

SOLID WASTE MANAGEMENT DEPARTMENT SUMMARY

MISSION STATEMENT:

The mission of the Solid Waste Management Department is to protect public health by providing an efficient and environmentally sound solid waste management system for the County's citizens.

PROGRAMS AND SERVICES:

ACCOMPLISHMENTS, INITIATIVES, TRENDS AND ISSUES AND SERVICE LEVEL IMPACTS:

Disposal:

Accomplishments:

- Completed the renovation of the old maintenance building into a storage building
- Started the design of the Central Disposal Facility southern landfill Cell 2
- The new Titusville Transfer Station has commenced the permitting process

Initiatives:

- The design and permitting of solar panels for the Sarno Road Transfer station will start this summer with the result of a decrease of the electrical consumption of currently around \$3,000 a month
- Design of a landfill gas collection main pipe will be undertaken for the Central Disposal Facility Cell 1

Trends and Issues:

- Revenue projection for the assessment has been estimated at a three percent increase based on construction trends; gate charges were also increased based on Fiscal Year 2020 revenues received and projected to be received by the end of the year; we anticipate a decrease in the sale of recyclables collected in our facilities due to market conditions
- The Sarno Road Landfill replacement is undergoing an evaluation of an alternative to U S 192
- The Department will continue to explore the use of solar energy to help power our facilities and reduce our operating expenses

Service Level Impacts:

Not Applicable

Collection and Recycling Program:

Accomplishments:

- A Request for Proposals for the collection of residential solid waste was awarded to Waste Management of Florida, Inc.; negotiations were concluded resulting in an estimated increase in the cost to the single-family home of 39%. This increase was the lowest of all the proposals received

Initiatives:

- The recycling staff will focus on increasing the recycling rate
- The Department intends to focus on increasing commercial recycling now that the Waste Management Materials Recovery Facility has opened
- The Department will also focus on decreasing the 20% overage of the residential recycling stream

Trends and Issues:

- The Department continues to emphasize the benefits of recycling through its education and outreach programs

SOLID WASTE MANAGEMENT DEPARTMENT: SUMMARY

Solid Waste Management Department Revenue & Expense Category	Actual F Y 2018-2019	Final Budget F Y 2019-2020	Adopted Budget F Y 2020-2021	Difference	% Change
Taxes Revenue	\$0	\$0	\$0	\$0	0.00%
Permits, Fees & Special Assessment Revenue	\$775,724	\$453,200	\$471,109	\$17,909	3.95%
Intergovernmental Revenue	\$185,160	\$0	\$0	\$0	0.00%
Charges for Services Revenue	\$40,620,654	\$40,711,175	\$47,795,067	\$7,083,892	17.40%
Fines and Forfeits Revenue	\$0	\$0	\$0	\$0	0.00%
Miscellaneous Revenue	\$2,449,079	\$1,141,739	\$1,060,878	-\$80,861	-7.08%
Statutory Reduction	\$0	-\$2,104,971	-\$2,466,353	-\$361,382	17.17%
Total Operating Revenues	\$44,030,617	\$40,201,143	\$46,860,701	\$6,659,558	16.57%
Balance Forward Revenue	\$71,620,520	\$74,010,899	\$72,034,633	\$1,976,266	-2.67%
Transfers - General Revenue	\$0	\$0	\$0	\$0	0.00%
Transfers - Other Revenue	\$0	\$0	\$0	\$0	0.00%
Other Finance Source Revenue	\$0	\$0	\$0	\$0	0.00%
Total Non-Operating Revenues	\$71,620,520	\$74,010,899	\$72,034,633	\$1,976,266	-2.67%
TOTAL REVENUES	\$115,651,137	\$114,212,042	\$118,895,334	\$4,683,292	4.10%
Compensation and Benefits Expense	\$8,408,348	\$9,148,163	\$9,416,842	\$268,679	2.94%
Operating Expense	\$28,751,312	\$29,368,960	\$34,415,009	\$5,046,049	17.18%
Capital Outlay Expense	\$2,570,416	\$4,888,174	\$4,881,381	-\$6,793	-0.14%
Operating Expenditures	\$39,730,076	\$43,405,297	\$48,713,232	\$5,307,935	12.23%
C I P Expense	\$409,065	\$12,100,000	\$19,084,557	\$6,984,557	57.72%
Debt Service Expense	\$1,037,354	\$868,399	\$871,300	\$2,901	0.33%
Reserves-Operating Expense	\$0	\$4,535,116	\$6,587,616	\$2,052,500	45.26%
Reserves - Capital Expense	\$0	\$14,700,635	\$8,325,369	\$6,375,266	43.37%
Reserves - Restricted Expense	\$0	\$36,989,998	\$33,682,217	\$3,307,781	-8.94%
Grants and Aid Expense	\$0	\$0	\$0	\$0	0.00%

Solid Waste Management Department Revenue & Expense Category	Actual F Y 2018-2019	Final Budget F Y 2019-2020	Adopted Budget F Y 2020-2021	Difference	% Change
Transfers Expense	\$1,403,406	\$1,612,597	\$1,631,043	\$18,446	1.14%
Total Non-Operating Expenses	\$2,849,825	\$70,806,745	\$70,182,102	-\$624,643	-0.88%
TOTAL EXPENDITURES	\$42,579,900	\$114,212,042	\$118,895,334	\$4,683,292	4.10%

SOLID WASTE MANAGEMENT DEPARTMENT: DISPOSAL

Disposal Program Revenue & Expense Category	Actual F Y 2018-2019	Final Budget F Y 2019-2020	Adopted Budget F Y 2020-2021	Difference	% Change
Taxes Revenue	\$0	\$0	\$0	\$0	0.00%
Permits, Fees & Special Assessments Revenue	\$775,724	\$453,200	\$471,109	\$17,909	3.95%
Intergovernmental Revenue	\$185,160	\$0	\$0	\$0	0.00%
Charges for Services Revenue	\$27,497,373	\$27,217,464	\$27,819,559	\$602,095	2.21%
Fines and Forfeits Revenue	\$0	\$0	\$0	\$0	0.00%
Miscellaneous Revenue	\$2,223,120	\$990,527	\$987,393	-\$3,134	-0.32%
Statutory Reduction	\$0	-\$1,422,725	-\$1,463,903	-\$41,178	2.89%
Total Operating Revenues	\$30,681,377	\$27,238,466	\$27,814,158	\$575,692	2.11%
Balance Forward Revenue	\$66,558,774	\$69,282,223	\$68,365,866	-\$916,357	-1.32%
Transfers - General Revenue	\$0	\$0	\$0	\$0	0.00%
Transfers - Other Revenue	\$0	\$0	\$0	\$0	0.00%
Other Finance Source Revenue	\$0	\$0	\$0	\$0	0.00%
Non-Operating Revenues	\$66,558,774	\$69,282,223	\$68,365,866	-\$916,357	-1.32%
TOTAL REVENUES	\$97,240,151	\$96,520,689	\$96,180,024	-\$340,665	-0.35%
Compensation and Benefits Expense	\$8,408,348	\$9,148,163	\$9,416,842	\$268,679	2.94%
Operating Expense	\$15,422,037	\$15,690,684	\$15,589,911	-\$100,773	-0.64%
Capital Outlay Expense	\$2,570,416	\$4,888,174	\$4,881,381	-\$6,793	-0.14%
Operating Expenses	\$26,400,801	\$29,727,021	\$29,888,134	\$161,113	0.54%
C I P Expense	\$409,065	\$12,100,000	\$19,084,557	\$6,984,557	57.72%
Debt Service Expense	\$862,391	\$868,399	\$871,300	\$2,901	0.33%
Reserves-Operating Expense	\$0	\$2,212,039	\$4,387,404	\$2,175,365	98.34%

Disposal Program Revenue & Expense Category	Actual F Y 2018- 2019	Final Budget F Y 2019- 2020	Adopted Budget F Y 2020- 2021	Difference	% Change
Reserves - Capital Expense	\$0	\$14,700,635	\$8,325,369	\$6,375,266	-43.37%
Reserves - Restricted Expense	\$0	\$35,589,998	\$32,282,217	\$3,307,781	-9.29%
Grants and Aid Expense	\$0	\$0	\$0	\$0	0.00%
Transfers Expense	\$1,200,276	\$1,322,597	\$1,341,043	\$18,446	1.39%
Non-Operating Expenses	\$2,471,732	\$66,793,668	\$66,291,890	-\$501,778	-0.75%
TOTAL EXPENSES	\$28,872,533	\$96,520,689	\$96,180,024	-\$340,665	-0.35%

DISPOSAL: BUDGET VARIANCES

Disposal Program Revenue and Expense Category	Variance	% Variance	Explanation
Taxes Revenue	\$0	0.00%	
Permits, Fees & Special Assessments Revenue	\$17,909	3.95%	Attributable to the increase in building projected for the County as well as historical data suggesting an increased projection for Impact Fee collections
Intergovernmental Revenue	\$0	0.00%	
Charges for Services Revenue	\$602,095	2.21%	Attributable to the increase in Solid Waste Assessments and Gate Charges at the landfills offset by a projected decrease in Landfill Gas Sales
Fines and Forfeits Revenue	\$0	0.00%	
Miscellaneous Revenue	-\$3,134	-0.32%	Attributable to an decrease in the projection of Interest revenue based on lower fund values
Statutory Reduction	-\$41,178	2.89%	Corresponds with changes to Operating Revenues
Balance Forward Revenue	-\$916,357	-1.32%	Attributable to an increase in contract expenditures and less than anticipated projected revenues related to Sale of Surplus Equipment and Other Miscellaneous revenues in Fiscal Year 2020
Transfers - General Revenue	\$0	0.00%	

Disposal Program Revenue and Expense Category	Variance	% Variance	Explanation
Transfers - Other Revenue	\$0	0.00%	
Other Finance Source Revenue	\$0	0.00%	
Compensation and Benefits Expense	\$268,679	2.94%	Attributable to Cost of Living Adjustments and F R S rate increases
Operating Expense	-\$100,773	-0.64%	Primarily attributable to a reduction in Other Contracted Services expenses related to pending capital projects that are being deferred to future years offset by increases in Other Current Charges and Repair and Maintenance on department facilities
Capital Outlay Expense	-\$6,793	-0.14%	Attributable to decreases in the purchase of heavy equipment that is expected to be purchased in Fiscal Year 2021
Grants and Aid Expense	\$0	0.00%	
C I P Expense	\$6,984,557	57.72%	Attributable to the increased expenses related to the progression of several Capital Improvement projects including the new Titusville Transfer Station and Cell II at the Central Disposal Facility
Debt Service Expense	\$2,901	0.33%	Increase corresponds with amortization schedules
Reserves-Operating Expense	\$2,175,365	98.34%	Increase is attributable to utilization of a portion of Operating Reserves in Fiscal Year 2020 as a result of increased contract costs; in Fiscal Year 2021 the Operating Reserves are being replenished by curtailing operating expense across the department
Reserves - Capital Expense	\$6,375,266	-43.37%	Attributable to the increased cost of heavy equipment which needs to be replaced early due to maintenance issues as well the utilization of these funds to fund Capital Improvement Projects in Fiscal Year 2021

Disposal Program Revenue and Expense Category	Variance	% Variance	Explanation
Reserves - Restricted Expense	- \$3,307,781	-9.29%	Attributable to the Slurry Wall closure project at the Central Disposal Facility
Transfers Expense	\$18,446	1.39%	Attributable to increased costs in transfer for Code Enforcement support in landfills

SOLID WASTE MANAGEMENT DEPARTMENT: COLLECTIONS

Collections Program Revenue & Expense Category	Actual F Y 2018-2019	Final Budget F Y 2019-2020	Adopted Budget F Y 2020-2021	Difference	% Change
Taxes Revenue	\$0	\$0	\$0	\$0	0.00%
Permits, Fees & Special Assessments Revenue	\$0	\$0	\$0	\$0	0.00%
Intergovernmental Revenue	\$0	\$0	\$0	\$0	0.00%
Charges for Services Revenue	\$13,123,281	\$13,493,711	\$19,975,508	\$6,481,797	48.04%
Fines and Forfeits Revenue	\$0	\$0	\$0	\$0	0.00%
Miscellaneous Revenue	\$225,960	\$151,212	\$73,485	-\$77,727	-51.40%
Statutory Reduction	\$0	-\$682,246	-\$1,002,450	-\$320,204	46.93%
Total Operating Revenues	\$13,349,240	\$12,962,677	\$19,046,543	\$6,083,866	46.93%
Balance Forward Revenue	\$5,061,746	\$4,728,676	\$3,668,767	\$1,059,909	-22.41%
Transfers - General Revenue	\$0	\$0	\$0	\$0	0.00%
Transfers - Other Revenue	\$0	\$0	\$0	\$0	0.00%
Other Finance Source Revenue	\$0	\$0	\$0	\$0	0.00%
Non-Operating Revenues	\$5,061,746	\$4,728,676	\$3,668,767	\$1,059,909	-22.41%
TOTAL REVENUES	\$18,410,986	\$17,691,353	\$22,715,310	\$5,023,957	28.40%
Compensation and Benefits Expense	\$0	\$0	\$0	\$0	0.00%
Operating Expense	\$13,329,275	\$13,678,276	\$18,825,098	\$5,146,822	37.63%
Capital Outlay Expense	\$0	\$0	\$0	\$0	0.00%
Operating Expenses	\$13,329,275	\$13,678,276	\$18,825,098	\$5,146,822	37.63%
C I P Expense	\$0	\$0	\$0	\$0	0.00%
Debt Service Expense	\$174,963	\$0	\$0	\$0	0.00%
Reserves-Operating Expense	\$0	\$2,323,077	\$2,200,212	-\$122,865	-5.29%
Reserves - Capital Expense	\$0	\$0	\$0	\$0	0.00%
Reserves - Restricted Expense	\$0	\$1,400,000	\$1,400,000	\$0	0.00%
Grants and Aid Expense	\$0	\$0	\$0	\$0	0.00%
Transfers Expense	\$203,130	\$290,000	\$290,000	\$0	0.00%
Non-Operating Expenses	\$378,093	\$4,013,077	\$3,890,212	-\$122,865	-3.06%

Collections Program Revenue & Expense Category	Actual F Y 2018- 2019	Final Budget F Y 2019- 2020	Adopted Budget F Y 2020- 2021	Difference	% Change
<i>TOTAL EXPENSES</i>	\$13,707,367	\$17,691,353	\$22,715,310	\$5,023,957	28.40%

COLLECTIONS: BUDGET VARIANCES

Collections Program Revenue and Expense Category	Variance	% Variance	Explanation
Taxes Revenue	\$0	0.00%	
Permits, Fees & Special Assessments Revenue	\$0	0.00%	
Intergovernmental Revenue	\$0	0.00%	
Charges for Services Revenue	\$6,481,797	48.04%	Attributable to an increase in the Solid Waste Collection Assessment
Fines and Forfeits Revenue	\$0	0.00%	
Miscellaneous Revenue	-\$77,727	-51.40%	Attributable to lower Miscellaneous Revenue estimates associated with the sale of surplus materials based on historical trends as well as decreases in recycling commodities markets
Statutory Reduction	-\$320,204	46.93%	Coincides with increase in Operating Revenue
Balance Forward Revenue	- \$1,059,909	-22.41%	Attributable to current projections of less than anticipated revenues such as Sale of Surplus Material and Other Miscellaneous Revenues as well as the utilization of Balance Forward for Operating Expenses in Fiscal Year 2020
Transfers - General Revenue	\$0	0.00%	
Transfers - Other Revenue	\$0	0.00%	
Other Finance Source Revenue	\$0	0.00%	
Compensation and Benefits Expense	\$0	0.00%	
Operating Expense	\$5,146,822	37.63%	Attributable to an increase in the current collection contract
Capital Outlay Expense	\$0	0.00%	
Grants and Aid Expense	\$0	0.00%	
C I P Expense	\$0	0.00%	
Debt Service Expense	\$0	0.00%	
Reserves-Operating Expense	-\$122,865	-5.29%	Attributable to an increase in costs associated with the current collection contract
Reserves - Capital Expense	\$0	0.00%	
Reserves - Restricted Expense	\$0	0.00%	
Transfers Expense	\$0	0.00%	

**SOLID WASTE MANAGEMENT DEPARTMENT
PERFORMANCE MEASURES**

PROGRAM	OBJECTIVE	MEASURE	ACTUAL FY 2018-2019	ESTIMATE D FY 2019-2020	PROJECTE D FY 2020-2021
Disposal	Safeguard Life, Safety and Property; Maintaining Levels of Service	Tons Handled by Solid Waste Facilities	774,306	878,195	895,759
Disposal	Improve Effectiveness	Rate of Landfill Compaction-Central Disposal Facility (pounds per cubic yard)	Currently Unavailable	1,575	1,575
Disposal	Improve Effectiveness	Rate of Landfill Compaction-Sarno Landfill (pounds per cubic yard)	Currently Unavailable	1,375	1,375
Disposal	Effective & Efficient Operations	Total Operations and Maintenance Cost per ton	30.63	31.24	31.87
Collection and Recycling	Provide Cultural and Recreational Services as well as protect and conserve our natural resources	Recycling Programs	356	195	195
Collection and Recycling	Deliver Excellent Customer Service	Total Complaints	250	250	250

**SOLID WASTE MANAGEMENT DEPARTMENT
FISCAL YEAR 2020-2021 TRAVEL A&B SUMMARY**

Program Name	Description	Position	Destination	Funding Source	Total Cost
Disposal	Solid Waste Association of North America - Summer Seminar	Director	T B D	User Fees	\$1,445
Disposal	Education for Transfer Station Certification	Director	T B D	User Fees	\$1,178
Disposal	Florida Department of Environmental Regulation	Director	Tallahassee, Florida	User Fees	\$455
Disposal	Florida Department of Environmental Regulation	Director	Tallahassee, Florida	User Fees	\$455
Disposal	Florida chapter North American Hazardous Material Management Association Regulatory/Compliance Workshop	Environmental Scientist	T B D	User Fees	\$897
Disposal	Recycle Florida Today Annual Conference	Recycling Coordinator	T B D, Florida	User Fees	\$1,210
Disposal	Solid Waste Association of North America - Summer Seminar	Operations Manager	T B D	User Fees	\$1,445
Disposal	Education for Transfer Station Certification	Operations Manager	T B D	User Fees	\$1,108
Disposal	Rules, Laws and Ethics Course	Engineer III	T B D, Florida	User Fees	\$150
Disposal	Solid Waste Association of North America	4 Heavy Equipment Operators	T B D	User Fees	\$2,235
Total Funded For Department					\$10,578

**SOLID WASTE MANAGEMENT DEPARTMENT
FISCAL YEAR 2020-2021 CAPITAL OUTLAY SUMMARY**

Program Name	Description	Quantity	Unit Cost	Funding Source	Total Cost
Disposal	Truck, Fuel	1	\$365,000	Assessments	\$365,000
Disposal	Trailer, Mounted Generator	1	\$27,851	Assessments	\$27,851
Disposal	Vacuum, Allianz	1	\$45,088	Assessments	\$45,088
Disposal	Dozer, D 7 R Caterpillar	1	\$775,499	Assessments	\$775,499
Disposal	Compactor	1	\$1,023,199	Assessments	\$1,023,199
Disposal	Loader, 644 K	1	\$431,006	Assessments	\$431,006
Disposal	Truck, Dump, J D 370 E	3	\$700,000	Assessments	\$2,100,000
Disposal	Mower, 4493 Bad Boy	1	\$10,130	Assessments	\$10,130
Disposal	Wastequip Roll-off Container	1	\$5,758	Assessments	\$5,758
Disposal	Desktop Computer	10	\$1,600	Assessments	\$16,000
Disposal	Server	1	\$9,500	Assessments	\$9,500
Disposal	Printer, Network	1	\$2,950	Assessments	\$2,950
Disposal	Pressure Washer	1	\$1,300	Assessments	\$1,300
Disposal	Table, Exterior 10'	1	\$2,000	Assessments	\$2,000
Disposal	Pressure Washer	1	\$1,300	Assessments	\$1,300
Disposal	Landfill, G P S	4	\$11,750	Assessments	\$47,000
Disposal	Air Compressor	1	\$3,200	Assessments	\$3,200
Disposal	Fluid Exchange Tank	1	\$2,100	Assessments	\$2,100
Disposal	Bottle Jacks	2	\$1,950	Assessments	\$3,900
Disposal	J P R O Diagnostic Tool	1	\$7,000	Assessments	\$7,000
Disposal	3/4 Drive Socket Set	1	\$1,600	Assessments	\$1,600
Total Funded For Department					\$4,881,381

Special Note:

In accordance with Brevard County Board of County Commissioners' Policy BCC-24, Procurement, this form satisfies Directive III. E. 4., requiring a detailed list of approved capital outlay items and equipment to be reviewed and approved by the Board during the Budget process.

**SOLID WASTE MANAGEMENT DEPARTMENT
FISCAL YEAR 2020-2021 CAPITAL IMPROVEMENTS PROGRAM**

Program Name	Description	Funding Source	Total Cost
Disposal	U.S. 192 Site	Assessments	\$5,824,557
Disposal	Titusville Transfer Station	Assessments, Impact Fees	\$4,000,000
Disposal	South Landfill Expansion Cell 2	Assessments, Impact Fees	\$5,250,000
Disposal	Sarno Road Transfer Station Solar Panels	Assessments	\$400,000
Disposal	South Landfill Expansion Gas Header	Assessments	\$2,500,000
Disposal	Multi-Use Education Facility	Assessments	\$410,000
Disposal	Mockingbird Way Mulching Facility Expansion	Assessments	\$700,000
Total Funded For Department			\$19,084,557