

# **Facility Planning: SM -- No. 809319**

Category  
Subcategory  
Administering Agency  
Planning Area

**Conservation of Natural Resources**  
**Stormwater Management**  
**Environmental Protection**  
**Countywide**

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

**January 10, 2012**  
**No**  
**None.**  
**On-going**

## **EXPENDITURE SCHEDULE (\$000)**

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	15,270	6,688	1,832	6,750	1,150	1,150	1,150	1,100	1,100	1,100	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	42	42	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>15,312</b>	<b>6,730</b>	<b>1,832</b>	<b>6,750</b>	<b>1,150</b>	<b>1,150</b>	<b>1,150</b>	<b>1,100</b>	<b>1,100</b>	<b>1,100</b>	<b>*</b>

## **FUNDING SCHEDULE (\$000)**

Current Revenue: General	5,000	5,000	0	0	0	0	0	0	0	0	0
State Aid	140	140	0	0	0	0	0	0	0	0	0
Stormwater Management Waiver Fees	797	797	0	0	0	0	0	0	0	0	0
Water Quality Protection Charge	9,375	793	1,832	6,750	1,150	1,150	1,150	1,100	1,100	1,100	0
<b>Total</b>	<b>15,312</b>	<b>6,730</b>	<b>1,832</b>	<b>6,750</b>	<b>1,150</b>	<b>1,150</b>	<b>1,150</b>	<b>1,100</b>	<b>1,100</b>	<b>1,100</b>	<b>0</b>

### **DESCRIPTION**

This project provides for facility planning and feasibility studies to evaluate watershed conservation needs and to identify remedial project alternatives 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 LID and ESD 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 Retrofit SM Government Facilities (No. 800900), SM Retrofit Roads (No. 801300), SM Retrofit Schools (No. 801301), SM Retrofit Countywide (No. 808726), and Misc Stream Valley Improvements (No. 807359). The products 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. Projects planned include: LID Facilities Phase II for Schools, Patuxent River, Dry Seneca and Little Seneca, Upper Potomac and Little Monocacy, and feasibility studies planned with the United States Army Corps of Engineers. This project also provides for operation of a automated fixed monitoring stations as required by the MS4 Permit.

### **COST CHANGE**

Project cost increase is due to scope increases related to complying with requirements of the County's MS4 permit.

### **JUSTIFICATION**

The Facility Planning products support the requirements outlined in the MS4 Permit as detailed in the Montgomery County Coordinated Implementation Strategy (CCIS). 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 each reflect reduced planning and design costs.

### **OTHER DISCLOSURES**

- The Executive asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.
- \* Expenditures will continue indefinitely.

### **APPROPRIATION AND EXPENDITURE DATA**

Date First Appropriation	FY93	(\$000)
First Cost Estimate	FY13	15,312
Current Scope		
Last FY's Cost Estimate		13,462
Appropriation Request	FY13	1,150
Appropriation Request Est.	FY14	1,150
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		8,562
Expenditures / Encumbrances		7,057
Unencumbered Balance		1,505
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	0
Total Partial Closeout		0

### **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  
SM Retrofit Government Facilities (PDF No. 800900)  
SM Retrofit Government Facilities (PDF No. 800900)  
SM Retrofit Roads (PDF No. 801300)  
SM Retrofit Schools (PDF No. 801301)  
SM Retrofit Countywide (PDF No. 808726)  
Misc. Stream Valley Improvements (PDF No. 807359)

### **MAP**

