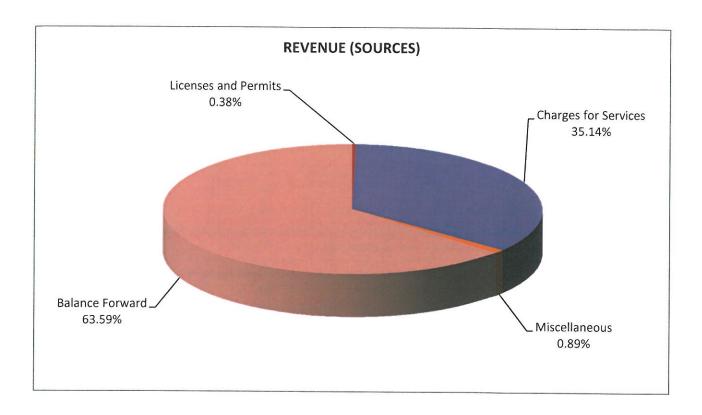
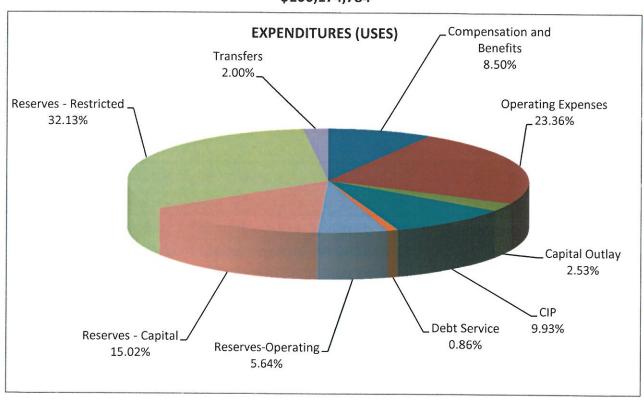


SOLID WASTE MANAGEMENT DEPARTMENT



ADOPTED BUDGET FY2016-2017 \$100,174,784



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 PROGRAM

Accomplishments:

- Initiated process for the construction of a new entrance road and scale house at the Central Disposal Facility (This will increase queuing space inside our property, as well as, increase processing capacity by the addition of an unmanned third scale)
- The Department continues to make progress on the US Highway 192 project
 - To date, one major permit received Solid Waste Permit
 - Submitted applications for the two major permits
 - Florida Department of Environmental Protection Environmental Resources Permit (ERP)
 - A Notice of Intent to Issue was received
 - United States Corps of Engineers Section 404 Standard Permit
 - o On target to pursue additional minor permits in tandem with receipt of the major permits as stated above
 - Deservet ranches and two other entities have filed for administrative hearing

Initiatives:

- The filling of the north lake in the Sarno Road Landfill continues in order to expand the footprint by 10 acres
- Begin constructing the parking lot for the Maintenance Building
- Investigate the repurposing of the old maintenance building for dry storage (Reducing load bearing on the floor could potentially reduce expenses when compared to other alternatives)

Trends and Issues:

Recent aerial surveys have shown that both the slurry wall and the Sarno Road landfill capacities will last slightly longer than anticipated.

- This is a result of lower than anticipated tonnage, and a redesigning of the side slopes as well as increasing the height of the slurry wall landfill
- The Department continues progress on the US Highway 192 site, which will be developed to replace the Sarno Road landfill
- o The Department will explore the use of solar energy to help power our facilities and reduce our operating expenses
- o The life of the current slurry wall landfill located at the Central Disposal Facility will reach capacity by March 2018
- o Construction of a new cell has begun in the expansion area

Service Level Impacts:

N/A

SOLID WASTE MANAGEMENT DEPARTMENT SUMMARY

COLLECTION AND RECYCLING PROGRAM

Accomplishments:

- Exceeded the fifty percent recycling goal set by the State of Florida for December 2014 (Current recycling percentage is fifty-five percent)
- In the third year of a seven-year collection contract and the following has been accomplished
 - o All carts have been delivered to the residents of unincorporated Brevard County
 - o The Compressed Natural Gas (CNG) station for south Brevard has been completed and is operational
 - o Construction has started the for the north Brevard CNG station
 - o All CNG vehicles for southern Brevard County have been delivered and are operational
 - o All CNG vehicles for northern Brevard County have been delivered and are operational
 - o The Material Recovery Facility for processing recyclables has been built and is operational

Initiatives:

- 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:

Since the inception of the new collection contract and the transition to carts, the recycling tonnage has increased over the same period a year ago by 36 percent in the unincorporated area. The Department continues to emphasize the benefits of recycling through its education and outreach programs. Transition to the new contract is expected to be completed this year with the construction of the north CNG fueling station. Prices for the sale of recyclables has fallen dramatically mainly due to the Chinese market. The sale of recyclables is expected to recuperate slowly over a time period of one to two years.

Service Level Impacts:

N/A

SOLID WASTE MANAGEMENT DEPARTMENT: DEPARTMENT SUMMARY

DEPARTMENT REVENUES AND EXPENDITURES

		Final	Adopted		
	Actual	Budget	Budget		%
	FY2014-2015	FY2015-2016	FY2016-2017	Difference	(Inc)/Dec
REVENUES:					9
Taxes	\$355	\$0	\$0	\$0	0.00%
Permits, Fees & Spec. Assess.	\$493,118	\$386,000	\$396,000	\$10,000	2.59%
Intergovernmental	\$0	\$0	\$0	\$0	0.00%
Charges for Services	\$37,060,238	\$37,005,209	\$37,055,181	\$49,972	0.14%
Fines and Forfeits	, \$0	\$0	\$0	\$0	0.00%
Miscellaneous	\$1,228,123	\$1,244,619	\$943,247	(\$301,372)	(24.21%)
Statutory Reduction	\$0	(\$1,931,792)	(\$1,919,722)	\$12,070	(0.62%)
Operating Revenues	\$38,781,834	\$36,704,036	\$36,474,706	(\$229,330)	(0.62%)
Balance Forward	\$78,335,745	\$77,467,095	\$63,700,078	(\$13,767,017)	(17.77%)
Transfers - General Revenue	\$0	\$0	\$0	\$0	0.00%
Transfers - Other	\$0	\$0	\$0	\$0	0.00%
Other Finance Source	\$0	\$10,425,325	\$0	(\$10,425,325)	(100.00%)
Non-Operating Revenues	\$78,335,745	\$87,892,420	\$63,700,078	(\$24,192,342)	(27.52%)
TOTAL REVENUES	\$117,117,579	\$124,596,456	\$100,174,784	(\$24,421,672)	(19.60%)
EXPENDITURES:					
Compensation and Benefits	\$7,998,322	\$8,579,023	\$8,515,909	(\$63,114)	(0.74%)
Operating Expenses	\$24,257,148	\$22,669,385	\$23,404,474	\$735,089	3.24%
Capital Outlay	\$2,955,219	\$3,275,259	\$2,537,378	(\$737,881)	(22.53%)
Grants and Aid	\$0	\$0	\$0	\$0	0.00%
Operating Expenditures	\$35,210,689	\$34,523,667	\$34,457,761	(\$65,906)	(0.19%)
CIP	\$4,441,456	\$37,987,279	\$9,949,016	(\$28,038,263)	(72.010()
Debt Service	\$0	\$535,000	\$865,218	\$330,218	(73.81%)
Reserves-Operating	\$0	\$5,940,167	\$5,653,447	(\$286,720)	61.72% (4.83%)
Reserves - Capital	\$0	\$12,780,456	\$15,051,003	\$2,270,547	17.77%
Reserves - Restricted	\$0	\$30,963,729	\$32,190,712	\$1,226,983	3.96%
Transfers	\$1,754,044	\$1,866,158	\$2,007,627	\$141,469	7.58%
Non-Operating Expenditures	\$6,195,500	\$90,072,789	\$65,717,023	(\$24,355,766)	(27.04%)
TOTAL EXPENDITURES	\$41,406,189	\$124,596,456	\$100,174,784	(\$24,421,672)	(19.60%)
PERSONNEL:					
Full-time positions	144.00	144.00	144.00	0.00	0.00%
Part-time Positions	0.00	0.00	0.00	0.00	0.00%
Full-time Equivalent	144.00	144.00	144.00	0.00	0.00%
Temporary FTE	0.00	0.00	0.00	0.00	0.00%
Seasonal FTE	0.00	0.00	0.00	0.00	0.00%



DISPOSAL: PROGRAM PROFILE

PROGRAM REVENUES AND EXPENDITURES

		Final	Adopted		
	Actual	Budget	Budget		%
	FY2014-2015	FY2015-2016	FY2016-2017	Difference	(Inc)/Dec
REVENUES:					
Taxes	\$355	\$0	\$0	\$0	0.00%
Permits, Fees & Spec. Assess.	\$493,118	\$386,000	\$396,000	\$10,000	0.00% 2.59%
Intergovernmental	\$0	\$0	\$0	\$10,000	0.00%
Charges for Services	\$25,210,026	\$24,912,415	\$25,031,570	\$119,155	0.48%
Fines and Forfeits	\$0	\$0	\$0	\$0	0.48%
Miscellaneous	\$833,114	\$832,094	\$787,439	(\$44,655)	(5.37%)
Statutory Reduction	\$0	(\$1,306,526)	(\$1,310,751)	(\$4,225)	0.32%
Operating Revenues	\$26,536,613	\$24,823,983	\$24,904,258	\$80,275	0.32%
Balance Forward	\$70,284,387	\$69,703,692	\$55,936,675	(\$13,767,017)	(10.75%)
Transfers - General Revenue	\$0	\$03,703,032	\$0,530,673	(\$15,767,017)	(19.75%) 0.00%
Transfers - Other	\$0	\$0	\$0	\$0 \$0	0.00%
Other Finance Source	\$0	\$10,425,325	\$0	(\$10,425,325)	(100.00%)
Non-Operating Revenues	\$70,284,387	\$80,129,017	\$55,936,675	(\$24,192,342)	(30.19%)
TOTAL REVENUES	\$96,821,000	\$104,953,000	\$80,840,933	(\$24,112,067)	(22.97%)
EXPENDITURES					
Compensation and Benefits	\$7,998,322	\$8,579,023	\$8,515,909	(\$63,114)	(0.74%)
Operating Expenses	\$11,992,385	\$10,188,077	\$10,954,288	\$766,211	7.52%
Capital Outlay	\$2,955,219	\$3,275,259	\$2,537,378	(\$737,881)	(22.53%)
Grants and Aid	\$0	\$0	\$0	\$0	0.00%
Operating Expenditures	\$22,945,926	\$22,042,359	\$22,007,575	(\$34,784)	(0.16%)
CIP	\$4,441,456	\$37,987,279	\$9,949,016	(\$28,038,263)	(73.81%)
Debt Service	\$0	\$535,000	\$865,218	\$330,218	61.72%
Reserves-Operating	\$0	\$3,621,342	\$3,282,997	(\$338,345)	(9.34%)
Reserves - Capital	\$0	\$12,780,456	\$15,051,003	\$2,270,547	17.77%
Reserves - Restricted	\$0	\$26,410,746	\$28,008,880	\$1,598,134	6.05%
Transfers	\$1,492,925	\$1,575,818	\$1,676,244	\$100,426	6.37%
Non-Operating Expenditures	\$5,934,381	\$82,910,641	\$58,833,358	(\$24,077,283)	(29.04%)
TOTAL EXPENDITURES	\$28,880,307	\$104,953,000	\$80,840,933	(\$24,112,067)	(22.97%)
PERSONNEL:				I	
Full-time positions	144.00	144.00	144.00	0.00	0.00%
Part-time Positions	0.00	0.00	0.00	0.00	0.00%
Full-time Equivalent	144.00	144.00	144.00	0.00	0.00%
Temporary FTE	0.00	0.00	0.00	0.00	0.00%
Seasonal FTE	0.00	0.00	0.00	0.00	0.00%

DISPOSAL: BUDGET VARIANCES

REVENUES	VARIANCE	% VARIANCE	EXPLANATION
Taxes	\$0	0.00%	
Permits, Fees & Spec. Assess.	\$10,000	2.59%	A small increase derived from impact fees is projected
Intergovernmental	\$0	0.00%	
Charges for Services	\$119,155	0.48%	Based on prior fiscal year activity, assessments and landfill gate receipts are projected to rise
Fines and Forfeits	\$0	0.00%	
Miscellaneous	(\$44,655)	(5.37%)	Due to lower market prices, revenue generated from the sale of surplus materials and scrap is expected to decline
Statutory Reduction	(\$4,225)	0.32%	Variance corresponds with change in Operating Revenue
Balance Forward	(\$13,767,017)	(19.75%)	Decrease is due to an increase in expenses related to the new Scale House and Cell 1 expansion projects
Transfers - General Revenue	\$0	0.00%	
Transfers - Other	\$0	0.00%	
Other Finance Source	(\$10,425,325)	(100.00%)	This reduction represents one-time bond financing in the prior fiscal year for the Central Disposal Facility (CDF) Cell 1 project

DISPOSAL: BUDGET VARIANCES

EXPENDITURES	VARIANCE	% VARIANCE	EXPLANATION
Compensation and Benefits	(\$63,114)	(0.74%)	This reflects employee turnover within the different department cost centers
Operating Expenses	\$766,211	7.52%	Commodity prices for landfill items are expected to increase
Capital Outlay	(\$737,881)	(22.53%)	This variance is associated with the planned reduction in vehicles and heavy equipment purchases for this fiscal year, accomplished by deferring purchases until FY2018
Grants and Aid	\$0	0.00%	
CIP	(\$28,038,263)	(73.81%)	Slurry Wall Closure, Scale House and a majority of Cell 1 capital projects were completed in FY2016
Debt Service	\$330,218	61.72%	Represents new loan for Central Disposal Facility Cell 1 project debt service payments
Reserves-Operating	(\$338,345)	(9.34%)	Funding is allocated towards the load for the Cell 1 project debt service payments
Reserves - Capital	\$2,270,547	17.77%	Fewer equipment purchases and lower capital project costs are anticipated in FY2017
Reserves - Restricted	\$1,598,134	6.05%	Additional funding represents deposits appropriated for the Central Disposal Facility, Sarno and Cell 1 Escrow Accounts. These deposits are to be used for closure actions and long term care of the landfill once closure has been completed
Transfers	\$100,426	6.37%	Increase is due to Escrow deposit amount for Cell 1

DISPOSAL PERFORMANCE MEASURES

OBJECTIVE	MEASURE	ACTUAL FY 2014-2015	ESTIMATED FY 2015-2016	PROJECTED FY 2016-2017
Safeguard Life, Safety and Property; Maintaining Levels of Service	Tons Handled by Solid Waste Facilities	804,574	773,000	780,000
Improve effectiveness	Rate of Landfill Compaction - Central Disposal Facility (pounds per cubic yard)	1,883	1,550	1,575
Improve effectiveness	Rate of Landfill Compaction - Sarno Land Fill (pounds per cubic yard)	1,452	1,350	1,375
Effective & Efficient Operations	Total Operations and Maintenance Cost Per Ton	\$22.30	\$25.66	\$24.95

COLLECTION AND RECYCLING PROGRAM: PROGRAM PROFILE

PROGRAM REVENUES AND EXPENDITURES

		Final	Adopted		1
	Actual	Budget	Budget		%
	FY2014-2015	FY2015-2016	FY2016-2017	Difference	(Inc)/Dec
REVENUES:					1
Taxes	\$0	\$0	\$0	\$0	0.00%
Permits, Fees & Spec. Assess.	\$0	\$0	\$0	\$0	0.00%
Intergovernmental	\$0	\$0	\$0	\$0	0.00%
Charges for Services	\$11,850,213	\$12,092,794	\$12,023,611	(\$69,183)	(0.57%
Fines and Forfeits	\$0	\$0	\$0	\$0	0.00%
Miscellaneous	\$395,009	\$412,525	\$155,808	(\$256,717)	(62.23%
Statutory Reduction	\$0	(\$625,266)	(\$608,971)	\$16,295	(2.61%
Operating Revenues	\$12,245,222	\$11,880,053	\$11,570,448	(\$309,605)	(2.61%
Balance Forward	\$8,051,358	\$7,763,403	\$7,763,403	\$0	0.00%
Transfers - General Revenue	\$0	\$0	\$7,703,403	\$0	0.00%
Transfers - Other	\$0	\$0	\$0	\$0 \$0	0.00%
Other Finance Source	\$0	\$0	\$0	\$0 \$0	0.00%
Non-Operating Revenues	\$8,051,358	\$7,763,403	\$7,763,403	\$0	0.00%
TOTAL REVENUES	\$20,296,580	\$19,643,456	\$19,333,851	(\$309,605)	(1.58%)
EXPENDITURES					
Compensation and Benefits	\$0	\$0	\$0	\$0	0.00%
Operating Expenses	\$12,264,764	\$12,481,308	\$12,450,186	(\$31,122)	(0.25%)
Capital Outlay	\$0	\$0	\$0	\$0	0.00%
Grants and Aid	\$0	\$0	\$0	\$0	0.00%
Operating Expenditures	\$12,264,764	\$12,481,308	\$12,450,186	(\$31,122)	(0.25%)
CIP	\$0	\$0	\$0	\$0	0.00%
Debt Service	\$0	\$0	\$0	\$0 \$0	
Reserves-Operating	\$0	\$2,318,825	\$2,370,450	\$51,625	0.00%
Reserves - Capital	\$0	\$0	\$2,370,430	\$31,023	2.23% 0.00%
Reserves - Restricted	\$0	\$4,552,983	\$4,181,832	(\$371,151)	(8.15%)
Transfers	\$261,119	\$290,340	\$331,383	\$41,043	14.14%
Non-Operating Expenditures	\$261,119	\$7,162,148	\$6,883,665	(\$278,483)	(3.89%)
TOTAL EXPENDITURES	\$12,525,883	\$19,643,456	\$19,333,851	(\$309,605)	(1.58%)
PERSONNEL:					
Full-time positions	0.00	0.00	0.00	0.00	0.00%
Part-time Positions	0.00	0.00	0.00	0.00	0.00%
Full-time Equivalent	0.00	0.00	0.00	0.00	0.00%
Temporary FTE	0.00	0.00	0.00	0.00	0.00%
Seasonal FTE	0.00	0.00	0.00	0.00	0.00%

COLLECTION AND RECYCLING: BUDGET VARIANCES

REVENUES	VARIANCE	% VARIANCE	EXPLANATION
Taxes	\$0	0.00%	
Permits, Fees & Spec. Assess.	\$0	0.00%	
Intergovernmental	\$0	0.00%	
Charges for Services	(\$69,183)	(0.57%)	The Solid Waste Department is projecting a slight decrease based on projected lower billings
Fines and Forfeits	\$0	0.00%	
Miscellaneous	(\$256,717)	(62.23%)	Base on lower prices of surplus material and scrap, receipts are expected to decline
Statutory Reduction	\$16,295	(2.61%)	Variance corresponds with change in Operating Revenue
Balance Forward	\$0	0.00%	
Transfers - General Revenue	\$0	0.00%	
Transfers - Other	\$0	0.00%	
Other Finance Source	\$0	0.00%	

COLLECTION AND RECYCLING: BUDGET VARIANCES

EXPENDITURES	VARIANCE	% VARIANCE	EXPLANATION
Compensation and Benefits	\$0	0.00%	
Operating Expenses	(\$31,122)	(0.25%)	Contract expenditures were over estimated in FY2016, actual cost was not obtained until after the budget was submitted
Capital Outlay	\$0	0.00%	
Grants and Aid	\$0	0.00%	
CIP	\$0	0.00%	
Debt Service	\$0	0.00%	
Reserves-Operating	\$51,625	2.23%	Dollars are set aside for any disastrous weather event(s) to fund associated collection costs
Reserves - Capital	\$0	0.00%	
Reserves - Restricted	(\$371,151)	(8.15%)	The variance is associated with lower projected cash forward and assessment amounts
Transfers	\$41,043	14.14%	Additional funding is required, based on fees charged by the Tax Collector for collection of revenues for Solid Waste

COLLECTION AND RECYCLING PERFORMANCE MEASURES

		ACTUAL	ESTIMATED	PROJECTED
OBJECTIVE	MEASURE	FY 2014-2015	FY 2015-2016	FY 2016-2017
Provide Cultural and Recreational Services as well as protect and conserve our natural resources	Recycling Programs	199	195	195
Deliver Excellent Customer Service	Total Complaints	245	250	250

SOLID WASTE MANAGEMENT DEPARTMENT TRAVEL A & B SUMMARY

DESCRIPTION	POSITION	DESTINATION	FUNDING SOURCE	TOTAL COST
DISPOSAL				
Solid Waste Association of North America - Summer Seminar	Director	TBD	User Fees	\$1,356
Education for Transfer Station Certification	Director	TBD	User Fees	\$1,145
Solid Waste Association of North America -	Director	TBD	User Fees	\$1,356
Winter Seminar Florida Department of Environmental Regulation	Director	Tallahassee	User Fees	\$374
Florida Department of Environmental Regulation	Director	Tallahassee	User Fees	\$374
Florida Chapter North American Hazardous Material Management Association (NAHMMA) Regulatory/Compliance Workshop	Environmental Scientist	Sarasota County	User Fees	\$913
Occupational Health and Safety Hazardous Waste Operations and Emergency Responses 8-hour refresher training	4- HHW Materials Techs	Orange County	User Fees	\$360
Occupational Health and Safety Hazardous Waste Operations and Emergency Responses	3- HHW Materials Techs	Orange County	User Fees	\$270
8-hour refresher training Solid Waste Association of North	Dogueling			
America/Recycle Florida Today Joint Summit	Recycling Coordinator	Florida	User Fees	\$447
Recycle Florida Today Annual Conference	Recycling Coordinator	Florida	User Fees	\$710
Solid Waste Association of North America - Summer Seminar	Operations Manager	TBD	User Fees	\$1,267
Solid Waste Association of North America - Winter Seminar	Operations Manager	TBD	User Fees	\$1,267
University of Florida Herbicide Control Training	LFG Technician	Cocoa	User Fees	\$100
OSHA Hazwhopper 8-hour refresher	Engineer III, LFG Tech (2)	Local	User Fees	\$300
Rules, Laws and Ethics Course	Engineer III	Local	User Fees	\$30
County-Wide Travel	Human Resource Officer	Brevard County	User Fees	\$4,225
Solid Waste Association of North America	11 Heavy Equipment Operators	TBD	User Fees	\$4,023
Solid Waste Association of North America	Mechanic	TBD	User Fees	\$447
TOTAL FOR PROGRAM:				\$18,964

SOLID WASTE MANAGEMENT DEPARTMENT CAPITAL OUTLAY SUMMARY¹

DESCRIPTION	QUANTITY	UNIT COST	FUNDING SOURCE	TOTAL COST
DISPOSAL				
Truck, Pick-up, Chevy Silverado 2X4	1	\$26,335	Assessments	\$26,335
Truck, Pickup, Chevy 4x4	1	\$33,071	Assessments	\$33,071
Van, Ford, 2006, (From SCAT)	1	\$5,850	Assessments	\$5,850
Gator, 4x4, John Deere	1	\$13,181	Assessments	\$13,181
Gator, 4x4, John Deere	1	\$13,181	Assessments	\$13,181
Dozer, D7E, Caterpillar	1	\$739,465	Assessments	\$606,076
Compactor, Bomag BC772RB	1	\$586,591	Assessments	\$902,500
Water Wagon, J Deere 250D 5000Gal	1	\$458,668	Assessments	\$458,668
Loader, 950H	1	\$380,210	Assessments	\$380,210
Mower, Rotary, JD, CX15 Flexwing	1	\$22,700	Assessments	\$22,700
Mower, Rotary, JD, CX15 Flexwing	1	\$22,700	Assessments	\$22,700
Gator, 4x4, John Deere	1	\$10,185	Assessments	\$10,185
Light Towers, CDF Landfill	2	\$9,000	Assessments	\$18,000
Bull Fences, CDF Landfill	5	\$4,944	Assessments	\$24,721
TOTAL FUNDED FOR DEPARTMENT:				\$2,537,378

¹⁾ Equipment with a value in excess of \$1,000 (computers \$750). Approved items may be purchased using existing Public Sector Purchasing Cooperative contracts awarded through full and open competition when in the best interest of the County.

SOLID WASTE MANAGEMENT DEPARMENT CAPITAL IMPROVEMENTS PROGRAM

DESCRIPTION	FUNDING SOURCE	TOTAL COST
Central Disposal Facility Slurry Wall Final Closure Central Disposal Facility Expansion - Cell 1 Central Disposal Facility Property Acquisition Vehicle Maintenance Building Repurpose Sarno Road Landfill Closure - Phase II US Highwaty 192 Site Vehicle Maintenance Facility Parking Lot Paving Multi-Use Education Pavilion	Assessments Assessments/Impact Fees Assessments Assessments/Impact Fees Assessments Assessments Assessments/Impact Fees Assessments/Impact Fees	\$225,000 \$4,000,000 \$125,000 \$197,500 \$2,325,000 \$2,000,000 \$400,000 \$676,516
TOTAL FUNDED FOR PROGRAM:		\$9,949,016

