



# Facility Planning: Stormwater Management

(P809319)

Category	Conservation of Natural Resources	Date Last Modified	01/08/20
SubCategory	Stormwater Management	Administering Agency	Environmental Protection
Planning Area	Countywide	Status	Ongoing

## EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY19	Est FY20	Total 6 Years	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Beyond 6 Years
Planning, Design and Supervision	19,729	13,259	960	5,510	710	920	940	960	980	1,000	-
Other	295	295	-	-	-	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>20,024</b>	<b>13,554</b>	<b>960</b>	<b>5,510</b>	<b>710</b>	<b>920</b>	<b>940</b>	<b>960</b>	<b>980</b>	<b>1,000</b>	<b>-</b>

## FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY19	Est FY20	Total 6 Years	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Beyond 6 Years
Current Revenue: General	5,000	5,000	-	-	-	-	-	-	-	-	-
Current Revenue: Water Quality Protection	14,087	7,617	960	5,510	710	920	940	960	980	1,000	-
State Aid	140	140	-	-	-	-	-	-	-	-	-
Stormwater Management Waiver Fees	797	797	-	-	-	-	-	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>20,024</b>	<b>13,554</b>	<b>960</b>	<b>5,510</b>	<b>710</b>	<b>920</b>	<b>940</b>	<b>960</b>	<b>980</b>	<b>1,000</b>	<b>-</b>

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

Appropriation FY 21 Request	560	Year First Appropriation	FY93
Appropriation FY 22 Request	940	Last FY's Cost Estimate	17,441
Cumulative Appropriation	14,687		
Expenditure / Encumbrances	13,741		
Unencumbered Balance	946		

## PROJECT DESCRIPTION

This project provides for facility planning and feasibility studies to evaluate watershed conservation needs and to identify remedial projects for stormwater management, stormwater retrofit, Environmental Site Design (ESD)/Low Impact Development (LID), and stream restoration projects. Projects in facility planning may include the preparation of watershed plans assessing stream restoration, stormwater management retrofit projects, and ESD/LID projects to help mitigate degraded stream conditions in rural and developed watersheds. Water quality monitoring and analysis is required to quantify impacts of watershed development and projects implemented in Stormwater Management Retrofit Countywide project (No. 808726). The projects generated in facility planning support the requirements in the County's Municipal Separate Storm Sewer System (MS4) Permit. Facility planning represents planning and preliminary design and develops a program of requirements in advance of full programming of a project. This project also

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provides for operation of automated fixed monitoring stations as required by the MS4 Permit.

## COST CHANGE

Project increase due to addition of FY25 and FY26 to this on-going level of effort project, and estimated costs for watershed updates beginning in FY22.

## PROJECT JUSTIFICATION

The facility planning products support the requirements outlined in the County's MS4 Permit. This project establishes the facilities planning data and alternatives analysis needed to identify and set priorities for individual capital projects. Facility planning costs for projects which are ultimately included in stand-alone Project Description Forms (PDFs) are reflected here and not in the resulting individual project. Future individual CIP projects which result from facility planning will reflect reduced planning and design costs.

## FISCAL NOTE

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

Maryland-National Capital Park and Planning Commission, U. S. Army Corps of Engineers, Washington Suburban Sanitary Commission, Department of Transportation, Montgomery County Public Schools, Stormwater Management Retrofit Government Facilities (No. 800900), Stormwater Management Retrofit Roads (No. 801300), Stormwater Management Retrofit Schools (No. 801301), Stormwater Management Retrofit Countywide (No. 808726), Misc. Stream Valley Improvements (No. 807359).