

Category Conservation of Natural Resources

SubCategory Stormwater Management

Planning Area

Countywide

Date Last Modified 01/06/18

Administering Agency Environmental Protection
Status Ongoing

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	6,323	1,478	1,246	3,599	670	560	500	612	623	634	-
Construction	5,661	854	1,499	3,308	578	771	-	653	653	653	-
TOTAL EXPENDITURES	11,984	2,332	2,745	6,907	1,248	1,331	500	1,265	1,276	1,287	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Long-Term Financing	6,907	-	-	6,907	1,248	1,331	500	1,265	1,276	1,287	-
State Aid	1,778	528	1,250	-	-	-	-	-	-	-	-
Water Quality Protection Bonds	3,299	1,804	1,495	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	11,984	2,332	2,745	6,907	1,248	1,331	500	1,265	1,276	1,287	-

OPERATING BUDGET IMPACT (\$000s)

Impact Type	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24
Maintenance	9	1	2	-	2	2	2
NET IMPACT	9	1	2	-	2	2	2

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	-	Year First Appropriation	FY13
Appropriation FY 20 Request	960	Last FY's Cost Estimate	15,674
Cumulative Appropriation	8,286		
Expenditure / Encumbrances	5,823		
Unencumbered Balance	2,463		

Project Description

This project provides for the design and construction of Environmental Site Design (ESD)/Low Impact Development (LID) stormwater management devices at Montgomery County Public Schools (MCPS) such as buildings, parking lots, and other impervious surfaces constructed prior to modern stormwater management controls. LID/ESD stormwater devices that may be implemented under this project include: green roofs, bioretention areas, tree box inlets, porous concrete, and other types of devices

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that promote water filtering and groundwater recharge.

Cost Change

Project decrease is due to a shift to a more realistic implementation rate.

Project Justification

This project supports the requirements of the County's Municipal Separate Storm Sewer System (MS4) permit and addresses the goals of the Chesapeake Bay Watershed Agreement and the County's adopted water quality goals (Chapter 19, Article IV). The County's MS4 permit requires that the County provide stormwater controls for 20 percent of impervious surfaces not currently treated to the maximum extent practicable, with an emphasis, where possible, on the use of LID/ESD devices. This project will be responsible for controlling stormwater on Montgomery County Public School (MCPS) properties largely through the use of LID/ESD practices needed to satisfy the permit requirements.

Other

A portion of these potential LID/ESD stormwater retrofits located at County schools were previously programmed under the FY11-16 Approved SM Retrofit - Government Facilities project (No. 800900). This stand-alone project includes LID/ESD projects located on MCPS property and allows for a more efficient implementation of projects in partnership with MCPS.

Fiscal Note

This project assumes the award of Maryland Water Quality Revolving Loan Funds (Long-Term Financing) over the six-year period, which would replace Water Quality Protection Bonds as the primary source of funding for the program. In FY17, due to a grant modification, funding from State Aid replaced some funding previously allocated to Water Quality Protection Bonds. Expenditures in the outyears include expected costs to meet the requirements of the County's next MS4 permit. The scope of the next MS4 permit is subject to negotiation with the Maryland Department of the Environment.

Disclosures

Expenditures will continue indefinitely. The County Executive asserts that this project conforms to the requirement of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Maryland-National Capital Park and Planning Commission, Montgomery County Public Schools, Department of Permitting Services, Maryland Department of the Environment.

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