



SM Retrofit: Countywide

(P808726)

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|---------------|-----------------------------------|----------------------|--------------------------|
| Category | Conservation of Natural Resources | Date Last Modified | 02/28/19 |
| SubCategory | Stormwater Management | Administering Agency | Environmental Protection |
| Planning Area | Countywide | Status | Ongoing |

EXPENDITURE SCHEDULE (\$000s)

| Cost Elements | Total | Thru FY18 | Rem FY18 | Total 6 Years | FY 19 | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | Beyond 6 Years |
|----------------------------------|---------------|---------------|--------------|---------------|---------------|--------------|-------|-------|-------|-------|----------------|
| Planning, Design and Supervision | 21,749 | 18,627 | 852 | 2,270 | 1,910 | 360 | - | - | - | - | - |
| Site Improvements and Utilities | 4 | 4 | - | - | - | - | - | - | - | - | - |
| Construction | 36,730 | 17,767 | 2,193 | 16,770 | 15,180 | 1,590 | - | - | - | - | - |
| Other | 1,322 | 1,322 | - | - | - | - | - | - | - | - | - |
| TOTAL EXPENDITURES | 59,805 | 37,720 | 3,045 | 19,040 | 17,090 | 1,950 | - | - | - | - | - |

FUNDING SCHEDULE (\$000s)

| Funding Source | Total | Thru FY18 | Rem FY18 | Total 6 Years | FY 19 | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 | Beyond 6 Years |
|---|---------------|---------------|--------------|---------------|---------------|--------------|-------|-------|-------|-------|----------------|
| Contributions | 60 | - | - | 60 | 60 | - | - | - | - | - | - |
| Current Revenue: Water Quality Protection | 13,247 | 8,011 | - | 5,236 | 3,826 | 1,410 | - | - | - | - | - |
| Intergovernmental | 1,000 | 844 | 156 | - | - | - | - | - | - | - | - |
| Long-Term Financing | 11,024 | - | - | 11,024 | 11,024 | - | - | - | - | - | - |
| State Aid | 5,210 | 1,683 | 2,527 | 1,000 | 500 | 500 | - | - | - | - | - |
| Water Quality Protection Bonds | 29,264 | 27,182 | 362 | 1,720 | 1,680 | 40 | - | - | - | - | - |
| TOTAL FUNDING SOURCES | 59,805 | 37,720 | 3,045 | 19,040 | 17,090 | 1,950 | - | - | - | - | - |

OPERATING BUDGET IMPACT (\$000s)

| Impact Type | Total 6 Years | FY 19 | FY 20 | FY 21 | FY 22 | FY 23 | FY 24 |
|-------------------|---------------|-----------|----------|-------|-------|-------|-------|
| Maintenance | 25 | 20 | 5 | - | - | - | - |
| NET IMPACT | 25 | 20 | 5 | - | - | - | - |

APPROPRIATION AND EXPENDITURE DATA (\$000s)

| | | | |
|-----------------------------|--------|--------------------------|--------|
| Appropriation FY 20 Request | - | Year First Appropriation | FY87 |
| Cumulative Appropriation | 68,900 | Last FY's Cost Estimate | 78,795 |
| Expenditure / Encumbrances | 61,345 | | |
| Unencumbered Balance | 7,555 | | |

PROJECT DESCRIPTION

This project provides for the design and construction of new and/or upgrades of existing underperforming stormwater management facilities and devices under the County's Municipal Separate Storm Sewer System (MS4) Permit as detailed in the draft Montgomery County Coordinated Implementation Strategy (CCIS). Compliance with the MS4 permit requires controlling 20 percent of impervious surfaces, or approximately 3,778 impervious acres, not currently treated to the maximum extent practicable. Inventories of candidate projects have been conducted under the Facility Planning: SM project (PDF No. 809319) for the County's ten watersheds (Paint Branch, Rock Creek, Cabin John Creek, Hawlings River, Watts Branch, Great Seneca, Muddy Branch, Sligo Creek, Little Paint Branch, and Northwest Branch). Some of the most complex projects constructed under this project are assessed and the preliminary plans are completed in the Facility Planning: SM project (No. 809319). Where feasible, the projects integrate wetland and habitat features consistent with the goals of the Chesapeake Bay Agreement. In small drainage areas, retrofit projects may also include biofiltration, bioretention, or stormwater filtering devices.

COST CHANGE

Project decrease in FY20 is due to updated progress towards meeting MS4 permit requirements, a FY19 transfer of \$7,387,000 in Long-Term Financing to the SM Design/Build/Maintain Contract project (No. 801901, Resolution 18-1185), and a FY19 supplemental for \$60,000 in Contributions.

PROJECT JUSTIFICATION

This project is needed to comply with the County's MS4 permitting requirements and to implement the County's adopted water quality goals (Chapter 19, Article IV) and protect habitat conditions in local streams. In addition, the project supports the goals of the Anacostia Watershed Restoration Agreement.

FISCAL NOTE

This project assumes the award of Maryland Water Quality Revolving Loan Funds (Long-Term Financing) over the six-year period, which would replace Water Quality Protection Bonds as the primary source of funding for the program. While the State of Maryland has indicated a desire to provide funding, all indicated State Aid is preliminary and not appropriated. In FY17 and FY18, funding from the Current Revenue: Water Quality Protection replaced some funding previously allocated to Water Quality Protection Bonds and State Aid. Expenditures in the outyears include expected costs to meet the requirements of the County's next MS4 permit. The scope of the next permit is subject to negotiation with the Maryland Department of Environment. WSSC and DEP have agreed to an MOU related to Stormwater Management Projects in FY18. WSSC will transfer \$1 million to the County to allow DEP to undertake SWM projects on WSSC's behalf. FY19 supplemental for \$60,000 in Contributions. Project decrease in FY20 is due to updated progress towards meeting MS4 permit requirements and a FY19 transfer of \$7,387,000 in Long-Term Financing to the SM Design/Build /Maintain Contract project (No. 801901, Resolution 18-1185). Acceleration of \$40,000 in Current Revenue: Water Quality Protection from FY20 into FY18 and a funding schedule switch with Water Quality Protection Bonds to fill the gap.

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

Department of Transportation, Maryland National Capital Park and Planning Commission, Department of Permitting Services, Maryland Department of the Environment, Natural Resources Conservation Service, U.S. Army Corps of Engineers, Facility Planning: SM (No. 809319), Maryland Department of Natural Resources.