

Stream Protection: SVP -- No. 818571

Category	M-NCPPC	Date Last Modified	October 31, 2007
Subcategory	Development	Required Adequate Public Facility	No
Administering Agency	M-NCPPC	Relocation Impact	None
Planning Area	Countywide	Status	On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	871	0	121	750	125	125	125	125	125	125	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,111	0	663	2,448	408	408	408	408	408	408	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	3,982	0	784	3,198	533	533	533	533	533	533	*

FUNDING SCHEDULE (\$000)

State DNR (P&P only)	99	0	99	0	0	0	0	0	0	0	0
G.O. Bonds	3,883	0	685	3,198	533	533	533	533	533	533	0
Total	3,982	0	784	3,198	533	533	533	533	533	533	0

OPERATING BUDGET IMPACT (\$000)

Program-Staff					0	0	1	1	1	1
Net Impact					0	0	1	1	1	1

DESCRIPTION

As a result of development in urban and suburban watersheds, stream channels are subject to increased storm water flows that result in severely eroded stream banks. This project makes corrective improvements to damaged stream channels and tributaries in stream valley parks and constructs new stormwater management (SWM) facilities. Stream erosion problems include stream sedimentation, destruction of aquatic habitat, undercutting of stream banks and subsequent loss of trees, bike paths, bridges, and other improvements. Rip-rap (large boulders placed along the stream banks) is used in association with reforestation and other stream protection techniques (brush bundles, wing deflectors, root wads, etc.) to prevent continued erosion. Stream protection projects must be examined from a watershed perspective to identify/control the source of problems. If possible new SWM facilities will be built prior to protecting stream banks; water flows will be controlled and stream banks will return to equilibrium. Projects require engineering and permitting by Maryland Department of the Environment, the U.S. Army Corps of Engineers, and Montgomery County's Department of Permitting Services. This Project also includes reforestation in stream valley parks.

Scheduled in FY09-14 are projects at the following sites: NW Branch Golf Course, Maydale Nature Center, Bel Pre Creek, Little Bennett Regional Park, and Woodstock Horse Farm Park.

COST CHANGE

Increase due to addition of FY13 and FY14 to this ongoing project.

JUSTIFICATION

The project meets Montgomery County's water quality goals, Chapter 19, Article IV of the Montgomery County Code: to protect, maintain, and restore high quality chemical, physical, and biological conditions in the waters of the State in the County. This project is also supported by the Countywide Stream Protection Strategy developed by Montgomery County's Department of Environmental Protection (DEP). Many County streams flow through lands managed/owned by M-NCPPC. M-NCPPC performs a stewardship role in protection of these streams and protecting improvements, which are threatened by stream erosion.

Comprehensive Watershed Inventories conducted by Montgomery County Department of Environmental Protection with assistance from M-NCPPC.

OTHER DISCLOSURES

- * Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP																																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date First Appropriation</td> <td style="text-align: right;">FY81</td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td style="text-align: right;">FY98</td> <td style="text-align: right;">5,971</td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td style="text-align: right;">3,746</td> </tr> <tr> <td>Appropriation Request</td> <td style="text-align: right;">FY09</td> <td style="text-align: right;">533</td> </tr> <tr> <td>Appropriation Request Est.</td> <td style="text-align: right;">FY10</td> <td style="text-align: right;">533</td> </tr> <tr> <td>Supplemental Appropriation Request</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>Transfer</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>Cumulative Appropriation</td> <td></td> <td style="text-align: right;">784</td> </tr> <tr> <td>Expenditures / Encumbrances</td> <td></td> <td style="text-align: right;">129</td> </tr> <tr> <td>Unencumbered Balance</td> <td></td> <td style="text-align: right;">655</td> </tr> <tr> <td>Partial Closeout Thru</td> <td style="text-align: right;">FY06</td> <td style="text-align: right;">5,971</td> </tr> <tr> <td>New Partial Closeout</td> <td style="text-align: right;">FY07</td> <td style="text-align: right;">830</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td style="text-align: right;">6,801</td> </tr> </table>	Date First Appropriation	FY81	(\$000)	First Cost Estimate	FY98	5,971	Last FY's Cost Estimate		3,746	Appropriation Request	FY09	533	Appropriation Request Est.	FY10	533	Supplemental Appropriation Request		0	Transfer		0	Cumulative Appropriation		784	Expenditures / Encumbrances		129	Unencumbered Balance		655	Partial Closeout Thru	FY06	5,971	New Partial Closeout	FY07	830	Total Partial Closeout		6,801	<p>The Commission coordinates stream monitoring, stream protection and SWM projects with the Montgomery County Department of Environmental Protection. National Capital Planning Commission for Capper-Cramton Funded Parks. State and County Department of Transportation, as required. State Dept. of Natural Resources Montgomery County Department of Environmental Protection, PDF 733759. Utility rights-of-way coordinated with WSSC and other utility companies where applicable. U.S. Army Corps of Engineers Metropolitan Washington Council of Governments</p>	
Date First Appropriation	FY81	(\$000)																																							
First Cost Estimate	FY98	5,971																																							
Last FY's Cost Estimate		3,746																																							
Appropriation Request	FY09	533																																							
Appropriation Request Est.	FY10	533																																							
Supplemental Appropriation Request		0																																							
Transfer		0																																							
Cumulative Appropriation		784																																							
Expenditures / Encumbrances		129																																							
Unencumbered Balance		655																																							
Partial Closeout Thru	FY06	5,971																																							
New Partial Closeout	FY07	830																																							
Total Partial Closeout		6,801																																							