# Environment

# **AGENCY OVERVIEW**

# **Agency Description**

The Department of the Environment (DOE) is responsible for the operation of the County's solid waste disposal and recycling activities, oversight of contract refuse collection and planning, policy development and coordination with other agencies regarding water quality, stormwater management, sludge and solid waste management, tree preservation and other environmental issues. DOE also has responsibility for the enforcement of a variety of County laws relating to: (1) sediment and erosion control, (2) stormwater management and (3) animal control.

# **Facilities**

DOE provides services to County residents at several facilities that it operates throughout the County, including various waste and recycling facilities and the County's Animal Services Facility and Adoption Center.

# **Needs Assessment**

The primary factor taken into consideration during the development of the CIP is how to best implement the County's 10-Year Solid Waste Plan. Other considerations include the necessity for the future expansion of the Solid Waste Management Program to meet future demand, demographic changes and the need to improve the animal management programs.

# FY 2026 Funding Sources

- Federal 32.1%
- Revenue Bonds 67.9%

# FY 2026-2031 Program Highlights

 In FY 2026, the funding for the Brown Station Landfill will continue to support the design of the Area C project, landfill gas pipeline upgrades, leachate pre-treatment plant construction, household hazardous waste and resource diversion lot relocation and scalehouse and access road improvements.

- FY 2026 funding for the Materials Recycling Facility project will be used to support concrete replacement, procurement of a new conveyor belt and installation of a plastic vacuum for the optical sorter.
- FY 2026 funding for the County's Organics Composting Facility will support a new pond construction initiative required by the Soil Conservation District, as well as various improvements to meet State regulations, such as clay liner and perimeter core trenches, gore covers and gore probes.
- In FY 2026, the Sandy Hill Sanitary Landfill project will continue to perform post closure activities, such as the design, permitting and construction of slope and perimeter cap repairs, stormwater structures, landfill gas and ground water wells and structures, leachate conveyance and storage system, pond renovations, flare upgrades and repairs, perimeter road repairs and maintenance facility repairs.

# **New Projects**

None

# **Deleted Projects**

None

# **Revised Projects**

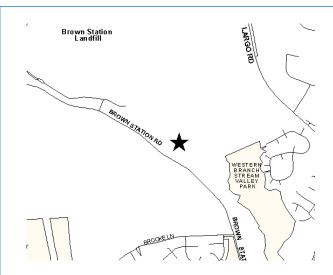
		Revisions							
Project Name	Alternate Funding Source Required	Total Project Cost Increase	Total Project Cost Decrease	Project Schedule Delayed	Project Schedule Accelerated				
Brown Station Landfill Construction			Х						
Materials Recycling Facility		Х							
North County Animal Shelter		Х		Х					
Organics Composting Facility		Х							
Resource Recovery Park			Х						

Category/ Description	Total Project Cost	Life to Date Actual	FY 2025 Estimate	Total 6 Years	Budget Year FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Beyond 6 Years
EXPENDITUR	E										
PLANS	\$6,506	\$4,331	\$300	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$1,875
LAND	—	—	—	—			—		—		—
CONSTR	154,888	44,537	62,265	31,749	2,010	9,968	4,952	6,108	7,959	752	16,337
EQUIP	28,896	21,914	250	6,732	5,330	338	346	355	363		—
OTHER	158,740	158,202	—	—	—	—	—	—	—		538
TOTAL	\$349,030	\$228,984	\$62,815	\$38,481	\$7,340	\$10 <i>,</i> 306	\$5 <i>,</i> 298	\$6,463	\$8,322	\$752	\$18,750
FUNDING											
GO BONDS	\$18,750	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$18,750
REVENUE	266,162	190,189	14,834	61,139	10,576	26,116	7,254	6,813	9,628	752	
FEDERAL	5,000	—	—	5,000	5,000	—	—	—	—		
OTHER	59,118	59,118		—	—	—	—	—	_		—
TOTAL	\$349,030	\$249,307	\$14 <i>,</i> 834	\$66,139	\$15,576	\$26,116	\$7,254	\$6,813	\$9,628	\$752	\$18,750
OPERATING I	MPACT										
PERSONNEL				\$—	\$—	\$—	\$—	\$—	\$—	\$—	
OPERATING				—			—		—		
DEBT				—	—	—	—		—	—	
OTHER				—	—	—	—	—	—		
TOTAL				\$—	\$—	\$—	\$—	\$—	\$—	\$—	

# Program Summary

# **Project Listing**

CIP ID#	Project Name	Address	Planning Area	Council District	Project Class	Total Project Cost (000)	Completion Date
5.54.0001	Brown Station Landfill Construction	Brown Station Road, Upper Marlboro	Upper Marlboro and Vicinity	Six	Addition	\$227,929	Ongoing
5.54.0020	Materials Recycling Facility	1000 Ritchie Road, Capitol Heights	Suitland, District Heights and Vicinity	Six	Rehabilitation	20,982	Ongoing
3.54.0002	North County Animal Shelter	Location Not Determined	Not Assigned	Not Assigned	New Construction	18,750	TBD
3.54.0001	Organics Composting Facility	6550 Maude Savoy Brown Road, Upper Marlboro	Mount Calvert Nottingham	Nine	New Construction	28,513	Ongoing
5.54.0004	Resource Recovery Park	3501 Brown Station Road, Upper Marlboro	Upper Marlboro and Vicinity	Six	New Construction	2,297	FY 2027
5.54.0003	Sandy Hill Sanitary Landfill	Old Laurel Bowie Road, Bowie	Bowie and Vicinity	Four	Addition	50,559	Ongoing
	Program Total					\$349,030	



L	ocation	Status			
Address	Brown Station Road, Upper Marlboro	Project Status	Under Construction		
<b>Council District</b>	Six	Class	Addition		
Planning Area	Upper Marlboro and Vicinity	Land Status	Publicly Owned Land		

### **PROJECT MILESTONES**

	Estimate	Actual
1 <sup>st</sup> Year in Capital Program		FY 1978
1 <sup>st</sup> Year in Capital Budget		FY 1978
Completed Design		Ongoing
Began Construction		Ongoing
Project Completion		Ongoing

**Description:** This project includes Brown Station Road Sanitary Landfill (BSRSL) Area C in-fill (extending the County's landfill capacity to the year 2045 or beyond), leachate pretreatment plant upgrades, Phase V landfill gas work, stormwater control structures, replacement of landfill gas pipeline and various infrastructure projects.

**Justification:** Projects at the landfill provide for continued operational and regulatory compliance and funding for major compliance projects mandated by the U.S. Environmental Protection Agency (EPA), Maryland Department of the Environment (MDE), Washington Suburban Sanitary Commission (WSSC Water) and the Public Service Commission.

**Highlights:** In FY 2026, funding will continue to support the design of the Area C project, landfill gas pipeline upgrades, leachate pre-treatment plan construction, household hazardous waster and resource diversion lot relocation and scalehouse and access road improvements. Cumulative appropriation will support the planned work in FY 2026.

#### Enabling Legislation: Not Applicable

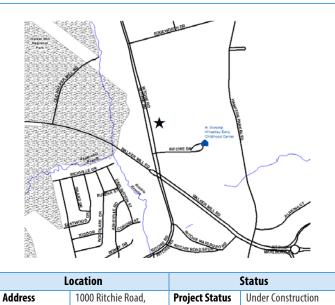
# CUMULATIVE APPROPRIATION (000'S)

Life to Date	FY 2025 Estimate	FY 2026	Total
\$171,302	\$33,100	\$0	\$204,402

Category/ Description	Total Project Cost	Life to Date Actual	FY 2025 Estimate	Total 6 Years	Budget Year FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Beyond 6 Years
EXPENDITURE											
PLANS	\$3,156	\$3,156	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
LAND	—	—	_	—	_	—	_	—	_	—	—
CONSTR	87,992	31,365	33,100	23,527	_	6,458	4,844	6,000	5,665	560	—
EQUIP	6,394	6,394	_	—	_	—	_	—	_	—	—
OTHER	130,387	130,387	_	—	_	—	_	—	_	—	—
TOTAL	\$227,929	\$171 <i>,</i> 302	\$33,100	\$23,527	\$—	\$6,458	\$4,844	\$6,000	\$5,665	\$560	\$—
FUNDING											
REVENUE	\$188,041	\$140,762	\$—	\$47,279	\$7,636	\$21,168	\$6,250	\$6,000	\$5,665	\$560	\$—
OTHER	39,888	39,888	_	—	_	_	_	_	_	—	—
TOTAL	\$227,929	\$180 <i>,</i> 650	\$—	\$47,279	\$7,636	\$21,168	\$6,250	\$6,000	\$5,665	\$560	\$—
OPERATING I	MPACT										
PERSONNEL				\$—	\$—	\$—	\$—	\$—	\$—	\$—	
OPERATING				_	—	—	—	—	—	—	
DEBT				_	—	_	—	_	—	—	
OTHER				_	_	_	_	_	_	—	
TOTAL				\$—	\$—	\$—	\$—	\$—	\$—	\$—	

Total

\$18,788



Address1000 Ritchie Road,<br/>Capitol HeightsProject StatusUnder ConstructionCouncil DistrictSixClassRehabilitationPlanning AreaSuitland, District<br/>Heights and VicinityLand StatusPublicly Owned Land

**Description:** This project includes the completion of a plastics optical sorter, commercial truck weighing scale, glass removal equipment, paving of a facility parking lot and operational inbound and outbound roads, roof repairs and tipping floor repairs. The installation of the sorter will provide increased commodities revenue for plastics and ensure accurate weights for manifests and tipping flees.

**Justification:** The Materials Recycling Facility (MRF) plays a pivotal role with the expected goals and successes of the residential and commercial recycling programs, waste diversion and resource recovery in Prince George's County.

**Highlights:** In FY 2026, funding supports concrete replacement, procurement of a new conveyor belt and installation of a plastic vacuum for the optical sorter. Cumulative appropriation will support the planned work in FYs 2026-2030.

Enabling Legislation: Not Applicable

	Estimate	Actual
1 <sup>st</sup> Year in Capital Program		FY 2016
1 <sup>st</sup> Year in Capital Budget		FY 2016
Completed Design		Ongoing
Began Construction		Ongoing
Project Completion		Ongoing

# PROJECT MILESTONES

CUMULATIVE APPROPRIATION (000'S)							
Date	FY 2025 Estimate	FY 2026					

\$0

\$9,197

Category/ Description	Total Project Cost	Life to Date Actual	FY 2025 Estimate	Total 6 Years	Budget Year FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Beyond 6 Years
EXPENDITURE											
PLANS	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
LAND		_	_	—	_	_	_	_	—	—	—
CONSTR	12,819	1,428	9,197	2,194	_	_	_	—	2,194	—	_
EQUIP	8,163	8,163	_	—	_	_	_	_	_	—	_
OTHER	_	_	_	_	_	_	_	_	_	—	_
TOTAL	\$20,982	\$9,591	\$9,197	\$2,194	\$—	\$—	\$—	\$—	\$2,194	\$—	\$—
FUNDING	· · · ·										
REVENUE	\$20,982	\$9,994	\$4,888	\$6,100	\$600	\$1,100	\$550	\$350	\$3,500	\$—	\$—
TOTAL	\$20,982	\$9,994	\$4,888	\$6,100	\$600	\$1,100	\$550	\$350	\$3,500	\$—	\$—
OPERATING I	MPACT										
PERSONNEL				\$—	\$—	\$—	\$—	\$—	\$—	\$—	
OPERATING				_		_	_	_	_	_	
DEBT				_	_			_	_	—	
OTHER				_	_	_	_	_	_	_	
TOTAL				\$—	\$—	\$—	\$—	\$—	\$—	\$—	

	N		
L	ocation		Status
Address	Location Not Determined	Project Status	Design Not Begun
	Not Accigned	Class	New Construction
<b>Council District</b>	Not Assigned	Class	new construction

# **PROJECT MILESTONES**

	Estimate	Actual
1 <sup>st</sup> Year in Capital Program		FY 2018
1 <sup>st</sup> Year in Capital Budget		FY 2020
Completed Design	TBD	
Began Construction	TBD	
Project Completion	TBD	

**Description:** In 2014, a committee was formed consisting of representatives from several municipalities and the County to discuss the need for additional animal management services in the north/northwestern part of the County to improve service delivery and outcomes.

**Justification:** Currently, the County operates one full-service open admission animal shelter in Upper Marlboro that takes approximately 10,000 animals per year and serves the entire County. However, the north/northwestern area of the County has the highest number of licensed pets, the highest adoption rates and the highest demand for services.

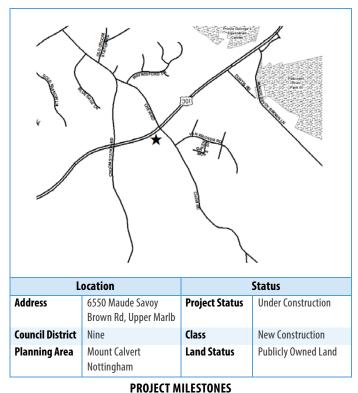
**Highlights:** This project was delayed to redirect resources to the existing shelter. In FY 2026, \$2.75 million was added to the County Building Renovations II (4.31.0001) project under the Office of Central Services for upgrades at the existing shelter. The renovations will improve the safety, health and welfare of staff, pets, visitors and volunteers. The total project costs were increased to reflect the preferred option from the feasibility study, including inflation. The scope and placement of services will be revisited when the project restarts.

#### Enabling Legislation: CB-47-2014

# CUMULATIVE APPROPRIATION (000'S)

Life to Date	FY 2025 Estimate	FY 2026	Total
\$0	\$0	\$0	\$0

Category/ Description	Total Project Cost	Life to Date Actual	FY 2025 Estimate	Total 6 Years	Budget Year FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Beyond 6 Years
EXPENDITURE											
PLANS	\$1,875	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$1,875
LAND		—	—	—		_		—	—	_	—
CONSTR	16,337	—	—	—	—	_	—	_	_	_	16,337
EQUIP	—	_	—	—			_	_	—		—
OTHER	538	—	—	—		—	—	—	—	—	538
TOTAL	\$18,750	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$18,750
FUNDING											
GO BONDS	\$18,750	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$18,750
TOTAL	\$18,750	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$18,750
OPERATING IN	MPACT										
PERSONNEL				\$—	\$—	\$—	\$—	\$ <u> </u>	\$—	\$—	
OPERATING				_	_	_	_	_	_	_	
DEBT				_	_	_	_	_	_	_	
OTHER				_	_	—	_	_	_	_	
TOTAL				\$—	\$—	\$—	\$—	\$—	\$—	\$—	



Description: This project includes 3,000 organics residential collection carts and facility needs, which improves the combined yard trim and food scrap curbside collection program. Funding will procure equipment that will facilitate effective materials processing. This project also includes stormwater management pond reconstruction.

Justification: The County's Organics Composting Facility includes the processing of food scraps, which plays a major role in generating revenue and increasing the diversion rate in the County. Composting turns organic waste into a popular soil amendment call Leafgro, and organics carts have expanded the residential food scrap composting program in accordance with CB-87-2012.

Highlights: FY 2026 funding will support a new pond construction initiative required by the Soil Conservation District, as well as various improvements to meet State regulations, such as clay liner and perimeter core trenches, gore covers and gore probes. The \$5.0 million in federal funding is from the EPA's Solid Waste Infrastructure for Recycling (SWIFR) grant program. Cumulative appropriation decreased due to unrealized federal aid.

# Enabling Legislation: Not Applicable

#### Estimate Actual FY 2013 1<sup>st</sup> Year in Capital Program FY 2013 1<sup>st</sup> Year in Capital Budget **Completed Design** Ongoing **CUMULATIVE APPROPRIATION (000'S) Began Construction** Ongoing Life to Date FY 2025 Estimate FY 2026 Total **Project Completion** Ongoing \$14,921 \$6,860 \$5,330 \$27,111

Category/ Description	Total Project Cost	Life to Date Actual	FY 2025 Estimate	Total 6 Years	Budget Year FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Beyond 6 Years
EXPENDITURE											
PLANS	\$643	\$643	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
LAND	—		—	—	_	_	—	_	_	_	_
CONSTR	13,945	7,335	6,610	—	—	—	—	—	—	_	_
EQUIP	13,925	6,943	250	6,732	5,330	338	346	355	363	_	_
OTHER	—	—	_	—	_	_	_	_	_	_	_
TOTAL	\$28,513	\$14,921	\$6,860	\$6,732	\$5,330	\$338	\$346	\$355	\$363	\$—	\$—
FUNDING											
REVENUE	\$21,179	\$17,419	\$2,028	\$1,732	\$330	\$338	\$346	\$355	\$363	\$—	\$—
FEDERAL	5,000		—	5,000	5,000	_	—	_	_	_	_
OTHER	2,334	2,334	—	—	_	_	—	_	_	_	_
TOTAL	\$28,513	\$19,753	\$2,028	\$6,732	\$5,330	\$338	\$346	\$355	\$363	\$—	\$—
OPERATING I	MPACT										
PERSONNEL				\$—	\$—	\$—	\$—	\$—	\$—	\$—	
OPERATING				_	_	_	_	_	_		
DEBT				_	_	_	_	_	_	_	
OTHER				_	_	_	_	_	_	_	
TOTAL				\$—	\$—	\$—	\$—	\$—	\$—	\$—	

t to the second se	Concert and Concer		
	ocation		Status
Address	3501 Brown Station Road, Upper Marlboro	Project Status	Design Stage
Council District	Six	Class	New Construction
Planning Area	Upper Marlboro and Vicinity	Land Status	Publicly Owned Land

**Description:** This project includes a system for waste diversion within the County in accordance with the Resource Recovery Master Plan, Zero Waste Plan and the Comprehensive 10-Year Solid Waste Plan. Funding supports the Missouri Avenue Convenience Center renovations.

**Justification:** Resource recovery is consistent with the principles of zero waste. It furthers the County's and Maryland's mandated recycling and waste diversion goals and conserves valuable landfill airspace while reducing environmental and financial impacts.

Highlights: No significant highlights for this project.

Enabling Legislation: Not Applicable

	Estimate	Actual
1 <sup>st</sup> Year in Capital Program		FY 1997
1 <sup>st</sup> Year in Capital Budget		FY 1997
Completed Design		FY 2020
Began Construction		FY 2020
Project Completion	FY 2027	

**PROJECT MILESTONES** 

	CUMULATIVE APPROPRIATION (000'S)									
Life to Date	FY 2025 Estimate	FY 2026	Total							
\$1,582	\$715	\$0	\$2,297							

Category/ Description	Total Project Cost	Life to Date Actual	FY 2025 Estimate	Total 6 Years	Budget Year FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Beyond 6 Years
EXPENDITURE											
PLANS	\$49	\$49	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
LAND	—		—	_	—	_	_	—	—	—	
CONSTR	856	141	715	—	_	_	_	_	—	—	
EQUIP	—		—	—	_	_	_	_	—	—	
OTHER	1,392	1,392	—	—	_	_	_	_	—	—	
TOTAL	\$2,297	\$1,582	\$715	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
FUNDING											
REVENUE	\$1,147	\$1,147	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
OTHER	1,150	1,150	—	—	—	_	_	—	—	—	
TOTAL	\$2,297	\$2,297	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
OPERATING I	ИРАСТ			·							
PERSONNEL				\$—	\$—	\$—	\$—	\$—	\$—	\$—	
OPERATING				_	_	_	_	_	_	—	
DEBT				_	_	_	_	_	_	—	
OTHER				_	_	_	_	_	_	_	
TOTAL				\$—	\$—	\$—	\$—	\$—	\$—	\$—	



L	ocation	Status				
Address	Old Laurel Bowie Road, Bowie	Project Status	Under Construction			
<b>Council District</b>	Four	Class	Addition			
Planning Area	Bowie and Vicinity	Land Status	Acquisition Complete			

**PROJECT MILESTONES** 

**Description:** This project provides funding for infrastructure work at the Sandy Hill Landfill required by the Maryland Department of the Environment (MDE) 2011 Consent Order and other necessary projects associated with earthen and geosynthetic cap repairs. Work includes replacement of nonperforming gas wells and extraction components, construction of a groundwater cut off wall, repair of the leachate conveyance system and construction of stormwater structures.

**Justification:** This project continues the County's objectives to maintain compliance with federal, State and local regulatory agencies.

**Highlights:** FY 2026 funding provides for the design, permitting and construction of slope and perimeter cap repairs, stormwater structures, landfill gas and ground water wells and structures, leachate conveyance and storage system, pond renovations, flare upgrades and repairs, perimeter road repairs and maintenance facility repairs.

**CUMULATIVE APPROPRIATION (000'S)** 

FY 2026

\$2,010

Total

\$46,541

FY 2025 Estimate

\$12,943

Enabling Legislation: Not Applicable

Life to Date

\$31,588

	Estimate	Actual
1 <sup>st</sup> Year in Capital Program		FY 1988
1 <sup>st</sup> Year in Capital Budget		FY 1988
Completed Design		Ongoing
Began Construction		Ongoing
Project Completion		Ongoing

Category/ Description	Total Project Cost	Life to Date Actual	FY 2025 Estimate	Total 6 Years	Budget Year FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Beyond 6 Years
EXPENDITUR	E										
PLANS	\$783	\$483	\$300	\$—	\$—	\$—	\$—	\$—	\$—	\$—	\$—
LAND	—	—	—	_		—	—			—	
CONSTR	22,939	4,268	12,643	6,028	2,010	3,510	108	108	100	192	
EQUIP	414	414	—	_		—	—			—	
OTHER	26,423	26,423	—	_		—	—			—	
TOTAL	\$50,559	\$31,588	\$12,943	\$6,028	\$2,010	\$3,510	\$108	\$108	\$100	\$192	\$—
FUNDING			·								
REVENUE	\$34,813	\$20,867	\$7,918	\$6,028	\$2,010	\$3,510	\$108	\$108	\$100	\$192	\$—
OTHER	15,746	15,746	—	_		—	—			—	
TOTAL	\$50,559	\$36,613	\$7,918	\$6,028	\$2,010	\$3,510	\$108	\$108	\$100	\$192	\$—
OPERATING I	MPACT										
PERSONNEL				\$—	\$—	\$—	\$—	\$—	\$—	\$—	
OPERATING				_	_	_	_	_	_	—	
DEBT				_	_	_	_	_	_	—	
OTHER				_	_	_	_	_	_	_	
TOTAL				\$—	\$—	\$—	\$—	\$—	\$—	\$—	