

Solid Waste

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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.

Budget Summary

Fund: 4021 - Solid Waste Rev & Op						
Major Object	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request
Personnel Services	6,384,065	\$6,490,422	\$6,094,362	\$7,284,940	\$6,592,360	\$6,859,830
Operating Expenses	58,744,254	\$56,306,224	\$55,270,828	\$62,950,330	\$62,792,888	\$66,302,260
Capital Outlay	379	\$0	\$5,213	\$479,800	\$396,170	\$458,600
Grants and Aids	499,979	\$499,976	\$489,801	\$500,000	\$500,000	\$500,000
Transfers to Other Funds	30,000,000	\$30,000,000	\$30,000,000	\$30,000,000	\$30,000,000	\$30,000,000
Reserves	0	\$0	\$0	\$248,281,890	\$0	\$291,258,730
Expenditures Total	95,628,676	\$93,296,621	\$91,860,204	\$349,496,960	\$100,281,418	\$395,379,420
Fund: 4023 - Solid Waste Renew & Replace						
Major Object	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request
Operating Expenses	\$0	\$58,898	\$54,036	\$0	\$0	\$0
Capital Outlay	\$11,441,154	\$16,392,974	\$6,324,589	\$25,781,000	\$7,525,000	\$27,974,000
Reserves	\$0	\$0	\$0	\$130,236,470	\$0	\$157,810,360
Expenditures Total	\$11,441,154	\$16,451,872	\$6,378,625	\$156,017,470	\$7,525,000	\$185,784,360
Fund: 1093 - Lealman SW Collection & Disposal						
Major Object	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request
Operating Expenses	\$1,292,798	\$1,371,383	\$1,429,037	\$1,572,180	\$1,611,500	1,804,270
Constitutional Officers Transfers	\$25,967	\$25,969	\$26,493	\$25,970	\$25,970	30,920
Reserves	\$0	\$0	\$0	\$172,490	\$0	167,530
Expenditures Total	\$1,318,765	\$1,397,353	\$1,455,530	\$1,770,640	\$1,637,470	2,002,720

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FY24 Budget Drivers and Topics of Discussion (if it has a hint of operational give to paul)

- The Proposed FY24 Budget includes 3% Salary Adjustments on the Mid-Point for all employees). However, personnel services are decreasing from \$6.8M to \$6.7M for a difference of -\$149,000 which is a -2.1% decrease due to the proposed reduction of two positions (-\$94,300).
Waste-to-Energy (WTE) operator costs will increase by contractual agreement (from \$25.6M to \$28.5M for a difference of \$2.9M which is an 11.3% increase).
- The Department will be implementing operational changes in the way “Tip Trailers” and overall traffic are managed on a day-to-day basis at the Waste-to-Energy Plant and Landfill, costing \$1.7M annually; this will increase landfill life while improving customer service with shorter wait times (not budgeted in FY23 to \$1.7M in FY24).
- The Proposed FY24 Budget includes increases for electricity (from \$600,500 to \$649,200 for a difference of \$48,700 which is an 8.1% increase).
- Planned equipment purchases in FY24 will be (\$84,700).
- As the Board is aware, the Power Purchase Agreement with Duke Energy will expire in December 2024 very likely causing a 55% decrease in revenues in FY25 and following years.
 - An option to broker power generated by the Waste-to Energy (WTE) facility on the open market is being considered as an alternative to entering a Standard Offer Power Purchase Agreement (PPA) with Duke Energy. Market conditions are favorable for increased revenue from brokering power with minimal risk.
 - Tipping Fee Revenues will grow \$2.8M due an approved rate increase of 6.8% while waste volume is projected to remain unchanged from FY23 (from \$50.0M to \$52.8M for a difference of \$2.8M which is a 5.5% increase).
 - A planned draw down of reserves will be sufficient to sustain Solid Waste funds through the FY29 forecast period. The reserve amount must cover Landfill Post Closure Care, Waste-to-Energy Operator Contract Reserves, Annual Renewal and Replacement Reserves, a three-month Operating Expense Reserve, and future year Tipping Fee Stabilization.
 - Renegotiation of the existing WTE Facility service agreement is the main driver of forecast expense increases happening at the same time as revenue decreases.
- Tipping Fee Revenues will grow \$2.8M due to a previously approved rate increase of 6.8% while waste volume is projected to remain unchanged from FY23 (from \$50.0M to \$52.8M for a difference of \$2.8M which is a 5.5% increase).
- A planned draw down of reserves will be sufficient to sustain Solid Waste operations through the FY29 forecast period. The reserve amount must cover Landfill Post Closure Care, Waste-to-Energy Operator Contract Reserves, Annual Renewal and Replacement Reserves, a three-month Operating Expense Reserve, and future year Tipping Fee Stabilization.
- Lealman Solid Waste Collection municipal services benefit unit is not part of the departmental budget but is managed by the Solid Waste Department.

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- The Lealman Solid Waste Collection and Disposal Fee, which has not changed since 2016, is proposed to increase from \$16/month to \$20/month (from \$1.3M to \$1.8M for a difference of \$494,000 which is a 37.5% increase). As the Board is aware, the Lealman Collection Fund has been reduced over several years and a rate increase has become necessary to sustain operations.

FY24 Capital Improvements Program Overview

- The FY24-29 Six-Year CIP is increasing by \$15.4M or 8.7% from the Adopted FY23-28 Six-Year CIP, from \$177.7M to \$193.1M. (The Solid Waste CIP Budget Detail Report begins on page 22).
 - Planned appropriations for FY24 are increasing \$2.2M or 8.5% over FY23, from \$25.8M to \$28.0M.

Increased Funding

- Projects' budgets that have increased \$250,000 and 15% over the Current Plan include \$1.9M driven by current day pricing, including inflation, and \$9.1M driven by the expansion of project scope. (The Solid Waste Additional Funding and New Projects Report begins on page 24).
 - Project 005214A Solid Waste Influent Pumping Station (Thirsty Duct) Improvements. Increase of \$1.9M, or 86%, from \$2.2M to \$4.1M. FY23-FY24. Increase due to current day pricing.
 - Project 005537A Waste to Energy Structural Steel Replacement. Increase of \$9.1M, or 152%, from \$6.0M to \$15.1M. FY23-FY26. Increase due to expanded scope and current day pricing.

New Projects

- No new CIP projects proposed.

Projects to be Completed in FY23

- No CIP projects will be completed in FY23.

FY24 Decision Packages

- The Department has proposed no decision packages for FY24,

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FY24 Operating Budget Analysis

The Solid Waste Budget consists of two funds: the Solid Waste Revenue and Operating (Fund 4021) and the Solid Waste Renewal and Replacement (Fund 4023). The Department also oversees the Lealman Solid Waste Collection and Disposal MSBU (Fund 1093), though this fund is not within the Departmental Budget.

Reserves proposed for the two funds in FY24 are \$449.1M. As described above, a planned draw down of these reserves in future years will offset the revenue decrease resulting from the Power Purchase Agreement (PPA) with Duke Energy expiring in December 2024.

Fund 4021 - Solid Waste Revenue and Operating

Personnel Services represent a decrease of -\$149,160 or -2.1%, from the FY23 Budget (from \$6.8M to \$6.7M) as described above.

Operating Expenses reflect an increase of \$3.4M, or 5.5%, from the FY23 Budget (from \$62.7M to \$66.1M) as described above.

Capital Outlays are budgeted to decrease of -\$21,200, or -4.1%, from the FY23 Budget (from \$479,800 to \$458,600) as described above

Grants and Aids resources, used for the annual Municipal Recycling Grant Program, are budgeted the same in FY23 and FY24 (\$500,000).

Transfers from the Solid Waste Revenue and Operating Fund are budgeted to be the same in both fiscal years (\$30M). This is the primary revenue source for the Solid Waste Renewal and Replacement Fund.

The Solid Waste Revenue and Operating Fund is supported by electricity sales from the WTE plant (\$13.0M), the collection of Tipping Fees (\$52.7M), Electrical Capacity Charges (\$77.4M), miscellaneous revenues (\$2.9M), and sales of Renewable Energy Credits (\$250,300) which expected to remain unchanged at \$250,300 in FY24 and appear to be stabilizing at this level.

Electricity sales revenue from the WTE plant is expected to increase by \$2.4M or 22.1% in FY24 (from \$10.7M to \$13.3M). Increased plant availability, kilowatt per ton of waste power generation efficiency, and improved landfill sustainability resulted from a \$240M capital investment which is the main driver of the revenue increase.

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Electrical Capacity Charges revenue from the WTE plant is expected to increase by \$4.6M or 6.4% in FY24 (from \$72.7M to \$77.4M) and are budgeted according to the PPA with Duke Energy.

Other Miscellaneous Revenues are expected to increase by \$597,500 to \$2.3M or 33.9% in FY24. This includes such revenues as interest earnings, scrap metal sales, and the Artificial Reef Grant which is not recurring in FY24

Solid Waste Revenue and Operating Fund, excluding reserves, shows an increase of \$3.2M to 103.7M or a 3.2% increase from the FY23 budget as explained above.

Fund 4023 - Solid Waste Renewal and Replacement

Solid Waste Renewal and Replacement Fund FY24 budget, excluding reserves, reflects a \$2.2M increase to \$28.0M or 8.5% more than the \$25.8M requested in FY23. This fund is supported exclusively by prior year fund balance and transfers in from the Solid Waste Revenue and Operating fund.

Fund 1093 - Lealman Solid Waste Collection and Disposal

Lealman Solid Waste Collection and Disposal Fund FY24 budget, excluding reserves, represents an increase of \$232,100 increase to 2.0M or 13.1% above the \$1.8M FY23 Budget request.

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

This fund will effectively deplete its reserves by mid FY24 without a fee increase. Therefore, the existing fee is proposed to increase from \$16 per month to \$20 per month (as explained above) and is projected to generate \$1.8M in FY24 – see Proposed Fee Changes table below.

Lealman Solid Waste Collection and Disposal Fund is not formally a part of the Solid Waste Departmental budget; however, the fund and services are administered by Solid Waste Departmental staff.

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Proposed Fee Changes

Revenue Name and Type of Change	FY23 Adopted	FY24 Proposed	Net Revenue Impact	Reason for Change or Addition	Change in Fee
Tipping Fees (included in the FY24 budget is the second of an approved three-year series of increases)	\$47.75	\$51.00	\$2.8M	Per FY23 Adopted Budget and per County Administrator recommendation to the BCC on 4/21/22	6.80%
Whole Tires Processing Fee	\$125.00	\$150.00	\$234,000	This is to bring the charge closer to other disposal facilities in the region, keeping tires in the county where generated	\$25.00
Passenger Vehicle Flat Rate	\$4.00	\$4.25	\$82,840	2020 Analysis did not include increased # of transactions and increased revenues impacting overall service fees	\$0.25
Unmodified Pickup Trucks and Vans Flat Rate	\$11.00	\$11.75			\$0.75
Lealman Franchise Collection Fee per month	\$16.00 per month	\$20.00 per month	\$1.8M	This is to keep the Lealman Solid Waste Collection and Disposal	\$4.00 per month

FY23 Accomplishments

- Attained American Public Works Association (APWA) Accreditation in January 2023.
- Requested and received FDEP’s approval to increase the outward gradient reporting from 30 to 90 days and to increase Landfill Cell-1 elevation from 90’ to 150’.
- Created processes to list and sell Renewable Energy Credits (RECs) on the open market. This is a new revenue source that yielded \$450K in revenue in 2022 and should continue to provide approximately \$250K/year going forward.
- Successfully coordinated with the Waste-to-Energy Operator, Covanta, to locate their ferrous metals cleaning process to DSW, which results in a transportation cost avoidance of \$175K and a new revenue source of \$250K per year.
- Incineration of Electronics: staff successfully planned and implemented communications to cease the collection and recycling of household generated electronics waste effective October 1, 2022. In addition to this program change being the ‘right’ choice, it also reduces costs by \$300K per year. The Household Electronics and Chemical Collection Center (HEC3) will be rebranded to Household Hazardous Waste (HHW).
- As of February 28th, the DSW team reached the milestone of 1,200 days without a lost-time injury. Property damage incidents are also trending downward by 20%.
- The DSW team has initiated the Career Path and Ladder for 60% of employees.
- Revised the ‘Where Does It Go’ tool and published the 2023 recycling guide. Assisted the cities of Bellaire and Madeira Beach to rethink pulling back on recycling.

Work Plan

- Determine the Feasibility for a Publicly Owned Materials Recycling Facility (MRF)
- Revise County Code 106 – “Solid Waste”

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Performance Measures

Measure	Unit of Measure	FY21 Actual	FY22 Actual	FY23 Budget	FY24 Budget
Business Waste Assessment Return to Compliance Rate	Percent	39.0%	23.1%	50.0%	50.0%
Contamination Rate for Countywide Recycling (biennial)	Percent	Biennial Study	18.8%	Biennial Study	Monitoring
Traditional Recycling Rate (as reported to FDEP, not including combustion credit)	Percent	49.6%	48.6%	Monitoring	Monitoring
Waste-To-Energy Availability	Percent	85.30%	94.30%	85.00%	85.00%
Projected life of the landfill (years remaining)	Years	76	82	82	82

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Budget Summary by Program and Major Object

Recycling & Education Programs

Education and outreach for Household Hazardous Waste (HHW), mobile collections, recycling programs, small quantity generator inspections, and reef construction.

Fund	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY24 Budget
4021 - Solid Waste Rev & Op	\$4,340,699	\$4,229,183	\$3,873,766	\$5,512,950	\$5,314,000
4023 - Solid Waste Renew&Replace	\$3,281,434	\$304,012	(\$60,711)	\$721,000	\$680,000
Total	\$7,622,133	\$4,533,195	\$3,813,056	\$6,233,950	\$5,994,000

Site Operational Programs

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

Fund	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY24 Budget
4021 - Solid Waste Rev & Op	\$90,631,303	\$55,037,344	\$61,441,751	\$64,922,940	\$68,394,170
4023 - Solid Waste Renew&Replace	\$8,159,720	\$18,747,997	\$3,050,151	\$29,188,000	\$27,294,000
Total	\$98,791,023	\$73,785,341	\$64,491,901	\$94,110,940	\$95,688,170

Transfers Program

Oversight of intra- and inter- governmental funds transfers.

Fund	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY24 Budget
4021 - Solid Waste Rev & Op	\$0	\$30,000,000	\$30,000,000	\$30,000,000	\$30,000,000
Total	\$0	\$30,000,000	\$30,000,000	\$30,000,000	\$30,000,000

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Emergency Events

Costs resulting from accurately tracking expenses incurred during a disaster event to support reimbursement of eligible expenditures from the Federal Emergency Management Agency's (FEMA) Public Assistance Grant Program or other applicable funding sources.

Fund	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY24 Budget
4021 - Solid Waste Rev & Op	\$7,438	\$26,716	\$70,669	\$0	\$0
Total	\$7,438	\$26,716	\$70,669	\$0	\$0

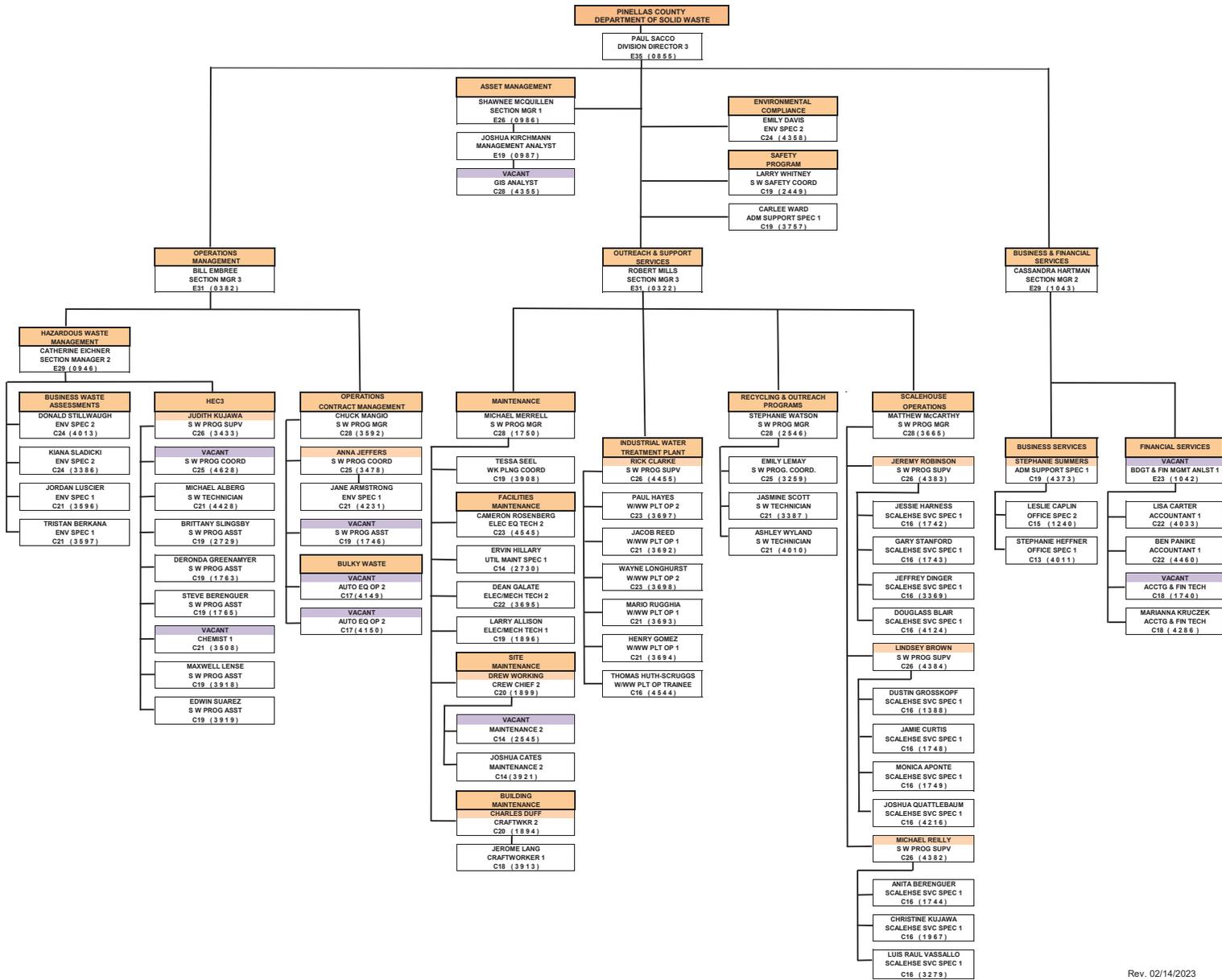
Reserves Program

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

Fund	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY24 Budget
4021 - Solid Waste Rev & Op	\$0	\$0	\$0	\$378,690,850	\$0
Total	\$0	\$0	\$0	\$378,690,850	\$0

Attachments:

1. Organizational Chart (Page 10)
2. Budget Reports (Page 11)
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3. CIP Reports (if applicable) (Page 22)
4. Vacancy Report Page 26
5. User Fees Report (Page 27)
6. Fund Forecast (Page 28)



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Attachment II B: Budget Pages - By Fund

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

Revenues

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
2710201 - FB-Unrsv-Cntywide-Beg	126,289,161	116,288,290	(35,108,403)	213,617,960	213,435,507	249,069,220	35,451,260	16.60%
2810001 - Fund Balance-Restricted	0	0	213,435,067	0	0	0	0	0.00%
Fund Balance Total:	126,289,161	116,288,290	178,326,665	213,617,960	213,435,507	249,069,220	35,451,260	16.60%

Revenues

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
3312002 - Fed Grant-Public Safety-FEMA	51,985	0	0	0	0	0	0	0.00%
3342001 - State Grant-Public Safety	0	0	0	0	0	0	0	0.00%
Intergovernmental Revenue Total:	51,985	0	0	0	0	0	0	0.00%

Revenues

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
3434130 - Tipping Fees-Solid Waste	42,207,741	46,660,852	48,867,925	49,990,620	49,990,620	52,747,520	2,756,900	5.51%
3434140 - Electricity Sales-S Waste	8,431,577	11,398,531	12,500,730	10,657,960	10,657,960	13,009,220	2,351,260	22.06%
3434141 - Electrical Capacity-S Wst	60,432,503	64,277,520	68,372,348	72,728,260	72,728,260	77,361,750	4,633,490	6.37%
3434150 - Scrap Sales-Solid Waste	579,555	1,429,817	1,616,524	796,660	796,660	888,750	92,090	11.56%

3434160 - Recycling Revenue-S Waste	0	5	0	0	0	0	0	0.00%
3434500 - Other Income-Solid Waste	31,595	118,903	122,005	20,320	56,450	20,320	0	0.00%
Charges for Services Total:	111,682,972	123,885,628	131,479,531	134,193,820	134,229,950	144,027,560	9,833,740	7.33%

Revenues

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
3611001 - Interest On Investments	0	0	0	1,353,950	1,353,950	2,011,410	657,460	48.56%
3611210 - Interest-Cash Pools	119,838	32,247	163,081	0	0	0	0	0.00%
3611700 - Interest-St Brd Of Admin	474,499	83,665	534,215	0	0	0	0	0.00%
3611800 - Interest-Securities	2,841,925	2,014,297	1,419,965	0	0	0	0	0.00%
3613001 - Net Inc/Dec In Fair Value	1,444,384	(1,945,467)	(7,445,450)	0	0	0	0	0.00%
Interest Earning Total:	4,880,646	184,742	(5,328,188)	1,353,950	1,353,950	2,011,410	657,460	48.56%

Revenues

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
3644100 - Sale- Surplus Equipment	0	343,650	238,471	9,500	9,500	9,500	0	0.00%
3644200 - Ins Proceeds-Furn/Fxtr/Eq	10,550	8,864	3,659	0	0	0	0	0.00%
Rents, Surplus, and Refunds Total:	10,550	352,514	242,130	9,500	9,500	9,500	0	0.00%

Revenues

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
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3693004 - Liquid Aluminum Sulfate Antitrust Litigation Settlement	20,147	0	0	0	0	0	0	0.00%
3699001 - Copy Charges	0	0	888	0	0	0	0	0.00%
3699311 - Inter-Sales Tax Commissions	0	0	0	0	0	0	0	0.00%
3699340 - Intra-Rmb-Cost Allocation-Lealman-Sw	6,123	6,602	9,332	11,430	11,430	11,430	0	0.00%
3699350 - Refund Of Prior Yrs Exp	68,745	11,934	2,134	0	0	0	0	0.00%
3699670 - Renewable energy credit sales	0	0	557,333	250,300	250,300	250,300	0	0.00%
3699990 - Overage & Shortage	227	0	1	0	0	0	0	0.00%
3699991 - Other Miscellaneous Revenue	6,810	5,700	5,446	0	0	0	0	0.00%
Other Miscellaneous Revenues Total:	102,052	24,236	575,135	261,730	261,730	261,730	0	0.00%

Revenues

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
3322010 - Other Financial Assistance-Fed-CARES	7,438	(7,311)	0	0	0	0	0	0.00%
3892001 - Prop-Federal Grants & Donations	0	0	0	0	0	0	0	0.00%
3893001 - Prop-State Grants & Donations	(3,343)	0	0	0	0	0	0	0.00%
3893351 - Artificial Reef Dev Proj	0	0	0	60,000	60,000	0	(60,000)	-100.00%
Non-Operating Revenue Sources Total:	4,094	(7,311)	0	60,000	60,000	0	(60,000)	-100.00%

Expenditures

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
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5110001 - Executive Salaries	863,811	974,584	1,028,585	1,012,600	989,660	1,112,700	100,100	9.89%
5120001 - Regular Salaries & Wages	3,370,985	3,314,649	3,088,268	3,703,720	3,289,130	3,350,320	(353,400)	-9.54%
5130001 - Other Salaries And Wages	0	0	0	0	0	0	0	0.00%
5140001 - Overtime Pay	99,765	115,953	168,120	155,120	139,360	131,900	(23,220)	-14.97%
5150001 - One Time COLA Wage Disbursement	0	0	0	92,830	45,760	0	(92,830)	-100.00%
5200001 - Employee Benefits-Overtime	0	0	0	0	0	0	0	0.00%
5210001 - FICA Taxes	315,826	320,247	309,939	350,730	325,070	338,080	(12,650)	-3.61%
5220001 - Retirement Contributions	403,515	465,195	489,213	574,170	515,340	588,300	14,130	2.46%
5220003 - Retirement Contrib-GASB 68	0	0	(122,768)	0	0	0	0	0.00%
5230001 - Hlth,Life,Dntl,Std,Ltd	1,541,315	1,500,742	1,217,498	1,493,960	1,320,780	1,436,720	(57,240)	-3.83%
5299989 - Rg Sal&Wges-Contra-Prj-Bur	0	0	(10,647)	0	0	0	0	0.00%
5299991 - Reg Salary&Wgs-Contra-Prj	(151,733)	(143,715)	(54,678)	(71,290)	(23,770)	(71,290)	0	0.00%
5299992 - Benefits-Contra-Projects	(59,419)	(57,234)	(19,168)	(26,900)	(8,970)	(26,900)	0	0.00%
Personnel Services Total:	6,384,065	6,490,422	6,094,362	7,284,940	6,592,360	6,859,830	(425,110)	-5.84%

Expenditures

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
5310033 - General Consulting	1,708,487	1,457,994	1,656,617	5,399,120	3,257,930	3,219,330	(2,179,790)	-40.37%
5311031 - Legal (Other Than Court)	522	223	30,000	120,530	100,000	0	(120,530)	-100.00%
5320001 - Accounting & Auditing	12,635	12,373	7,089	10,500	8,500	10,500	0	0.00%

5340001 - Other Contractual Svcs	16,913	660	0	0	0	0	0	0.00%
5340003 - Contract Svcs-Janitorial	40,666	43,991	38,663	44,500	43,320	44,480	(20)	-0.04%
5340004 - Contract Svcs-Fire Protec	0	40,000	40,000	40,000	40,000	40,000	0	0.00%
5349000 - Contract Services-Other	46,013,415	43,129,985	41,407,611	43,522,870	45,990,145	49,112,150	5,589,280	12.84%
5399989 - Op Exp-Contra-Proj-Burdng	0	0	(2,896)	0	0	0	0	0.00%
5400001 - Travel and Per Diem	40	0	0	58,110	48,450	50,560	(7,550)	-12.99%
5400100 - Transportation Exp	(322)	620	3,916	4,300	3,780	7,100	2,800	65.12%
5400105 - Mileage-Local	458	516	293	780	780	780	0	0.00%
5400110 - Mileage-Out of Town	0	0	1,122	500	500	920	420	84.00%
5400200 - Meals/Per Diem	2,109	230	2,470	6,870	6,900	13,250	6,380	92.87%
5400205 - Meals-Taxable	1	0	0	0	0	0	0	0.00%
5400300 - Hotels/Motels/Lodging	4,604	921	8,529	28,070	20,230	21,290	(6,780)	-24.15%
5400900 - Travel-Other	136	69	(265)	2,460	2,160	2,660	200	8.13%
5410001 - Communication Services	22,035	27,935	36,353	38,730	38,800	33,370	(5,360)	-13.84%
5410006 - Comm Svcs-Repair & Maint	2,542	4,321	5,209	5,300	5,300	12,370	7,070	133.40%
5420001 - Freight	343	1,505	224	870	860	860	(10)	-1.15%
5420002 - Postage	846	2,353	418	550	530	530	(20)	-3.64%
5431100 - Util Svc-Elec-Generl-Power	525,426	533,640	592,696	600,510	607,400	649,240	48,730	8.11%
5432000 - Util Svc-Municipal Wtr&Swr	3,629,674	3,895,540	3,627,981	4,021,040	3,758,440	3,826,640	(194,400)	-4.83%

5433000 - Util Svc-County Water&Swr	213	262	265	280	280	280	0	0.00%
5440001 - Rentals and Leases	66,386	59,318	56,688	57,600	59,180	59,180	1,580	2.74%
5444000 - Rental&Leases-Equipment	(21)	0	0	0	0	0	0	0.00%
5460001 - Repair&Maintenance Svcs	1,363	1,702	806	0	0	0	0	0.00%
5461000 - Repair&Maint-Grounds	79,615	97,956	197,957	174,970	135,000	143,140	(31,830)	-18.19%
5462000 - Repair&Maint-Buildings	172,104	312,234	159,120	129,700	122,240	165,440	35,740	27.56%
5464000 - Repair&Maint-Equipment	422,199	372,422	453,637	506,350	448,516	585,870	79,520	15.70%
5470001 - Printing and Binding Exp	44,453	20,123	16,456	39,530	40,300	42,780	3,250	8.22%
5480001 - Promotional Activities Exp	37,877	38,502	39,649	173,170	143,570	148,570	(24,600)	-14.21%
5490001 - Othr Current Chgs&Obligat	51,745	52,033	61,624	74,430	67,420	62,610	(11,820)	-15.88%
5490060 - Incentives & Awards	0	111	5,800	7,550	8,560	11,560	4,010	53.11%
5496501 - Intgv Sv-Info Technology	970,240	814,880	994,230	1,012,330	1,012,330	1,012,330	0	0.00%
5496521 - Intgv Sv-Fleet-Op & Maint	244,287	189,864	156,854	228,060	220,800	233,910	5,850	2.57%
5496551 - Intgv Sv-Risk Financing	2,703,690	3,186,940	3,519,020	4,144,330	4,144,330	4,144,330	0	0.00%
5496901 - Intgv Sv-Cost Allocate	1,403,780	1,376,990	1,402,960	1,395,470	1,395,470	1,525,160	129,690	9.29%
5510001 - Office Supplies Exp	9,692	8,252	5,742	55,690	55,730	5,730	(49,960)	-89.71%
5520001 - Operating Supplies Exp	2,985	22,883	2,649	0	0	0	0	0.00%
5520002 - Oper. Supplies-Fuel&Lub	0	0	0	0	0	0	0	0.00%
5520003 - Oper. Supplies-Chemicals	196,838	339,122	361,280	529,560	494,027	523,400	(6,160)	-1.16%

5520005 - Small Tools,Supp&Allow.	6,072	3,063	3,923	8,330	7,330	7,640	(690)	-8.28%
5520006 - Oper. Supplies-Clothing	15,655	9,906	6,598	21,360	15,630	18,270	(3,090)	-14.47%
5520009 - Oper. Supplies-Computer	17,593	7,539	21,404	5,790	7,320	4,990	(800)	-13.82%
5520091 - Equipment purchases under \$5,000	0	6,722	0	0	0	0	0	0.00%
5520098 - PC Purchases under \$5,000	0	0	34,934	33,950	30,800	58,690	24,740	72.87%
5520099 - PC Purchases under \$1000	42,088	10,682	298	0	0	0	0	0.00%
5529000 - Oper. Supplies-Misc	255,389	153,149	237,293	383,810	389,860	404,470	20,660	5.38%
5540001 - Bks,Pub,Subscrip&Membrshps	9,191	20,043	48,603	24,390	28,100	26,820	2,430	9.96%
5550000 - Training	0	0	0	30	30	20	(10)	-33.33%
5550001 - Training&Education Costs	10,289	48,653	27,007	38,040	32,040	71,040	33,000	86.75%
5999999 - Invoices Pend Acct Distribution	0	0	0	0	0	0	0	0.00%
Operating Expenses Total:	58,744,254	56,306,224	55,270,828	62,950,330	62,792,888	66,302,260	3,351,930	5.32%

Expenditures

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
5640001 - Machinery And Equipment	0	0	4,954	317,800	217,060	181,600	(136,200)	-42.86%
5640099 - PC Purchases over \$1000	379	0	0	0	0	0	0	0.00%
5640300 - Equip-Vehicle&Heavy Equip	0	0	260	137,000	154,110	252,000	115,000	83.94%
5680100 - Software-Purchased	0	0	0	25,000	25,000	25,000	0	0.00%
Capital Outlay Expenses:	379	0	5,213	479,800	396,170	458,600	(21,200)	-4.42%

Expenditures

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
5810001 - Aids To Govt Agencies	499,979	499,976	489,801	500,000	500,000	500,000	0	0.00%
Grants and Aids Total:	499,979	499,976	489,801	500,000	500,000	500,000	0	0.00%

Expenditures

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
5914023 - Trans To Solid Waste-R&R	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	0	0.00%
Transfers to Other Funds Total:	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	0	0.00%

Expenditures

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
5995000 - Reserve-Contingencies	0	0	0	34,921,430	0	39,550,020	4,628,590	13.25%
5997000 - Reserve-Future Years	0	0	0	213,360,460	0	251,708,710	38,348,250	17.97%
Reserves Total:	0	0	0	248,281,890	0	291,258,730	42,976,840	17.31%
Solid Waste Revenue and Operating Fund Total:	147,392,783	147,431,478	213,435,067	0	249,069,219	0	0	0.00%

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

Revenues

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
2710201 - FB-Unrsv-Cntywide-Beg	75,875,142	79,631,274	(23,621,393)	126,017,470	133,309,360	155,784,360	29,766,890	23.62%
2810001 - Fund Balance-Restricted	0	0	133,309,363	0	0	0	0	0.00%
Fund Balance Total:	75,875,142	79,631,274	109,687,970	126,017,470	133,309,360	155,784,360	29,766,890	23.62%

Revenues

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
3343901 - State Grant-Other Physical Environmnt	0	1,480,168	0	0	0	0	0	0.00%
Intergovernmental Revenue Total:	0	1,480,168	0	0	0	0	0	0.00%

Revenues

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
3699350 - Refund Of Prior Yrs Exp	225,371	0	0	0	0	0	0	0.00%
3699991 - Other Miscellaneous Revenue	263	52	18	0	0	0	0	0.00%
Other Miscellaneous Revenue Total:	225,634	52	18	0	0	0	0	0.00%

Revenues

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
3814021 - Trans Fr Solid Waste	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	0	0.00%
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%

Expenditures

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
5340001 - Other Contractual Svcs	0	50,793	37,194	0	0	0	0	0.00%
5470001 - Printing and Binding Exp	0	28	0	0	0	0	0	0.00%
5520099 - PC Purchases under \$1000	0	8,077	16,841	0	0	0	0	0.00%
Operating Expenses Total:	0	58,898	54,036	0	0	0	0	0.00%

Expenditures

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
5600001 - Budget-Capital Outlay	0	0	0	25,781,000	7,525,000	27,964,000	2,183,000	8.47%
5620001 - Buildings	605,599	(140,916)	148,872	0	0	0	0	0.00%
5630001 - Improvmnts Othr Than Bldg	3,661,831	3,482,123	3,809,758	0	0	0	0	0.00%
5630020 - Otr Impr-Architect & Eng	67,467	42,737	19,577	0	0	0	0	0.00%
5630030 - Otr Impr-Contractor Pmts	6,751,692	12,639,716	2,039,190	0	0	0	0	0.00%
5639000 - Otr Impr-Other	0	0	563	0	0	0	0	0.00%
5640001 - Machinery And Equipment	33,100	25,064	46,164	0	0	10,000	10,000	100.00%

5640099 - PC Purchases over \$1000	7,253	0	0	0	0	0	0	0.00%
5640300 - Equip-Vehicle&Heavy Equip	0	98,151	48,148	0	0	0	0	0.00%
5680100 - Software-Purchased	0	35,471	62,325	0	0	0	0	0.00%
5699981 - Personal Svs-Proj-Burdng	53,446	26,671	26,179	0	0	0	0	0.00%
5699983 - Op Exp-Proj-Burdening	27,890	13,172	12,558	0	0	0	0	0.00%
5699991 - Reg Salaries&Wages-Projects	159,816	117,204	78,538	0	0	0	0	0.00%
5699992 - Benefits-Projects	73,062	53,582	32,717	0	0	0	0	0.00%
Capital Outlay Total:	11,441,154	16,392,974	6,324,589	25,781,000	7,525,000	27,974,000	2,193,000	8.51%

Expenditures

Account	FY20 Actual	FY21 Actual	FY22 Actual	FY23 Budget	FY23 Estimate	FY24 Request	Budget to Budget Change	Budget to Budget % Change
5995000 - Reserve-Contingencies	0	0	0	15,601,590	0	3,000,000	(12,601,590)	-80.77%
5997000 - Reserve-Future Years	0	0	0	114,634,880	0	154,810,360	40,175,480	35.05%
Reserves Total:	0	0	0	130,236,470	0	157,810,360	27,573,890	21.17%
Solid Waste Renewal and Replacement Fund	94,659,622	94,659,622	133,309,363	0	155,784,360	0	0	0.00%

Solid Waste CIP Budget Detail

Project Number & Name	Description	Funding Source	Task	Adopted FY2023 Budget	FY2023 Estimate	FY2024 Planned	FY2025 Planned	FY2026 Planned	FY2027 Planned	FY2028 Planned	FY2029 Planned	FY23 Estimate and FY24-29
002585A - Recycling Center Expansion Projects: Main	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									
				365,000	41,000	365,000	-	-	-	-	-	406,000
002585A - Recycling Center Expansion Projects: Main Total				365,000	41,000	365,000	-	-	-	-	-	406,000
002586A - Visitor Information Kiosks and Claw Monument: Main	Engineering design of bucket mounting system and mounting bucket. Layout, concept, and construct Kiosks.	SWT-Solid Waste Trust Funds	030.33-Constr Waste Red									
				315,000	-	315,000	-	-	-	-	-	315,000
002586A - Visitor Information Kiosks and Claw Monument: Main Total				315,000	-	315,000	-	-	-	-	-	315,000
000731A - Pavement Replacement Program: Main	Rehabilitation and replacement of internal roads as needed.	SWT-Solid Waste Trust Funds	030.30-Constr Site Ops									
				500,000	450,000	500,000	500,000	500,000	500,000	500,000	500,000	3,450,000
000731A - Pavement Replacement Program: Main Total				500,000	450,000	500,000	500,000	500,000	500,000	500,000	500,000	3,450,000
000752A - Bridgeway Acres (BWA) Landfill - Miscellaneous: Main	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: Main	Rehabilitation and replacement of operational infrastructure at Bridgeway Acres Landfill.	SWT-Solid Waste Trust Funds	030.30-Constr Site Ops									
				900,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000	6,300,000
000752A - Bridgeway Acres (BWA) Landfill - Miscellaneous: Main Total				1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,000,000
000842A - Replace Scales: Main	Anticipated replacement of scales due to heavy use.	SWT-Solid Waste Trust Funds	030.30-Constr Site Ops									
				5,631,000	-	-	5,631,000	2,300,000	2,000,000	-	-	9,931,000
000842A - Replace Scales: Main Total				5,631,000	-	-	5,631,000	2,300,000	2,000,000	-	-	9,931,000
001057A - General Upgrades to Supervisory Control and Data Acquisition (SCADA): Main	Annual program to upgrade technology and equipment in support of the utility SCADA system.	SWT-Solid Waste Trust Funds	020.30-Design Site Ops									
				-	4,000	6,000	-	-	-	-	-	10,000
001057A - General Upgrades to Supervisory Control and Data Acquisition (SCADA): Main	Annual program to upgrade technology and equipment in support of the utility SCADA system.	SWT-Solid Waste Trust Funds	030.30-Constr Site Ops									
				10,000	-	-	54,000	80,000	75,000	75,000	75,000	359,000
001057A - General Upgrades to Supervisory Control and Data Acquisition (SCADA): Main Total				10,000	4,000	6,000	54,000	80,000	75,000	75,000	75,000	369,000
002423A - Industrial Waste Treatment Facility Improvements: Main	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									
				700,000	500,000	93,000	124,000	-	-	-	-	717,000
002423A - Industrial Waste Treatment Facility Improvements: Main Total				700,000	500,000	93,000	124,000	-	-	-	-	717,000
003346A - New Scale Lane: Main	Create additional outbound scale lane to weigh outbound vehicles.	SWT-Solid Waste Trust Funds	020.30-Design Site Ops									
				100,000	-	200,000	-	-	-	-	-	200,000
003346A - New Scale Lane: Main	Create additional outbound scale lane to weigh outbound vehicles.	SWT-Solid Waste Trust Funds	030.30-Constr Site Ops									
				-	-	-	700,000	-	-	-	-	700,000
003346A - New Scale Lane: Main Total				100,000	-	200,000	700,000	-	-	-	-	900,000
003347A - Industrial Waste Treatment Facility Clarifier: Main	Replacement of the Industrial Waste Treatment Facility clarifier.	SWT-Solid Waste Trust Funds	030.30-Constr Site Ops									
				8,650,000	2,600,000	7,600,000	-	-	-	-	-	10,200,000
003347A - Industrial Waste Treatment Facility Clarifier: Main Total				8,650,000	2,600,000	7,600,000	-	-	-	-	-	10,200,000
003350A - New Canopy at Solid Waste Scale House: Main	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: Main	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: Main Total				-	-	-	350,000	3,500,000	-	-	-	3,850,000
004915A - Waste to Energy Enhanced Metals Recovery: Main	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	-	2,000,000	250,000	-	-	-	-	2,250,000
004915A - Waste to Energy Enhanced Metals Recovery: Main	Application of enhanced technology for Metals Recovery from Waste to Energy combustion ash residue.	SWT-Solid Waste Trust Funds	030.30-Constr. Site Ops									
				-	-	-	9,000,000	8,750,000	-	-	-	17,750,000
004915A - Waste to Energy Enhanced Metals Recovery: Main Total				2,000,000	-	2,000,000	9,250,000	8,750,000	-	-	-	20,000,000
004916A - Solid Waste On Site Net Metering: Main	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	-	-	-	-	-	-	850,000
004916A - Solid Waste On Site Net Metering: Main	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 Metering: Main Total				850,000	850,000	2,275,000	5,750,000	-	-	-	-	8,875,000

Solid Waste CIP Budget Detail

Project Number & Name	Description	Funding Source	Task	Adopted FY2023								FY23 Estimate and FY24-29		
				Budget	FY2023 Estimate	FY2024 Planned	FY2025 Planned	FY2026 Planned	FY2027 Planned	FY2028 Planned	FY2029 Planned			
004918A - Organics Processing Facility: Main	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	900,000	
004918A - Organics Processing Facility: Main	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	-	-	-	-	-	-	-	-	-	-	
004918A - Organics Processing Facility: Main Total				-	-	-	-	-	-	-	-	900,000	900,000	
004920A - Solar Floating Array at Solid Waste: Main	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	280,000	500,000	800,000	-	-	-	-	-	1,580,000	
004920A - Solar Floating Array at Solid Waste: Main	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 Waste: Main Total				280,000	280,000	500,000	3,800,000	6,000,000	-	-	-	-	10,580,000	
004921A - Solar Panel Closed Side Slopes at Solid Waste: Main	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	300,000	1,500,000	
004921A - Solar Panel Closed Side Slopes at Solid Waste: Main	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	-	-	-	-	-	-	-	-	7,500,000	7,500,000	
004921A - Solar Panel Closed Side Slopes at Solid Waste: Main Total				-	-	-	-	-	-	-	1,200,000	7,800,000	9,000,000	
004922A - Bulky Waste Processing Station at Solid Waste: Main	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	-	-	2,000,000	1,000,000	-	-	-	-	-	3,000,000	
004922A - Bulky Waste Processing Station at Solid Waste: Main	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: Main Total				-	-	2,000,000	1,000,000	15,000,000	30,000,000	15,000,000	-	-	63,000,000	
004923A - Traffic Improvements at Solid Waste Facility: Main	Design engineering and construction of site roads to accommodate 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: Main	Design engineering and construction of site roads to accommodate 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: Main Total				-	-	75,000	1,125,000	1,000,000	-	-	-	-	2,200,000	
000748A - Side Slope Closures: Main	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: Main	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: Main Total				-	-	-	-	-	4,000,000	4,000,000	-	-	8,000,000	
000752B - Bridgeway Acres Class 1 Landfill Ditch Slope Reconstruction: Main	Reconstruct section of failed existing drainage ditch slope and rehabilitate existing slope protection liner.	SWT-Solid Waste Trust Funds	030.31- Construction	-	-	-	-	-	-	-	-	-	-	
000752B - Bridgeway Acres Class 1 Landfill Ditch Slope Reconstruction: Main Total				-	-	-	-	-	-	-	-	-	-	
003363A - Sod Farm Slurry Wall: Main	Reconstruct sod farm slurry wall.	SWT-Solid Waste Trust Funds	020.31-Design Landfill	300,000	-	300,000	400,000	-	-	-	-	-	700,000	
003363A - Sod Farm Slurry Wall: Main	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: Main Total				300,000	-	300,000	6,400,000	6,000,000	-	-	-	-	-	12,700,000
005213A - Solid Waste Class 1 Litter Fence and Deodorizing Mister System: Main	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	020.31-Design Landfill	-	-	200,000	-	-	-	-	-	-	200,000	
005213A - Solid Waste Class 1 Litter Fence and Deodorizing Mister System: Main	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	-	-	-	-	-	2,000,000	
005213A - Solid Waste Class 1 Litter Fence and Deodorizing Mister System: Main Total				200,000	-	200,000	2,000,000	-	-	-	-	-	-	2,200,000
000854A - Waste-to-Energy (WTE) Discretionary/Force Majeure Work: Main	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	580,000	-	1,330,000	400,000	-	-	-	-	-	1,730,000	

Solid Waste CIP Budget Detail

Project Number & Name	Description	Funding Source	Task	Adopted FY2023								FY23 Estimate and	
				Budget	FY2023 Estimate	FY2024 Planned	FY2025 Planned	FY2026 Planned	FY2027 Planned	FY2028 Planned	FY2029 Planned	FY24-29	
000854A - Waste-to-Energy (WTE) Discretionary/Force Majeure Work: Main Total				580,000	-	1,330,000	400,000	-	-	-	-	-	1,730,000
005212A - Waste to Energy	Modifications to the Waste to Energy tipping floor to	SWT-Solid	030.32-										
Biomedical Waste Acceptance	install a separate hopper and feed system that will	Waste Trust	Constr. WTE										
Modifications: Main	take segregated biomedical waste and deposit it	Funds											
	directly into the boiler feed chutes.												
005212A - Waste to Energy Biomedical Waste Acceptance Modifications: Main Total				-	-	-	-	-	-	-	1,500,000	-	1,500,000
005214A - Solid Waste Influent	The project improves a failed thirsty duct	SWT-Solid	030.32-										
Pumping Station(Thirsty Duct)	system(Influent Pumping Station). The current	Waste Trust	Constr. WTE										
Improvements: Main	system is used to pump storm water/leachate to the	Funds											
	industrial water treatment facility.												
005214A - Solid Waste Influent Pumping Station(Thirsty Duct) Improvements: Main Total				1,300,000	1,300,000	2,800,000	-	-	-	-	-	-	4,100,000
005215A - Waste to Energy	Replacement of various boiler pressure tube bundles	SWT-Solid	030.32-										
Pressure Parts Replacement: Main	in all three Waste to Energy boiler units.	Waste Trust	Constr. WTE										
		Funds											
005215A - Waste to Energy Pressure Parts Replacement: Main Total				-	-	1,800,000	1,800,000	-	-	-	-	-	3,600,000
005537A - Waste to Energy	Replacement of structural steel components	SWT-Solid	020.32-Design										
Structural Steel Replacement of	supporting and providing access to the following air	Waste Trust	WTE										
Baghouses, Baghouses Outlet	pollution control units with Boilers 1,2, and 3.	Funds											
Ducts, and SDA Units: Main													
				500,000	500,000	-	-	-	-	-	-	-	500,000
005537A - Waste to Energy	Replacement of structural steel components	SWT-Solid	030.32-										
Structural Steel Replacement of	supporting and providing access to the following air	Waste Trust	Constr. WTE										
Baghouses, Baghouses Outlet	pollution control units with Boilers 1,2, and 3.	Funds											
Ducts, and SDA Units: Main													
005537A - Waste to Energy Structural Steel Replacement of Baghouses, Baghouses Outlet Ducts, and SDA Units: Main				2,500,000	-	4,605,000	5,000,000	5,000,000	-	-	-	-	14,605,000
				3,000,000	500,000	4,605,000	5,000,000	5,000,000	-	-	-	-	15,105,000
Grand Total				25,781,000	7,525,000	27,964,000	44,884,000	49,130,000	37,575,000	23,275,000	10,275,000	200,628,000	

* Project 001057A is also included in the Utilities CIP Budget Detail Report

Solid Waste CIP Additional Funding

Department *	Total Increase	Funding Source	Increase Amount	Decision Package / Change Request Name	Summary of Request	Description/Justification
Solid Waste	1,900,000	SWT	1,900,000	005214A Solid Waste Influent Pumping Station(Thirsty Duct) Improvements Additional Funding Request	Increase of \$1.9M, or 86%, from \$2.2M to \$4.1M. FY23-FY24. Increase due to current day pricing.	Solid Waste received one bid for construction in the amount of \$2.9M. In June 2022 the Project Manger requested an increase from \$1.9M, \$2.5M. That increase did estimated CEI and post-design services at \$300K, cost is \$1100 per day for 365 days, adding \$400K for CEI and psot-design services. Estimate did not include 10% contingency. Engineer of Record estimated post-design services from Public Works at \$50K, PW entered agreement with EOR to provide post-design services, increased from \$50K to \$217K as well as 10% contingency. Estimates are now at \$3.9M.
Solid Waste	9,105,000	SWT	9,105,000	005537A Waste to Energy Structural Steel Replacement Additional Funding Request	Increase of \$9.1M, or 152%, from \$6.0M to \$15.1M. FY23-FY26. Increase due to expanded scope and current day pricing.	This project was originally managed by contractor Covanta. The contractor's estimates were preliminary and did not include quantities of materials. Solid Waste took over this project and tasked the design engineer to conduct a more thorough inspection. The inspection revealed additional work to be completed. Cost increases are also driven by inflation in steel prices. According to the PPI, structural steel increased 57.1% from Dec 2019 to February 2023 (Source: U.S. Bureau of Labor and Statistics).
Additional Funding Total			11,005,000			

Department	Position Title	Position Number	Job Number	Grade	Vacancy Date	OT
BCC:Solid Waste Department	Chem 1	BCC/C3508	17450	C21	17-Apr-21	Classified/Excluded
BCC:Solid Waste Department	AEO 2	BCC/C4150	2210	C17	17-Jul-21	Classified
BCC:Solid Waste Department	AEO 2	BCC/C4149	2210	C17	15-Jan-22	Classified
BCC:Solid Waste Department	Maint 2	BCC/C2545	13510	C14	11-Mar-22	Classified
BCC:Solid Waste Department	Acctg & Fin Tech	BCC/C1740	10100	C18	18-Dec-22	Classified
BCC:Solid Waste Department	Wk PIng Coord	BCC/C3908	13660	C19	3-May-23	Classified
BCC:Solid Waste Department	Maint 2	BCC/C3921	13510	C14	6-May-23	Classified
BCC:Solid Waste Department	Solid Waste Prog Asst	BCC/C1763	16960	C19	18-May-23	Classified
BCC:Solid Waste Department	Scalhhs Svcs Spec 1	BCC/C4124	16923	C16	22-May-23	Classified
BCC:Solid Waste Department	Scalhhs Svcs Spec 1	BCC/C1742	16923	C16	31-Dec-12	Classified
BCC:Solid Waste Department	Bud & Fin Mgmt Analyst 1	BCC/E1042	2351	E23		Exempt
BCC:Solid Waste Department	Solid Waste Prog Coord	BCC/C4628	16965	C25		Classified/Excluded

Solid Waste	FY23 Adopted	FY24 PROPOSED	Justifications
I. Scalehouse			
I-A. Radio Frequency* Window Sticker	\$18.00	\$18.00	
I-B. Radio Frequency* Transponder	\$35.00	\$35.00	
I-C. Proximity Cards**	\$5.00	\$0	Due to operational change, these are no longer used at the scalehouse
* Transponders and window stickers used for automated lanes at the Scalehouse; charge for initial			
** Proximity Cards - Pre-Programmed Destination Cards for Scalehouse			
II. Disposal (Tipping) Fees (per ton)			
II-A. Municipal Solid Waste	\$47.75	\$ 51.00	Increase applicable to adopted 3 year rate change in fy22
II-B. Commercial Waste	\$47.75	\$ 51.00	Increase applicable to adopted 3 year rate change in fy22
II-C. Yard Waste	\$47.75	\$ 51.00	Increase applicable to adopted 3 year rate change in fy22
II-D. Mulch Rebate	\$0.00	\$0.00	
II-E. Whole Tires (loads containing 5 or more tires are not eligible for flat rate)	\$125.00	\$ 150.00	Increasing to deter haulers from bring out of county tires to our facility
II-F. Passenger Vehicle Flat Rate	\$4.00	\$ 4.25	2020 Analysis did not include increased # of transactions and increased revenues impacting overall service fees
II-G. Unmodified Pickup Trucks and Vans Flat Rate	\$11.00	\$ 11.75	2020 Analysis did not include increased # of transactions and increased revenues impacting overall service fees
II-H. Christmas Trees only (up to 5 trees, no decorations)	\$3.00	\$3.00	
II-I. Out-of-County Surcharge (per ton) to be added to current tipping fee for Municipal Solid Waste,	\$47.75	51	
III. Special Fees			
III-A. Contractor Surcharge (in addition to per ton charge)	\$100.00	\$100.00	
III-B. Special Handling Services Fee (in addition to per ton charge)	\$110.00	\$110.00	
III-C. Fee Waiver (authorized by BCC to allow the County Administrator to modify fees for vehicles	\$0.00	\$0.00	
III-D. Required Deposit***	35%	35%	
*** Percentage of total loaded vehicle weight			
III-E. Personal Protective Equipment Charge	\$20.00	\$20.00	
IV. Collection			
IV-A. Annual Hauler License Fee	\$300.00	\$300.00	
IV-B. Franchise Collection Fee per month (Lealman)	\$16.00	\$ 20.00	FY24 reserves will be depleted if no change. Rate option provided by Raftelis with small incremental increases year over year for fund stabilization

As of April 12, 2023

Forecast Assumptions

	FY24	FY25	FY26	FY27	FY28	FY29
<u>Revenues</u>						
Tipping Fees	6.8%	6.8%	0.0%	0.0%	0.0%	0.0%
Electricity Sales	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Electrical Capacity	-25.0%	-75.0%	0.0%	0.0%	0.0%	0.0%
Recycling Revenue	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Interest	0.3%	0.8%	1.3%	1.8%	2.3%	1.7%
Other revenues	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<u>Expenditures</u>						
Personal Services	3.8%	3.1%	3.1%	3.1%	3.1%	3.1%
Operating Expenses	7.7%	3.8%	3.8%	3.8%	3.8%	3.8%
WTE Service Fee	2.8%	2.8%	2.8%	2.8%	2.8%	2.3%
Landfill Service Fee	2.8%	2.8%	2.8%	2.8%	2.8%	2.3%
Grants & Aids	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Projected Economic Conditions / Indicators:						
Consumer Price Index, % change	7.7%	3.8%	3.8%	3.8%	3.8%	3.8%

As of April 12, 2023

(in \$ thousands)	FORECAST								
	Actual FY22	Budget FY23	Estimated FY23	Estimated FY24	Estimated FY25	Estimated FY26	Estimated FY27	Estimated FY28	Estimated FY29
Beginning Fund Balance	271,080.3	271,080.3	318,300.4	374,370.1	412,465.7	406,206.8	382,124.7	359,044.0	332,352.8
Revenues									
Tipping Fees	48,876.1	45,078.9	51,910.6	55,440.5	59,210.5	59,210.5	59,210.5	59,210.5	59,210.5
Electricity Sales	12,500.7	8,896.6	13,625.8	13,625.8	13,625.8	13,625.8	13,625.8	13,625.8	13,625.8
Electrical Capacity	68,372.3	68,372.4	72,728.3	54,546.2	10,000.0	10,000.0	10,000.0	10,000.0	10,000.0
Recycling Revenue	1,616.5	550.6	843.6	843.6	843.6	843.6	843.6	843.6	843.6
Enhanced Metals/Ash Cleaning	113.8	0.0	43.4	0.0	0.0	0.0	3,000.0	3,000.0	3,000.0
Interest	2,117.3	490.1	1,354.0	1,123.1	1,123.1	1,123.1	1,123.1	1,123.1	1,123.1
Other Revenues	(7,185.5)	26.6	31.9	31.9	31.9	31.9	31.9	31.9	31.9
Reimbursement - Irma	557.3	0.0	250.3	0.0	0.0	0.0	0.0	0.0	0.0
Grants (e.g. Artificial Reef, JPA with FDOT, etc.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Revenues	126,968.6	123,415.2	140,787.9	125,611.2	84,834.9	84,834.9	87,834.9	87,834.9	87,834.9
% vs prior year		-2.8%	10.9%	-10.8%	-32.5%	0.0%	3.5%	0.0%	0.0%
Total Resources	398,048.9	394,495.5	459,088.3	499,981.3	497,300.6	491,041.7	469,959.6	446,878.9	420,187.7
Expenditures									
Personal Services	6,490.4	7,006.2	6,481.8	6,725.6	6,932.1	7,145.0	7,364.6	7,591.1	7,824.6
Operating Expenses	9,312.3	15,691.6	11,783.4	12,690.7	13,166.6	13,660.3	14,172.6	14,704.1	15,255.5
WTE Contract Services	29,657.0	30,507.6	29,096.4	29,911.1	30,748.6	31,609.6	32,494.7	33,404.5	34,172.8
Landfill Contract Services	11,827.2	12,749.2	12,817.7	13,176.6	13,545.5	13,924.8	14,314.7	14,715.5	15,054.0
Grants & Aids	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	6,611.3	6,859.3	7,116.5	7,383.4	7,660.2	7,947.5
Capital Equipment	158.7	295.5	233.2	233.2	435.7	435.7	435.7	435.7	435.7
Capital Outlay	16,234.3	22,039.0	17,667.0	17,667.0	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	87,515.6	91,093.8	108,916.9	110,915.6	114,526.1	98,890.1
% vs prior year		19.1%	6.2%	3.3%	4.1%	19.6%	1.8%	3.3%	-13.7%
Ending Fund Balance	318,300.4	299,501.4	374,370.1	412,465.7	406,206.8	382,124.7	359,044.0	332,352.8	321,297.6
Ending balance as % of Revenue	250.7%	242.7%	265.9%	328.4%	478.8%	450.4%	408.8%	378.4%	365.8%
Total Requirements	398,048.9	394,495.5	459,088.3	499,981.3	497,300.6	491,041.7	469,959.6	446,878.9	420,187.7
Revenue minus Expenditures	47,220.1	28,421.1	56,069.7	38,095.6	(6,258.9)	(24,082.0)	(23,080.7)	(26,691.2)	(11,055.2)

* 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.