

# SM Retrofit - Government Facilities -- No. 800900

Category  
Subcategory  
Administering Agency  
Planning Area

Conservation of Natural Resources  
Stormwater Management  
Environmental Protection  
Countywide

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

January 08, 2010  
No  
None.  
On-going

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	11,369	203	276	10,890	1,390	1,900	1,900	1,900	1,900	1,900	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	17,788	0	703	17,085	2,085	3,000	3,000	3,000	3,000	3,000	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>29,157</b>	<b>203</b>	<b>979</b>	<b>27,975</b>	<b>3,475</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>*</b>

### FUNDING SCHEDULE (\$000)

Water Quality Protection Bonds	27,975	0	0	27,975	3,475	4,900	4,900	4,900	4,900	4,900	0
Water Quality Protection Charge	1,182	203	979	0	0	0	0	0	0	0	0
<b>Total</b>	<b>29,157</b>	<b>203</b>	<b>979</b>	<b>27,975</b>	<b>3,475</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>4,900</b>	<b>0</b>

### OPERATING BUDGET IMPACT (\$000)

Maintenance				1,884	69	167	265	363	461	559
<b>Net Impact</b>				<b>1,884</b>	<b>69</b>	<b>167</b>	<b>265</b>	<b>363</b>	<b>461</b>	<b>559</b>

#### DESCRIPTION

This project provides for the design and construction of Low Impact Design (LID) stormwater management devices at County facilities such as buildings, parking garages, schools, and roads that were constructed without stormwater management controls. LID stormwater devices include "Green Roofs," bioretention areas, rain gardens, tree box inlets, and other types of devices that promote water filtering and groundwater discharge. Adding new stormwater controls in developed areas which lack such controls is required in the County's National Pollutant Discharge Elimination System (NPDES) Municipal Stormwater Discharge Permit.

#### COST CHANGE

Cost increase due to increased project scope to meet the requirements of the new NPDES Municipal Separate Storm Sewer System (MS-4) permit and the addition of FY15 and FY16 to this ongoing project. To help comply with the new MS-4 requirement to control stormwater on 20% of impervious surfaces not currently treated, additional subprojects have been programmed from the Department's inventory of potential stormwater retrofit projects for government facilities. These include, in addition to the projects listed below under "Other," the Wheaton Police Station, Bushy Drive Recreation Center, Colesville Park and Ride, Board of Elections, Silver Spring Regional Center, Western County Outdoor Pool, Germantown MARC Rail Park and Ride, Kingsview Park and Ride, Germantown Recreation Center, Fire Station 25 in Aspen Hill, Greencastle Park and Ride, Wheaton Woods public right of way, Grenoble Drive, Laytonsville Elementary School, Steven Knolls School, and other projects still to be determined..

#### JUSTIFICATION

This project will improve water quality and enhance local streams. The project supports the goals of the Chesapeake Bay tributary strategy initiatives, addresses the National Pollutant Discharge Elimination System (NPDES) discharge permit requirements, and implements the County's adopted water quality goals (Chapter 19, Article IV). The County's new NPDES Municipal Separate Storm Sewer System (MS-4) permit requires that the County provide stormwater controls for 20% (about 5,200 acres) of impervious surfaces not currently treated "to the maximum extent practicable," with an emphasis, where possible, on the use of low impact design (LID) devices. This project will be responsible for controlling stormwater, largely through the use of LID, on a significant portion of the impervious area needed to satisfy the permit requirement. An inventory of potential projects was developed for 55 County government facilities. An inventory of Montgomery County Public Schools (MCPS) school sites is being developed under the Facility Planning: SM project (PDF No. 809319) starting in FY10.

#### OTHER

FY11 projects include Aspen Hill and Kensington Park libraries, Longwood Community Center, Little Falls Library, Arcola Avenue/Amherst Avenue, Breewood Manor neighborhood roads, Lockwood Drive, Donnybrook Drive, Ridgeview Middle School, and Cold Spring Elementary School. FY12 projects will be selected from Department of Environmental Protection project inventories.

#### FISCAL NOTE

Programmed Water Quality Protection Charge revenue replaced with Water Quality Protection bonds.

#### OTHER DISCLOSURES

- \* Expenditures will continue indefinitely.

#### APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY09	(\$000)
First Cost Estimate	FY11	29,157
Current Scope		
Last FY's Cost Estimate		3,546
Appropriation Request	FY11	3,475
Appropriation Request Est.	FY12	4,900
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,182
Expenditures / Encumbrances		687
Unencumbered Balance		495
Partial Closeout Thru	FY08	0
New Partial Closeout	FY09	0
Total Partial Closeout		0

#### COORDINATION

Department of General Services  
Department of Transportation  
Montgomery County Public Schools  
Maryland-National Capital Park and Planning Commission  
Department of Permitting Services

#### MAP

