



Facility Planning: Stormwater Management

(P809319)

Category	Conservation of Natural Resources	Date Last Modified	01/07/22
SubCategory	Stormwater Management	Administering Agency	Environmental Protection
Planning Area	Countywide	Status	Ongoing

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY21	Est FY22	Total 6 Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Years
Planning, Design and Supervision	21,895	14,507	981	6,407	1,018	1,037	1,057	1,077	1,098	1,120	-
Other	448	448	-	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	22,343	14,955	981	6,407	1,018	1,037	1,057	1,077	1,098	1,120	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY21	Est FY22	Total 6 Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Years
Current Revenue: General	5,000	5,000	-	-	-	-	-	-	-	-	-
Current Revenue: Water Quality Protection	14,413	9,018	638	4,757	743	762	782	802	823	845	-
Intergovernmental	68	-	68	-	-	-	-	-	-	-	-
State Aid	140	140	-	-	-	-	-	-	-	-	-
Stormwater Management Waiver Fees	2,222	797	225	1,200	200	200	200	200	200	200	-
Water Quality Protection Bonds	500	-	50	450	75	75	75	75	75	75	-
TOTAL FUNDING SOURCES	22,343	14,955	981	6,407	1,018	1,037	1,057	1,077	1,098	1,120	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 23 Request	699	Year First Appropriation	FY93
Appropriation FY 24 Request	1,037	Last FY's Cost Estimate	20,092
Cumulative Appropriation	16,255		
Expenditure / Encumbrances	14,975		
Unencumbered Balance	1,280		

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

COST CHANGE

Costs increase due to enhanced requirements of the MS4 permit, and as FY27 and FY28 enter the six-year period.

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

Funding sources updated in FY23 to include Water Quality Protection Charge-backed revenue bonds. FY21 supplemental in Intergovernmental for the amount of \$67,509. 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 Countywide (No. 808726), Misc. Stream Valley Improvements.