EXECUTIVE RECOMMENDATION



Pollution Prevention and Repairs to Ponds (P078701)

CategoryM-NCPPCDate Last Modified01/02/18SubCategoryDevelopmentAdministering AgencyM-NCPPCPlanning AreaCountywideStatusOngoing

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	2,184	265	487	1,432	208	208	231	231	277	277	-
Site Improvements and Utilities	9,085	1,506	2,811	4,768	692	692	769	769	923	923	-
TOTAL EXPENDITURES	11,269	1,771	3,298	6,200	900	900	1,000	1,000	1,200	1,200	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	5,655	752	503	4,400	600	600	700	700	900	900	-
Current Revenue: General	3,651	231	1,620	1,800	300	300	300	300	300	300	-
State Aid	50	48	2	-	-	-	-	-	-	-	-
State ICC Funding (M-NCPPC Only)	1,913	740	1,173	-	-	-	-	-	-	-	-
TOTAL FUNDING SOURCES	11,269	1,771	3,298	6,200	900	900	1,000	1,000	1,200	1,200	-

COMPARISON (\$000s)

	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years	FY 19 Approp.
Prior Year Approved	7,569	4,334	635	2,600	650	650	650	650	-	-	-	-
Agency Request	11,169	1,771	3,198	6,200	900	900	1,000	1,000	1,200	1,200	-	900
Recommended	11,269	1,771	3,298	6,200	900	900	1,000	1,000	1,200	1,200	-	900

CHANGE	TOTAL	%	6-YEAR	%	APPROP.	%
Agency Request vs Prior Year Approved	3,600	47.6%	3,600	138.5%	900	-
Recommended vs Prior Year Approved	3,700	48.9%	3,600	138.5%	900	-
Recommended vs Agency Request	100	0.9%	-	-	-	-



Recommendation

Approve with Modifications. The Executive does not recommend a \$4.4 million funding switch from G.O. Bonds to Water

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CategoryM-NCPPCDate Last Modified01/02/18SubCategoryDevelopmentAdministering AgencyM-NCPPCPlanning AreaCountywideStatusOngoing

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	2,184	265	487	1,432	208	208	231	231	277	277	-
Site Improvements and Utilities	8,985	1,506	2,711	4,768	692	692	769	769	923	923	-
TOTAL EXPENDITURES	11,169	1,771	3,198	6,200	900	900	1,000	1,000	1,200	1,200	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	1,255	752	503	-	-	-	-	-	-	-	-
Current Revenue: General	3,551	231	1,520	1,800	300	300	300	300	300	300	-
State Aid	50	48	2	-	-	-	-	-	-	-	-
State ICC Funding (M-NCPPC Only)	1,913	740	1,173	-	-	-	-	-	-	-	-
Water Quality Protection Bonds	4,400	-	-	4,400	600	600	700	700	900	900	-
TOTAL FUNDING SOURCES	11,169	1,771	3,198	6,200	900	900	1,000	1,000	1,200	1,200	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	900	Year First Appropriation	FY07
Appropriation FY 20 Request	900	Last FY's Cost Estimate	7,569
Cumulative Appropriation	4,969		
Expenditure / Encumbrances	3,187		
Unencumbered Balance	1,782		

Project Description

This PDF funds continuing efforts to update and maintain our existing facilities to meet today's standards and enhance environmental conditions throughout the park system. M-NCPPC operates 12 maintenance yards (MY) throughout Montgomery County that are regulated as industrial sites under NPDES because bulk materials storage and equipment maintenance have the potential to pollute surface waters. Each MY is subject to NPDES regulations, and must have a Stormwater Pollution Prevention Plans (SWPPs) in place. SWPPs are generally a combination of operational efforts and capital projects, such as covered structures for bulk materials and equipment, vehicle wash areas, or stormwater management facilities. In addition, M-NCPPC has identified between 60 and 70 existing farm ponds, lakes, constructed wetlands, irrigation ponds, recreational ponds, nature ponds, and historic dams on park property that do not qualify for funding through Montgomery County's Water

Quality Protection program. Based on the results of field inspections, projects are prioritized for design, permitting, and construction. M-NCPPC has entered into a countywide NPDES Phase II Permit with MDE to establish pollution prevention measures to mitigate stormwater runoff that originates on parkland. This new permitting requirement will involve additional efforts to identify untreated areas and develop appropriate Best Management Practices (BMPs) to control stormwater runoff and enhance water quality. Since Parks received its NPDES MS4 Phase II Permit in 2010, we have implemented numerous innovative BMPs, including enhanced outfalls, riparian enhancements, bioswales, impervious removals, dry wells, infiltration swales, microtopography cells throughout the Park system. These projects are completed in conjunction with other infrastructure rehabilitation projects. Parks has a backlog of similar projects that will be implemented as funding becomes available. Parks expects to receive an updated Phase II MS4 Permit in FY18, which will require significantly more SWM retrofits throughout the Park system.

Cost Change

Increase to address higher construction costs and additional regulatory requirements. Addition of WQPB fundiung. Addition of FY23 and FY24 to this ongoing project.

Project Justification

The NPDES General Discharge Permit for Stormwater Associated with Industrial Facilities, Permit No. 02 SW issued by the Maryland Department of the Environment (MDE), requires implementation of the SWPPs at each maintenance yard. The MDE Dam Safety Program requires regular aesthetic maintenance, tri-annual inspection, and periodic rehabilitation of all pond facilities to maintain their function and structural integrity. NPDES Municipal Separate Storm Sewer System (MS4) Permit.

Fiscal Note

Prior year partial capitalization of expenditures through FY16 totaled \$6,029,000. In FY16 received an additional \$600k from SHA for ICC Mitigation. State Bond Bill of \$50k received in 2015 for West Fairland Local Park. FY14 transferred in FY14, \$40k GO bonds from Ballfield Improvements, #008720. In FY13, transferred in \$200k GO Bonds from Lake Needwood Modifications #098708.

Disclosures

Expenditures will continue indefinitely. M-NCPPC asserts that this project conforms to the requirement of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

Montgomery County Department of Permitting Services (MCDPS), Montgomery County Department of Environmental Protection (MCDEP), Maryland Department of the Environment, Washington Suburban Sanitary Commission (WSSC), Montgomery County Department of Transportation, State Highway Administration (SHA)