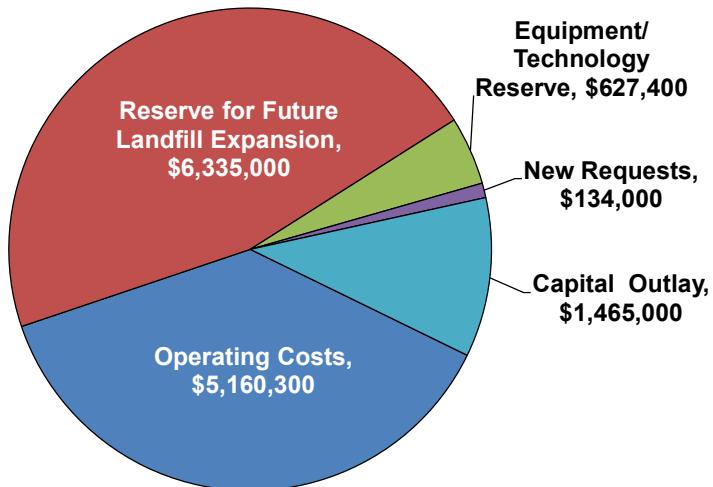


**FISCAL YEAR 2023**  
**Landfill Operations**  
**Total Budget: \$13,721,700**

The landfill operation was established as an enterprise fund for the purpose of charging user fees to the customers of the landfill in order to recover 100% of the operating cost. The fund pays for all related operating costs and provides a reserve for future landfill expansion and closing costs. The FY2023 proposed budget includes funding for 39.9 full-time equivalent positions.



	FY2022 Adopted	FY2023 Requested	FY2023 Proposed	Variance	% Change
Revenues	\$9,594,200	\$11,637,700	\$11,637,700	\$2,043,500	21.3%
Expenditures	9,594,200	12,122,700	12,256,700	2,662,500	27.8%
<b>Baseline Surplus/(Deficit)</b>	<b>\$0</b>	<b>(\$485,000)</b>	<b>(\$619,000)</b>	<b>(\$619,000)</b>	
New Request		(134,000)	0	0	
<b>Subtotal</b>	<b>\$0</b>	<b>(\$619,000)</b>	<b>(\$619,000)</b>	<b>(\$619,000)</b>	
Equipment/Tech. Reserve/Fund Balance	\$880,000	\$1,465,000	\$1,465,000	\$585,000	
Capital New & Replacement	(880,000)	(1,465,000)	(1,465,000)	(585,000)	
<b>Surplus / (Deficit)</b>	<b>\$0</b>	<b>(\$619,000)</b>	<b>(\$619,000)</b>	<b>(\$619,000)</b>	

*\$1.00 increase on the Tipping Fee adjusts revenues by \$153,225*

<b><u>Baseline Changes:</u></b>	<b><u>Change</u></b>
<b>Personal Services/Fringe Benefits</b> Based on current staffing which includes the full year impact of FY2022 salary increases, and funds to support FY2023 salary increases.	(124,500)
<b>Equipment Repairs and Maintenance</b> Increased for Landfill Stormwater Management Ponds.	(99,900)
<b>Vehicle Fuel</b> Based on current trends.	(65,000)
<b>Equipment Reserve</b> 10% Percent increase for future capital replacements	(57,000)
<b>Indirect Cost</b> Includes a 4% increase over the FY2022 adopted budget to support growth, as well as funding to support the 24/7 security services for IT.	(38,600)
<b>Increase in Agency Funding</b> Landfill's contribution towards Other Post Employment Benefits (OPEB).	(27,600)
<b>Contingency</b> For potential revenue shortfalls and/or expenditure overruns.	(23,000)
<b>Miscellaneous adjustments in other accounts.</b>	(49,400)
<b>Total Baseline Surplus/(Deficit)</b>	<b>(\$485,000)</b>

<b><u>New Requests for FY2023:</u></b>	<b><u>Request</u></b>
<b>Indirect Cost Increase</b> <i>To support new positions in DFAS and HR.</i>	(49,000)
<b>All Terrain Vehicle</b> <i>The landfill is nearly the development of 114 acres that must be monitored and maintained. As the landfill constructed its last cell and increased elevation, an all-terrain vehicle is needed to access areas that a pick-up truck can't easily maneuver.</i>	(20,000)
<b>Landfill GPS Compactor System</b> <i>A machine-mounted software will help improve efficiencies and improve waste placement, grade guidance, and remote monitoring. The GPS-powered software will help monitor and guide operators on waste placement, compaction, and grades.</i>	(65,000)
	<b>(\$134,000)</b>
<b>Surplus/(Deficit)</b>	<b>(\$619,000)</b>

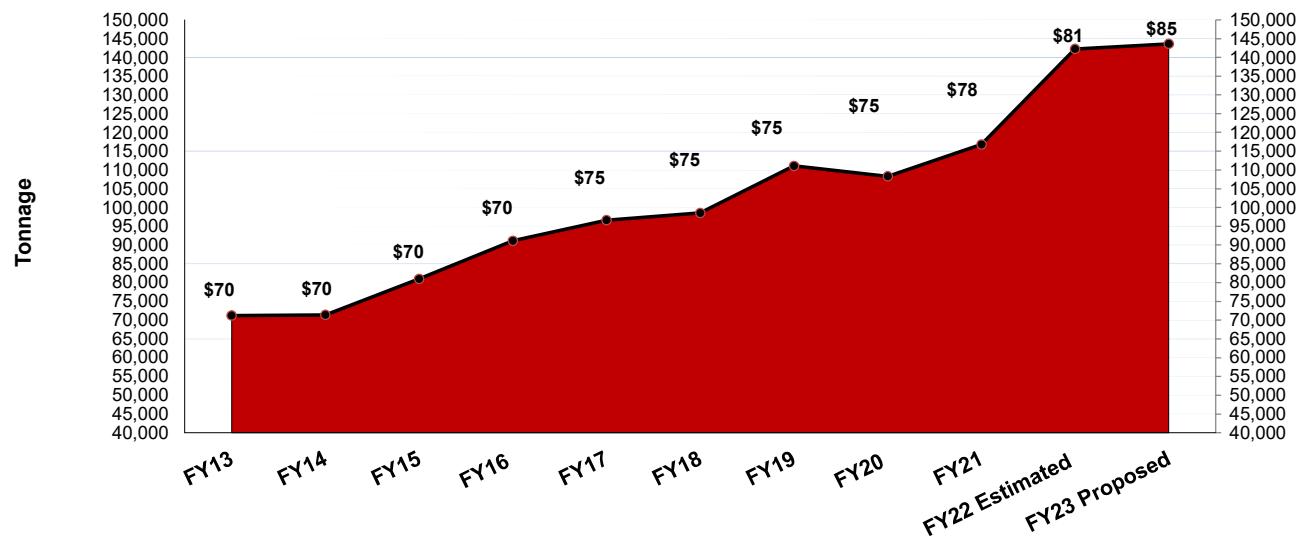
<b><u>Landfill Tipping Fee Change:</u></b>	
FY2022 Tipping Fee (per ton)	\$81
Change needed to balance the FY2023 Budget	\$4
<b><u>FY2023 Proposed Tipping Fee (per ton)</u></b>	<b><u>\$85</u></b>

## Landfill Fees:

	<u><b>FY2022</b></u>	<u><b>FY2023</b></u>	
<b>Tipping Fee</b>	\$81 per ton	\$85 per ton	
<b>Tag-A-Bag</b>	\$2.25 per tag	\$2.25 per tag	
<b>Car/Van/SUV</b>	\$5 per load	\$5 per load	
<b>Car/Van/SUV mixed loads</b>	N/A	\$10 per load	New Proposed Fee
<b>Pick Up Truck without trailer</b>	\$15 per load	\$15 per load	
<b>Pick Up Truck without trailer mixed loads</b>	N/A	\$20 per load	New Proposed Fee
<b>Vehicles with trailer</b>	\$81 per ton / \$15 min fee	\$85 per ton / \$15 min fee	
<b>Weigh In</b>			
<b>Vehicles with trailer</b>			
<b>Weigh In - Mixed Loads</b>	N/A	\$101	New Proposed Fee
<b>Commercial Vehicle</b>			
<b>Bulk Rate</b>	\$15 per load	\$15 per load	
<b>Contaminated Soil for Commercial</b>			
<b>Generators</b>	\$81 per ton	\$85 per ton	
<b>Open Top Roll-Off Container*</b>	\$88 per ton	\$101 per ton	

\*Bulky material received from open roll-off containers is more costly to handle. These wastes do not decay, are difficult to compact, and can damage equipment.

## Tons of Refuse



NOTE: At FY2022 Adoption, FAS was forecasting a \$1 rate increase would be needed for FY2023.

# LANDFILL FUND

	FY2022 Adopted	FY2023 Request	FY2023 Proposed	Variance	% Change
<b>Revenue</b>					
Tipping Fees	\$9,389,200	\$11,432,700	\$11,432,700	\$2,043,500	21.8%
Tag-a-bag Fees @ \$2.25 per bag	200,000	200,000	200,000	0	0.0%
Permits & Miscellaneous	5,000	5,000	5,000	0	0.0%
Total Revenues	\$9,594,200	\$11,637,700	\$11,637,700	\$2,043,500	21.3%
<b>Expenditures</b>					
Salary & Fringe	\$2,768,100	\$2,984,200	\$2,984,200	\$216,100	7.8%
Operating Costs	1,678,500	1,793,800	1,842,800	164,300	9.8%
Debt Service	328,400	312,700	312,700	(15,700)	-4.8%
Operating Contingency	46,600	69,600	69,600	23,000	49.4%
Capital Outlay	6,200	0	85,000	78,800	1271.0%
Landfill Expansion/Closure Reserve	4,196,000	6,335,000	6,335,000	2,139,000	51.0%
Equipment/Technology Reserve	570,400	627,400	627,400	57,000	10.0%
Total Baseline Expenditures	\$9,594,200	\$12,122,700	\$12,256,700	\$2,662,500	27.8%
New Requests	0	134,000		\$0	N/A
Total Expenditures	\$9,594,200	\$12,256,700	\$12,256,700	\$2,662,500	27.8%
Operating Surplus/(Deficit)	\$0	(\$619,000)	(\$619,000)	(\$619,000)	

## Equipment/Technology Reserve

Equipment/Technology Reserve/Fund					
Balance	880,000	1,465,000	1,465,000	585,000	66.5%
Use of Reserve	(880,000)	(1,465,000)	(1,465,000)	(585,000)	66.5%
Total Other Uses	\$0	\$0	\$0	\$0	
Total Surplus/(Deficit)	\$0	(\$619,000)	(\$619,000)	(\$619,000)	

## Replacement Capital -

### Use of Equipment/Technology Reserve

### Cost

*Compactor - Replacing S-55, a 2017 Caterpillar Compactor with 8,500 hours. It is projected to have 10,500 hours by FY23. A new, reliable compactor is necessary for the compaction of wastes and environmental compliance. The Landfill's other Volvo Compactor has experienced several mechanical issues and is not a reliable machine. With the upcoming new cell 4 and increased tonnage, a reliable Trash Compactor is needed to process trash daily without any downtime.*

*Off Road Hauler -Replacing S-51, a 2006 Off-Road Hauler with 7,500 hours. S-51 is at the end of its useful life, and replacement will avoid costly repairs and maintenance. A dependable off-road hauler is necessary with the upcoming cell construction and hauling of cover material.*

**\$1,465,000**

**LANDFILL****FUND**

(\$ in thousands)

**FY2023-FY2027 OPERATING PLAN**

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
<b>Revenues</b>					
Operating Revenues	\$11,637.7	\$11,857.4	\$11,971.9	\$12,106.0	\$12,240.0
Fund Balance/ Capital Reserve	1,465.0	13.0	0.0	214.6	0.0
<b>Revenues</b>	<b>\$13,102.7</b>	<b>\$11,870.4</b>	<b>\$11,971.9</b>	<b>\$12,320.6</b>	<b>\$12,240.0</b>
<b>Expenses</b>					
Operating Expenses	\$11,859.0	\$12,103.6	\$12,387.1	\$12,690.1	\$13,002.2
Capital Outlay	1,550.0	13.0	0.0	214.6	0.0
Debt Service	312.7	284.2	252.4	219.1	167.0
<b>Expenses</b>	<b>\$13,721.7</b>	<b>\$12,400.8</b>	<b>\$12,639.5</b>	<b>\$13,123.8</b>	<b>\$13,169.2</b>
<b>Surplus\Deficit:</b>	<b>(\$619.0)</b>	<b>(\$530.4)</b>	<b>(\$667.6)</b>	<b>(\$803.2)</b>	<b>(\$929.2)</b>
Estimated Annual Tipping					
Fee Adjustment:	\$4	\$0	\$1	\$0	\$1
Tipping Fee	\$85	\$85	\$86	\$86	\$87
% rate change	4.9%	0.0%	1.2%	0.0%	1.2%

**FY2023-FY2027 CAPITAL IMPROVEMENT PLAN**

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>Total '23-'27</b>
<b>Capital Costs:</b>						
Landfill Gas to Energy*	925	900	881	806	0	3,512
Landfill Cell 4B**	0	8,586	0	0	0	8,586
Landfill Cell 4C**	0	0	0	6,876	0	6,876
Total without inflation	\$925	\$9,486	\$881	\$7,682	\$0	\$18,974
Contingency - inflation	0	434	0	789	0	1,223
<b>Total</b>	<b>\$925</b>	<b>\$9,920</b>	<b>\$881</b>	<b>\$8,471</b>	<b>\$0</b>	<b>\$20,197</b>
<b>Finance Sources</b>						
Capital Budget Reserve*	\$925	\$9,920	\$881	\$8,471	\$0	\$20,197
Bonds	0	0	0	0	0	0
<b>Total</b>	<b>\$925</b>	<b>\$9,920</b>	<b>\$881</b>	<b>\$8,471</b>	<b>\$0</b>	<b>\$20,197</b>
Cumulative Debt Service (New Bonds- lag one year)						
	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
Cumulative Operating	0.0	76.1	79.9	83.8	87.9	

\*Indicates projects to be funded by the Capital Budget Reserve.

\*\*New Projects added to the FY2023-FY2027 CIP; to be funded by the Capital Budget Reserve.

# PROPOSED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2023

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Landfill Gas to Energy</b>		Requested By: DPW Project #: 8127																												
		Resilience Authority: Y																												
<p>The Charles County Landfill #2 was designed with a capacity to accept 4,374,700 cubic yards of refuse. The landfill currently has a passive landfill gas (LFG) system that flares off LFG. While the current system is within regulation, it is the least effective system for capturing methane. LFG to Energy projects help curtail global climate change by reducing methane emissions, a greenhouse gas more potent than CO2. This CIP will evaluate possible Landfill gas extraction, assess projects' feasibilities, and prepare cost analyses during Phase 1. During Phase 2, this project will design, permit, and install a landfill gas to energy system.</p>																														
<p>Planning Commission Comments: Project is consistent with Comprehensive Plan. (Rating #1)</p>																														
<b>PRIORITY</b>																														
<b>VARIANCE TO APPROVED PER FY22-FY26 CAPITAL IMPROVEMENT PROGRAM:</b>																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">FY 2023</th> <th style="text-align: center;">FY 2024</th> <th style="text-align: center;">FY 2025</th> <th style="text-align: center;">FY 2026</th> <th></th> <th style="text-align: center;">TOTAL</th> </tr> </thead> <tbody> <tr> <td>Approved FY22-FY26 CIP</td> <td style="text-align: center;">\$925</td> <td style="text-align: center;">\$900</td> <td style="text-align: center;">\$881</td> <td style="text-align: center;">\$806</td> <td></td> <td style="text-align: center;">\$3,512</td> </tr> <tr> <td><b>Increase/(Decrease)</b></td> <td style="text-align: center;"><b>\$0</b></td> <td style="text-align: center;"><b>\$0</b></td> <td style="text-align: center;"><b>\$0</b></td> <td style="text-align: center;"><b>\$0</b></td> <td></td> <td style="text-align: center;"><b>\$0</b></td> </tr> <tr> <td>% change</td> <td style="text-align: center;">0.0%</td> <td style="text-align: center;">0.0%</td> <td style="text-align: center;">0.0%</td> <td style="text-align: center;">0.0%</td> <td></td> <td style="text-align: center;">0.0%</td> </tr> </tbody> </table>				FY 2023	FY 2024	FY 2025	FY 2026		TOTAL	Approved FY22-FY26 CIP	\$925	\$900	\$881	\$806		\$3,512	<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>	% change	0.0%	0.0%	0.0%	0.0%		0.0%
	FY 2023	FY 2024	FY 2025	FY 2026		TOTAL																								
Approved FY22-FY26 CIP	\$925	\$900	\$881	\$806		\$3,512																								
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>																								
% change	0.0%	0.0%	0.0%	0.0%		0.0%																								

EXPENSE BUDGET	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	5-Year Total '23-'27		Approp. thru FY22	Beyond FY 2027	Project Total
Architectural & Engineering	\$100	\$75	\$75	\$0	\$0	\$250	\$50	\$0	\$300	
Land & ROW	0	0	0	0	0	0	0	0	0	0
Construction	800	800	800	800	0	3,200	0	0	0	3,200
Equipment	0	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0	0
Administration - FAS	5	5	6	6	0	22	5	0	0	27
Inspection	20	20	0	0	0	40	0	0	0	40
Miscellaneous	0	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$925</b>	<b>\$900</b>	<b>\$881</b>	<b>\$806</b>	<b>\$0</b>	<b>\$3,512</b>	<b>\$55</b>	<b>\$0</b>	<b>\$3,567</b>	

FINANCING SOURCES	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	5-Year Total '23-'27		Approp. thru FY22	Beyond FY 2027	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital Budget Reserve	925	900	881	806	0	3,512	55	0	0	3,567
Operating Transfer	0	0	0	0	0	0	0	0	0	0
Total County Funding	\$925	\$900	\$881	\$806	\$0	\$3,512	\$55	\$0	\$0	\$3,567
Federal	0	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$925</b>	<b>\$900</b>	<b>\$881</b>	<b>\$806</b>	<b>\$0</b>	<b>\$3,512</b>	<b>\$55</b>	<b>\$0</b>	<b>\$3,567</b>	

Operating Budget Impact	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Approp. thru FY22		Beyond FY 2027
No. of Personnel	0.00	1.00	1.00	1.00	1.00	0.00	1.00	
Personnel Costs	0.0	74.8	78.6	82.5	86.6	0.0	90.1	
Operating	0.0	1.3	1.3	1.3	1.3	0.0	1.4	
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$76.1</b>	<b>\$79.9</b>	<b>\$83.8</b>	<b>\$87.9</b>	<b>\$0.0</b>	<b>\$91.5</b>	
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$76.1</b>	<b>\$79.9</b>	<b>\$83.8</b>	<b>\$87.9</b>	<b>\$0.0</b>	<b>\$91.5</b>	
Increase to Annual Tipping fee:	\$0.00	\$1.03	\$1.08	\$1.13	\$1.19	\$0.00	\$1.23	

LOCATION:	COMMISSIONER DISTRICT:
Charles County Landfill, Waldorf Maryland	4

# PROPOSED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2023

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Landfill Cell 4B</b>	Requested By: DPW Project #: Resilience Authority: N
<p>Construction of Landfill Sub-Cell 4B which will provide an additional 5.7 acres of capacity in preparation for when existing landfill capacity becomes limited.</p>	
<p>Planning Commission Comments: Project is consistent with Comprehensive Plan. (Rating #1)</p>	
<b>PRIORITY</b>	

### **VARIANCE TO APPROVED PER FY22-FY26 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
Approved FY22-FY26 CIP	\$0	\$0	\$0	\$0	\$0
<i>Increase/(Decrease)</i>	<b>\$0</b>	<b>\$8,586</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,586</b>
% change	n/a	new	n/a	n/a	new

EXPENSE BUDGET	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	5-Year Total '23-'27			
						Approp. thru FY22	Beyond FY 2027	Project Total	
Architectural & Engineering	\$0	\$150	\$0	\$0	\$0	\$150	\$0	\$0	\$150
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	7,500	0	0	0	7,500	0	0	7,500
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	60	0	0	0	60	0	0	60
Administration - FAS	0	6	0	0	0	6	0	0	6
Inspection	0	120	0	0	0	120	0	0	120
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	750	0	0	0	750	0	0	750
<b>Total Outlay</b>	<b>\$0</b>	<b>\$8,586</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,586</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,586</b>

FINANCING SOURCES	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	5-Year Total '23-'27			
						Approp. thru FY22	Beyond FY 2027	Project Total	
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital Budget Reserve	0	8,586	0	0	0	8,586	0	0	8,586
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$8,586</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,586</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,586</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$8,586</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,586</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,586</b>

Operating Budget Impact	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Approp. thru FY22		Beyond FY 2027	
						Approp. thru FY22	Beyond FY 2027		
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>

Increase to Annual Tipping fee:      \$0.00      \$0.00      \$0.00      \$0.00      \$0.00      \$0.00      \$0.00      \$0.00

LOCATION:	COMMISSIONER DISTRICT:
Charles County Landfill, Waldorf Maryland	4

# PROPOSED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2023

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Landfill Cell 4C</b>	Requested By: DPW Project #: <b>N</b> Resilience Authority: <b>N</b>
<p>Construction of Landfill Sub-Cell 4C which will provide an additional 4.9 acres of capacity in preparation for when existing landfill capacity becomes limited. The construction of this subcell is the last remaining acreage available at Charles County Landfill #2.</p>	
<p>Planning Commission Comments: Project is consistent with Comprehensive Plan. (Rating #1)</p>	
<b>PRIORITY</b>	

### **VARIANCE TO APPROVED PER FY22-FY26 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL
Approved FY22-FY26 CIP	\$0	\$0	\$0	\$0	\$0
<i>Increase/(Decrease)</i>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,876</b>	<b>\$6,876</b>
% change	n/a	n/a	n/a	new	new

EXPENSE BUDGET	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	5-Year Total '23-'27	Approp. thru FY22	Beyond FY 2027	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$120	\$0	\$120	\$0	\$0	\$120
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	6,000	0	6,000	0	0	6,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	50	0	50	0	0	50
Administration - FAS	0	0	0	6	0	6	0	0	6
Inspection	0	0	0	100	0	100	0	0	100
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	600	0	600	0	0	600
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,876</b>	<b>\$0</b>	<b>\$6,876</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,876</b>

FINANCING SOURCES	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	5-Year Total '23-'27	Approp. thru FY22	Beyond FY 2027	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital Budget Reserve	0	0	0	6,876	0	6,876	0	0	6,876
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$0	\$0	\$0	\$6,876	\$0	\$6,876	\$0	\$0	\$6,876
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,876</b>	<b>\$0</b>	<b>\$6,876</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,876</b>

Operating Budget Impact	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Approp. thru FY22	Beyond FY 2027
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>

Increase to Annual Tipping fee:      \$0.00      \$0.00      \$0.00      \$0.00      \$0.00

LOCATION:	COMMISSIONER DISTRICT:
Charles County Landfill, Waldorf Maryland	4

## Solid Waste

**Department:** Public Works - Facilities 27.05.38  
**Division \ Program:** Landfill Fund: Enterprise  
**Program Administrator:** Frances Sherman, Chief of Environmental Resources  
<https://www.charlescountymd.gov/services/environmental-resources/landfill>

Expenditure Category	FY2021 Actual	FY2022 Adopted	FY2023 Request	FY2023 Proposed	\$ Change from FY2022	% Chg.
Personal Services	\$1,812,215	\$2,091,900	\$2,225,800	\$2,225,800	\$133,900	6.4%
Fringe Benefits	597,644	676,200	666,800	666,800	(9,400)	-1.4%
Operating Costs	1,411,256	1,614,500	1,793,800	1,842,800	228,300	14.1%
Debt Service	213,158	328,400	312,700	312,700	(15,700)	-4.8%
Agency Funding	36,800	64,000	91,600	91,600	27,600	43.1%
Operating Contingency	0	46,600	69,600	69,600	23,000	49.4%
Landfill Expansion/Closure	3,979,500	4,196,000	6,335,000	6,335,000	2,139,000	51.0%
Capital Outlay	907,632	886,200	1,465,000	1,550,000	663,800	74.9%
Equipment/Tech Reserve	570,400	570,400	627,400	627,400	57,000	10.0%
<b>Total Baseline</b>	<b>\$9,528,604</b>	<b>\$10,474,200</b>	<b>\$13,587,700</b>	<b>\$13,721,700</b>	<b>\$3,247,500</b>	<b>31.0%</b>
New Requests	0	0	134,000		0	N/A
<b>Total Expenditures</b>	<b>\$9,528,604</b>	<b>\$10,474,200</b>	<b>\$13,721,700</b>	<b>\$13,721,700</b>	<b>\$3,247,500</b>	<b>31.0%</b>

### **Changes and Useful Information:**

- **Personal Services** and **Fringe Benefits** increase includes the full year impact of FY2022 approved salary increases. Also includes the impact of various promotions that occurred during FY2022. Funding is included to support salary increases in FY2023.
- The **Operating Costs** increase is to support landfill stormwater management ponds, rising costs for fuel, credit card processing, and other adjustments based on anticipated spending.
- **Debt Service** includes debt payments related to the Landfill's Capital Improvement Program, and funding to bank finance various vehicles and equipment.
- **Agency Funding** supports the Landfill's contribution towards Other Post Employment Benefits (OPEB).
- **Operating Contingency** is to cover potential revenue shortfalls and/or expenditure overruns.
- The **Landfill Expansion/Closure** budget funds the future development of the remaining space at the Landfill.
- The **Capital Outlay** budget is to replace a compactor and an off-road hauler. Additional funds are to purchase new equipment for the Landfill which includes an all terrain vehicle, and a compactor system.
- The **Equipment Reserve** budget is to replace future equipment at the landfill. Increase is needed due to price increases of large equipment.

### **Description:**

The Charles County Sanitary Landfill is a modern composite lined landfill opened in July 1994. Located on Billingsley Road East, it features a citizen's recycling-disposal center, a vehicle/equipment maintenance facility, and leachate collection center. The Landfill was designed to accommodate 800 lbs. of refuse per cubic yard, with a 12 year, 8 month life. Due to the higher goal of a compaction rate of at least 1,200 lbs. per cubic yard, and the use of alternative daily cover material, the landfill is currently estimated to last until 2028 due to the utilization of a transfer facility which will allow for disposal options outside of the County's jurisdiction.

## Solid Waste

<b>Department:</b>	Public Works - Facilities			27.05.38
<b>Division \ Program:</b>	Landfill		Fund:	Enterprise
<b>Program Administrator:</b>	Frances Sherman, Chief of Environmental Resources			
<a href="https://www.charlescountymd.gov/services/environmental-resources/landfill">https://www.charlescountymd.gov/services/environmental-resources/landfill</a>				

<b>Positions:</b>	<b>FY18</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>
<u>Title</u>	<u>FTE</u>	<u>FTE</u>	<u>FTE</u>	<u>FTE</u>	<u>FTE</u>
Director of Public Works	0.1	0.1	0.1	0.1	0.1
Deputy Director of Public Works - Facilities	0.2	0.2	0.2	0.2	0.2
Chief of Environmental Resources	0.8	0.8	0.8	0.8	0.8
DPW Project and Program Manager	0.2	0.2	0.2	0.2	0.2
Scale House Manager	1.0	1.0	1.0	1.0	1.0
Landfill and Recycling Operations Manager	1.0	1.0	1.0	1.0	1.0
Environmental Resources Vehicle and Equipment Technician Team Leader	1.0	1.0	1.0	1.0	1.0
Environmental Resources Vehicle and Equipment Technician	2.0	2.0	2.0	2.0	2.0
Small Engine Technician	1.0	1.0	1.0	1.0	1.0
Management Support Specialist	0.2	0.2	0.2	0.2	0.2
Administrative Associate	1.2	1.2	1.2	1.2	1.2
Assistant Scale House Manager	1.0	1.0	1.0	1.0	1.0
Landfill Equipment Operator Team Leader	2.0	2.0	2.0	2.0	2.0
Landfill Equipment Operator II - IV	7.0	7.0	7.0	8.5	8.5
Recycling Equipment Operator II - IV	0.0	0.0	0.0	1.0	1.0
Weigh Clerk	2.0	4.0	5.0	5.0	5.0
Environmental Resources Inventory Equipment Manager	0.0	0.0	0.0	1.0	1.0
Office Associate II	0.0	0.0	1.0	1.0	1.0
Landfill Technician Team Leader	1.0	1.0	1.0	0.0	0.0
Recycling Site Attendant Team Leader	0.0	0.0	0.0	0.0	0.0
Landfill Technician	7.0	7.0	8.0	5.0	5.0
Recycling Site Attendant	0.0	0.0	0.0	3.5	3.5
Part Time Positions	4.8	3.2	3.2	3.2	3.2
<b>Total Full Time Equivalent</b>	<b>33.5</b>	<b>33.9</b>	<b>36.9</b>	<b>39.9</b>	<b>39.9</b>