



# SM Retrofit - Schools

(P801301)

Category	Conservation of Natural Resources	Date Last Modified	03/10/18
SubCategory	Stormwater Management	Administering Agency	Environmental Protection
Planning Area	Countywide	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	1,958	1,478	300	180	180	-	-	-	-	-	-
Construction	3,424	854	1,750	820	820	-	-	-	-	-	-
TOTAL EXPENDITURES	5,382	2,332	2,050	1,000	1,000	-	-	-	-	-	-

## 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
State Aid	1,878	528	1,350	-	-	-	-	-	-	-	-
Water Quality Protection Bonds	3,504	1,804	700	1,000	1,000	-	-	-	-	-	-
TOTAL FUNDING SOURCES	5,382	2,332	2,050	1,000	1,000	-	-	-	-	-	-

## OPERATING BUDGET IMPACT (\$000s)

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

## APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	(1,283)	Year First Appropriation	FY13
Appropriation FY 20 Request	(1,621)	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 that promote water filtering and groundwater recharge. Any future School stormwater management work will be accomplished under Project 801901-

## COST CHANGE

Decrease is due to updated progress towards meeting MS4 permit and a shift to a Public/Private Partnership.

## 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.

## DISCLOSURES

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.