



Facility Planning: Stormwater Management

(P809319)

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|---------------|-----------------------------------|----------------------|--------------------------|
| Category | Conservation of Natural Resources | Date Last Modified | 12/30/20 |
| SubCategory | Stormwater Management | Administering Agency | Environmental Protection |
| Planning Area | Countywide | Status | Ongoing |

EXPENDITURE SCHEDULE (\$000s)

| Cost Elements | Total | Thru FY20 | Rem FY20 | Total 6 Years | FY 21 | FY 22 | FY 23 | FY 24 | FY 25 | FY 26 | Beyond 6 Years |
|----------------------------------|---------------|---------------|------------|---------------|------------|------------|------------|------------|------------|--------------|----------------|
| Planning, Design and Supervision | 19,595 | 13,927 | 90 | 5,578 | 778 | 920 | 940 | 960 | 980 | 1,000 | - |
| Other | 497 | 396 | 101 | - | - | - | - | - | - | - | - |
| TOTAL EXPENDITURES | 20,092 | 14,323 | 191 | 5,578 | 778 | 920 | 940 | 960 | 980 | 1,000 | - |

FUNDING SCHEDULE (\$000s)

| Funding Source | Total | Thru FY20 | Rem 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 | 13,087 | 8,386 | 191 | 4,510 | 710 | 720 | 740 | 760 | 780 | 800 | - |
| Intergovernmental | 68 | - | - | 68 | 68 | - | - | - | - | - | - |
| State Aid | 140 | 140 | - | - | - | - | - | - | - | - | - |
| Stormwater Management Waiver Fees | 1,797 | 797 | - | 1,000 | - | 200 | 200 | 200 | 200 | 200 | - |
| TOTAL FUNDING SOURCES | 20,092 | 14,323 | 191 | 5,578 | 778 | 920 | 940 | 960 | 980 | 1,000 | - |

APPROPRIATION AND EXPENDITURE DATA (\$000s)

| | | | |
|-----------------------------|--------|--------------------------|--------|
| Appropriation FY 22 Request | 940 | Year First Appropriation | FY93 |
| Cumulative Appropriation | 15,315 | Last FY's Cost Estimate | 20,024 |
| Expenditure / Encumbrances | 14,400 | | |
| Unencumbered Balance | 915 | | |

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

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

COST CHANGE

A FY21 supplemental added \$67,509 in Intergovernmental funds.

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

FY21 supplemental in Intergovernmental for the amount of \$67,509. \$200,000 in Stormwater Management Waiver Fees were added annually in FY22-26 with offsetting reductions in Current Revenue: Water Quality Protection Charge funding. 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).