

## Lake Needwood Modifications -- No. 098708

Category	M-NCPPC	Date Last Modified	June 12, 2008
Subcategory	Development	Required Adequate Public Facility	No
Administering Agency	M-NCPPC	Relocation Impact	None
Planning Area	Upper Rock Creek	Status	Planning Stage

### 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	156	0	0	156	0	0	78	78	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3,894	0	0	3,894	0	0	1,972	1,922	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>4,050</b>	<b>0</b>	<b>0</b>	<b>4,050</b>	<b>0</b>	<b>0</b>	<b>2,050</b>	<b>2,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

### FUNDING SCHEDULE (\$000)

G.O. Bonds	4,050	0	0	4,050	0	0	2,050	2,000	0	0	0
<b>Total</b>	<b>4,050</b>	<b>0</b>	<b>0</b>	<b>4,050</b>	<b>0</b>	<b>0</b>	<b>2,050</b>	<b>2,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### DESCRIPTION

Lake Needwood is a valued hydrological resource and recreational amenity for the County. 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.

**Project Status:** This project is being designed as part of the Pollution Prevention and Pond Repairs level-of-effort project. A public meeting was held on September 25, 2007. Preliminary Engineering is scheduled to be presented to the Board on November 29, 2007.

The detailed design is currently under contract and construction is planned to begin in FY11.

#### 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 lakeshore facilities. This project does not require a formal facility plan.

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: center;">FY</td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td></td> <td style="text-align: right;">4,050</td> </tr> <tr> <td>Current Scope</td> <td style="text-align: center;">FY09</td> <td></td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Appropriation Request</td> <td style="text-align: center;">FY09</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Appropriation Request Est.</td> <td style="text-align: center;">FY10</td> <td style="text-align: right;">0</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 colspan="3"> </td> </tr> <tr> <td>Cumulative Appropriation</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>Expenditures / Encumbrances</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>Unencumbered Balance</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Partial Closeout Thru</td> <td style="text-align: center;">FY06</td> <td style="text-align: right;">0</td> </tr> <tr> <td>New Partial Closeout</td> <td style="text-align: center;">FY07</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td style="text-align: right;">0</td> </tr> </table>	Date First Appropriation	FY	(\$000)	First Cost Estimate		4,050	Current Scope	FY09		Last FY's Cost Estimate		0				Appropriation Request	FY09	0	Appropriation Request Est.	FY10	0	Supplemental Appropriation Request		0	Transfer		0				Cumulative Appropriation		0	Expenditures / Encumbrances		0	Unencumbered Balance		0				Partial Closeout Thru	FY06	0	New Partial Closeout	FY07	0	Total Partial Closeout		0	Pollution Prevention and Pond Repairs PDF 078701.	See Map on Next Page
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