



Facility Planning: Stormwater Management

(P809319)

Category	Conservation of Natural Resources	Date Last Modified	03/14/23
SubCategory	Stormwater Management	Administering Agency	Environmental Protection
Planning Area	Countywide	Status	Ongoing

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY22	Rem FY22	Total 6 Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Years
Planning, Design and Supervision	25,765	15,064	404	10,297	1,018	1,815	1,835	1,855	1,876	1,898	-
Construction	20	20	-	-	-	-	-	-	-	-	-
Other	448	448	-	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	26,233	15,532	404	10,297	1,018	1,815	1,835	1,855	1,876	1,898	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY22	Rem 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	18,803	9,395	311	9,097	818	1,615	1,635	1,655	1,676	1,698	-
Intergovernmental	68	-	68	-	-	-	-	-	-	-	-
State Aid	140	140	-	-	-	-	-	-	-	-	-
Stormwater Management Waiver Fees	2,222	997	25	1,200	200	200	200	200	200	200	-
TOTAL FUNDING SOURCES	26,233	15,532	404	10,297	1,018	1,815	1,835	1,855	1,876	1,898	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 24 Approp. Request	1,815	Year First Appropriation	FY93
Cumulative Appropriation	16,954	Last FY's Cost Estimate	22,343
Expenditure / Encumbrances	15,868		
Unencumbered Balance	1,086		

PROJECT DESCRIPTION

This project provides for facility planning, Municipal Separate Storm Sewer System (MS4) Permit program implementation and water quality monitoring, watershed assessments, and Total Maximum Daily Load (TMDL) Implementation Planning to evaluate watershed conditions, stream health, water quality, and pollution sources to assist with the planning and programming of restoration projects for stormwater management, stormwater retrofit, Environmental Site Design (ESD)/Low Impact Development (LID), stream restoration projects, tree planting and reforestation, and other alternative best management practices. This project supports the regulatory requirements in the MS4 permit for water quality improvements through management programs, stormwater restoration, TMDL implementation planning, and assessment of controls. Watershed assessment plans are developed to comprehensively understand the

changes that have taken place in the County's watersheds, to evaluate the current understanding of watershed conditions, and are used to support the planning to identify potential restoration opportunities for in the County's current and future MS4 Permit. The project also provides for development of the annual Comprehensive TMDL Implementation Plan required by the MS4 permit. The plan lays out the County's progress toward reducing pollutants through past, current, and future planned restoration projects and is used to support the planning to identify potential pollutant reductions from potential restoration opportunities. Restoration projects are implemented in the Stormwater Management Retrofit Countywide project (No. 808726). Facility planning represents planning, monitoring, and programming to support concept and project opportunities in advance of full programming of a restoration project for stormwater management, stormwater retrofit, ESD/LID, stream restoration projects.

COST CHANGE

In FY24, there was a shift of \$778,000 from the operating budget to Current Revenue: WQP in this PDF to consolidate stream monitoring and gauge costs in the capital budget while also relieving debt service coverage ratio pressure in the operating budget.

PROJECT JUSTIFICATION

The facility planning products support the requirements outlined in the County's MS4 Permit. This project establishes the facilities planning data and opportunities 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

In FY23, \$200,000 in Stormwater Management Waiver Fees was transferred to Stormwater Management: Countywide (P808726). 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 current MS4 permit, effective November 5, 2021 to November 4, 2026.

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).