

## Lake Needwood Modifications -- No. 098708

Category  
Subcategory  
Administering Agency  
Planning Area

**M-NCPPC**  
**Development**  
**M-NCPPC**  
**Upper Rock Creek**

Date Last Modified  
Required Adequate Public Facility  
Relocation Impact  
Status

**December 22, 2009**  
**No**  
**None**  
**Final Design Stage**

### EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	161	0	0	161	144	17	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	4,003	0	0	4,003	3,695	308	0	0	0	0	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
<b>Total</b>	<b>4,164</b>	<b>0</b>	<b>0</b>	<b>4,164</b>	<b>3,839</b>	<b>325</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	4,164	0	0	4,164	3,839	325	0	0	0	0	0
<b>Total</b>	<b>4,164</b>	<b>0</b>	<b>0</b>	<b>4,164</b>	<b>3,839</b>	<b>325</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### 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 100,000 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

Design is underway with construction expected in FY11 and FY12.

#### COST CHANGE

Increase due to inflation.

#### 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.

APPROPRIATION AND EXPENDITURE DATA			COORDINATION	
Date First Appropriation	FY11	(\$000)	Pollution Prevention and Pond Repairs PDF 078701 Maryland Department of the Environment Montgomery County Department of Permitting Services Montgomery County Department of Transportation	
First Cost Estimate	FY09	4,050		
Current Scope				
Last FY's Cost Estimate		4,050		
Appropriation Request	FY11	4,164		
Appropriation Request Est.	FY12	0		
Supplemental Appropriation Request		0		
Transfer		0		
Cumulative Appropriation		0		
Expenditures / Encumbrances		0		
Unencumbered Balance		0		
Partial Closeout Thru	FY08	0		
New Partial Closeout	FY09	0		
Total Partial Closeout		0		