

BREVARD COUNTY SOLID WASTE MANAGEMENT DEPARTMENT



FIVE YEAR CAPITAL IMPROVEMENT PROGRAM

- CAPITAL IMPROVEMENT PROJECTS
- EFFECTS OF GROWTH, INFLATION, AND CONSTRUCTION COSTS
- FUNDING NEEDS
- IMPACT OF THE CONSUMER PRICE INDEX ON DISPOSAL ASSESSMENT
- BOARD CONSIDERATIONS

Solid Waste Management Department: Disposal



In April 2021 the Solid Waste Management Department conducted a financial analysis for the Department's future budget/funding projections. The following five-year Capital Improvement Program projects were included in the analysis:

APRIL 2021 FORECAST

PROJECT	APRIL 2021 COST ESTIMATE
CDF Cell 1 Gas Header	\$2,000,000
CDF Gas System Expansion	\$2,000,000
US192 Facility	\$38,000,000
Titusville Transfer Station	\$10,400,000
CDF Cell 2	\$25,000,000
CDF Cell 3	\$30,000,000

Solid Waste Management Department: Disposal



UPDATED FORECAST, JANUARY 2022

- Capital Improvement Program project costs adjusted due to rising inflation and related construction cost increases.
- Schedule for CDF Cell 3 construction advanced from FY2027 to FY2025 due to:
 - Increase in incoming waste stream.
 - Anticipated impact of Sarno Road Landfill reaching full capacity by November 2022.

Solid Waste Management Department: Disposal



FIVE-YEAR CAPITAL IMPROVEMENT PROJECT FUNDING NEEDS

PROJECT	APRIL 2021 FORECAST	JANUARY 2022 FORECAST	AVAILABLE FUNDING FY2022	AVAILABLE FUNDING FY2023-2027	OUTSTANDING FUNDING NEEDED
CDF CELL 1 GAS HEADER	\$2.0M	\$1.55M *	\$1.55M	NA	NA
CDF GAS SYSTEM EXPANSION	\$2.0M	\$2.0M	\$0.0M	\$2.0M	\$0.0M
US192 FACILITY	\$38.0M	\$55.0M	\$3.0M	\$7.5M	\$44.5M
TITUSVILLE TRANSFER STATION	\$10.4M	\$12.0M	\$1.0M	\$2.0M	\$9.0M
CDF CELL 2	\$25.0M	\$34.0M	\$16.0M	\$0.0M	\$18.0M
CDF CELL 3	\$30.0M	\$43.0M	\$0.0M	\$9.5M	\$33.5M
TOTAL	\$107.4M	\$147.55M	\$21.55M	\$21.0M	\$105.0M

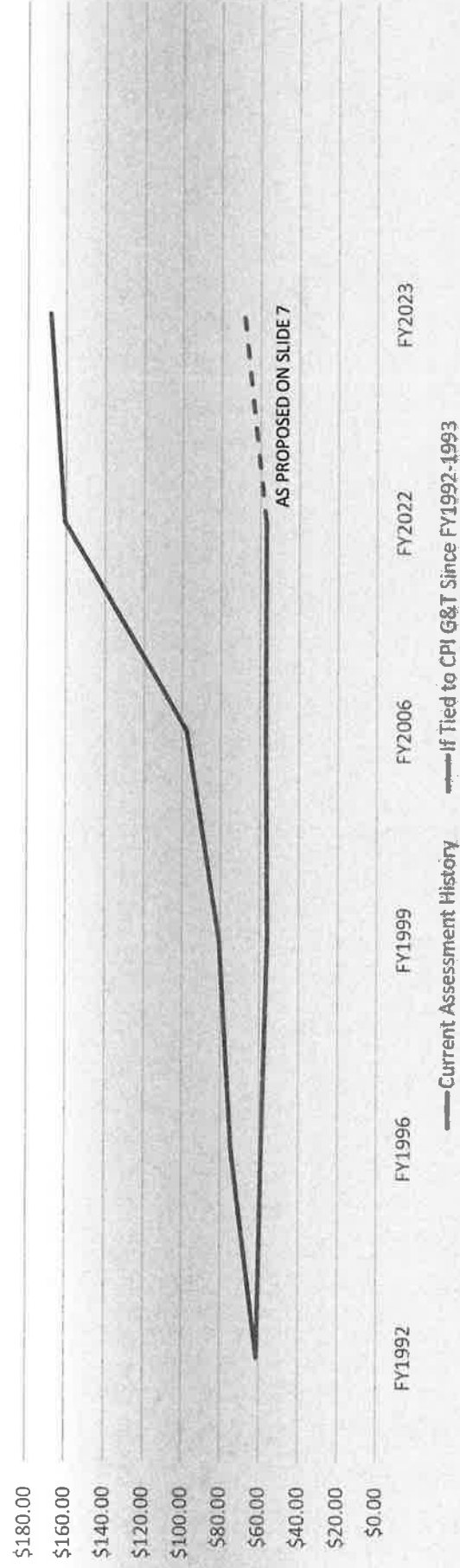
+37.4%

* \$450,000.00 expended for ongoing Cell 1 Gas Header construction project in FY2021

Solid Waste Management Department: Residential Disposal



IMPACT OF CPI G&T* ON DISPOSAL ASSESSMENT



* Consumer Price Index for Garbage & Trash

Solid Waste Management Department: Disposal



IMPACT OF CPI G&T ON DISPOSAL ASSESSMENT

Disposal Assessment	FY 1991-1992	FY 1995-1996	FY 1998-1999	FY 2005-2006	FY 2021-2022	FY 2022-2023
Residential	\$61.00	\$59.00	\$56.00	\$57.00	\$57.00	\$68.40*
Commercial	\$172.28	\$170.28	\$161.62	\$164.51	\$164.51	\$197.41*
		-3.28%	-5.08%	+1.79%	0%	+20%
<u>With CPI G&T Applied Annually Since FY 1992-1993</u>						
Residential	\$61.00	\$74.63	\$80.79	\$97.81	\$160.83	\$168.23
Commercial	\$172.28	\$210.76	\$228.16	\$276.24	\$454.23	\$475.12
		22.34%	8.25%	21.07%	64.43%	4.55%

*AS PROPOSED ON SLIDE 7

NOTE: TOTAL CHANGE IN CPI G&T FROM FY1993 THRU FY2022: 164%

Solid Waste Management Department: Disposal



BOARD CONSIDERATION ITEMS

1. Residential and Commercial Disposal Assessment
 - a. Increase of 20%
 - Residential increase from \$57.00 to \$68.40
 - Commercial increase from \$164.51 to \$197.41
 - b. Tie future assessments to Consumer Price Index for Garbage & Trash
2. Authorize Staff to Research the Most Efficient Financing Method for Department's Outstanding CIP Funding Needs
 - a. FY2022: \$65M (US192, Titusville Transfer Station, CDF Cell 2)
 - b. FY2025: \$40M (CDF Cell 3)
3. Authorize Engineering Study Required for Financing

Solid Waste Management Department: Disposal



MARCH 2022

Request authorization
to solicit bids for
printing and mailing of
Public Hearing notices
and for required
engineering study.

MAY/JULY 2022

Public Hearing on solid
waste disposal
assessments.

APRIL/MAY 2022

Notice of Public
Hearing mailed to
Brevard County
residents.