

Lake Needwood Modifications (P098708)

Category M-NCPPC
 Sub Category Development
 Administering Agency M-NCPPC (AAGE13)
 Planning Area Upper Rock Creek

Date Last Modified 11/5/12
 Required Adequate Public Facility No
 Relocation Impact None
 Status Under Construction

Total	Thru FY12	Rem FY12	Total 6 Years	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	Beyond 6 Yrs
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EXPENDITURE SCHEDULE (\$000s)

Planning, Design and Supervision	222	150	72	0	0	0	0	0	0	0
Land	450	450	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,098	2,502	596	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Total	3,770	3,102	668	0						

FUNDING SCHEDULE (\$000s)

G.O. Bonds	3,770	3,102	668	0	0	0	0	0	0	0
Total	3,770	3,102	668	0						

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 14	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		4,164
Expenditure / Encumbrances		3,352
Unencumbered Balance		812

Date First Appropriation	FY 11
First Cost Estimate	
Current Scope	FY09 4,050
Last FY's Cost Estimate	3,851

Description

Lake Needwood is a valued hydrological resource and recreational amenity located within Rock Creek Regional Park, 15700 Needwood Road, Rockville. Preservation of this resource is dependent on dredging the lake to remove existing sediment and addressing further siltation. This project will remove approximately 150,000 cubic yards of sediment from the forebay and upper reaches of the main lake, install structural improvements within the forebay to facilitate sediment collection, establish new shoreline protection along the upper lake, and deposit the sediment off-site. In addition to restoring the lake for recreational use, a major objective for the dredging project is to assess the present and future function and management of the lake for flood control, stormwater management, sediment and erosion control, and downstream water quality.

Estimated Schedule

Pending closeout. Substantial completion in FY12.

Justification

Sediment Study in 2000, conducted by the Park Development Division, determined the extent of siltation and costs for removal. This project was part of a 2005 functional plan for the lake's use as a recreational amenity, as well as lake shore facilities. This project does not require a formal facility plan.

Other

In FY11 the Commission purchased 17 acres from the State of Maryland for depositing dredge material taken from Lake Needwood, which will be reforested or maintained as open meadow and incorporated into Rock Creek Regional Park.

Fiscal Note

In FY12, \$81,000 transferred to Woodstock Equestrian Center #018712. In FY11, \$313,000 GO Bonds transferred to S. Germantown Recreational Park: SoccerPlex Fac., #998712.

Coordination

Pollution Prevention and Pond Repairs PDF 078701, Maryland Department of the Environment, Montgomery County Department of Permitting Services, Montgomery County Department of Transportation, Maryland State Highway Administration