

Category Conservation of Natural Resources Date Last Modified

SubCategory Stormwater Management Administering Agency Environmental Protection

Planning Area Countywide Status Ongoing

EXPENDITURE SCHEDULE (\$000s)

12/21/17

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	12,270	8,292	1,012	2,966	407	435	465	538	553	568	-
Site Improvements and Utilities	3	3	-	-	-	-	-	-	-	-	-
Construction	9,842	4,110	2,138	3,594	924	-	-	890	890	890	-
Other	19	19	-	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	22,134	12,424	3,150	6,560	1,331	435	465	1,428	1,443	1,458	-

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
Current Revenue: Water Quality Protection	1,182	1,182	-	-	-	-	-	-	-	-	-
Long-Term Financing	6,560	-	-	6,560	1,331	435	465	1,428	1,443	1,458	-
State Aid	1,358	1,358	-	-	-	-	-	-	-	-	-
Water Quality Protection Bonds	13,034	9,884	3,150	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	22,134	12,424	3,150	6,560	1,331	435	465	1,428	1,443	1,458	-

OPERATING BUDGET IMPACT (\$000s)

Impact Type	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24
Maintenance	134	56	-	-	26	26	26
NET IMPACT	134	56	-	-	26	26	26

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	(1,000)	Year First Appropriation	FY09
Appropriation FY 20 Request	-	Last FY's Cost Estimate	24,898
Cumulative Appropriation	19,705		
Expenditure / Encumbrances	13,610		
Unencumbered Balance	6,095		

Project Description

This project provides for the design and construction of Environmental Site Design (ESD)/Low Impact Development (LID) stormwater management devices at County facilities such as buildings, parking garages, and parking lots constructed prior to modern stormwater management controls. ESD/LID stormwater devices include: Green Roofs, bioretention areas, tree box inlets, porous concrete, and other types of devices that promote water filtering and groundwater recharge. Implementing new stormwater devices in developed areas built with inadequate or no stormwater control is required in the County's Municipal Separate Storm Sewer System (MS4) Permit as detailed in the Montgomery County Coordinated Implementation Strategy (CCIS). The Department of Environmental Protection (DEP) in coordination with the Department of General Services (DGS) has identified candidate CIP projects that will be implemented jointly.

Cost Change

Decrease due to a shift to a more realistic implementation rate for this ongoing level-of-effort project.

Project Justification

This project supports the requirements of the County's current 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.

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. 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 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

Department of General Services, Maryland-National Capital Park and Planning Commission, Department of Permitting Services, Maryland Department of the Environment, Maryland Department of Natural Resources.