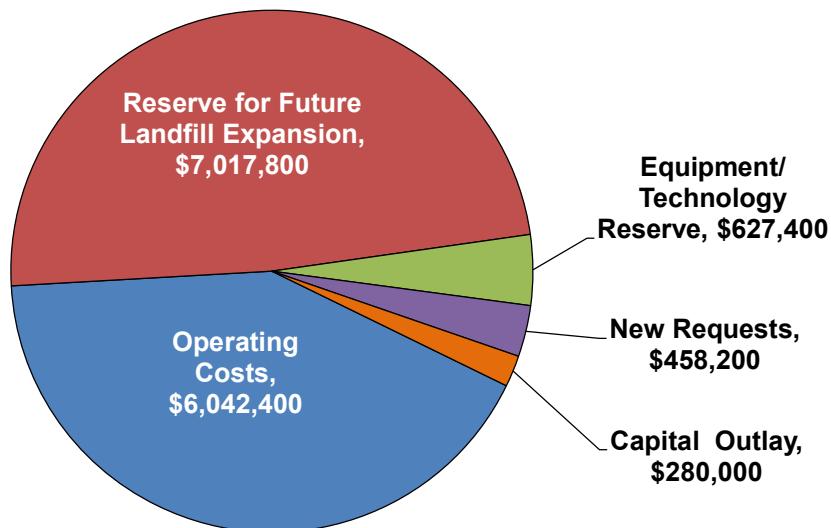


**FISCAL YEAR 2025**  
**Landfill Operations**  
**Total Budget: \$14,425,800**

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 FY2025 proposed budget includes funding for 40.1 full-time equivalent positions.



	FY2024 Adopted	FY2025 Proposed	Variance	% Change
Revenues	\$12,532,400	\$10,980,700	(\$1,551,700)	-12.4%
Expenditures	13,448,200	13,687,600	239,400	1.8%
<b>Baseline Surplus/(Deficit)</b>	<b>(\$915,800)</b>	<b>(\$2,706,900)</b>	<b>(\$1,791,100)</b>	
Use of Fund Balance - to support lower tons	915,800	1,515,800	600,000	
<b>Revised Baseline Surplus/(Deficit)</b>	<b>\$0</b>	<b>(\$1,191,100)</b>	<b>(\$1,191,100)</b>	
New Requests		(458,200)	(458,200)	
<b>Subtotal</b>	<b>\$0</b>	<b>(\$1,649,300)</b>	<b>(\$1,649,300)</b>	
Use of Fund Balance - one time items		451,800	451,800	
<b>Total Surplus / (Deficit)</b>	<b>\$0</b>	<b>(\$1,197,500)</b>	<b>(\$1,197,500)</b>	
Equipment/Tech. Reserve/Fund Balance	\$525,000	\$280,000	(\$245,000)	
Capital New & Replacement	(525,000)	(280,000)	245,000	
<b>Surplus / (Deficit)</b>	<b>\$0</b>	<b>(\$1,197,500)</b>	<b>(\$1,197,500)</b>	

\$1.00 increase on the Tipping Fee adjusts revenues by \$119,240.

<b><u>Baseline Changes:</u></b>	<b><u>Change</u></b>
<b>Use of Fund Balance</b> Increased to offset lower tonnage received at the Landfill.	\$600,000
<b>Decrease in Operating Revenues</b> Based on current activity; tonnage received at the Landfill have been declining on average 8% compared to last year.	(1,136,700)
<b>Personal Services/Fringe Benefits</b> Based on current staffing which includes the full-year impact of FY2024 approved salary increases and potential FY2025 salary increases.	(391,200)
<b>Landfill Expansion/Closure</b> Increase in Post-Closure costs due to inflation & increase construction costs for future expansion.	(181,600)
<b>Credit Card Processing</b> Increased based on prior year activity and anticipated costs for FY2025.	(32,000)
<b>Equipment Repairs &amp; Maintenance</b> Increased based on prior year activity and anticipated costs for FY2025.	(25,100)
<b>Vehicle Fuel &amp; maintenance</b> Increased based on prior year activity and anticipated costs for FY2025.	(16,000)
<b>Miscellaneous adjustments in other accounts</b>	(8,500)
<b>Total Baseline Surplus/(Deficit)</b>	<b>(\$1,191,100)</b>

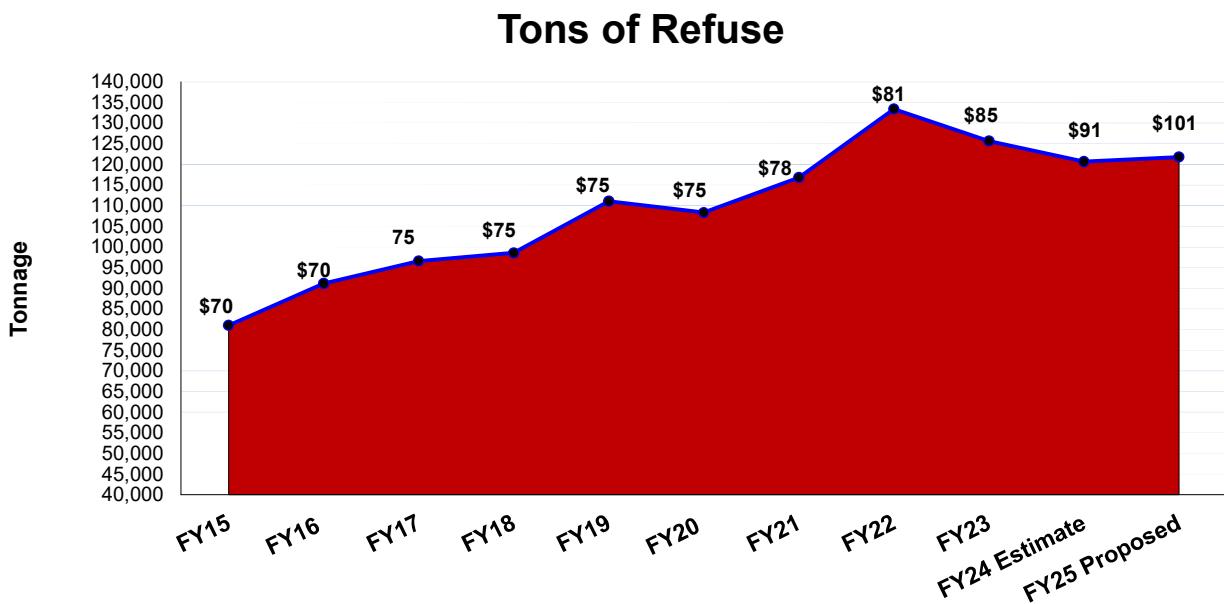
<b><u>New Requests for FY2025:</u></b>	<b><u>Request</u></b>
<b>Rough Terrain Vehicles - 2</b> Use of Fund Balance	(56,000) 56,000
<i>Two rough terrain vehicle are needed to complete grounds maintenance tasks at the landfill to include landfill gas, stormwater, and leachate monitoring.</i>	
<b>Perimeter Fence</b> Use of Fund Balance	(275,000) 275,000
<i>Truck lift needed to improve shop operations and increase in-house repairs for heavy equipment.</i>	
<b>Utility Tractor</b> Use of Fund Balance	(103,500) 103,500
<i>The landfill terrain requires a tractor that can safely cut the slopes and various attachments.</i>	
<b>Tractor Seeder Attachment</b> Use of Fund Balance	(17,300) 17,300
<i>Seeder attachment is needed to support vegetation and cover of landfill slopes to prevent sediment runoff and erosion</i>	
<b>On-Call Pay budget increase to increase on-call rates</b>	(6,400)
	<b>(\$6,400)</b>
	<b>Surplus/(Deficit)</b> <b>(\$1,197,500)</b>

<b>Landfill Tipping Fee Change:</b>		
FY2024 Tipping Fee (per ton)	\$91	
Change needed to balance the FY2025 Budget	\$10	
<b>FY2025 Proposed Tipping Fee (per ton)</b>	<b>\$101</b>	

## Landfill Fees:

	FY2024	FY2025
<b>Tipping Fee</b>	\$91 per ton / \$15 min fee	\$101 per ton / \$15 min fee
<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>	\$10 per load	\$10 per load
<b>Pick Up Truck without trailer</b>	\$15 per load	\$15 per load
<b>Pick Up Truck without trailer mixed loads</b>	\$20 per load	\$20 per load
<b>Vehicles with trailer Weigh In</b>	\$91 per ton / \$15 min fee	\$101 per ton / \$15 min fee
<b>Vehicles with trailer Weigh In - Mixed Loads</b>	\$115 per ton / \$15 min fee	\$125 per ton / \$15 min fee
<b>Loads without separated recyclables and loads of recyclables</b>	\$115 per ton / \$15 min fee	\$125 per ton / \$15 min fee
<b>Commercial Vehicle Bulk Rate</b>	\$15 per load	\$15 per load
<b>Contaminated Soil for Commercial Generators</b>	\$115 per ton / \$15 min fee	\$125 per ton / \$15 min fee
<b>Loads of shingles and roofing materials</b>	n/a	\$125 per ton / \$15 min fee
<b>Open Top Roll-Off Container*</b>	\$115 per ton / \$15 min fee	\$125 per ton / \$15 min fee

\*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.



# LANDFILL FUND

	FY2024 Adopted	FY2025 Proposed	Variance	% Change
<b>Revenue</b>				
Tipping Fees	\$11,912,400	\$10,775,700	(\$1,136,700)	-9.5%
Tag-a-bag Fees @ \$2.25 per bag	200,000	200,000	0	0.0%
Permits & Miscellaneous	5,000	5,000	0	0.0%
Total Operating Revenues	\$12,117,400	\$10,980,700	(\$1,136,700)	-9.4%
Use of Fund Balance - Revenue Loss	915,800	1,515,800	600,000	65.5%
Fund Balance - One Time Items	415,000	451,800	36,800	8.9%
Total Revenues	\$13,448,200	\$12,948,300	(\$499,900)	-3.7%

## Expenditures

Salary & Fringe	\$3,234,000	\$3,644,700	\$410,700	12.7%
Operating Costs	2,031,700	2,155,700	124,000	6.1%
Debt Service	279,500	248,400	(31,100)	-11.1%
Operating Contingency	24,400	0	(24,400)	-100.0%
Capital Outlay	415,000	451,800	36,800	8.9%
Landfill Expansion/Closure Reserve	6,836,200	7,017,800	181,600	2.7%
Equipment/Technology Reserve	627,400	627,400	0	0.0%
Total Expenditures	\$13,448,200	\$14,145,800	\$697,600	5.2%
Operating Surplus/(Deficit)	\$0	(\$1,197,500)	(\$1,197,500)	

## Equipment/Technology Reserve

Equipment/Technology Reserve/Fund Balance	525,000	280,000	(245,000)	-46.7%
Use of Reserve	(525,000)	(280,000)	245,000	-46.7%
Total Other Uses	\$0	\$0	\$0	
Total Surplus/(Deficit)	\$0	(\$1,197,500)	(\$1,197,500)	

## Replacement Capital - Use of Equipment/Technology Reserve

## Cost

Road Tractor - replacing S-035; 2026 with 118,246 miles	280,000
	\$280,000

**LANDFILL****FUND**

(\$ in thousands)

**FY2025-FY2029 OPERATING PLAN**

	<u><b>FY 2025</b></u>	<u><b>FY 2026</b></u>	<u><b>FY 2027</b></u>	<u><b>FY 2028</b></u>	<u><b>FY 2029</b></u>
<b>Revenues</b>					
Operating Revenues	\$10,980.7	\$11,102.3	\$11,223.8	\$11,362.7	\$11,501.6
Fund Balance/ Capital Reserve	2,247.6	1,130.4	915.8	1,025.9	915.8
<b>Revenues</b>	<b>\$13,228.3</b>	<b>\$12,232.7</b>	<b>\$12,139.6</b>	<b>\$12,388.6</b>	<b>\$12,417.4</b>
<b>Expenses</b>					
Operating Expenses	\$13,445.6	\$13,888.6	\$14,317.9	\$14,771.9	\$15,127.8
Capital Outlay	731.8	214.6	0.0	110.1	0.0
Debt Service	248.4	219.1	167.0	135.1	135.6
<b>Expenses</b>	<b>\$14,425.8</b>	<b>\$14,322.3</b>	<b>\$14,484.9</b>	<b>\$15,017.1</b>	<b>\$15,263.4</b>
<b>Surplus\Deficit:</b>	<b>(\$1,197.5)</b>	<b>(\$2,089.6)</b>	<b>(\$2,345.3)</b>	<b>(\$2,628.5)</b>	<b>(\$2,846.0)</b>
Estimated Annual Tipping					
Fee Adjustment:	\$10	\$7	\$2	\$2	\$1
Tipping Fee	<b>\$101</b>	<b>\$108</b>	<b>\$110</b>	<b>\$112</b>	<b>\$113</b>
% rate change	11.0%	6.9%	1.9%	1.8%	0.9%

**FY2025-FY2029 CAPITAL IMPROVEMENT PLAN**

	<u><b>FY 2025</b></u>	<u><b>FY 2026</b></u>	<u><b>FY 2027</b></u>	<u><b>FY 2028</b></u>	<u><b>FY 2029</b></u>	<b>Total</b>
						<b>'25-'29</b>
<b>Capital Costs:</b>						
Landfill Gas to Energy*	606	406	800	0	0	1,812
Landfill Cell 4B*	11,120	0	0	0	0	11,120
Landfill Cell 4C*	0	0	8,505	0	0	8,505
Landfill Convenience Center & Waste Transfer Station*	6,281	0	0	0	0	6,281
<b>Total</b>	<b>\$18,007</b>	<b>\$406</b>	<b>\$9,305</b>	<b>\$0</b>	<b>\$0</b>	<b>\$27,718</b>
<b>Finance Sources</b>						
Capital Budget Reserve*	\$18,007	\$406	\$9,305	\$0	\$0	\$27,718
<b>Total</b>	<b>\$18,007</b>	<b>\$406</b>	<b>\$9,305</b>	<b>\$0</b>	<b>\$0</b>	<b>\$27,718</b>
Cumulative Operating Impact: Landfill to Gas Energy Project	0.0	0.0	0.0	51.6	54.1	

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

## PROPOSED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2025

(\$ in thousands)

#### **LANDFILL SUMMARY**

Local governments have the duty to provide for the disposal of solid waste (trash) generated within its borders. Charles County plans for this function by establishing cash reserves collected from tipping fee revenue and dedicates the reserves for the next landfill cell. The current facility is composed of four cells over a 114 acre site. Other capital maintenance projects to the landfill are financed from ongoing tipping fee revenues.

EXPENSE BUDGET	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	5-Year			
						Total '25-'29	Approp. thru FY24	Beyond FY 2029	Project Total
Architectural & Engineering	\$500	\$0	\$100	\$0	\$0	\$600	\$380	\$0	\$980
Land & ROW	3,000	0	0	0	0	3,000	0	0	3,000
Construction	12,400	400	8,300	0	0	21,100	2,600	0	23,700
Equipment	0	0	0	0	0	0	0	0	0
Administration	400	0	50	0	0	450	81	0	531
Administration - FAS	12	6	5	0	0	23	18	0	41
Inspection	195	0	100	0	0	295	90	0	385
Miscellaneous	100	0	0	0	0	100	10	0	110
Contingency	1,400	0	750	0	0	2,150	100	0	2,250
<b>Total Outlay</b>	<b>\$18,007</b>	<b>\$406</b>	<b>\$9,305</b>	<b>\$0</b>	<b>\$0</b>	<b>\$27,718</b>	<b>\$3,279</b>	<b>\$0</b>	<b>\$30,997</b>

FINANCING SOURCES									
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital Budget Reserve	18,007	406	9,305	0	0	27,718	3,279	0	30,997
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$18,007	\$406	\$9,305	\$0	\$0	\$27,718	\$3,279	\$0	\$30,997
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>\$18,007</b>	<b>\$406</b>	<b>\$9,305</b>	<b>\$0</b>	<b>\$0</b>	<b>\$27,718</b>	<b>\$3,279</b>	<b>\$0</b>	<b>\$30,997</b>

Operating Budget Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Approp. thru FY24	Beyond FY 2029
No. of Personnel	0.00	0.00	0.00	1.00	1.00	0.00	1.00
Personnel Costs	0.0	0.0	0.0	49.0	51.4	0.0	53.5
Operating	0.0	0.0	0.0	2.6	2.7	0.0	2.7
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$51.6</b>	<b>\$54.1</b>	<b>\$0.0</b>	<b>\$56.2</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>\$51.6</b>	<b>\$54.1</b>	<b>\$0.0</b>	<b>\$56.2</b>

# PROPOSED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2025

(\$ in thousands)

**PROJECT NAME:**
**Requested By:** DPW

**Landfill Gas to Energy**

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 CO<sub>2</sub>. 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.

Planning Commission Comments: Project is consistent with Comprehensive Plan. (Rating #1)  
**PRIORITY**

**VARIANCE TO APPROVED PER FY24-FY28 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL	
Approved FY24-FY28 CIP	\$1,006	\$806	\$0	\$0	\$1,812	<i>Increases to A&amp;E and construction are the result of new Maryland regulations, COMAR 26.11.42 for landfill gas.</i>
<b>Increase/(Decrease)</b>	<b>(\$400)</b>	<b>(\$400)</b>	<b>\$800</b>	<b>\$0</b>	<b>\$0</b>	<i>Landfill Gas to Energy projects help curtail global climate change by reducing methane emissions, a greenhouse gas more potent than CO<sub>2</sub>.</i>
% change	-39.8%	-49.6%	new	n/a	0.0%	<i>Project adjusted for revised timelines.</i>

EXPENSE BUDGET	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	5-Year			
						Total '25-'29	Approp. thru FY24	Beyond FY 2029	Project Total
Architectural & Engineering	\$200	\$0	\$0	\$0	\$0	\$200	\$300	\$0	\$500
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	400	400	800	0	0	1,600	1,600	0	3,200
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	6	6	0	0	0	12	15	0	27
Inspection	0	0	0	0	0	0	40	0	40
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$606</b>	<b>\$406</b>	<b>\$800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,812</b>	<b>\$1,955</b>	<b>\$0</b>	<b>\$3,767</b>

FINANCING SOURCES	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total '25-'29	Approp. thru FY24	Beyond FY 2029	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital Budget Reserve	606	406	800	0	0	1,812	1,955	0	3,767
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$606</b>	<b>\$406</b>	<b>\$800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,812</b>	<b>\$1,955</b>	<b>\$0</b>	<b>\$3,767</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>\$606</b>	<b>\$406</b>	<b>\$800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,812</b>	<b>\$1,955</b>	<b>\$0</b>	<b>\$3,767</b>

Operating Budget Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Approp. thru FY24	Beyond FY 2029
No. of Personnel	0.00	0.00	0.00	1.00	1.00	0.00	1.00
Personnel Costs	0.0	0.0	0.0	49.0	51.4	0.0	53.5
Operating	0.0	0.0	0.0	2.6	2.7	0.0	2.7
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$51.6</b>	<b>\$54.1</b>	<b>\$0.0</b>	<b>\$56.2</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>\$51.6</b>	<b>\$54.1</b>	<b>\$0.0</b>	<b>\$56.2</b>

Increase to Annual Tipping fee: \$0.00 \$0.00 \$0.00 \$0.42 \$0.44 \$0.00 \$0.46

**LOCATION:**

Charles County Landfill, Waldorf Maryland

**COMMISSIONER DISTRICT:**

4

# PROPOSED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2025

(\$ in thousands)

**PROJECT NAME:**  
**Landfill Cell 4B**

Requested By: DPW

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.

Planning Commission Comments: Project is consistent with Comprehensive Plan. (Rating #1)  
**PRIORITY**

### **VARIANCE TO APPROVED PER FY24-FY28 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL	<i>The project cost is based on the price from Cell 4A and takes into consideration that Cell 4B is two acres smaller with a reduced scope of work.</i>
Approved FY24-FY28 CIP	\$7,586	\$6,707	\$0	\$0	\$14,293	
<b>Increase/(Decrease)</b>	<b>\$3,534</b>	<b>(\$6,707)</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$3,173)</b>	<i>The project is needed one year sooner than expected when the FY24 budget was adopted.</i>
% change	46.6%	-100.0%	n/a	n/a	-22.2%	

EXPENSE BUDGET	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	5-Year Total '25-'29		Approp. thru FY24	Beyond FY 2029	Project Total
						Total	Approp. thru FY24			
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0	0
Construction	10,000	0	0	0	0	10,000	0	0	0	10,000
Equipment	0	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0	0
Administration - FAS	0	0	0	0	0	0	0	0	0	0
Inspection	120	0	0	0	0	120	0	0	0	120
Miscellaneous	0	0	0	0	0	0	0	0	0	0
Contingency	1,000	0	0	0	0	1,000	0	0	0	1,000
<b>Total Outlay</b>	<b>\$11,120</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,120</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,120</b>

FINANCING SOURCES	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	5-Year Total '25-'29		Approp. thru FY24	Beyond FY 2029	Project Total
						Total	Approp. thru FY24			
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital Budget Reserve	11,120	0	0	0	0	11,120	0	0	0	11,120
Operating Transfer	0	0	0	0	0	0	0	0	0	0
Total County Funding	\$11,120	\$0	\$0	\$0	\$0	\$11,120	\$0	\$0	\$0	\$11,120
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>\$11,120</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,120</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,120</b>

Operating Budget Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Approp. thru FY24		Beyond FY 2029
						Total	Approp. thru FY24	
No. of Personnel	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
Operating	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>
Debt Service: Bonds	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
<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>

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

<b>LOCATION:</b> Charles County Landfill, Waldorf Maryland	<b>COMMISSIONER DISTRICT:</b> 4
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# PROPOSED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2025

(\$ in thousands)

**PROJECT NAME:**  
**Landfill Cell 4C**

Requested By: DPW

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.

Planning Commission Comments: Project is consistent with Comprehensive Plan. (Rating #1)

### **VARIANCE TO APPROVED PER FY24-FY28 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL	Based on revised project cost and revised project schedule.
Approved FY24-FY28 CIP	\$0	\$57	\$12,858	\$0	\$12,915	
<b>Increase/(Decrease)</b>	<b>\$0</b>	<b>(\$57)</b>	<b>(\$4,353)</b>	<b>\$0</b>	<b>(\$4,410)</b>	
% change	n/a	-100.0%	-33.9%	n/a	-34.1%	

EXPENSE BUDGET	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	5-Year			
						Total '25-'29	Approp. thru FY24	Beyond FY 2029	Project Total
Architectural & Engineering	\$0	\$0	\$100	\$0	\$0	\$100	\$0	\$0	\$100
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	7,500	0	0	7,500	0	0	7,500
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	50	0	0	50	0	0	50
Administration - FAS	0	0	5	0	0	5	0	0	5
Inspection	0	0	100	0	0	100	0	0	100
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	750	0	0	750	0	0	750
<b>Total Outlay</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,505</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,505</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,505</b>

FINANCING SOURCES	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	5-Year			
						Total '25-'29	Approp. thru FY24	Beyond FY 2029	Project Total
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital Budget Reserve	0	0	8,505	0	0	8,505	0	0	8,505
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,505</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,505</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,505</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>\$0</b>	<b>\$8,505</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,505</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,505</b>

Operating Budget Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Approp. thru FY24		Beyond FY 2029	
						0.00	0.00	0.00	0.00
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>

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

# PROPOSED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2025

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Landfill Convenience Center and Waste Transfer Station</b>	<b>Requested By:</b> <b>Project #:</b>																								
<p>A county owned and operated waste transfer station that will service homeowners, small haulers, and large haulers. As the Charles County Landfill nears capacity a waste transfer facility is needed to meet the needs of county businesses and citizens. Waste collected at this facility will be transferred to other jurisdictions for processing, recovery, and disposal. The facility will incorporate a citizen convenience center. The relocation of the citizen convenience center must be relocated prior to cell 4b construction begins.</p>																									
<p>Planning Commission Comments: Project is consistent with Comprehensive Plan. (Rating #1)</p>																									
<b>PRIORITY</b>																									
<b>VARIANCE TO APPROVED PER FY24-FY28 CAPITAL IMPROVEMENT PROGRAM:</b>																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">FY 2025</th> <th style="text-align: center;">FY 2026</th> <th style="text-align: center;">FY 2027</th> <th style="text-align: center;">FY 2028</th> <th style="text-align: center;">TOTAL</th> </tr> </thead> <tbody> <tr> <td>Approved FY24-FY28 CIP</td> <td style="text-align: center;">\$0</td> </tr> <tr> <td><b>Increase/(Decrease)</b></td> <td style="text-align: center;"><b>\$6,281</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>\$6,281</b></td> </tr> <tr> <td>% change</td> <td style="text-align: center;">new</td> <td style="text-align: center;">n/a</td> <td style="text-align: center;">n/a</td> <td style="text-align: center;">n/a</td> <td style="text-align: center;">new</td> </tr> </tbody> </table>		FY 2025	FY 2026	FY 2027	FY 2028	TOTAL	Approved FY24-FY28 CIP	\$0	\$0	\$0	\$0	\$0	<b>Increase/(Decrease)</b>	<b>\$6,281</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,281</b>	% change	new	n/a	n/a	n/a	new	<i>Additional funding is needed to acquire property for a citizen convenience center and waste transfer station. This facility will be designed to handle citizen and small business waste that is currently hauled to the landfill.</i>
	FY 2025	FY 2026	FY 2027	FY 2028	TOTAL																				
Approved FY24-FY28 CIP	\$0	\$0	\$0	\$0	\$0																				
<b>Increase/(Decrease)</b>	<b>\$6,281</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,281</b>																				
% change	new	n/a	n/a	n/a	new																				

EXPENSE BUDGET	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	5-Year Total '25-'29			
						Approp. thru FY24	Beyond FY 2029	Project Total	
Architectural & Engineering	\$300	\$0	\$0	\$0	\$0	\$300	\$80	\$0	\$380
Land & ROW	3,000	0	0	0	0	3,000	0	0	3,000
Construction	2,000	0	0	0	0	2,000	1,000	0	3,000
Equipment	0	0	0	0	0	0	0	0	0
Administration	400	0	0	0	0	400	81	0	481
Administration - FAS	6	0	0	0	0	6	3	0	9
Inspection	75	0	0	0	0	75	50	0	125
Miscellaneous	100	0	0	0	0	100	10	0	110
Contingency	400	0	0	0	0	400	100	0	500
<b>Total Outlay</b>	<b>\$6,281</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,281</b>	<b>\$1,324</b>	<b>\$0</b>	<b>\$7,605</b>

FINANCING SOURCES	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	5-Year Total '25-'29			
						Approp. thru FY24	Beyond FY 2029	Project Total	
Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital Budget Reserve	6,281	0	0	0	0	6,281	1,324	0	7,605
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$6,281	\$0	\$0	\$0	\$0	\$6,281	\$1,324	\$0	\$7,605
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>\$6,281</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,281</b>	<b>\$1,324</b>	<b>\$0</b>	<b>\$7,605</b>

Operating Budget Impact	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	5-Year Total '25-'29			
						Approp. thru FY24	Beyond FY 2029	Project Total	
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>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>

LOCATION:	COMMISSIONER DISTRICT:
TBD	TBD

## Solid Waste

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

Expenditure Category	FY2023 Actual	FY2024 Adopted	FY2025 Request	FY2025 Proposed	\$ Change from FY2024	% Chg.
Personal Services	\$2,194,153	\$2,376,900	\$2,657,000	\$2,663,400	\$286,500	12.1%
Fringe Benefits	617,193	746,000	857,100	857,100	111,100	14.9%
Operating Costs	1,896,931	2,031,700	2,155,700	2,155,700	124,000	6.1%
Debt Service	290,672	279,500	248,400	248,400	(31,100)	-11.1%
Agency Funding	91,600	111,100	124,200	124,200	13,100	11.8%
Operating Contingency	0	24,400	0	0	(24,400)	-100.0%
Landfill Expansion/Closure	5,572,700	6,836,200	7,017,800	7,017,800	181,600	2.7%
Capital Outlay	2,018,998	940,000	280,000	731,800	(208,200)	-22.1%
Equipment/Tech Reserve	627,400	627,400	627,400	627,400	0	0.0%
<b>Total Baseline</b>	<b>\$13,309,646</b>	<b>\$13,973,200</b>	<b>\$13,967,600</b>	<b>\$14,425,800</b>	<b>\$452,600</b>	<b>3.2%</b>
New Requests	0	0	458,200		0	N/A
<b>Total Expenditures</b>	<b>\$13,309,646</b>	<b>\$13,973,200</b>	<b>\$14,425,800</b>	<b>\$14,425,800</b>	<b>\$452,600</b>	<b>3.2%</b>

### Changes and Useful Information:

- **Personal Services** and **Fringe Benefits** increase includes the full-year impact of FY2024 approved salary increases, as well as funding to support potential FY2025 salary increases.
- The **Operating Costs** increase is to support fuel, utilities, supplies, equipment repair and maintenance, credit card processing costs, insurance, and indirect costs.
- **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).
- The **Landfill Expansion/Closure** budget funds the future development of the remaining space at the Landfill. The increase is due to increase closure/post closure costs, as well as, rising construction costs for future expansion.
- The **Capital Outlay** budget is net decreased due to FY2024 one-time purchases. Also included is funding to purchase rough terrain vehicles, utility tractor, a tractor seeder attachment, replacement of a road tractor, and installation of a 50-foot-tall fence around the perimeter of the landfill.
- The **Equipment Reserve** budget is to replace future equipment at the landfill.

### 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		
<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>FY21</b>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>FY25</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
Assistant to the Director of DPW	0.0	0.0	0.0	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 Management Support Coordinator	0.0	0.0	0.0	0.1	0.1
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	8.5	8.5	8.5	8.5
Recycling Equipment Operator II - IV	0.0	1.0	1.0	1.0	1.0
Weigh Clerk	5.0	5.0	5.0	5.0	5.0
Environmental Resources Inventory Equipment Manager	0.0	1.0	1.0	1.0	1.0
Office Associate II	1.0	1.0	1.0	1.0	1.0
Landfill Technician Team Leader	1.0	0.0	0.0	0.0	0.0
Landfill Technician	8.0	5.0	5.0	5.0	5.0
Recycling Site Attendant	0.0	3.5	3.5	3.5	3.5
Part Time Positions	3.2	3.2	3.2	3.2	3.2
<b>Total Full Time Equivalent</b>	<b>36.9</b>	<b>39.9</b>	<b>39.9</b>	<b>40.1</b>	<b>40.1</b>

## Objectives & Measurements

<b>Objectives &amp; Measurements:</b>	<b>FY21</b>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>FY25</b>
	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Projected</u>	<u>Estimated</u>
<i>Objective: To monitor revenues to ensure compliance with the landfill's long-term financial assurance model.</i>					
Billable Landfill tons received	88,033	98,650	92,373	100,000	107,000
Fee per ton	\$78	\$81	\$85	\$91	\$91
Billable Roll Off tons received	28,767	34,738	33,625	35,000	37,000
Roll Off Fee per ton	\$88	\$88	\$101	\$115	\$115
<i>Objective: To maintain high compaction density and continued utilization of alternative daily cover material to conserve</i>					
Total Tons	121,411	138,943	131,818	136,200	139,400
Number of Patrons	94,969	93,991	86,965	89,500	92,600