



New Organics Processing Facility (P802508)

Category	Recycling and Resource Management	Date Last Modified	05/16/24
SubCategory	Recycling and Resource Management	Administering Agency	Environmental Protection
Planning Area	Little Monacacy Basin Dickerson-Barnesville	Status	Preliminary Design Stage

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY23	Est FY24	Total 6 Years	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Beyond 6 Years
Planning, Design and Supervision	3,000	-	-	3,000	1,800	600	600	-	-	-	-
Site Improvements and Utilities	7,500	-	-	7,500	-	3,750	3,750	-	-	-	-
Construction	17,000	-	-	17,000	-	8,500	8,500	-	-	-	-
Other	500	-	-	500	200	150	150	-	-	-	-
TOTAL EXPENDITURES	28,000	-	-	28,000	2,000	13,000	13,000	-	-	-	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY23	Est FY24	Total 6 Years	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Beyond 6 Years
Current Revenue: Solid Waste Disposal	3,500	-	-	3,500	2,000	750	750	-	-	-	-
Revenue Bonds	24,500	-	-	24,500	-	12,250	12,250	-	-	-	-
TOTAL FUNDING SOURCES	28,000	-	-	28,000	2,000	13,000	13,000	-	-	-	-

OPERATING BUDGET IMPACT (\$000s)

Impact Type	Total 6 Years	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30
Maintenance	473	-	-	-	200	132	141
Energy	38	-	-	-	17	10	11
Program-Other	1,135	-	-	-	325	395	415
NET IMPACT	1,646	-	-	-	542	537	567

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 25 Request	2,000	Year First Appropriation	
Appropriation FY 26 Request	13,000	Last FY's Cost Estimate	-
Cumulative Appropriation	-		
Expenditure / Encumbrances	-		
Unencumbered Balance	-		

PROJECT DESCRIPTION

Currently the County does not have a facility capable of accepting food scraps and other compostable organics. The existing County

Yard Trim Compost Facility in Dickerson, MD could be modified to comply with MDE permit requirements. Modifications would include the installation of a Covered Aerated Static Pile ("CASP") system, improvements to storm water management structures and systems and the upgrade to the electrical service.

Any significant change in the operation of the Yard Trim Compost Facility would require an amendment of the Agreement of Settlement and Compromise between the County and Sugarloaf Citizens Association.

The construction dollars shown in this project are placeholder dollars based on initial information for modifying the County's Yard Trim Compost Facility to accept food scraps and other compostable organics.

FY25 Planning and Design expenditures may be used to develop potential scopes of work and cost estimates for building an organics processing facility at other locations in Montgomery County as well as to consider modifications needed at the Transfer Station to receive organics for transport to a future organics processing facility.

LOCATION

21210 Martinsburg Road, Dickerson, MD 20842

ESTIMATED SCHEDULE

Planning and design will begin in FY25.

PROJECT JUSTIFICATION

According to the 2023 Waste Composition Study, Compostable Organics make up 23% of the municipal solid waste (MSW) received at the transfer station. Of the 600,000 tons of MSW received at the transfer station each year, approximately 138,000 tons is compostable organics. Capturing the compostable organics and converting them into a high-quality soil amendment would reduce the total tons of waste processed at the Resource Recovery Facility and emit far less greenhouse gasses than landfilling.

FISCAL NOTE

The Solid Waste Enterprise Fund is self-supporting through user fees, and revenue from the Solid Waste Enterprise Fund will be the source of repayment of the Solid Waste Revenue Bonds.

DISCLOSURES

A pedestrian impact analysis will be performed during design or is in progress.

COORDINATION

Maryland Department of the Environment, Department of Permitting Services, Department of Finance, Department of Transportation, Office of the County Attorney, Office of Management and Budget, Sugarloaf Citizens Association