy tipping floor to install a separate hopper and feed system that will take segregated biomedical waste and deposit it directly into the boiler feed chutes. Total request is \$1.5M for FY28.
New project request PID 005213A SW Class 1 Litter Fence and Mister System	New project request in the amount of \$2.2M. FY23-FY24.	Design and installation of a litter fence and deodorizing misting system along the west side of the active Class 1 landfill to contain windblown litter and a misting system designed to neutralize landfill odors. Total request is \$2.2M for FY23-FY24.
New project request PID 005214A SW Influent Pumping Station	New project request in the amount of \$2.2M. FY23-FY24.	The project improves a failed thirsty duct system(Influent Pumping Station). The current system is used to pump storm water/leachate to the industrial water treatment facility. Total request is \$2.2M for FY23-FY24.
New project Request PID 005215A SW for WTE General Pressure Parts	New project request in the amount of \$3.6M. FY23-FY24.	Replacement of various boiler pressure tube bundles in all three Waste to energy boiler units. Total request is \$3.6M for FY23-FY24.

LEALMAN SOLID WASTE

Department Director: Paul Sacco

727-464-7514

<http://www.pinellascounty.org/solidwaste/lealman/default.htm>

Department Purpose

This fund accounts for the revenues and operating expenditures associated with the Lealman Municipal Service Benefit Unit (MSBU). The Lealman MSBU was established to provide for residential waste collection and disposal services within the unincorporated Lealman area. A non-ad valorem special assessment is levied on Lealman MSBU property owners' tax bills annual to provide funding for these services.

Topics for Discussion

- Department transition from full service to non-full service.
 - The Department of Solid Waste (DSW) will be responsible for development of all revenue items (no position budgeting is required for this fund). No additional FTE for this transition.
 - DSW will continue to manage their budget, accounts payable, and financial services.
- No Proposed Changes to User Fees for FY23

Budget Summary

The FY23 Revenue Budget for Lealman Solid Waste programs is increasing \$17,900, or 1.4%. This is driven entirely by the number of customers receiving services. Customer growth is anticipated to increase by 100 for FY23. As previously mentioned, there are no proposed changes to user fees. Therefore, the monthly cost of service will remain \$16 (\$192 annually).

The FY23 Expenditure Budget for Lealman Solid Waste programs (net of Reserves) is increasing \$103,020, or 6.9%. The main component of the increase is Contract Services-Other, which is increasing \$101,550, or 7.1%. The predominant driver of this is the recommended per-ton tipping fee increase of 6.8%. That tipping fee increase results in increased expenditures paid to the contract service provider in the Lealman community.

Revenue Account	2022			2023		
	General Fund	Non- General Fund	Total	General Fund	Non- General Fund	Total
Licenses and Permits		\$1,297,430	\$1,297,430		\$1,315,210	\$1,315,210
Excess Fees – Constitutional Officers		\$8,130	\$8,130		\$8,250	\$8,250
Revenue Total		\$1,305,560	\$1,305,560		\$1,323,460	\$1,323,460

LEALMAN SOLID WASTE

	2022			2023		
Expenditure Account	General Fund	Non- General Fund	Total	General Fund	Non- General Fund	Total
Operating Expenses		\$1,469,540	\$1,469,540		\$1,572,180	\$1,572,180
Constitutional Officers Transfers		\$28,240	\$28,240		\$28,620	\$28,620
Reserves		\$381,010	\$381,010		\$169,840	\$169,840
Expenditure Total		\$1,878,790	\$1,878,790		\$1,770,640	\$1,770,640

Budget Summary by Program and Fund

Site Operational Programs

Management of solid waste collection and disposal operations, facilities, and contracts, in compliance with application permits and regulations.

Program	Fund	FY20 Actual	FY21 Actual	FY22 Budget	FY23 Budget
2224-Site Operational Programs	1093 – Lealman Sw Collect&Dispos	\$1,297,157	\$1,262,773	\$1,469,540	\$1,572,180
	Total	\$1,297,157	\$1,262,773	\$1,469,540	\$1,572,180

Tax Collector Program

Collects, bills, and distributes all taxes for the County, municipalities, Tourist Development Council, School Board, and taxing districts, including the sales tax on vehicles, vessels, and mobile homes. Collects delinquent taxes and sells certificates for unpaid taxes. As the agent for state government, the Tax Collector issues licenses and titles for cars, trucks, boats, and mobile homes; collects fees for fishing and hunting licenses; issues Driver Licenses and Birth Certificates; processes applications for Concealed Weapons Licenses; and takes applications for voter identification cards.

Program	Fund	FY20 Actual	FY21 Actual	FY22 Budget	FY23 Budget
1123-Emergency Events	1093 – Lealman Sw Collect&Dispos	\$25,967	\$25,969	\$28,240	\$28,620
	Total	\$25,967	\$25,969	\$28,240	\$28,620

Reserves Program

Oversees the management and allocation of the County's financial reserves.

Program	Fund	FY20 Actual	FY21 Actual	FY22 Budget	FY23 Budget
1008-Reserves Program	1093 – Lealman Sw Collect&Dispos	\$0	\$0	\$381,010	\$169,840
	Total	\$0	\$0	\$381,010	\$169,840

Pinellas County
Standard Detail
Fund: 1093 - Lealman Sw Collect&Dispos
Version: County Admin Review

Expenditures

Major Object	FY19 Actual	FY20 Actual	FY21 Actual	FY22 Budget	FY22 Estimate	FY23 Request	Budget to Budget Change	Budget to Budget % Change
Operating Expenses	1,230,847	1,292,798	1,371,383	1,469,540	1,461,110	1,572,180	102,640	6.98%
Constitutional Officers Transfers	25,959	25,967	25,969	28,240	28,240	28,620	380	1.35%
Reserves	0	0	0	381,010	0	169,840	(211,170)	-55.42%
Expenditures Total	1,256,806	1,318,765	1,397,353	1,878,790	1,489,350	1,770,640	(108,150)	-5.76%
	(1,256,806)	(1,318,765)	(1,397,353)	(1,878,790)	(1,489,350)	(1,770,640)	108,150	5.76%

Solid Waste	FY22 Adopted	FY23 Adopted
I. Scalehouse I-A. Radio Frequency* Window Sticker I-B. Radio Frequency* Transponder I-C. Proximity Cards** * Transponders and window stickers used for automated lanes at the Scalehouse; charge for initial issuance and replacement of lost transponder only. Replacement of non-functioning units at no charge. ** Proximity Cards - Pre-Programmed Destination Cards for Scalehouse	\$18.00 \$35.00 \$5.00	\$18.00 \$35.00 \$5.00
II. Disposal (Tipping) Fees (per ton) II-A. Municipal Solid Waste II-B. Commercial Waste II-C. Yard Waste II-D. Mulch Rebate II-E. Whole Tires (loads containing 5 or more tires are not eligible for flat rate) II-F. Passenger Vehicle Flat Rate II-G. Unmodified Pickup Trucks and Vans Flat Rate II-H. Christmas Trees only (up to 5 trees, no decorations) II-I. Out-of-County Surcharge (per ton) to be added to current tipping fee for Municipal Solid Waste, Commercial Waste, Yard Waste, and Whole Tires)	\$44.70 \$44.70 \$44.70 \$0.00 \$125.00 \$4.00 \$11.00 \$3.00 \$44.70	\$47.75 \$47.75 \$47.75 \$0.00 \$125.00 \$4.00 \$11.00 \$3.00 \$47.75
III. Special Fees III-A. Contractor Surcharge (in addition to per ton charge) III-B. Special Handling Services Fee (in addition to per ton charge) III-C. Fee Waiver (authorized by BCC to allow the County Administrator to modify fees for vehicles designated by Solid Waste in such instances as pilot programs, emergencies, or disposal situations requiring immediate action to protect the health, safety, and welfare of public or for regulatory compliance) III-D. Required Deposit*** *** Percentage of total loaded vehicle weight	\$100.00 \$110.00 \$0.00 35%	\$100.00 \$110.00 \$0.00 35%
IV. Collection IV-A. Annual Hauler License Fee IV-B. Franchise Collection Fee per month (Lealman)	\$300.00 \$16.00	\$300.00 \$16.00