

**K00A05**  
**Department of Natural Resources – PAYGO**

***Pay-As-You-Go Capital Budget Summary***

(\$ in Thousands)

	<i>FY 2006 Approp.</i>	<i>FY 2007 Approp.</i>	<i>FY 2008 Allowance</i>	<i>Percent Change</i>	<i>DLS Recommd.</i>
Program Open Space					
Land Acquisition and Local Program	\$74,283	\$257,166	\$176,558	-31.3%	\$176,557
Critical Maintenance/Capital Development	3,559	18,191	16,686	-8.3%	16,687
Rural Legacy Program	14,022	26,050	25,921	-0.5%	20,921
Ocean City Beach Maintenance	1,000	1,000	1,000	0%	1,000
Waterway Improvement Program	20,500	26,000	27,700	6.5%	27,700
Shore Erosion Control Loan Program	500	800	500	-37.5%	500
<b>Total</b>	<b>\$113,864</b>	<b>\$329,207</b>	<b>\$248,365</b>	<b>-24.6%</b>	<b>\$243,365</b>

<b>Fund Source</b>					
General	0	0	5,000	100%	0
Special	109,364	322,057	238,365	-26.0%	238,365
Federal	4,500	7,150	5,000	-30.1%	5,000
<b>Total</b>	<b>\$113,864</b>	<b>\$329,207</b>	<b>\$248,365</b>	<b>-24.6%</b>	<b>\$243,365</b>

***Summary of Issues***

***Latest Transfer Tax Revenue Estimates Cool Off:*** After experiencing a significant surge, real estate transfer tax revenues are cooling off. As a result, several Department of Natural Resources (DNR) capital programs are funded below the record high levels they enjoyed in fiscal 2007. **DNR should brief the committees on how the latest transfer tax revenue estimates may impact the operation and performance of land conservation programs in fiscal 2007, 2008, and 2009.**

Note: Numbers may not sum to total due to rounding.

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***Improving DNR Management of Land Conservation Easements:*** While DNR has an overarching conservation easement monitoring plan, the department’s land conservation programs lack consistent and coordinated easement acquisition policies. To address this shortcoming, DNR is in the process of creating a departmentwide policy and procedure framework for conservation easement acquisitions. **The Department of Legislative Services (DLS) recommends that DNR discuss the conservation easement policies it intends to address, the benefits and challenges associated with developing a single framework, and the potential costs associated with implementing this new framework.**

***National Sailing Hall of Fame Agreement Should be Scrutinized:*** On December 21, 2005, former Governor Robert L. Ehrlich, Jr., announced a formal agreement to establish the National Sailing Hall of Fame (NSHOF) museum on DNR property in Annapolis. DNR’s fiscal 2008 PAYGO allowance includes \$887,000 related to the NSHOF museum project. The NSHOF museum agreement and related capital funding requests in DNR’s fiscal 2008 allowance raise several policy issues. **DNR should be prepared to respond to four policy concerns. Also, DLS recommends budget bill language withholding fiscal 2008 critical maintenance and capital development funds until DNR provides the committees with (1) the results of the Maryland Stadium Authority-funded NSHOF studies; and (2) a detailed description of how the administration intends to proceed based on the study results.**

## ***Summary of Recommended Actions***

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	<u><b>Funds</b></u>
1. Add budget bill language making capital funding contingent upon the submittal of a report.	
2. Delete \$5.0 million in general funds for the Rural Legacy Program.	\$ 5,000,000
<b>Total Reductions</b>	<b>\$ 5,000,000</b>

## Overview Issues

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### 1. Latest Transfer Tax Revenue Estimates Cool Off

After experiencing a significant surge, real estate transfer tax revenues are cooling off. While the fiscal 2008 allowance allocates the full amount of estimated transfer tax revenue to programs as required in statute (see **Exhibit 1**), \$102.6 million, or 28.4% less revenue is available than budgeted in fiscal 2007. As a result, several DNR capital programs are funded below the record high levels enjoyed in fiscal 2007 (see **Exhibit 2**).

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#### Exhibit 1 Property Transfer Tax Allocation Fiscal 2007 and 2008

	<u>Fiscal 2007</u>	<u>Fiscal 2008</u>
<b>Transfer Tax Revenue Estimate</b>	<b>\$264,491,000</b>	<b>\$188,582,000</b>
Administrative Expenses (3%)	-7,934,730	-5,657,460
Attainment Adjustment (Fiscal 2005 and 2006)	104,453,151	75,502,557
<b>Total Available for Allocation</b>	<b>\$361,009,421</b>	<b>\$258,427,097</b>
<b>Program Open Space Allocation (75.15%)</b>	<b>\$271,298,580</b>	<b>\$194,207,963</b>
Heritage Areas Authority	3,000,000	3,000,000
POS Local	134,149,290	95,603,982
POS State	134,149,290	95,603,982
State Land Acquisition	89,904,397	61,764,783
Rural Legacy	8,000,000	8,000,000
POS Capital Development Eligible*	36,244,893	25,839,199
<b>Additional State Land Acquisition Allocation (1%)</b>	<b>\$3,610,094</b>	<b>\$2,584,271</b>
<b>Agricultural Land Preservation (17.05%)</b>	<b>\$61,552,106</b>	<b>\$44,061,820</b>
<b>Rural Legacy (5%)</b>	<b>\$18,050,471</b>	<b>\$12,921,355</b>
<b>Heritage Conservation Fund (1.8%)</b>	<b>\$6,498,170</b>	<b>\$4,651,688</b>

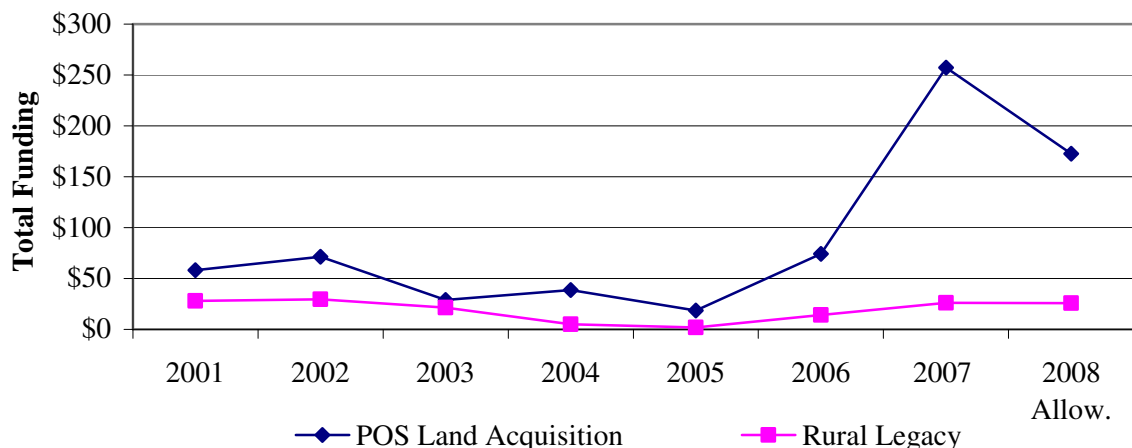
\*Of these amounts, \$19.0 million in fiscal 2007 and \$8.0 million in fiscal 2008 is for State land acquisition.

POS: Program Open Space

Source: Department of Legislative Services

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**Exhibit 2**  
**Land Conservation Funding Trends**  
**Fiscal 2001-2008**  
**(\$ in Millions)**



Source: Department of Legislative Services

Property transfer tax revenues have fluctuated significantly over the past year. While revenue collections grew over 30% in fiscal 2005 and 20% in fiscal 2006, fiscal 2007 collections are declining by over 20%. As a result of this downturn, transfer tax revenue projections were recently adjusted, as illustrated in **Exhibit 3**.

**Exhibit 3**  
**Property Transfer Tax Revenue Projections**  
**Fiscal 2007-2012**  
**(\$ in Millions)**

<u>Fiscal Year</u>	<u>December 2005 Estimate</u>	<u>December 2006 Estimate</u>
2007	\$264.5	\$201.3
2008	261.3	188.6
2009	268.9	190.3
2010	279.1	194.9
2011	290.6	199.0
2012	n/a	204.8

Source: Maryland Office of the Comptroller

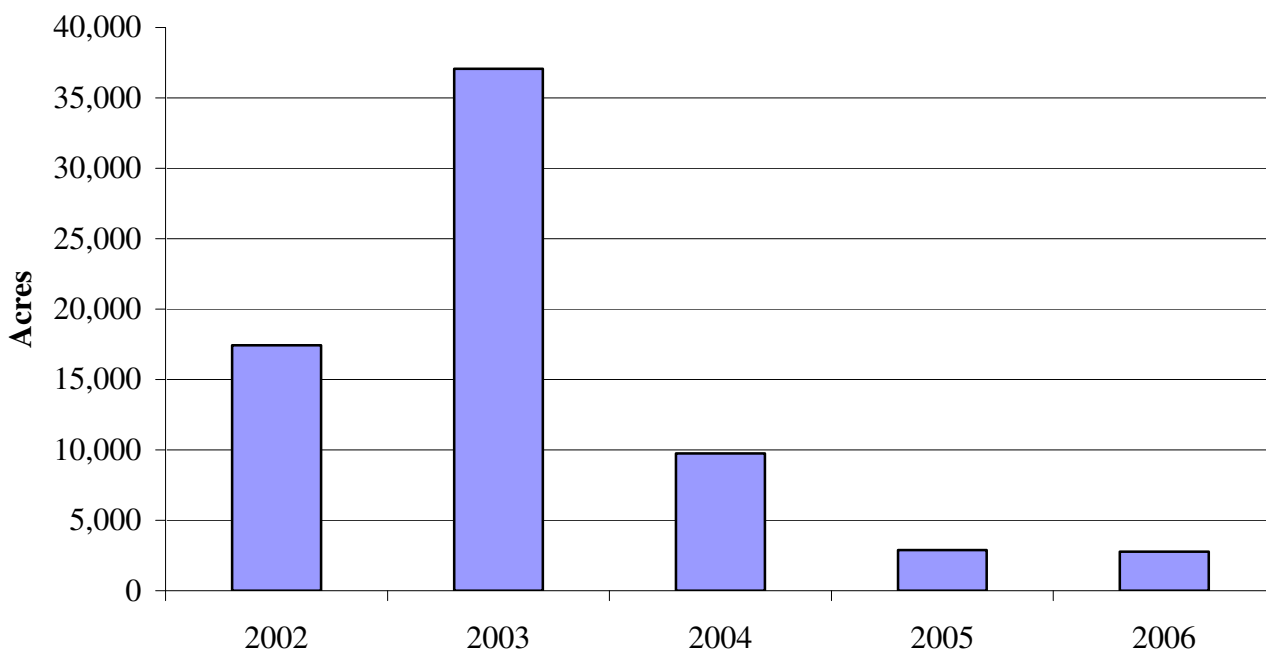
DNR should brief the committees on how the latest transfer tax revenue estimates may impact the operation and performance of land conservation programs in fiscal 2007, 2008, and 2009.

## **2. Improving DNR Management of Land Conservation Easements**

Several DNR land conservation programs – including Program Open Space, Rural Legacy, the Conservation Reserve Enhancement Program, and the Maryland Environmental Trust – utilize conservation easements as a primary tool for conserving land throughout the State. To maximize the use of limited land conservation funds, the State has placed an increasing emphasis on securing conservation easements on land instead of purchasing land in fee simple. Conservation easements protect the land from development but do not require as much direct management responsibility. However, the State is still responsible for enforcing the terms of easements through some monitoring arrangement. As illustrated in **Exhibit 4**, DNR has acquired conservation easements on 69,915 acres of land over the past five years. In fiscal 2003 alone, DNR acquired easements on approximately 21,000 acres as part of the Glatfelter land conservation agreement.

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**Exhibit 4**  
**DNR Conservation Easement Acquisitions**  
**Fiscal 2002-2006**



Note: Includes Program Open Space, Rural Legacy, and the Conservation Reserve Enhancement Program

Source: Department of Natural Resources

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While DNR has an overarching conservation easement monitoring plan, it lacks consistent and coordinated easement acquisition policies. To address this shortcoming, DNR is in the process of creating a departmentwide policy and procedure framework for conservation easement acquisitions. DNR plans to convene a workgroup composed of national and local land trust partners to help foster programmatic consistency, promote better communication, and generate new ideas.

**DLS recommends that DNR discuss the conservation easement policies it intends to address, the benefits and challenges associated with developing a single framework, and the potential costs associated with implementing this new framework.**

## ***Program Open Space – Acquisition and Local Program (Statewide)***

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<b>PAYGO SF</b>	<b>\$172,557,923</b>	<b>Recommendation:</b>	<b>Approve</b>
<b>PAYGO FF</b>	<b>\$4,000,000</b>		

**Program Description:** Title 5, Subtitle 9 of the Natural Resources Article established Program Open Space (POS) for the purpose of expediting the acquisition of outdoor recreation and open space areas and provision of recreation facilities before land is devoted to other purposes. The POS appropriation has historically been split between State and local government. While both State acquisitions and local grants fund projects that protect open space and provide recreation facilities, State acquisitions tend to place a greater emphasis on natural resource management. State POS funds are allocated for State land acquisition, capital improvements, critical maintenance, and operations. Local recreation and parks departments use local POS funds for acquisition, development, and planning projects.

Primary funding for POS has historically been provided by the State transfer tax of 0.5% of the consideration paid for the transfer of real property from one owner to another. The greater the development pressure, the more transfers, and thus the more transfer tax revenue realized for land conservation and recreation facilities. In recent years, other funding sources such as bond funds and the federal Land and Water Conservation Fund have played an important role in funding this program, as transfer tax revenue has been diverted to the general fund to cover general fund budget shortfalls.

POS administers the Heritage Conservation Fund, which is used to acquire land that provides habitat for rare, threatened, and endangered species through easement or fee simple purchase. In recent years, these funds have been used to protect Bog Turtle habitat and forest dwelling species in Western Maryland. The fund is supported by 1.8% of the annual transfer tax revenue.

Over time, many special projects that are not necessarily related to land acquisition have been given a share of the transfer tax revenue. For example, transfer tax special funds have been earmarked for critical maintenance projects, park operations, and the Ocean City beach maintenance efforts. In addition to siphoning transfer tax revenue away from POS to other projects, subtle shifts in the program's focus have occurred. For example, an increasing percentage of POS funding has been dedicated to the purchase of conservation easements instead of the purchase of land in fee simple. While easements may be a less expensive land conservation method, they do not provide for public outdoors recreation opportunities. These program earmarks and changes in method have shifted this program away from the pure State land acquisition and local park development program it was 30 years ago.

**Year Program Began:** 1969

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**Comments:** As illustrated in **Exhibit 5**, the fiscal 2008 allowance provides a total of \$176.6 million: \$172.6 million in transfer tax special funds and \$4.0 million in federal funds. The special funds are allocated to several programs: \$70.8 million for State land conservation efforts, \$95.6 million for local land conservation and recreation programs, \$4.7 million for the Heritage Conservation Fund, and \$1.5 million for park operation and maintenance in Baltimore City. The \$4.0 million in federal funds would be evenly split between the State and local governments for land acquisition.

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**Exhibit 5**  
**Program Open Space Fiscal 2008 Allowance**

	<u>Transfer Tax Special Funds</u>	<u>Federal Funds</u>	<u>Total</u>
<b>POS – State Share</b>			
Land Acquisition	\$70,802,253	\$2,000,000	\$72,802,253
Baltimore City Direct Grant	1,500,000	0	1,500,000
<b>POS – Local Share</b>			
Land Acquisition/Development	95,603,982	2,000,000	97,603,982
<b>Heritage Conservation Fund</b>	4,651,688	0	4,651,688
<b>Total</b>	<b>\$172,557,923</b>	<b>\$4,000,000</b>	<b>\$176,557,923</b>

Note: This chart excludes critical maintenance, capital development, Ocean City beach maintenance, and dam repair funds.

POS: Program Open Space

Source: Governor's Budget Books, Fiscal 2008

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As shown in **Exhibit 6**, the fiscal 2008 allowance provides \$72.8 million for State land acquisition – a decrease from fiscal 2007, but a significant increase from fiscal 2004 through 2006.

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**Exhibit 6**  
**POS State Land Acquisition**  
**(\$ in Millions)**

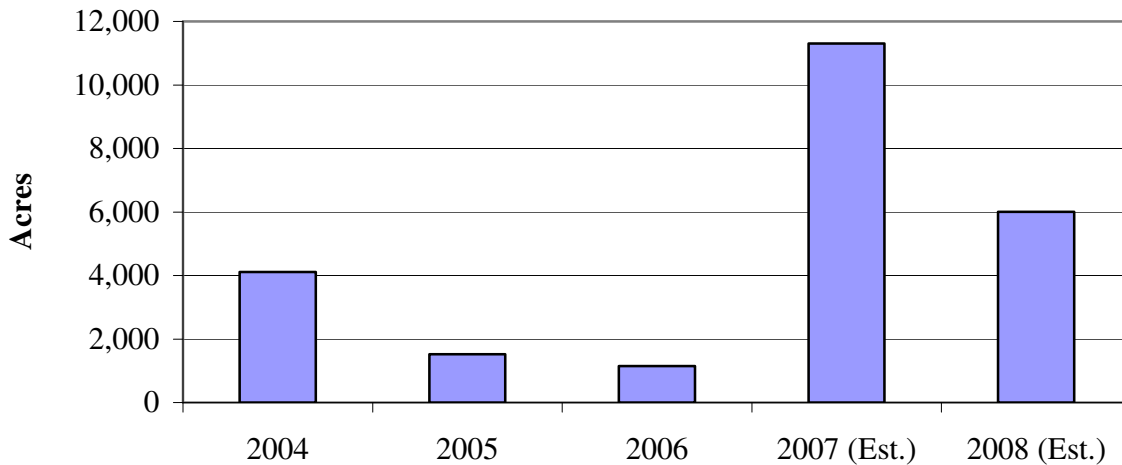
<u>Fiscal Year</u>	<u>Special Funds</u>	<u>Federal Funds</u>	<u>GO Bonds</u>	<u>Total</u>
2004	\$0.0	\$1.0	\$12.7	\$13.7
2005	0.0	1.0	0.0	1.0
2006	23.1	2.0	0.0	25.1
2007	111.0	2.0	0.0	113.0
2008	70.8	2.0	0.0	72.8

POS: Program Open Space

Source: Governor's Budget Books, Fiscal 2005-2008

**Program Performance Analysis:** As illustrated in Exhibit 7, DNR is anticipating a significant increase in POS acquisition acres approved by the Board of Public Works in fiscal 2007, and then a tapering off in fiscal 2008. **DNR should be prepared to discuss whether the aggressive fiscal 2007 estimate is realistic, as well as the challenges local jurisdictions and the State are facing with spending increased funding in a strategic yet timely manner.**

**Exhibit 7  
POS Acquisition Acres Approved by the Board of Public Works  
Fiscal 2004-2008**



POS: Program Open Space

Source: Governor’s Budget Books, Fiscal 2006-2008

**Authorization Summary  
(\$ in Millions)\***

<i>Fiscal Year</i>	<i>Authorization</i>	<i>Funds</i>		<i>Balances</i>	
		<i>Encumbered</i>	<i>Expended</i>	<i>To Be Encumbered</i>	<i>To Be Expended</i>
Prior Years	\$738.482	\$733.762	\$709.876	\$4.720	\$28.606
2004	38.259	31.740	24.296	6.519	13.963
2005	17.160	14.010	6.706	3.150	10.454
2006	75.487	43.166	26.857	32.321	48.630
2007	252.566	20.982	0.000	231.584	252.566
<b>Total</b>	<b>\$1,121.954</b>	<b>\$843.660</b>	<b>\$767.735</b>	<b>\$278.294</b>	<b>\$354.219</b>

\*Balance as of 12/01/06

Note: Includes POS/Local, POS/State, and the Heritage Conservation Fund.

## Program Open Space Fund Data

(\$ in Millions)

<i>Description</i>	<i>2006 Approp.</i>	<i>2007 Approp.</i>	<i>2008 Request</i>	<i>2009 Estimate</i>	<i>2010 Estimate</i>	<i>2011 Estimate</i>	<i>2012 Estimate</i>
PAYGO SF	\$71.487	\$253.166	\$172.557	\$77.000	\$130.200	\$133.300	\$137.700
PAYGO FF	4.000	4.000	4.000	4.000	2.000	2.000	2.000
Reimb. Funds	0.875	0.000	0.000	0.000	0.000	0.000	0.000
<b>Total</b>	<b>\$76.362</b>	<b>\$257.166</b>	<b>\$176.557</b>	<b>\$81.000</b>	<b>\$132.200</b>	<b>\$135.300</b>	<b>\$139.700</b>

## Recommended Actions

1. Concur with Governor's allowance.

## Fiscal 2008 Proposed Local Program Open Space Projects

<u>County</u>	<u>Amount</u>
Allegany	\$1,055,735
Anne Arundel	11,235,640
Baltimore City	10,075,548
Baltimore	12,710,236
Calvert	1,113,408
Caroline	494,284
Carroll	2,523,308
Cecil	1,300,796
Charles	2,289,365
Dorchester	421,787
Frederick	2,609,785
Garrett	519,772
Harford	3,738,538
Howard	6,627,781
Kent	314,438

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<u>County</u>	<u>Amount</u>
Montgomery	\$16,693,705
Prince George's	14,363,572
Queen Anne's	671,790
St. Mary's	1,266,206
Somerset	304,035
Talbot	704,560
Washington	1,988,061
Wicomico	1,328,105
Worcester	1,253,527
<b>Total</b>	<b>\$95,603,982</b>

***Fiscal 2007 Local Program Open Space Project Status***

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<u>County</u>	<u>Amount</u>
Allegany	\$1,493,363
Anne Arundel	16,146,827
Baltimore City	10,689,305
Baltimore	18,186,282
Calvert	1,619,537
Caroline	706,774
Carroll	3,639,805
Cecil	1,879,814
Charles	3,320,360
Dorchester	612,424
Frederick	3,849,424
Garrett	757,694
Harford	5,390,659
Howard	9,537,751
Kent	455,572

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<u>County</u>	<u>Amount</u>
Montgomery	\$24,291,035
Prince George's	20,606,240
Queen Anne's	987,019
St. Mary's	1,837,585
Somerset	437,299
Talbot	1,040,457
Washington	2,867,918
Wicomico	1,902,666
Worcester	1,893,480
<b>Total</b>	<b>\$134,149,290</b>

## ***Program Open Space – Critical Maintenance Projects and Capital Development (Statewide)***

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**PAYGO SF**                      **\$16,686,000**              **Recommendation:**              **Add budget bill language**

**Program Description:** State law allows up to 25% of the Program Open Space (POS) funds allocated to the State to be used for development projects and for operating expenses at State forests and parks. The Department of Natural Resources (DNR) maintains over 1,200 buildings, hundreds of miles of roadway, parking lots, and a variety of water associated facilities that serve millions of visitors annually. Critical maintenance projects include structural repairs to buildings, bridge repairs, well and septic system replacement, and road and utility repairs. According to DNR, there is an approximately \$26.4 million (755 projects) backlog in necessary critical maintenance and capital improvement projects at State forests and parks.

The Natural Resources Development Fund (NRDF) provides support to design and construct development projects on DNR property. Development projects include shower buildings, building renovations, road parking and trail improvements, and general park improvements.

The Dam Rehabilitation Program was initiated in fiscal 1999 to address the major repair needs at 13 of DNR's 29 dams. Seven dams have been repaired since funding was first provided in fiscal 1999. The dams scheduled for repair through the program have been identified by the Maryland Department of the Environment's Dam Safety Division as needing immediate repairs. The repairs may include conducting assessments; developing emergency warning plans; and repairing spillways, sluice gates, and access roads. DNR anticipates that sufficient funding will be provided in fiscal 2008 and 2009 to complete all major dam repairs. Therefore, DNR plans to end the program in fiscal 2010 and address future dam needs through the critical maintenance program.

**Comments:** The fiscal 2008 PAYGO allowance provides the following funds:

- **Critical Maintenance (\$5,470,000)** – To address approximately 72 maintenance projects across the State. The maintenance projects proposed have been evaluated by the Department of General Services and placed into one of three categories: fineable code violations with serious life safety issues; destruction of related assets if maintenance is not completed; and accelerated deterioration of the asset will occur if project is not completed or project is at the end of normal life expectancy. DNR and the Department of General Services (DGS), who manages the critical maintenance projects on behalf of DNR, should be prepared to explain the large amount of unencumbered funds reflected in the expenditure/encumbrance summary. The discussion should focus on the actions that contribute to the delayed encumbrance activity and whether the additional position proposed in the DGS budget will provide the necessary staffing level to ensure more timely completion.
- **NRDF/Capital Development (\$9,717,000)** – The Department of Legislative Services notes that many of the projects could potentially be funded for design and construction in one year rather than over a two-year period. Funding these projects in one year could potentially

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reduce total project costs and might also allow DGS to focus on completing projects rather than juggling multiple projects with multi-year funding.

**DNR and DGS should discuss the pros and cons associated with funding DNR development projects in one year where appropriate.**

<b>Subdivision</b>	<b>Project Title</b>	<b>Estimated Cost</b>	<b>Prior Auth</b>	<b>FY 2008 Amount</b>	<b>Future Request</b>
Allegany	Dan’s Mountain Wildlife Management Area – Access Road and Storage Building	\$1,678,000	\$78,000	\$1,600,000	–
Allegany	Rocky Gap State Park – new Bathhouse and Concession Buildings	4,615,000	2,007,000	2,608,000	–
Allegany	Rocky Gap State Park – Water Treatment Plant Upgrade	729,000	–	729,000	–
Anne Arundel	Sandy Point State Park – Relocation of Area 3 natural Resources Police and DNR Communication Center	821,000	–	821,000	–
Baltimore	North Point State Park – Bayshore Pier Restoration	1,948,000	–	98,000	\$1,850,000
Caroline	Tuckahoe State Park – Upper Chesapeake Rail/Trail Connector	1,490,000	–	1,490,000	–
Charles	Cedarville Fish Hatchery – Pipe Replacement and Pond Relining	1,555,000	–	155,000	1,400,000
Charles	Myrtle Grove Wild life Management Area – New Maintenance Shop	800,000	–	800,000	–
Garrett	Deep Creek Lake State Park – Replacement Bathhouse	1,064,000	–	114,000	950,000
Harford	Susquehanna State Park – Bathhouse and Campground Renovations	782,000	–	82,000	700,000
Somerset	Janes Island State Park – Nature Center Renovations and Improvements	1,727,000	–	227,000	1,500,000
St. Mary’s	Point Lookout State Park – Administration Building Renovations	1,525,000	–	175,000	1,350,000
Talbot	Black Walnut Point Natural Resources Management Area – Replace Bulkhead	300,000	–	300,000	–
Talbot	Black Walnut Point Natural Resources Management Area – Shore Erosion Control	1,689,000	–	89,000	1,600,000
Worcester	Assateague State Park – Nature Center Replacement	2,450,000	–	300,000	2,150,000
Worcester	Pocomoke State Park – Milburn Landing Bathhouse Replacement	1,185,000	–	129,000	1,056,000
	<b>Total</b>	<b>\$24,358,000</b>	<b>\$2,085,000</b>	<b>\$9,717,000</b>	<b>\$12,556,000</b>

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- **Ocean City Beach Maintenance (\$1,000,000)** – For the State’s annual share of maintenance costs associated with beach maintenance.
- **Dam Rehabilitation (\$500,000)** – For \$200,000 to assess, design, and repair the Herrington Creek Dam in Herrington Manor State Park (Garrett County), and \$300,000 to complete removal of the Union Mill Dam in Patapsco Valley State Park (Baltimore County). A total of \$500,000 was previously authorized for removal of the Union Mill Dam.

**Program Performance Analysis:** DNR’s Managing for Results plan does not include any performance measures that track progress toward addressing DNR’s \$26.4 million backlog of critical maintenance and capital improvement projects. However, DNR advises that the backlog is expected to shrink to half its current size within the next four years. **DNR should discuss the backlog’s growth rate, DNR’s capacity to effectively manage a higher level of critical maintenance/capital development funding, and whether capital development project cost savings could be achieved by pursuing the design-build construction approach.**

In accordance with statute, the POS Contingency Fund seeks to supplement fund shortages on critical maintenance and capital development projects that are either out to bid or in construction. The fund is supported by allocating excess funds from completed or canceled projects and has a limit of \$250,000. **DNR should be prepared to discuss whether the POS Contingency Fund’s \$250,000 limit is still reasonable, and whether DNR may seek to change the statute governing the fund in the near future.**

**Critical Maintenance Program  
Authorization Summary  
(\$ in Millions)\***

<i>Fiscal Year</i>	<i>Authorization</i>	<i>Funds</i>		<i>Balances</i>	
		<i>Encumbered</i>	<i>Expended</i>	<i>To Be Encumbered</i>	<i>To Be Expended</i>
Prior Years	\$15.664	\$15.515	\$15.479	\$0.149	\$0.185
2004	3.524	3.472	3.029	0.052	0.495
2005	3.500	3.396	1.533	0.104	1.967
2006	4.000	1.452	1.023	2.548	2.977
2007	4.000	0.747	0.040	3.253	3.960
<b>Total</b>	<b>\$30.688</b>	<b>\$24.582</b>	<b>\$21.104</b>	<b>\$6.106</b>	<b>\$9.584</b>

\*Balance as of 2/13/2007

## ***Issues***

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### **1. National Sailing Hall of Fame Agreement Should be Scrutinized**

#### **Background**

On December 21, 2005, former Governor Robert L. Ehrlich, Jr., announced a formal agreement to establish the National Sailing Hall of Fame (NSHOF) museum on DNR property in Annapolis. A Memorandum of Understanding (MOU) between the State, DNR, the City of Annapolis (city), and NSHOF was signed that sets forth a cooperative agreement to jointly pursue development of the museum on DNR property and explore development of adjacent city property. The DNR property at issue is located on the Annapolis Harbor next to the City Dock at 67 and 69 Prince George Street. The property includes a 1,134 square foot building that currently houses the Natural Resources Police (NRP) Area 3 headquarters as well as access to adjacent piers. The terms of the MOU are summarized below.

- NSHOF may immediately utilize the DNR property for floating classrooms, displays, and access to the water.
- DNR will vacate the property and lease the property to NSHOF.
- DNR and the city must agree on the museum design as well as how construction management will be handled.
- NSHOF must finance and construct improvements to the property, but such improvements shall remain State property.

In December 2006, the Maryland Stadium Authority (MSA) awarded \$105,000 in contracts to begin engineering and marketing studies for the proposed NSHOF museum. The studies are being conducted by Towson University's Center for Applied Business and Economics and Richter Cornbrooks Gribble Architects. The studies will examine numerous issues, including NSHOF's potential economic impact, site engineering, site suitability, preliminary programmatic requirements, and preliminary design. This work is being funded by MSA (\$85,000) and the city/NSHOF (\$20,000). DNR advises that several study segments have been delayed, pushing back the results release date to sometime after April 2007.

At this time, the NRP Area 3 office and NSHOF are co-located on the property. Excess land along the side of the building as well as space at the pier is being utilized by NSHOF as a temporary exhibit area and berth for display vessels.

## **Fiscal 2008 Implications**

DNR's fiscal 2008 PAYGO allowance includes funding for the NSHOF project within two programs: \$75,000 in the POS/Critical Maintenance Program to renovate the exterior of the NRP Area 3 building, and \$821,000 in POS/Capital Development funds to design and construct a new joint NRP Area 3 Office/DNR Communications Center at Sandy Point State Park. Upon questioning, DNR advised that if the NRP office relocation occurs, the \$75,000 in critical maintenance funding would be reprogrammed to other projects.

## **Policy Issues**

The NSHOF MOU and related capital funding requests in DNR's fiscal 2008 allowance raise several policy issues.

- **Uncertain State Benefits** – The State is providing significant assistance to NRSOF, including a highly valuable potential location as well as preliminary engineering and marketing assistance. However, the benefits that the State may accrue as a result of this project have not yet been identified.
- **Avoiding the State Property Clearinghouse Process** – If this waterfront property is no longer needed, DNR should engage in the State's formal property clearinghouse process. It could be argued that DNR side-stepped this requirement by entering into the MOU with NSHOF.
- **Premature Timing** – It may be prudent to postpone State construction funding related to the NSHOF museum until the MSA-funded studies are complete and museum building plans, funding, and permits are in place. At this point, even DNR is not certain whether the NRP Area 3 office relocation is definite, as evidenced by the \$75,000 fiscal 2008 critical maintenance funding request for the existing building.
- **Lack of Involvement of the State's Museum Experts** – The Maryland Department of Planning's (MDP) Division of Historical and Cultural Programs has significant experience with museum development, operation, and management. However, MDP is not one of the key partners in this significant museum development project.

**DNR should be prepared to respond to each of the four policy concerns described above. Also, the Department of Legislative Services recommends budget bill language withholding fiscal 2008 critical maintenance and capital development funds until DNR provides the committees with (1) the results of the MSA-funded NSHOF studies; and (2) a detailed description of how the administration intends to proceed based on the study results.**

## ***Recommended Actions***

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1. Add the following language to the special fund appropriation:

, provided that \$75,000 in the Critical Maintenance Program funds for the existing Natural Resources Police (NRP) Area 3 Office and \$821,000 in Capital Development Program funds for the proposed NRP Area 3 Office, is contingent upon the submittal of a comprehensive report to the budget committees on the development of a National Sailing Hall of Fame (NSHOF). The report should be submitted no later than October 1, 2007. The report should include the results of Maryland Stadium Authority-funded studies, a detailed description of how the Administration intends to proceed based on the study results, and an accounting of previous and anticipated State funding for the NSHOF project. The budget committees shall have 45 days to review and comment upon the report.

**Explanation:** This budget bill language restricts expenditure of \$896,000 in proposed fiscal 2008 capital project funding until a report on the NSHOF is submitted to the budget committees. The report should include the results of the Maryland Stadium Authority-funded studies, a detailed description of how the Administration intends to proceed based on the study results, and an accounting of previous and anticipated State funding for the NSHOF project.

<b>Information Request</b>	<b>Author</b>	<b>Due Date</b>
NSHOF Status Report	DNR	October 1, 2007

## ***Executive’s Operating Budget Impact Statement***

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(\$ in Thousands)

	<b>FY 2008</b>	<b>FY 2009</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
<b>Estimated Operating Costs</b>	13	71	304	150	166
<b>Estimated Staffing</b>	0	0	0	0	0

## ***Fiscal 2008 Proposed Critical Maintenance Projects***

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<b><u>Location</u></b>	<b><u>Project Name</u></b>	<b><u>Cost</u></b>
Big Run State Park	Replace Water System	\$18,000
Pasadena Work Center	Fire Tower Security	5,000
Hallowing Point Office	Central Air Upgrade Forestry Office	20,000

*Analysis of the FY 2008 Maryland Executive Budget, 2007*

***K00A05 – Department of Natural Resources – PAYGO***

<b><u>Location</u></b>	<b><u>Project Name</u></b>	<b><u>Cost</u></b>
Gunpowder Falls S. P.	Replace Well Pump – Office Shop Complex	\$5,000
Patapsco Valley S.P.	Repair Shelter Fireplace and Floor	7,000
Gunpowder Falls S.P.	Replace Oil Tank – Marina Complex	20,000
Elk Neck S. F.	Remove Underground Oil Tank	15,000
Fort Frederick S.P.	Acoustic Ceiling Replacement – Visitor Center	15,000
Gambrill S.P.	Replace Windows and Doors – Shop/Office	33,000
Elk Neck S.F.	Replace Shooting Range Baffles (4)	50,000
New Germany S.P.	Install Emergency Exit – Shop	15,000
Rocky Gap S.P.	Renovate Comfort Station	75,000
Woodmont Lodge	Investigate Structural Defects	25,000
City Dock Area 3 Office	Renovate Exterior City Dock Office	75,000
Wye Island N.R.M.A.	Renovate Restrooms – Lodge	46,000
Cunningham Falls S.P.	Install Grease Trap	10,000
Assateague S.P.	Dune Maintenance	300,000
Gunpowder Falls S.P.	Bridge Maintenance/Erosion Control/Culvert Repairs – NCR Trail	75,000
Cunningham Falls S.P.	Replace Parking Bumpers	37,680
Cunningham Falls S.P.	Resurface Roads and Parking Lots	420,000
Greenbrier S.P.	Replace Entrance Deck	27,000
Rocky Gap S.P.	Replace Frost Free Hydrants	95,000
Wye Mills Office	Interior Office Renovation	33,000
Elk Neck S.F.	Renovate Shooting Range	24,000
Fair Hill N.R.M.A.	Resurface Horse Stalls	20,000
Hollofield Auto Shop	Re-roof Shop Complex	40,000
Rocks S.P.	Replace Sewage Pumps	5,000
Seneca Creek S.P.	Abandoned Building Razing	80,000
Gathland S.P.	Pave Entrance and Parking Area – Lodge	30,000
Greenbrier S.P.	Replace Concession Roof	10,000
Green Ridge S.F.	Fuel Pump Replacement	13,000
Herrington Manor S.P.	Repair Chimney Flue	5,000
New Germany S.P.	Renovate Garage Building	16,400
Patapsco Valley S.P.	Fence Shop and Office Complex	30,000
Seneca Creek S.P.	Replace Concrete Walk	12,000
Seneca Creek S.P.	Replace heating, ventilation, and air conditioning – Visitor Center	48,000
Seneca Creek S.P.	Repair Sidewalks – Comfort Stations	45,000
Susquehanna S.P.	Replace Mansion Windows	35,000
Cedarville S.F.	Bridge Repairs	45,000
Cedarville Fish Hatchery	Repair Shop Road	26,300
Patapsco Valley S.P.	Replace Main Water Line	40,000
Susquehanna S.P.	Stabilization of Structure and Shoreline – Flint Furnace	300,000
Woodmont S.P.	Replace Metal Roofs	24,000
Susquehanna S.P.	Repaint Rock Run Mansion	24,000
Patapsco Valley S.P.	Replace Furnace at Hilton Shop	22,000
Elk Neck S.F.	Repair/Replace Scenic Overlook	5,000
Fair Hill N.R.M.A.	Repaint Stone Wall – National Security Agency Building	4,000
Fair Hill N.R.M.A.	Stabilize West Abutment – Scotts Mill	50,000
Fair Hill N.R.M.A.	Erosion Control at Bridges 3 and 5	50,000
Rocks S.P.	Drainage Improvements	40,000

***K00A05 – Department of Natural Resources – PAYGO***

<b><u>Location</u></b>	<b><u>Project Name</u></b>	<b><u>Cost</u></b>
Rocky Gap S.P.	Renovate Campground Shower Buildings – Phase II	\$364,620
Dan’s Mountain S.P.	Re-roof Pool Building	45,000
Cedarville S.F.	Resurface Entrance Roads and Parking	420,000
Cedarville S.F.	Upgrade Phone System	5,000
Pasadena F.W.C.	Exterior Shop Renovations	22,000
NRP Area 2 Office	Pave Entrance Road and Parking Lot	70,000
Tuckahoe S.P.	Paint Miscellaneous Buildings	36,000
Statewide	Contingency Fund	60,000
Wye Mills Office	Renovate heating, ventilation, and air conditioning	17,000
Elk Neck S.P.	Re-roof Seven Buildings	66,000
Fair Hill N.R.M.A.	Re-roof Covered Bridge	20,000
Susquehanna S.P.	Renovate Shop Exterior	20,000
Fair Hill N.R.M.A.	Install Metal Siding – Hunter Hay Barn	24,000
Fair Hill N.R.M.A.	Re-roof Six Buildings	135,000
Gunpowder Falls S.P.	Re-coat Gutters – Monkton Train Station	7,500
Patapsco Valley S.P.	Re-roof Restroom – McKeldin	7,500
Susquehanna S.P.	Replace Campground Well Pumps	12,000
Dan’s Mountain S.P.	Paving of Day Use Parking Lots and Roads	329,000
NRP Hillsboro Office	Roof Shingle Replacement	24,000
Statewide	Underground Storage Tank Replacement	600,000
Patapsco Valley S.P.	Resurface Roads and Parking Lots, Pickall	500,000
Patapsco Valley S.P.	Resurface Entrance Road, Avalon	220,000
	<b>Total</b>	<b>\$5,470,000</b>

## ***Fiscal 2007 Critical Maintenance Project Status***

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<b><u>Location</u></b>	<b><u>Project Name</u></b>	<b><u>Cost</u></b>
Assateague S.P.	Emergency Dune Repairs	\$700,000
Bear Creek Hatchery	Replace Garage Doors – Upper Bldg.	18,000
Bear Creek Hatchery	Renovate Storage Building	74,000
Cedarville Fish Hatchery	Replace Windows and Doors – S. Region Office	15,000
Cedarville Fish Hatchery	Electric Installation to Pole Barn	7,000
Crisfield Marine Terminal	Resurface Roads and Lots	20,000
Cunningham Falls S.P.	Floor Repair – Concession Building	12,000
Cunningham Falls S.P.	Renovation of Manor Shop	25,000
Cunningham Falls S.P.	Replace Public Address System	20,000
Dan's Mountain S.P.	Rebuild Mountain Top Shelter	24,000
Deal Island W.M.A.	Road Improvement DIWMA	38,000
Deep Creek Lake S.P.	Resurface Lot – Maintenance Shop	17,000
Deep Creek Lake S.P.	Resurface Day Use Access Road	19,000
Deep Creek Lake S.P.	Replace Water Heater – Beach Bath House	10,000
Doncaster S.F.	Demolish Trailer	10,000
Elk Neck S.P.	Replace Windows and Doors – Headquarters	30,000
Fair Hill N.R.M.A.	Replace Roof – Tea Barn	42,000
Fair Hill N.R.M.A.	Furnace Flue Relining – Manor House	4,000
Fair Hill N.R.M.A.	Shop Roof Painting, Siding and Door Installation	57,000
Fair Hill N.R.M.A.	Roof Replacement – Stone Barn	31,000
Fort Frederick S.P.	Siding Installation – Visitor Center	24,000
Fort Frederick S.P.	Install Additional Electrical Outlets – Visitor Center	5,000
Fort Frederick S.P.	Water & Waste Water Hookups – Picnic Area	24,000
Fort Frederick S.P.	Building Renovations – Glatfelter Bldg. WMRT	9,000
Gambrill S.P.	Replace Roof on Visitor Center and Office	45,000
Green Ridge S.F.	Replace Windows and Doors in Office Bldg.	24,000
Greenbrier S.P.	Remove & Replace Roof – Sewage Treatment Bldg.	15,000
Greenbrier S.P.	Water Valve Replacement – Campground & Day Use	7,000
Gunpowder Falls S.P.	Replace Injector Pumps – Hammerman Area	35,000
Gunpowder Falls S.P.	Fuel Oil Tank Replacement – Hammerman Shop	35,000
Gunpowder Falls S.P.	Install Heating System – White Hall Shop	10,000
Gunpowder Falls S.P.	Bridge Maint., Erosion Control, NCR Trail	75,000
Gunpowder Falls S.P.	Window Replacement – Restrooms – Hammerman	18,000
Hart-Miller Island S.P.	Vinyl Siding and Light Replacement – Ofc./Shop/First Aid	26,000
Herrington Manor S.P.	Replace Roof on Block Garage	24,380
Herrington Manor S.P.	Replace 2 Entrance Doors – Park Office	5,000
Herrington Manor S.P.	Install Footer/Cement Block Wall – Cabins	250,000
Indian Springs W.M.A.	Renovation of Office/Shop Complex	93,305
Indian Springs W.M.A.	Restore Log Springhouse	10,000
Janes Island S.P.	Replace Windows – Conference Center	5,000
LeCompte W.M.A.	Replace Doors and Locks	4,000
Lewistown Fish Hatchery	Install Doors – Garage	12,000
Martinak S.P.	Replace Septic System – Camp Loop A Bathhouse	7,000
Matapeake Work Center	Replace Gutters	12,000
Millington W.M.A.	Road Repair Qullen Farm	7,000

***K00A05 – Department of Natural Resources – PAYGO***

<b><u>Location</u></b>	<b><u>Project Name</u></b>	<b><u>Cost</u></b>
Millington W.M.A.	Replace interior and exterior lighting	\$5,000
Millington W.M.A.	Replace Flooring, Interior Doors and Windows	33,000
Millington W.M.A.	Replace heating, ventilation, and air conditioning (HVAC) system	15,000
New Germany S.P.	Stabilize Cabins 1-11	86,000
New Germany S.P.	Renovate Martin House and Lake House	70,000
New Germany S.P.	Garage Improvements	50,000
North Point S.P.	Door Replacement – Shop	9,000
Patapsco Valley S.P.	Bridge Maintenance – Bridge No. HO-NR02	14,000
Patapsco Valley S.P.	Bridge Maintenance – Gun Road Bridges	15,000
Patapsco Valley S.P.	Replace Smoke, Fire, and Burglar Alarm System – Headquarters.	47,000
Patapsco Valley S.P.	Re-pave Road and Replace Culvert – Avalon	98,000
Patapsco Valley S.P.	Replace Guardrail – Glen Artney	15,000
Patapsco Valley S.P.	Resurface Sidewalks and Access Roads – Pickall Area	75,000
Patuxent Field Office	Interior Renovations	33,600
Piney Point Hatchery	Recoat Epoxy in Culture Tanks – Reservoir Bldg.	72,000
Piney Point Hatchery	Replace Barn Roof	32,000
Piney Point Hatchery	Office Roof Replacement	50,000
Piney Point Hatchery	Tank Building Roof Replacement	72,500
Piney Point Hatchery	Replace Overhead Doors	15,000
Pocomoke River S.P.	Electric Renovation – Marina Building	26,000
Pocomoke River S.P.	Drain Field Replacement – Milburn Landing	30,000
Pocomoke River S.P.	Electrical Upgrade to Campsites Service Panels	32,000
Pocomoke River S.P.	Replace Electrical Transmission Lines and Transformers	85,000
Pocomoke River S.P.	Paving Maintenance Shop Lot	75,000
Pocomoke River S.P.	Dump Station Replacement – Milburn Landing	10,000
Pocomoke River S.P.	Replace Septic Tank and Drain Fields – Pool Area	15,000
Pocomoke River S.P.	Tile Campground Shower Buildings	32,000
Pocomoke River S.P.	Replace HVAC – Headquarters Building – Shad Landing	15,500
Pocomoke River S.P.	Sewer Pipe Replacement – Shower Building D Loop	20,000
Pocomoke River S.P.	Re-roof Shop and Pole Building – Milburn Landing	30,000
Potomac/Garrett S.F.	CCC Pavilion Roof Replacement	9,600
Potomac/Garrett S.F.	Re-roof Office	10,500
Rocky Gap S.P.	Replace HVAC in Camp Store	30,000
Rocky Gap S.P.	Re-roof Campers Boat Building	3,750
Rocky Gap SP	Renovate Campground Shower Buildings – Phase I	400,000
Sassafras River NRMA	Replace Electrical System – Lodge/Nature Center	45,000
Seneca Creek S.P.	Remove Heating Oil Tank and Replace – Shop	20,000
Somers Cove Marina	Repaint Metal Roof – Boat Storage Building	85,000
Statewide	Contingency	158,665
Susquehanna S.P.	Re-roof and Repair Historic Toll House	20,000
Tuckahoe S.P.	Replace Playground Slide	11,100
Tuckahoe S.P.	Replace Skylights – Lake Comfort Station	3,100
Wye Island N.R.M.A.	Recoat Shop Roof	16,000
Wye Island N.R.M.A.	Install Siding, Windows, and Doors – Lodge, Res., Office	55,000
	<b>Total</b>	<b>\$4,000,000</b>

**Capital Project Cost Estimate Worksheet**

**Department:** Department of Natural Resources  
**Project Number:** K00A05.10  
**Project Title:** Dan's Mountain Wildlife Management Area –  
 Access Road and Storage Building  
**Analyst:** Amanda Mock

***Structure***

New Construction:	800 Sq. Ft. X	\$150.00 Sq. Ft. =	120,000
New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Built-in Equipment			0
Demolition			0
Information Technology	800 GSF X	\$0.00 GSF =	0
Telecommunications			0
Miscellaneous-Other			0
Miscellaneous-Other			0
Miscellaneous-Other			0
<b>SUBTOTAL</b>			<b>120,000</b>
Regional Factor:	115.0%		18,000
<b>SUBTOTAL</b>			<b>138,000</b>
Escalation to midpoint:	2.00 Yrs. X	9.0% =	18.00%
<b>TOTAL COST OF STRUCTURE (Bid Cost)</b>			<b>162,840</b>

***Site Work and Utilities***

Site Improvements:	871,000 + regional factor + mid-point escalation	1,181,947
Utilities:	31,000 + regional factor + mid-point escalation	42,067
<b>PROJECT SUBTOTAL (Bid Cost)</b>		<b>1,386,854</b>

***Fees and Miscellaneous Costs***

Green Building Premium	0.0%	0
Total Construction Contingency	5.0%	69,343
Inspection Cost:	4.6%	63,795
Miscellaneous: Critical Path Methodology		14,000
Miscellaneous: Permits		30,000
Miscellaneous:		0
A/E Fee through construction phase @	7.5%	114,311
<b>TOTAL COST OF PROJECT</b>		<b>1,678,303</b>

<b>Base cost per new square foot</b>	\$150
<b>Adjusted cost per new square foot (incl. escalation, contingencies &amp; Green Bldg.)</b>	\$214
<b>Base cost per renovated square foot</b>	\$0

**Capital Project Cost Estimate Worksheet**

**Department:** Department of Natural Resources  
**Project Number:** K00A05.10  
**Project Title:** Rocky Gap State Park - Bathhouse/Concession Building  
**Analyst:** Amanda Mock

***Structure***

New Construction:	3,850 Sq. Ft. X	\$400.00 Sq. Ft. =	1,540,000
New Construction:	2,000 Sq. Ft. X	\$400.00 Sq. Ft. =	800,000
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Built-in Equipment			150,000
Demolition			0
Information Technology	5,850 GSF X	\$0.00 GSF =	0
Telecommunications			0
Miscellaneous-Other			0
Miscellaneous-Other			0
Miscellaneous-Other			0
<b>SUBTOTAL</b>			<b>2,490,000</b>
Regional Factor:	115.0%		373,500
<b>SUBTOTAL</b>			<b>2,863,500</b>
Escalation to midpoint:	2.00 Yrs. X	9.0% =	18.00%
<b>TOTAL COST OF STRUCTURE (Bid Cost)</b>			<b>3,378,930</b>

***Site Work and Utilities***

Site Improvements:	214,500 + regional factor + mid-point escalation	291,077
Utilities:	124,500 + regional factor + mid-point escalation	168,947
<b>PROJECT SUBTOTAL (Bid Cost)</b>		<b>3,838,953</b>

***Fees and Miscellaneous Costs***

Green Building Premium	0.0%	0
Total Construction Contingency	5.0%	191,948
Inspection Cost:	4.6%	176,592
Miscellaneous: Critical Path Methodology		24,000
Miscellaneous: Permits, reviews		62,135
Miscellaneous:		0
A/E Fee through construction phase @	7.7%	322,069
<b>TOTAL COST OF PROJECT</b>		<b>4,615,697</b>

<b>Base cost per new square foot</b>	\$400
<b>Adjusted cost per new square foot (incl. escalation, contingencies &amp; Green Bldg.)</b>	\$570
<b>Base cost per renovated square foot</b>	\$0
<b>Adjusted cost per renovated square foot (incl. escalation, conting. &amp; Green Bldg.)</b>	\$0

**Capital Project Cost Estimate Worksheet**

**Department:** Department of Natural Resources  
**Project Number:** K00A05.10  
**Project Title:** Rocky Gap State Park - Water Treatment Plant Upgrade  
**Analyst:** Amanda Mock

***Structure***

New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Built-in Equipment			0
Demolition			0
Information Technology	0 GSF X	\$0.00 GSF =	0
Telecommunications			0
Miscellaneous-Other			0
Miscellaneous-Other			0
Miscellaneous-Other			0
<b>SUBTOTAL</b>			<b>0</b>
Regional Factor:	115.0%		0
<b>SUBTOTAL</b>			<b>0</b>
Escalation to midpoint:	2.42 Yrs. X	8.8% =	21.33%
<b>TOTAL COST OF STRUCTURE (Bid Cost)</b>			<b>0</b>

***Site Work and Utilities***

Site Improvements:	0 + regional factor + mid-point escalation	0
Utilities:	360,000 + regional factor + mid-point escalation	502,320
<b>PROJECT SUBTOTAL (Bid Cost)</b>		<b>502,320</b>

***Fees and Miscellaneous Costs***

Green Building Premium	0.0%	
Total Construction Contingency	10.8%	54,048
Inspection Cost:	9.1%	45,609
Miscellaneous:	Maryland Environmental Serv. Inspection	35,000
Miscellaneous:		0
Miscellaneous:		0
A/E Fee through construction phase @	15.2%	91,520
<b>TOTAL COST OF PROJECT</b>		<b>728,497</b>

<b>Base cost per new square foot</b>	\$0
<b>Adjusted cost per new square foot (incl. escalation, contingencies &amp; Green Bldg.)</b>	\$0
<b>Base cost per renovated square foot</b>	\$0
<b>Adjusted cost per renovated square foot (incl. escalation, conting. &amp; Green Bldg.)</b>	\$0

**Capital Project Cost Estimate Worksheet**

**Department:** Department of Natural Resources  
**Project Number:** K00A05.10  
**Project Title:** Sandy Point – Relocation of Area 3 Natural Resources  
 Police Office Facility  
**Analyst:** Amanda Mock

***Structure***

New Construction:	1,500 Sq. Ft. X	\$150.00 Sq. Ft. =	225,000
New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Built-in Equipment			0
Demolition			0
Information Technology	1,500 GSF X	\$10.00 GSF =	15,000
Telecommunications			0
Miscellaneous-Other	Foundation package		50,000
Miscellaneous-Other			0
Miscellaneous-Other			0
<b>SUBTOTAL</b>			<b>290,000</b>
Regional Factor:	100.0%		0
<b>SUBTOTAL</b>			<b>290,000</b>
Escalation to midpoint:	1.83 Yrs. X	9.1% =	16.67%
<b>TOTAL COST OF STRUCTURE (Bid Cost)</b>			<b>338,333</b>

***Site Work and Utilities***

Site Improvements:	134,500 + regional factor + mid-point escalation	156,917
Utilities:	169,500 + regional factor + mid-point escalation	197,750
<b>PROJECT SUBTOTAL (Bid Cost)</b>		<b>693,000</b>

***Fees and Miscellaneous Costs***

Green Building Premium	0.0%	0
Total Construction Contingency	5.0%	34,651
Inspection Cost:	4.6%	31,879
Miscellaneous: Critical Path Methodology		6,000
Miscellaneous:		0
Miscellaneous:		0
A/E Fee through construction phase @	7.2%	54,575
<b>TOTAL COST OF PROJECT</b>		<b>820,105</b>

<b>Base cost per new square foot</b>	\$150
<b>Adjusted cost per new square foot (incl. escalation, contingencies &amp; Green Bldg.)</b>	\$184
<b>Base cost per renovated square foot</b>	\$0
<b>Adjusted cost per renovated square foot (incl. escalation, conting. &amp; Green Bldg.)</b>	\$0

**Capital Project Cost Estimate Worksheet**

**Department:** Department of Natural Resources  
**Project Number:** K00A05.10  
**Project Title:** North Point State Park - Bayshore Pier Restoration  
**Analyst:** Amanda Mock

***Structure***

New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Built-in Equipment			0
Demolition			0
Information Technology	0 GSF X	\$0.00 GSF =	0
Telecommunications			0
Miscellaneous-Other			0
Miscellaneous-Other			0
Miscellaneous-Other			0
<b>SUBTOTAL</b>			<b>0</b>
Regional Factor:	100.0%		0
<b>SUBTOTAL</b>			<b>0</b>
Escalation to midpoint:	2.75 Yrs. X	7.9% =	21.75%
<b>TOTAL COST OF STRUCTURE (Bid Cost)</b>			<b>0</b>

***Site Work and Utilities***

Site Improvements:	1,300,000 + regional factor + mid-point escalation	1,582,750
Utilities:	75,000 + regional factor + mid-point escalation	91,313
<b>PROJECT SUBTOTAL (Bid Cost)</b>		<b>1,674,063</b>

***Fees and Miscellaneous Costs***

Green Building Premium	0.0%	0
Total Construction Contingency	5.0%	83,703
Inspection Cost:	4.6%	77,007
Miscellaneous: Critical Path Methodology		12,000
Miscellaneous:		0
Miscellaneous:		0
A/E Fee through construction phase @	5.4%	98,435
<b>TOTAL COST OF PROJECT</b>		<b>1,945,208</b>

<b>Base cost per new square foot</b>	\$0
<b>Adjusted cost per new square foot (incl. escalation, contingencies &amp; Green Bldg.)</b>	\$0
<b>Base cost per renovated square foot</b>	\$0
<b>Adjusted cost per renovated square foot (incl. escalation, conting. &amp; Green Bldg.)</b>	\$0

**Capital Project Cost Estimate Worksheet**

**Department:** Department of Natural Resources  
**Project Number:** K00A05.10  
**Project Title:** Tuckahoe State Park - Upper Chesapeake Rail Trail Connector  
**Analyst:** Amanda Mock

***Structure***

New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Built-in Equipment			0
Demolition			0
Information Technology	0 GSF X	\$0.00 GSF =	0
Telecommunications			0
Miscellaneous-Other			0
Miscellaneous-Other			0
Miscellaneous-Other			0
<b>SUBTOTAL</b>			<b>0</b>
Regional Factor:	125.0%		0
<b>SUBTOTAL</b>			<b>0</b>
Escalation to midpoint:	3.08 Yrs. X	7.6% =	23.42%
<b>TOTAL COST OF STRUCTURE (Bid Cost)</b>			<b>0</b>

***Site Work and Utilities***

Site Improvements:	750,000 + regional factor + mid-point escalation	1,157,031
Utilities:	0 + regional factor + mid-point escalation	0
<b>PROJECT SUBTOTAL (Bid Cost)</b>		<b>1,157,031</b>

***Fees and Miscellaneous Costs***

Green Building Premium	0.0%	0
Total Construction Contingency	5.0%	57,853
Inspection Cost:	4.6%	53,225
Miscellaneous: Critical Path Methodology		12,000
Miscellaneous: Reviews, Permits		50,000
Miscellaneous:		0
A/E Fee through construction phase @	11.0%	139,715
<b>TOTAL COST OF PROJECT</b>		<b>1,469,824</b>

<b>Base cost per new square foot</b>	\$0
<b>Adjusted cost per new square foot (incl. escalation, contingencies &amp; Green Bldg.)</b>	\$0
<b>Base cost per renovated square foot</b>	\$0
<b>Adjusted cost per renovated square foot (incl. escalation, conting. &amp; Green Bldg.)</b>	\$0

**Capital Project Cost Estimate Worksheet**

**Department:** Department of Natural Resources  
**Project Number:** K00A05.10  
**Project Title:** Cedarville Fish Hatchery Pipe Replacement/Pond Relining  
**Analyst:** Amanda Mock

***Structure***

New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Built-in Equipment			0
Demolition			0
Information Technology	0 GSF X	\$0.00 GSF =	0
Telecommunications			0
Miscellaneous-Other			0
Miscellaneous-Other			0
Miscellaneous-Other			0
<b>SUBTOTAL</b>			<b>0</b>
Regional Factor:	125.0%		0
<b>SUBTOTAL</b>			<b>0</b>
Escalation to midpoint:	3.42 Yrs. X	7.3% =	25.08%
<b>TOTAL COST OF STRUCTURE (Bid Cost)</b>			<b>0</b>

***Site Work and Utilities***

Site Improvements:	785,000 + regional factor + mid-point escalation	1,227,380
Utilities:	0 + regional factor + mid-point escalation	0
<b>PROJECT SUBTOTAL (Bid Cost)</b>		<b>1,227,380</b>

***Fees and Miscellaneous Costs***

Green Building Premium	0.0%	0
Total Construction Contingency	5.0%	61,387
Inspection Cost:	4.6%	56,458
Miscellaneous: Critical Path Methodology		25,000
Miscellaneous: Permits		26,000
Miscellaneous:		0
A/E Fee through construction phase @	9.6%	128,871
<b>TOTAL COST OF PROJECT</b>		<b>1,525,096</b>

<b>Base cost per new square foot</b>	\$0
<b>Adjusted cost per new square foot (incl. escalation, contingencies &amp; Green Bldg.)</b>	\$0
<b>Base cost per renovated square foot</b>	\$0
<b>Adjusted cost per renovated square foot (incl. escalation, conting. &amp; Green Bldg.)</b>	\$0

**Capital Project Cost Estimate Worksheet**

**Department:** Department of Natural Resources  
**Project Number:** K00A05.10  
**Project Title:** Myrtle Grove Natural Resources Management Area –  
 New Maintenance Shop  
**Analyst:** Amanda Mock

***Structure***

New Construction:	1,800 Sq. Ft. X	\$270.00 Sq. Ft. =	486,000
New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Built-in Equipment			0
Demolition			0
Information Technology	1,800 GSF X	\$0.00 GSF =	0
Telecommunications			0
Miscellaneous-Other	Built-in Equipment		55,000
Miscellaneous-Other			0
Miscellaneous-Other			0
<b>SUBTOTAL</b>			<b>541,000</b>
Regional Factor:	100.0%		0
<b>SUBTOTAL</b>			<b>541,000</b>
Escalation to midpoint:	1.83 Yrs. X	9.1% =	16.67%
<b>TOTAL COST OF STRUCTURE (Bid Cost)</b>			<b>631,167</b>

***Site Work and Utilities***

Site Improvements:	27,050 + regional factor + mid-point escalation	31,558
Utilities:	27,050 + regional factor + mid-point escalation	31,558
<b>PROJECT SUBTOTAL (Bid Cost)</b>		<b>694,283</b>

***Fees and Miscellaneous Costs***

Green Building Premium	0.0%	0
Total Construction Contingency	5.0%	34,715
Inspection Cost:	4.6%	31,938
Miscellaneous:	Critical Path Methodology	9,000
Miscellaneous:		0
Miscellaneous:		0
A/E Fee through construction phase @	3.9%	29,990
<b>TOTAL COST OF PROJECT</b>		<b>799,926</b>

<b>Base cost per new square foot</b>	\$270
<b>Adjusted cost per new square foot (incl. escalation, contingencies &amp; Green Bldg.)</b>	\$331
<b>Base cost per renovated square foot</b>	\$0
<b>Adjusted cost per renovated square foot (incl. escalation, conting. &amp; Green Bldg.)</b>	\$0

**Capital Project Cost Estimate Worksheet**

**Department:** Department of Natural Resources  
**Project Number:** K00A05.10  
**Project Title:** Deep Creek Lake Shower Building  
**Analyst:** Amanda Mock

***Structure***

New Construction:	1,050 Sq. Ft. X	\$450.00 Sq. Ft. =	472,500
New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Built-in Equipment			0
Demolition			0
Information Technology	1,050 GSF X	\$0.00 GSF =	0
Telecommunications			0
Miscellaneous-Other	Built-in Equipment		25,000
Miscellaneous-Other			0
Miscellaneous-Other			0
<b>SUBTOTAL</b>			<b>497,500</b>
Regional Factor:	115.0%		74,625
<b>SUBTOTAL</b>			<b>572,125</b>
Escalation to midpoint:	3.50 Yrs. X	7.3% =	25.50%
<b>TOTAL COST OF STRUCTURE (Bid Cost)</b>			<b>718,017</b>

***Site Work and Utilities***

Site Improvements:	39,875 + regional factor + mid-point escalation	57,550
Utilities:	24,875 + regional factor + mid-point escalation	35,901
<b>PROJECT SUBTOTAL (Bid Cost)</b>		<b>811,467</b>

***Fees and Miscellaneous Costs***

Green Building Premium	0.0%	0
Total Construction Contingency	5.0%	40,573
Inspection Cost:	4.6%	37,237
Miscellaneous: Permits		25,000
Miscellaneous: Critical Path Methodology		21,000
Miscellaneous:		0
A/E Fee through construction phase @	10.1%	89,464
<b>TOTAL COST OF PROJECT</b>		<b>1,024,741</b>

<b>Base cost per new square foot</b>	\$450
<b>Adjusted cost per new square foot (incl. escalation, contingencies &amp; Green Bldg.)</b>	\$682
<b>Base cost per renovated square foot</b>	\$0
<b>Adjusted cost per renovated square foot (incl. escalation, conting. &amp; Green Bldg.)</b>	\$0

**Capital Project Cost Estimate Worksheet**

**Department:** Department of Natural Resources  
**Project Number:** K00A05.10  
**Project Title:** Susquehanna State Park - Shower Building Renovations  
**Analyst:** Amanda Mock

***Structure***

New Construction:	180 Sq. Ft. X	\$400.00 Sq. Ft. =	72,000
New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	2,000 Sq. Ft. X	\$150.00 Sq. Ft. =	300,000
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Built-in Equipment			0
Demolition			0
Information Technology	180 GSF X	\$0.00 GSF =	0
Telecommunications			0
Miscellaneous-Other	Asbestos Removal		15,000
Miscellaneous-Other	Built-in equipment		25,000
Miscellaneous-Other	Inerior Demolition		15,000
<b>SUBTOTAL</b>			<b>427,000</b>
Regional Factor:	100.0%		0
<b>SUBTOTAL</b>			<b>427,000</b>
Escalation to midpoint:	3.08 Yrs. X	7.6% =	23.42%
<b>TOTAL COST OF STRUCTURE (Bid Cost)</b>			<b>526,989</b>

***Site Work and Utilities***

Site Improvements:	41,350 + regional factor + mid-point escalation	51,033
Utilities:	21,350 + regional factor + mid-point escalation	26,349
<b>PROJECT SUBTOTAL (Bid Cost)</b>		<b>604,371</b>

***Fees and Miscellaneous Costs***

Green Building Premium	0.0%	0
Total Construction Contingency	5.0%	30,219
Inspection Cost:	4.6%	27,802
Miscellaneous:	Critical Path Methodology	16,000
Miscellaneous:	Permits	15,000
Miscellaneous:		0
A/E Fee through construction phase @	10.1%	66,634
<b>TOTAL COST OF PROJECT</b>		<b>760,026</b>

<b>Base cost per new square foot</b>	\$400
<b>Adjusted cost per new square foot (incl. escalation, contingencies &amp; Green Bldg.)</b>	\$518
<b>Base cost per renovated square foot</b>	\$150
<b>Adjusted cost per renovated square foot (incl. escalation, conting. &amp; Green Bldg.)</b>	\$194

**Capital Project Cost Estimate Worksheet**

**Department:** Department of Natural Resources  
**Project Number:** K00A05.10  
**Project Title:** Jane's Island State Park- Nature Center Renovations/Improvements  
**Analyst:** Amanda Mock

***Structure***

New Construction:	768 Sq. Ft. X	\$400.00 Sq. Ft. =	307,200
New Construction:	120 Sq. Ft. X	\$175.00 Sq. Ft. =	21,000
Renovation:	750 Sq. Ft. X	\$100.00 Sq. Ft. =	75,000
Renovation:	1,440 Sq. Ft. X	\$75.00 Sq. Ft. =	108,000
Built-in Equipment			0
Demolition			0
Information Technology	888 GSF X	\$0.00 GSF =	0
Telecommunications			0
Miscellaneous-Other	Built-in Equipment		50,000
Miscellaneous-Other			0
Miscellaneous-Other			0
<b>SUBTOTAL</b>			<b>561,200</b>
Regional Factor:	125.0%		140,300
<b>SUBTOTAL</b>			<b>701,500</b>
Escalation to midpoint:	3.33 Yrs. X	7.4% =	24.67%
			173,037
<b>TOTAL COST OF STRUCTURE (Bid Cost)</b>			<b>874,537</b>

***Site Work and Utilities***

Site Improvements:	213,060 + regional factor + mid-point escalation	332,019
Utilities:	63,060 + regional factor + mid-point escalation	98,269
<b>PROJECT SUBTOTAL (Bid Cost)</b>		<b>1,304,824</b>

***Fees and Miscellaneous Costs***

Green Building Premium	0.0%	0
Total Construction Contingency	5.0%	65,243
Inspection Cost:	4.6%	60,023
Miscellaneous:	Critical Path Methodology	24,000
Miscellaneous:	Cabin Design	65,000
Miscellaneous:	Permits	25,000
A/E Fee through construction phase @	9.6%	137,010
<b>TOTAL COST OF PROJECT</b>		<b>1,681,100</b>

<b>Base cost per new square foot</b>	\$400
<b>Adjusted cost per new square foot (incl. escalation, contingencies &amp; Green Bldg.)</b>	\$655
<b>Base cost per renovated square foot</b>	\$100
<b>Adjusted cost per renovated square foot (incl. escalation, conting. &amp; Green Bldg.)</b>	\$164

**Capital Project Cost Estimate Worksheet**

**Department:** Department of Natural Resources  
**Project Number:** K00A05.10  
**Project Title:** Point Lookout State Park Office Renovation  
**Analyst:** Amanda Mock

***Structure***

New Construction:	1,320 Sq. Ft. X	\$375.00 Sq. Ft. =	495,000
New Construction:	1,320 Sq. Ft. X	\$110.00 Sq. Ft. =	145,200
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Built-in Equipment			0
Demolition			0
Information Technology	2,640 GSF X	\$3.79 GSF =	10,000
Telecommunications			0
Miscellaneous-Other	Asbestos Removal		10,000
Miscellaneous-Other	Interior Demolition		10,000
Miscellaneous-Other	Built-in Equipment		25,000
<b>SUBTOTAL</b>			<b>695,200</b>
Regional Factor:	125.0%		173,800
<b>SUBTOTAL</b>			<b>869,000</b>
Escalation to midpoint:	3.33 Yrs. X	7.4% =	24.67%
<b>TOTAL COST OF STRUCTURE (Bid Cost)</b>			<b>1,083,354</b>

***Site Work and Utilities***

Site Improvements:	34,760 + regional factor + mid-point escalation	54,168
Utilities:	34,760 + regional factor + mid-point escalation	54,168
<b>PROJECT SUBTOTAL (Bid Cost)</b>		<b>1,191,689</b>

***Fees and Miscellaneous Costs***

Green Building Premium	0.0%	0
Total Construction Contingency	5.0%	59,586
Inspection Cost:	4.6%	54,819
Miscellaneous:		0
Miscellaneous:	Critical Path Methodology	24,000
Miscellaneous:	Permits	50,000
A/E Fee through construction phase @	9.6%	125,130
<b>TOTAL COST OF PROJECT</b>		<b>1,505,224</b>

<b>Base cost per new square foot</b>	\$375
<b>Adjusted cost per new square foot (incl. escalation, contingencies &amp; Green Bldg.)</b>	\$614
<b>Base cost per renovated square foot</b>	\$0
<b>Adjusted cost per renovated square foot (incl. escalation, conting. &amp; Green Bldg.)</b>	\$0

**Capital Project Cost Estimate Worksheet**

**Department:** Department of Natural Resources  
**Project Number:** K00A05.10  
**Project Title:** Black Walnut Point, NRMA – Shore Erosion Control  
**Analyst:** Amanda Mock

***Structure***

New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Built-in Equipment			0
Demolition			0
Information Technology	0 GSF X	\$0.00 GSF =	0
Telecommunications			0
Miscellaneous-Other			0
Miscellaneous-Other			0
Miscellaneous-Other			0
<b>SUBTOTAL</b>			<b>0</b>
Regional Factor:	125.0%		0
<b>SUBTOTAL</b>			<b>0</b>
Escalation to midpoint:	3.08 Yrs. X	7.6% =	23.42%
<b>TOTAL COST OF STRUCTURE (Bid Cost)</b>			<b>0</b>

***Site Work and Utilities***

Site Improvements:	915,000 + regional factor + mid-point escalation	1,411,578
Utilities:	0 + regional factor + mid-point escalation	0
<b>PROJECT SUBTOTAL (Bid Cost)</b>		<b>1,411,578</b>

***Fees and Miscellaneous Costs***

Green Building Premium	0.0%	0
Total Construction Contingency	5.0%	70,581
Inspection Cost:	4.6%	64,934
Miscellaneous: Critical Path Methodology		12,000
Miscellaneous:		0
Miscellaneous:		0
A/E Fee through construction phase @	5.7%	88,932
<b>TOTAL COST OF PROJECT</b>		<b>1,648,025</b>

<b>Base cost per new square foot</b>	\$0
<b>Adjusted cost per new square foot (incl. escalation, contingencies &amp; Green Bldg.)</b>	\$0
<b>Base cost per renovated square foot</b>	\$0
<b>Adjusted cost per renovated square foot (incl. escalation, conting. &amp; Green Bldg.)</b>	\$0

**Capital Project Cost Estimate Worksheet**

**Department:** Department of Natural Resources  
**Project Number:** K00A05.10  
**Project Title:** Assateague State Park – Nature Center Replacement  
**Analyst:** Amanda Mock

***Structure***

New Construction:	2,400 Sq. Ft. X	\$350.00 Sq. Ft. =	840,000
New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Built-in Equipment			0
Demolition			0
Information Technology	2,400 GSF X	\$0.00 GSF =	0
Telecommunications			0
Miscellaneous-Other	Built-in Equipment		50,000
Miscellaneous-Other			0
Miscellaneous-Other			0
<b>SUBTOTAL</b>			<b>890,000</b>
Regional Factor:	125.0%		222,500
<b>SUBTOTAL</b>			<b>1,112,500</b>
Escalation to midpoint:	3.42 Yrs. X	7.3% =	25.08%
<b>TOTAL COST OF STRUCTURE (Bid Cost)</b>			<b>1,391,552</b>

***Site Work and Utilities***

Site Improvements:	244,500 + regional factor + mid-point escalation	382,286
Utilities:	94,500 + regional factor + mid-point escalation	147,755
<b>PROJECT SUBTOTAL (Bid Cost)</b>		<b>1,921,593</b>

***Fees and Miscellaneous Costs***

Green Building Premium	0.0%	0
Total Construction Contingency	5.0%	96,077
Inspection Cost:	4.6%	88,391
Miscellaneous: Permits		47,000
Miscellaneous: Critical Path Methodology		24,000
Miscellaneous: Building Commissioning		20,873
A/E Fee through construction phase @	11.0%	232,026
<b>TOTAL COST OF PROJECT</b>		<b>2,429,960</b>

<b>Base cost per new square foot</b>	\$350
<b>Adjusted cost per new square foot (incl. escalation, contingencies &amp; Green Bldg.)</b>	\$575
<b>Base cost per renovated square foot</b>	\$0
<b>Adjusted cost per renovated square foot (incl. escalation, conting. &amp; Green Bldg.)</b>	\$0

**Capital Project Cost Estimate Worksheet**

**Department:** Department of Natural Resources  
**Project Number:** K00A05.10  
**Project Title:** Pocomoke River State Park – Milburn Landing Bathhouse Replacement  
**Analyst:** Amanda Mock

**Structure**

New Construction:	1,050 Sq. Ft. X	\$450.00 Sq. Ft. =	472,500
New Construction:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Renovation:	0 Sq. Ft. X	\$0.00 Sq. Ft. =	0
Built-in Equipment			0
Demolition			0
Information Technology	1,050 GSF X	\$0.00 GSF =	0
Telecommunications			0
Miscellaneous-Other	Built-in Equipment		25,000
Miscellaneous-Other			0
Miscellaneous-Other			0
<b>SUBTOTAL</b>			<b>497,500</b>
Regional Factor:	125.0%		124,375
<b>SUBTOTAL</b>			<b>621,875</b>
Escalation to midpoint:	3.25 Yrs. X	7.5% =	24.25%
<b>TOTAL COST OF STRUCTURE (Bid Cost)</b>			<b>772,680</b>

**Site Work and Utilities**

Site Improvements:	39,875 + regional factor + mid-point escalation	61,931
Utilities:	69,875 + regional factor + mid-point escalation	108,525
<b>PROJECT SUBTOTAL (Bid Cost)</b>		<b>943,135</b>

**Fees and Miscellaneous Costs**

Green Building Premium	0.0%	0
Total Construction Contingency	5.0%	47,157
Inspection Cost:	4.6%	43,384
Miscellaneous:	Critical Path Methodology	22,000
Miscellaneous:	Permits	25,000
Miscellaneous:		0
A/E Fee through construction phase @	10.1%	103,980
<b>TOTAL COST OF PROJECT</b>		<b>1,184,656</b>

<b>Base cost per new square foot</b>	\$450
<b>Adjusted cost per new square foot (incl. escalation, contingencies &amp; Green Bldg.)</b>	\$734
<b>Base cost per renovated square foot</b>	\$0
<b>Adjusted cost per renovated square foot (incl. escalation, conting. &amp; Green Bldg.)</b>	\$0

## ***Rural Legacy Program (Statewide)***

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<b>General Funds</b>	<b>\$5,000,000</b>	<b>Recommendation:</b>	<b>Disapprove \$5.0 million in general funds</b>
<b>PAYGO SF</b>	<b>\$20,921,355</b>		

**Bill Text:** Provide funds for the purchase of conservation easements and the acquisition of land. The funds appropriated for this purpose shall be administered in accordance with Sections 5-9A-01 through 5-9A-07 of the Natural Resources Article.

**Program Description:** The purpose of the Rural Legacy Program is to protect agricultural and natural resources land from sprawl development and thus to promote resource-based economies and to develop greenbelts. Program funds are used to purchase conservation easements on land. Under 5-9A-09 of the Natural Resources Article, the Governor is required to include at least \$5.0 million in the annual capital budget for the Rural Legacy Program.

A board composed of the Secretaries of the Departments of Natural Resources (DNR), Planning, and Agriculture administers Rural Legacy. Local governments, or land trusts with endorsements from local governments, may submit applications for designation as a Rural Legacy area. These local governments and land trusts are Rural Legacy sponsors. An advisory committee appointed by the Governor and confirmed by the Senate reviews applications and makes recommendations to the Rural Legacy Board.

In order to qualify as a Rural Legacy area, an application must meet the following criteria associated with the area, plan, and parties to the proposal:

- The proposal must address the goals and objectives of the program. Specifically, the area must protect agricultural, natural, and cultural resources and enhance the completion of ongoing land protection efforts. The program considers the size of the land and its proximity to existing greenbelts.
- The proposal must be realistic in its ability to achieve the easement or land acquisition. There should be a reasonable plan and strategy for the phasing of the conservation efforts set forth in the proposal.
- The parties involved, including the sponsor and the local governmental entity, should be willing to donate financial and personnel support in order to ensure timely and efficient acquisition, management, and monitoring.

**Year Program Began:** 1998

*K00A05 – Department of Natural Resources – PAYGO*

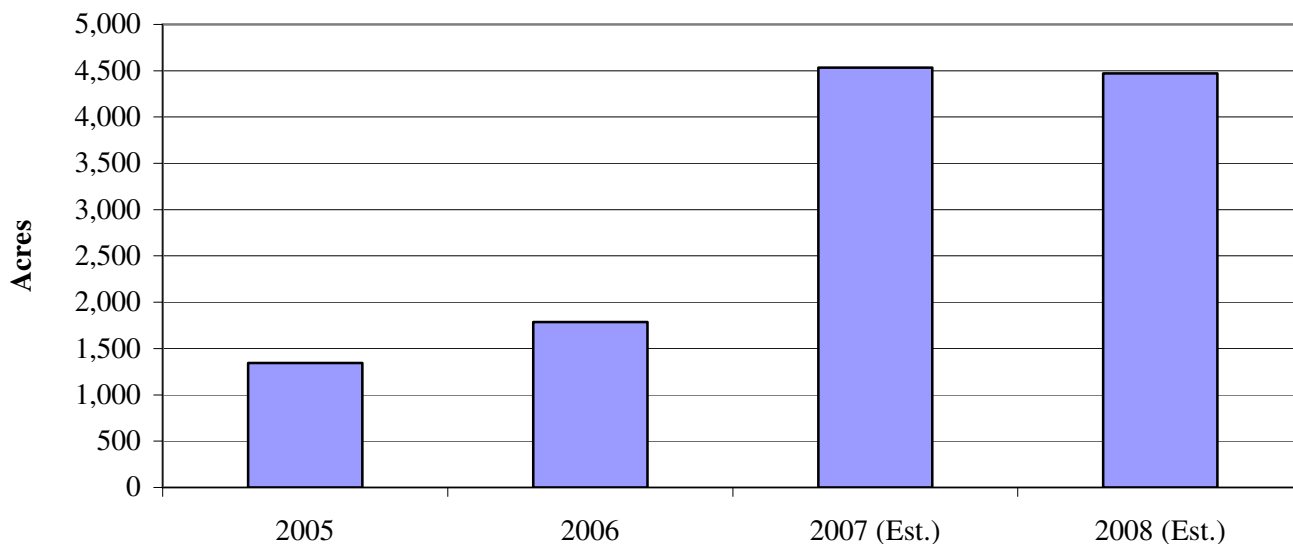
**Comments:** The fiscal 2008 allowance provides \$20.9 million in special funds and \$5.0 million in general funds for the Rural Legacy Program. These funds would be used to preserve an estimated 4,200 acres. The fiscal 2008 allowance is roughly equal to the programs fiscal 2007 funding level. The provision of \$5.0 million in general funds in fiscal 2008 is a departure from the 2006 *Capital Improvement Program* which assumed \$5.0 million in general obligation (GO) bond funds would be provided.

The 2007 *Capital Improvement Program* indicates that in future years the Rural Legacy program will receive \$5.0 million annually in general obligation bonds and approximately \$16.8 million annually in transfer tax special funds. This reflects the full estimated amount of Rural Legacy funding available in accordance with the statutory formula for distribution of transfer tax revenue.

**Program Performance Analysis:** As illustrated in **Exhibit 8**, DNR is anticipating an increasing number of Rural Legacy easement and fee simple acres to be approved by the Board of Public Works (BPW) in fiscal 2007 and 2008. **DNR should discuss whether it still anticipates securing BPW approval for 4,535 acres in fiscal 2007, as well as the impact recent staff turnover has had on the program.**

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**Exhibit 8**  
**Rural Legacy Easement and Fee Simple Acres**  
**Approved by BPW**  
**Fiscal 2005-2008**



Sources: Governor's Budget Books, Fiscal 2007-2008

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## ***Rural Legacy Fund Data***

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(\$ in Millions)

<i>Description</i>	<i>2006 Approp.</i>	<i>2007 Approp.</i>	<i>2008 Request</i>	<i>2009 Estimate</i>	<i>2010 Estimate</i>	<i>2011 Estimate</i>	<i>2012 Estimate</i>
PAYGO GF	\$0.000	\$0.000	\$5.000	\$0.000	\$0.000	\$0.000	\$0.000
PAYGO SF	14.022	26.050	20.921	14.100	17.500	17.700	18.000
GO Bonds	0.000	0.000	0.000	5.000	5.000	5.000	5.000
<b>Total</b>	<b>\$14.022</b>	<b>\$26.050</b>	<b>\$25.921</b>	<b>\$19.100</b>	<b>\$22.500</b>	<b>\$22.700</b>	<b>\$23.000</b>

## ***Recommended Actions***

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	<b><u>Amount Reduction</u></b>
1. Delete \$5.0 million in general funds for the Rural Legacy Program. With this reduction, \$20.9 million would still be provided for the program, which is \$5.0 million less than in fiscal 2007, but considerably more than the program's \$14.0 million fiscal 2006 appropriation.	\$ 5,000,000 GF
<b>Total General Fund Reductions</b>	<b>\$ 5,000,000</b>

## ***Fiscal 2008 Proposed Rural Legacy Projects***

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Not available.

## ***Fiscal 2007 Rural Legacy Project Status***

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<b><u>County</u></b>	<b><u>Rural Legacy Area</u></b>	<b><u>Amount</u></b>
Baltimore	Gunpowder	\$500,000
Baltimore	Piney Run	3,700,000
Caroline, Cecil, Dorchester, Kent, Talbot	Agricultural Security Corridor	750,000
Carroll	Little Pipe Creek	1,000,000
Carroll	Upper Patapsco Watershed	500,000
Cecil	Fair Hill	3,000,000
Charles	Zekiah Watershed	3,000,000
Dorchester	Nanticoke	2,100,000
Frederick	Carrollton Manor	500,000
Frederick	Mid-Maryland Frederick	750,000
Garrett	Bear Creek	1,000,000
Harford	Lower Deer Creek	2,000,000
Montgomery	Mid-Maryland Montgomery	1,200,000
Queen Anne's	Chino Farms/Foreman Branch	750,000
Queen Anne's	Lands End	1,000,000
St. Mary's	Mattapany	1,500,000
Washington	Mid-Maryland Washington	1,800,000
Wicomico	Quantico Creek	750,000
Worcester	Coastal Bays	250,000
	<b>Total</b>	<b>\$26,050,000</b>

**Ocean City Beach Maintenance Local Share (Worcester County)**

**PAYGO SF**                                      **\$1,000,000**                                      **Recommendation: Approve**

**Program Description:** The Ocean City Beach Maintenance Fund was established to fund annual maintenance for the Ocean City beach replenishment project. When the fund was established, the State entered into a funding agreement with Worcester County and Ocean City. The funding agreement stipulates that the following amounts be provided annually: not less than \$1.0 million from the State and not less than \$500,000 each from the county and the city. Periodic nourishment is deemed the most cost-effective method of maintaining the beach over a 50-year period. Transfer tax revenue within Program Open Space (POS) is used to fund the State’s contribution to this effort.

Replenishment of the Ocean City beach is usually done on a four-year cycle. The last major replenishment was completed in November 2006 – approximately 931,000 cubic yards of sand was placed on the beach. The effort included a majority of the beach, but most of the material was placed in three areas: 138<sup>th</sup> Street to 146<sup>th</sup> Street; 75<sup>th</sup> Street to 94<sup>th</sup> Street; and 29<sup>th</sup> Street to 36<sup>th</sup> Street. The U.S. Army Corps of Engineers is responsible for developing estimates, plans, and managing construction contracts for the periodic nourishment efforts. The next periodic nourishment project is scheduled for 2010.

The Corps cost estimate for the 2006 project was \$9.1 million, but the actual cost was just under \$8.0 million. The local share of this total periodic nourishment cost was shared by the State (50% – \$1.9 million), Ocean City (25% – approximately \$940,000), and Worcester County (25% – approximately \$940,000). Annual maintenance items, such as grass planting and fence repairs are also the responsibility of the State (50%), Ocean City (25%), and Worcester County (25%). These costs have averaged approximately \$300,000 annually.

**Comments:** The fiscal 2008 POS critical maintenance/capital development allowance includes \$1.0 million in transfer tax special fund revenue for the State’s share of costs for Ocean City beach maintenance. The \$1.0 million in special funds provided for in this section of the analysis represents Worcester County’s and Ocean City’s funding for their share of the maintenance costs.

Although President George W. Bush’s annual budget requests have not included federal funds, the U.S. Congress usually reinstates funding for this project. If no federal funding is ultimately available, then the State, Ocean City, and Worcester County would need to assume the federal government’s 53% share of the project costs.

## Ocean City Beach Maintenance Fund Data

### Fund History

	<i>FY 2006 Actual</i>	<i>FY 2007 Estimated</i>	<i>FY 2008 Estimated</i>
<b>Beginning Balance</b>	<b>\$13,072,046</b>	<b>\$10,427,008</b>	<b>\$11,877,008</b>
<b>REVENUE</b>			
Worcester County	404,725	349,236	340,000
State Share (Program Open Space)	1,000,000	1,000,000	1,000,000
Town of Ocean City	405,484	350,434	342,000
Interest	189,791	300,330	318,000
<b>TOTAL REVENUE</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>
<b>TOTAL AVAILABLE</b>	<b>\$15,072,046</b>	<b>\$12,427,008</b>	<b>\$13,877,008</b>
<b>ENCUMBRANCES</b>			
Encumbrances	\$0	\$550,000	\$350,000
Expenditures	4,645,038	0	0
<b>TOTAL ENCUMBRANCES</b>	<b>\$4,645,038</b>	<b>\$550,000</b>	<b>\$350,000</b>
<b>Ending Balance</b>	<b>\$10,427,008</b>	<b>\$11,877,008</b>	<b>\$13,527,008</b>

(\$ in Millions)

<i>Description</i>	<i>2006 Approp.</i>	<i>2007 Approp.</i>	<i>2008 Request</i>	<i>2009 Estimate</i>	<i>2010 Estimate</i>	<i>2011 Estimate</i>	<i>2012 Estimate</i>
<b>PAYGO SF</b>	<b>\$1.000</b>	<b>\$1.000</b>	<b>\$1.000</b>	<b>\$1.000</b>	<b>\$1.000</b>	<b>\$1.000</b>	<b>\$1.000</b>

## Recommended Actions

1. Concur with Governor's allowance.

**Waterway Improvement Program (Statewide)**

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PAYGO SF                      \$26,700,000              **Recommendation: Approve**  
PAYGO FF                      \$1,000,000

**Program Description:** The Waterway Improvement Fund finances projects to expand and improve public boating access throughout the State. Financial support to the fund is derived primarily from the 5% excise tax paid on the sale of motorized vessels within the State and, to a lesser extent, from 0.3% of the eligible proceeds from Maryland's motor fuel tax. Funding is provided in the form of grants and/or long-term, interest free loans to local governments, the Department of Natural Resources (DNR), and some federal government agencies, as follows:

- grants (100%) not to exceed \$5,000;
- grants (100%) less than \$100,000;
- public navigation improvement grants (100%) of unlimited amounts;
- matching grants (50%) that are equal to or exceed \$100,000; and
- interest free loans (100%) with a 25-year maximum.

**Year Program Began:** 1966

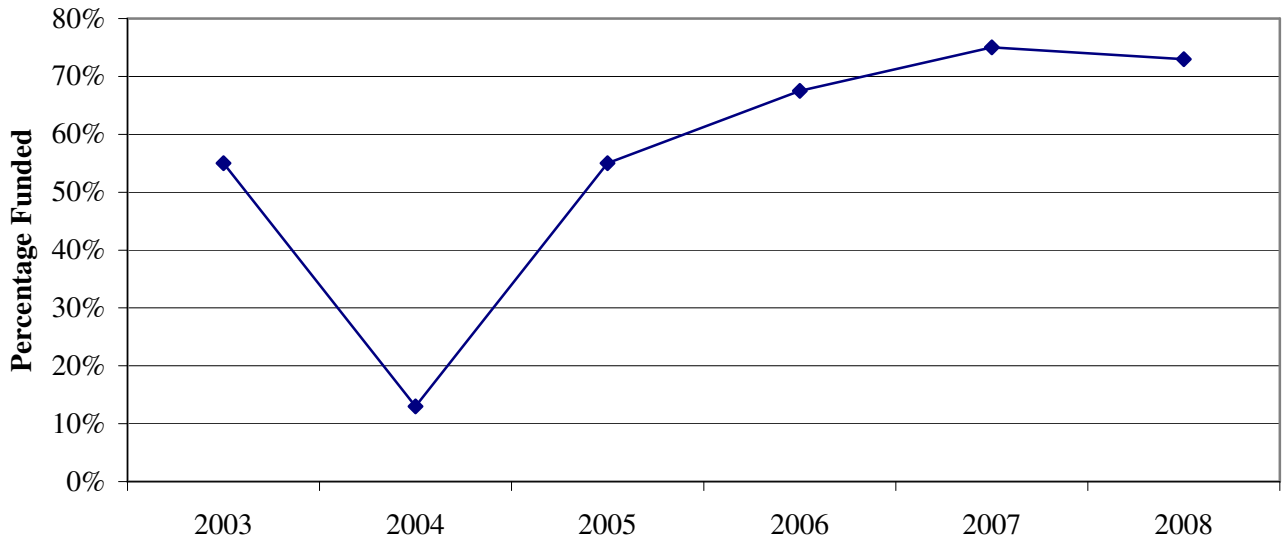
**Comments:** The fiscal 2008 allowance provides \$27.7 million for 130 waterway projects around the State. In fiscal 2008, DNR anticipates that boat excise tax revenue will remain robust and the U.S. Fish and Wildlife Service will provide grant funding from the Boating Access and Boating Infrastructure grants program. The program's fiscal 2008 funding would be allocated to the following categories of projects:

<u>Category</u>	<u>Number of Projects</u>	<u>Amount</u>
State Grants (<\$100,000)	66	\$5,561,396
State Grants (> \$100,000)	37	15,769,946
Matching Fund Grants	27	6,368,658
<b>Total</b>	<b>130</b>	<b>\$27,700,000</b>

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**Program Performance Analysis:** As illustrated in **Exhibit 9**, the fiscal 2008 allowance will allow WWIF to fund an estimated 73% of the waterway project requests submitted, generally consistent with the two previous fiscal years.

**Exhibit 9  
Percent of Waterway Project Requests Funded  
Fiscal 2003-2008**



Source: Governor’s Budget Books, Fiscal 2008; Department of Natural Resources

***Waterway Improvement Program Fund Data***

**Fund History  
Prior Program Activity – All Fund Sources**

	<i>FY 2003</i>	<i>FY 2004</i>	<i>FY 2005</i>	<i>FY 2006</i>	<i>FY 2007*</i>
<b>Encumbrances</b>	\$11,300,000	\$11,200,000	\$12,450,000	\$21,316,250	\$26,000,000
<b>Expenditures</b>	9,935,561	7,508,826	8,052,200	9,532,419	7,622,764

\*As of 2/2007

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**Authorization Summary\***  
(\$ in Millions)

<i>Fiscal Year</i>	<i>Authorization</i>	<i>Funds</i>		<i>Balances</i>	
		<i>Encumbered</i>	<i>Expended</i>	<i>To Be Encumbered</i>	<i>To Be Expended</i>
Prior Years	\$49.386	\$49.386	\$46.978	\$0.000	\$2.408
2003	11.300	11.300	8.342	0.000	2.958
2004	3.331	3.331	2.603	0.000	0.728
2005	12.450	12.450	5.847	0.000	6.603
2006	21.316	21.316	5.839	0.000	15.477
2007	26.000	26.000	0.723	0.000	25.277
<b>Total</b>	<b>\$123.784</b>	<b>\$123.784</b>	<b>\$70.331</b>	<b>\$0.000</b>	<b>\$53.452</b>

\*As of 1/2007

Note: Program participants are informed that if grant funds are not expended within three years, the funds will be cancelled. This policy seeks to increase the program's expenditure rate.

(\$ in Millions)

<i>Description</i>	<i>2006 Approp.</i>	<i>2007 Approp.</i>	<i>2008 Request</i>	<i>2009 Estimate</i>	<i>2010 Estimate</i>	<i>2011 Estimate</i>	<i>2012 Estimate</i>
PAYGO SF	\$20.000	\$25.000	\$26.700	\$20.000	\$20.400	\$20.500	\$20.500
PAYGO FF	1.316	1.000	1.000	0.500	0.250	0.250	0.250
<b>Total</b>	<b>\$21.316</b>	<b>\$26.000</b>	<b>\$27.700</b>	<b>\$20.500</b>	<b>\$20.650</b>	<b>\$20.750</b>	<b>\$20.750</b>

## ***Recommended Actions***

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1. Concur with Governor's allowance.

## ***Fiscal 2008 Proposed Waterway Projects***

<b>County</b>	<b>Location</b>	<b>Project Description</b>	<b>Grant Type</b>	<b>Funding Amount</b>
Allegany	City of Cumberland	Complete an assessment to determine location for additional boat ramp and related facilities in City of Cumberland.	LG	\$50,000
Allegany	Potomac River	Remove existing rubble dam to improve boating access.	LG	95,000
Anne Arundel	Parish Creek	Maintenance dredge existing federal entrance channel in cooperation with U.S. Army Corps of Engineers.	DG	725,000
Anne Arundel	Truxtun Park City of Annapolis	Reconstruct existing public boat ramp and dock.	LG	99,000
Anne Arundel	Annapolis Maritime Museum Transient Boating Piers	Extend/replace existing piers for transient boaters at museum.	LG	99,000
Anne Arundel	Annapolis City Dock	Replace deteriorated bulkheads, slips, walkway, and utilities.	MF	1,800,000
Anne Arundel	Broadwater Creek	Main channel dredging to restore boating access.	MFDG	905,000
Anne Arundel	Parish Creek	Maintenance dredge local navigation channels located adjacent to existing federal channel.	MFDG	50,000
Anne Arundel	Anne Arundel Countywide Waterway Improvement Project Planning and Submerged Aquatic Vegetation Monitoring	Complete feasibility studies, schematic design, submerged aquatic vegetation monitoring, and permit acquisition for future planned State funded dredging projects in Anne Arundel County.	MFDG	250,000
Anne Arundel	Locust Cove	Dredge navigation channel to improve access for the boating public.	MFDG	112,500
Anne Arundel	Carrs Creek	Dredge navigation channel to improve access for the boating public.	MFDG	740,000
Anne Arundel	City of Annapolis Fireboat	Acquire equipment for fire/rescue boat serving Annapolis.	MFFR	50,000
Anne Arundel	DNR Facility – 69 Prince George Street, Annapolis	Replace deteriorated timber bulkhead and existing dock, install dock, and relocate/enclose existing high voltage electric service panels.	SP	1,700,000
Anne Arundel	Sandy Point State Park	Engineering funds to design the repairs to the old stone jetty protecting entrance channel to Sandy Point State Park.	SP	50,000
Baltimore City	Downtown Sailing Center (DSC) Marina Construction Phase II	Complete various improvements to provide/improve transient boating access facilities for the public.	LG	99,000

**K00A05 – Department of Natural Resources – PAYGO**

<b>County</b>	<b>Location</b>	<b>Project Description</b>	<b>Grant Type</b>	<b>Funding Amount</b>
Baltimore City	Baltimore City Fire Department	Acquire dive team and fire boat equipment.	MFFR	\$50,000
Baltimore	Baltimore Countywide Submerged Aquatic Vegetation Monitoring	Document submerged aquatic vegetation in local creeks that have been previously dredged with State funds. Action is also necessary to comply with permit agency requirement to collect submerged aquatic vegetation data for all new regulatory permits.	DG	99,000
Baltimore	Jones Creek – North Point and Old Road Bay Patapsco River	Maintenance dredge existing navigation channels to improve access for the general boating public.	DG	2,880,000
Baltimore	Seneca Creek Dredging	Dredge main public navigation channel to restore access to local waterway.	DG	200,000
Baltimore	Pleasure Island Dredging Project	Complete engineering phase to maintenance dredge navigation channel and stabilize existing dredge material placement site.	DG	250,000
Baltimore	Middle River Maintenance Dredging	Complete engineering phase to maintenance dredge existing navigation channels in Middle River including Sue, Norman, Hopkins, Hogpen, Galloway, Fog Mortor, and Dark Head creeks as well as Chestnut and Greyhound coves.	DG	200,000
Baltimore	Chesterwood Park Derelict Boat Ramp	Construct ramp, pier, and storage area to allow County to remove derelict boats and debris from public waterways.	LG	99,000
Baltimore	Baltimore Countywide Aids to Navigation	Inspect, remove, repair, maintain, and replace channel markers installed by county in conjunction with State funded dredging projects.	LG	99,000
Baltimore	Inverness Park Boat Ramp and Pier	Resurface boat ramp parking lot paving and add signage.	LG	47,000
Baltimore	Southwest Area Park Boat Ramp	Surface existing entry road to parking lot.	LG	99,000
Baltimore	Clement Cove Pier Fleming Community Center and Park	Construct new pier to encourage and enable boaters in Clement Cove to moor vessels.	LG	99,000
Baltimore	Loch Raven Reservoir	Overlay existing parking lot and entrance road.	MF	60,000
Baltimore	Bear Creek	Maintenance dredge Tabasco Cove, Schoolhouse Cove, Chink Creek and Lynch Point Cove for the general boating public.	MFDG	180,000
Baltimore	Duck and Deep Creeks Dredging	Maintenance dredge existing navigation channel to restore access to the creeks for the general boating public.	MFDG	110,000

**K00A05 – Department of Natural Resources – PAYGO**

<b>County</b>	<b>Location</b>	<b>Project Description</b>	<b>Grant Type</b>	<b>Funding Amount</b>
Baltimore County	Shallow Creek	Complete engineering phase to maintenance dredge existing navigation channel at Shallow Creek for the general boating public.	MFDG	\$40,000
Baltimore	Baltimore County Police Department	Purchase patrol boat, equipment, and dive gear.	MFFR	50,000
Baltimore	White Marsh Volunteer Fire Department	Acquire various water rescue equipment.	MFFR	4,158
Baltimore	Middle River Volunteer Ambulance	Acquire various water rescue equipment.	MFFR	25,000
Baltimore	Dundee Creek Marina Gunpowder Falls State Park	Remove and replace the heating oil tank, replace air conditioning units with central air conditioning in marina concession building, replace iron cast gate on sand filter in boat launch area, and install small boat launch at Dundee Creek Marina.	SP	66,000
Baltimore	Hart Miller Island State Park	Remove and replace existing siding on Ranger Station/comfort station and replace heating, ventilation, and air conditioning in Ranger Station on Hart Miller Island.	SP	60,000
Calvert	Chesapeake Beach	Replace existing deteriorated bulkhead adjacent to boat ramp area.	LG	99,000
Caroline	Choptank Marina	Maintenance dredge existing marina basin.	DG	300,000
Caroline	Crouse Park	Replace bulkhead at Crouse Park boating basin.	LG	99,000
Caroline	Hillsboro Boat Ramp	Replace existing boat ramp and access pier to Americans with Disabilities Act guidelines. Replace existing wooden bulkhead with stone revetment.	LG	99,000
Caroline	Choptank Marina Service Pier	Design, repair, and construct center service pier at public marina, including structural, electrical, and a fire suppression system.	LG	99,000
Caroline	Federalsburg Small Boat Dock	Construct boat dock adjacent to new boardwalk area at Marina Park.	LG	26,000
Caroline	Ganey's Wharf	Complete engineering phase to replace existing public pier with a pier compliant with Americans with Disabilities Act guidelines. Install a floating dock system to allow easier access to those with mobility problems. Improve parking to allow safe convenient parking for the boating public.	LG	30,000

**K00A05 – Department of Natural Resources – PAYGO**

<b>County</b>	<b>Location</b>	<b>Project Description</b>	<b>Grant Type</b>	<b>Funding Amount</b>
Caroline	Smithville Lake boating Facility Improvements	Pave existing access road and parking lot, replace existing boat ramp pier, and replace the existing information kiosk.	SP	\$75,000
Cecil	Charlestown Boat Ramp	Dredge access channel to existing public boat ramp.	DG	250,000
Cecil	Charlestown Fire Boat Pier	Dredge channel to existing fire boat pier.	DG	235,000
Cecil	Elk River Park	Develop a new public boating access site on the Elk River for the general boating public. Project will consist of a new boat ramp, parking area, bulkhead, boardwalk, and access road.	LG	99,000
Cecil	Elk Neck State Park Rouges Harbor	Replace the existing decking on the piers and sidewalk in front of the concession and install exterior lighting at building at Rouges Harbor.	SP	38,000
Charles	Nanjemoy Creek Dredging	Dredge navigation channel to improve access to an existing public boat ramp.	DG	251,000
Charles	Mallows Bay / Wilson Farm	Construct boat launch, boarding pier, access road, gravel parking lot, handicap parking space, trailer turn-around area, associated fencing, and signage.	LG	99,000
Charles	Newburg Volunteer Rescue and Fire Department	Acquire marine fire/rescue equipment to serve boating public.	MFFR	50,000
Charles	Nanjemoy Volunteer Fire Dept	Acquire fire/rescue boat to serve boating public.	MFFR	50,000
Charles	Smallwood State Park Sweden Point Marina	Replace sections of existing floating docks at the boat ramp piers, re-side Marina Services Building, and power wash/paint Boat Concession Building.	SP	130,000
Dorchester	Water Street Vienna	Construct bulkhead to stabilize the shoreline to provide additional access for the boating public.	LG	99,000
Dorchester	Trenton Street Boat Ramp County Pump-out and Slips	Construct additional boat slips and related amenities.	LG	50,000
Dorchester	Great Marsh Boat Ramp	Reconstruct existing boat ramp and timber pier.	LG	99,000
Dorchester	Hoopers Island Dorchester county Dock	Rebuild public dock/bulkhead/pier facility at Hoopers Island. Scope of work includes replacing deteriorated bulkhead/pier and resurfacing the parking lot.	LG	95,000
Dorchester	Smithville Ramp	Replace deteriorated bulkhead and surface parking lot/ramp.	LG	75,000

**K00A05 – Department of Natural Resources – PAYGO**

<b>County</b>	<b>Location</b>	<b>Project Description</b>	<b>Grant Type</b>	<b>Funding Amount</b>
Dorchester	Municipal Marina City of Cambridge	Construct a platform for a new dock manager's office at the Cambridge Marina.	MF	\$100,000
Dorchester	Rescue Fire Company	Acquire new fire/rescue boat to serve the boating public.	MFFR	50,000
Frederick	Brunswick Boat Ramp	Pave roadway to boat ramp, including parking area, create handicapped accessible parking spaces, and paint/upgrade boater bathroom facilities.	LG	92,396
Garrett	Dry Run Boat Ramp	Construct boat ramp and parking area to access Savage River Reservoir.	LG	99,000
Garrett	Friendsville Community Park and Kendall Trail	Refurbish existing comfort station utilities. Also upgrade vending stations, parking, and design/develop new pavilions.	LG	50,000
Harford	Tydings Island DMP Renovation Harford County Recreation and Parks	Renovate existing dredge material placement site at Tydings Island in Havre de Grace.	DG	700,000
Harford	Swan Creek Channel Dredging	Dredge Swan Creek navigation channel in Havre de Grace.	DG	65,000
Harford	City Yacht Basin Launching Ramp Improvement Project Havre de Grace	Replace floating piers and resurface ramp. Improvements will make facility compliant with the Americans with Disabilities Act.	LG	99,000
Harford	Concord Point Lighthouse Pier Havre de Grace	Replace existing damaged transient boating pier.	LG	99,000
Harford	Havre de Grace City Yacht Basin	Re-grade and improve existing parking area for existing public boating facility.	LG	99,000
Harford	Swan Harbor Farm Pier Security Lighting	Provide security lighting and safe access for the general boating public at existing public boating access pier.	LG	90,000
Harford	Swan Harbor Farm Stone Sill and Marsh Planting	Complete shoreline erosion control project at Swan Harbor located adjacent to public boating pier.	LG	40,000
Harford	Foster Branch Dredging	Maintenance dredge existing navigation channel.	MFDG	187,500
Kent	Wilmer Park	Replace existing deteriorated bulkhead for the boating public.	LG	50,000
Kent	Bayside Landing Park	Modify pier and wing wall at boat ramp to improve boating access.	LG	50,000
Kent	Bayside Landing Park	Pave existing parking area at marina area at existing public landing.	LG	99,000
Kent	Cliff City	Replace wingwall at existing boat ramp to improve boating access.	LG	50,000

**K00A05 – Department of Natural Resources – PAYGO**

<b>County</b>	<b>Location</b>	<b>Project Description</b>	<b>Grant Type</b>	<b>Funding Amount</b>
Kent	Shipyards Public Landing	Pave parking/ramp area of Shipyards public landing.	LG	99,000
Kent	Turners Creek	Replace existing bulkhead at existing boat ramp.	LG	\$95,000
Kent	Allen's Lane Ramp	Stabilize shoreline at boat ramp.	LG	50,000
Kent	Long Cove Pier	Replace decking on all piers at public boating facility.	LG	99,000
Montgomery	Black Hill and Rock Creek Regional Parks Lake Needwood and Little Seneca Lake	Repair storm damage to dock at Lake Needwood, improve existing docks for disability access, and install floating dock for patrol boat.	LG	75,000
Montgomery	Pennyfield Lock Boat	Reconstruct existing boat ramp to provide access to Muddy Branch off Potomac River.	LG	99,000
Prince George's	Prince George's County Water Safety / Rescue Enhancements	Acquire equipment for water rescue on the Potomac River in the vicinity of Ft. Washington Marina and the National Harbor Project.	MFFR	20,000
Prince George's	Fort Washington Marina Docks D & E Replacement	Engineer/replace dock(s) and complete other miscellaneous improvements at marina.	SP	1,700,000
Queen Anne's	Corsica River Dredge Material Placement	Reclaim existing dredge material placement site used for containing dredged material from local dredging projects.	DG	175,000
Queen Anne's	Kent Narrows Ramp Replacement	Replace existing ramp at steeper grade to accommodate larger boats using ramp.	LG	99,000
Queen Anne's	Kent Narrows Channel	Maintenance dredge existing navigation channel for the benefit of the general boating public.	DG	600,000
Queen Anne's	Centreville Wharf Expansion Project	Provide shoreline stabilization, construct boardwalk, acquire floating pier with transient slips, and provide marine sewage pumpout station.	LG	99,000
Queen Anne's	Shipping Creek Bulkhead and Ramp Reconstruction	Replace deteriorated timber bulkhead and reconstruct/expand existing ramp with a boarding pier.	MF	225,000
Queen Anne's	Kent Island Volunteer Fire Department	Purchase new fire/rescue boat.	MFFR	50,000
Somerset	Webster's Cove Jetty/Shoreline Protection	Provide shoreline protection at Webster's Cove Harbor.	DG	200,000
Somerset	Tylerton Bulkheading	Construct bulkhead at Tylerton Marina.	LG	99,000
Somerset	Wenona Harbor Boat Ramp	Replace deteriorated boat ramp.	LG	99,000

**K00A05 – Department of Natural Resources – PAYGO**

<b>County</b>	<b>Location</b>	<b>Project Description</b>	<b>Grant Type</b>	<b>Funding Amount</b>
Somerset	Wenona Harbor Bulkhead and Slips Construction	Replace deteriorated bulkhead and construct additional boat slips.	LG	\$99,000
Somerset	Jenkins Creek	Replace deteriorating public dock on Jenkins Creek. Dock is vital to local waterman.	LG	99,000
Somerset	Rumbley Harbor	Replace deteriorated bulkhead that serves the boating public.	LG	99,000
Somerset	Mount Vernon Volunteer Fire Co.	Procure equipment for an existing fire/rescue boat.	MFFR	11,500
Somerset	Little Deal Island Wildlife Management Areas E and C – Shore Erosion Control	Stabilize portion of eroding shoreline that is impacting adjacent federal channel at Wenona Harbor.	SP	350,000
Somerset	Somers Cove Marina	Re-deck/repair existing marina piers.	SP	65,000
Southern Maryland	Southern Maryland Boat Facilities Regional State Boating Facilities	General maintenance/repairs to boat ramps, public landings, and dock systems at various State Parks in Southern Maryland.	SP	100,000
St. Mary's	St. Mary's County Countywide Maintenance Grant	Provide repairs to various locally owned public boat ramps and landings as needed.	LG	99,000
St. Mary's	St. Inigoes Landing	Resurface existing parking area and roadway.	LG	99,000
St. Mary's	Piney Point Landing	Replace existing wooden bulkhead with a stone revetment.	LG	99,000
St. Mary's	Piney Point Landing	Pave existing parking area located on the river side of the landing.	LG	99,000
St. Mary's	Bushwood Wharf Landing	Pave existing parking area and roadway and construct an overflow parking area.	LG	99,000
St. Mary's	Leonardtwn Wharf Project	Replace deteriorated bulkhead and construction piers and docking facilities for the boating public.	MF	300,000
St. Mary's	Greenwell State Park	Construct T-section at end of existing transient boating pier and install mooring buoys in Quarter Creek for the boating public.	SP	80,000
St. Mary's	Point Lookout State Park Boating Facility	Construct new floating dock for transient boaters, construct covered slip for Park vessel, and install electric/lighting at Hoffman's Boat Pier.	SP	125,000
St. Mary's	Colton Point Pier	Re-deck existing public boating pier.	SP	50,000
St. Mary's	St. Mary's River State Park Boating Facility	Pave existing parking lot at boat ramp facility and construct storage shed for the Park Service vessel.	SP	200,000

**K00A05 – Department of Natural Resources – PAYGO**

<b>County</b>	<b>Location</b>	<b>Project Description</b>	<b>Grant Type</b>	<b>Funding Amount</b>
Statewide	Maintenance Fund	Complete dredging/navigation/storm damage projects in designated public navigation channels or publicly owned boating facilities that occur outside the budget cycle or exceed appropriated funding amount statewide.	ST	\$288,978
Statewide	Shore Erosion Control Projects – Statewide	Design and construct boating related shore erosion control projects statewide.	ST	750,000
Statewide	Marine Sewage Pumpout Program	Utilize federal Clean Vessel Act (75%) and State Waterway Improvement Fund (25%) funds (awarded annually), DNR is administering a grant program that provides reimbursements to marinas for the purchase and installation of marine sewage pumpout facility.	ST	100,000
Statewide	Natural Resources Police – Replace Buoy Tender/Ice-Breaker and Acquire Scow/Patrol Boats	Design and provide first installment to replace existing steel buoy tender/ice-breaker M/V J. M. Tawes, acquire scow for servicing fixed aids to navigation in Chesapeake Bay, and provide funds to cover State cost share to acquire patrol boats for Natural Resources Police in conjunction with a federal grant.	ST	1,311,968
Statewide	Federal Sportfish Restoration and Boating Infrastructure Grant boating projects	Funding to be used to cover the local cost share for federally funded public boating access projects. Proposed project located in Baltimore County for a fueling station at Bills Boats near Hart Miller Island.	ST	100,000
Talbot	Talbot Countywide Bulkhead Repair Program	Maintenance and repairs to existing publicly owned boating access facilities throughout county.	LG	99,000
Talbot	Windy Hill Landing Boat Ramp	Replace boat ramp and complete shoreline/pier improvements.	LG	75,000
Talbot	Dogwood Harbor Waterman’s Observation Wharf	Construct public landing for unloading daily catches and docking vessels.	LG	50,000
Talbot	Mill Street	Replace deteriorated bulkhead at Hollis Park in St. Michaels.	LG	20,000
Talbot	Cherry Street and Honeymoon Bridge	Replacement bulkhead at foot of Cherry Street, replace finger piers and deteriorated pilings along Honeymoon Bridge, and complete a structural engineering analysis of Honeymoon Bridge at St. Michaels.	LG	85,000

**K00A05 – Department of Natural Resources – PAYGO**

<b>County</b>	<b>Location</b>	<b>Project Description</b>	<b>Grant Type</b>	<b>Funding Amount</b>
Talbot	Mill Street Harbor Dingy Dock Replacement	Replace dingy docks in St. Michaels Harbor at Mill Street.	LG	67,000
Talbot	Chesapeake Bay Maritime Museum	Replace deteriorated bulkhead along south transient boat dockage area and upgrade electrical service along bulkhead.	MF	\$99,000
Talbot	Chesapeake Bay Maritime Museum	Replace deteriorated bulkhead along east transient boater dockage area and upgrade electrical service along bulkhead.	MF	99,000
Wicomico	Wicomico County	Maintain/repair publicly owned boating access facilities throughout county.	LG	99,000
Wicomico	Cherry Beach Sharptown	Expand/rehabilitate parking lot serving public boat ramp in Sharptown.	LG	99,000
Wicomico	Nanticoke Harbor	Pave boat slip parking area and the auxiliary parking lot and one of the boat ramp approaches.	LG	45,000
Worcester	George Island	Reconstruct and surface existing parking facility at boat ramp to meet Americans with Disabilities Act requirements.	LG	50,000
Worcester	Snow Hill Byrd Park and Gateway Park	Purchase and install water and electric service (marine power pedestals) to accommodate additional boats. Purchase and installation overhead street lamps, trash receptacles, gunwale guards, and metal cleats.	LG	99,000
Worcester	Public Landing Pavilion	Complete shoreline stabilization project at Public Landing.	LG	99,000
Worcester	Taylor Landing	Complete shoreline stabilization project at Taylor Landing.	LG	99,000
Worcester	Milburn Landing Pocomoke River State Park	Pave parking lot and the access road to the Milburn landing boat ramp.	SP	100,000
Worcester	Shad Landing Marina Pocomoke River State Park	Complete engineering phase to reconstruct the existing concession building at Shad Landing Marina.	SP	200,000

**Federally Funded Waterway Improvement Project**

County	Location	Description	Grant Type	Funding Amount
Statewide	Elk River Park	Federal cost share for proposed U.S. Fish & Wildlife approved projects. Project includes funding new public boat ramp facility at Elk River Park in Cecil County.	SP	\$1,000,000
		<b>Total</b>		<b>\$27,700,000</b>

**Key**

- DG: 100% dredging/navigation
- LG: 100% local grant
- MF: matching funds local governments
- MFFR: matching funds fire/rescue
- MFDG: matching funds dredging grants
- SP: 100% State project
- ST: statewide project

***Fiscal 2007 Waterway Project Status***

County	Location	Description	Funding Type	Funding Amount
Allegany	City of Cumberland	Install ADA compliant floating boarding dock adjacent to the launch ramp at the Mason Recreation Complex.	LG	\$25,000
Anne Arundel	Town Point Dredge Material Placement Site (DMP) Site, Deal	Provide additional storage capacity at an existing regional dredge material placement site for local dredging projects that benefit the general boating public.	DG	800,000
Anne Arundel	Parish Creek, Shady Side	Dredge navigation channels at Parish Creek for the general boating public in cooperation with U.S. Army Corps of Engineers.	DG	525,000
Anne Arundel	City of Annapolis	Replace existing bulkhead, slips, and walkway in Annapolis Harbor.	MF	950,000
Anne Arundel	Sandy Point State Park, Annapolis	Complete engineering phase to replace deteriorated timber bulkhead at Sandy Point Public Boating Facility.	SP	189,350

**K00A05 – Department of Natural Resources – PAYGO**

<b>County</b>	<b>Location</b>	<b>Description</b>	<b>Funding Type</b>	<b>Funding Amount</b>
Anne Arundel	Pooles Gut, Mayo	Dredge main channel to improve access for the general boating public at Pooles Gut.	MFDG	\$359,000
Anne Arundel	Parker Creek, Deal	Maintenance dredge main channel to provide improved access for the general boating public at Parker Creek.	MFDG	262,500
Anne Arundel	Countywide	Complete feasibility studies, schematic Engineering & permit acquisition for future planned dredging projects throughout County.	MFDG	250,000
Anne Arundel	Whitehall Creek, Annapolis	Dredge channel to improve access for a limited segment of the boating public located on Whitehall Creek.	TDDG	135,000
Anne Arundel	Edwin Raynor DMP Site, Jacobsville	Reclaim existing dredge material placement site used for local dredging projects.	MFDG	125,000
Anne Arundel	Locust Cove, Pasadena	Dredge main channel to provide access for the general boating public to Locust Cove.	MFDG	100,000
Anne Arundel	State Dock, Annapolis	Engineering replacement bulkhead and utilities at state boating facility located in Annapolis Harbor.	SP	100,000
Anne Arundel	City of Annapolis	Develop and maintain existing public boating facilities in Annapolis.	LG	99,000
Anne Arundel	City of Annapolis	Maintain existing and acquire new fire/rescue boat.	MFFR	50,000
Anne Arundel	Anne Arundel County Fire Department	Purchase marine fire/rescue and EMS equipment used to provide emergency service to the general boating public throughout Anne Arundel County.	MFFR	149,000
Baltimore City	Baltimore Inner Harbor Marina	Replace/reorient existing piers, slips, and utilities at the public Inner Harbor Marina.	MF	1,575,000
Baltimore City	Fort Armistead, Baltimore City	Replace existing wave screen at existing boat ramp on Patapsco River damaged by Hurricane Isabel.	LG	99,000
Baltimore City	Downtown Sailing Center	Construct public transient boating facility at Downtown Sailing Center at Inner Harbor.	LG	99,000
Baltimore City	Baltimore City Fire Department	Purchase equipment for dive team and fire/rescue boats that serve Baltimore City region.	MFFR	50,000
Baltimore City	Baltimore Inner Harbor/ Key Highway	Rehabilitate existing Inner Harbor Public Marina Services and Harbor Master Building.	MF	30,500

**K00A05 – Department of Natural Resources – PAYGO**

<b>County</b>	<b>Location</b>	<b>Description</b>	<b>Funding Type</b>	<b>Funding Amount</b>
Baltimore City	Baltimore Inner Harbor	Expand/improve electrical service to existing public transient boating piers at Inner Harbor.	MF	\$29,000
Baltimore	Seneca Creek and Goose Harbor Cove, Middle River	Dredge auxiliary main navigation channels to provide improved access for the general boating public at Seneca Creek and Goose Harbor Cove.	MFDG	450,000
Baltimore	Gunpowder Falls State Park, Middle River	Maintenance dredge existing public boat slips at Dundee Creek public boating facility.	SP	425,000
Baltimore	Wilson Point Park, Middle River	Construct new transient boating facility in Eastern Baltimore County in Darkhead Creek.	MF	350,000
Baltimore	Duck/Deep Creek, Essex	Dredge main channels to provide improved access for the general boating public at Duck and Deep Creeks.	MFDG	310,000
Baltimore	Seneca Creek, Middle River	Dredge main stem channel to provide access for the general boating public at Seneca Creek.	DG	300,000
Baltimore	Southwest Area Park, Lansdowne-Riverview/Baltimore Highlands	Add signage and pave existing boat ramp parking lot.	LG	99,000
Baltimore	Chesterwood Park, Dundalk	Construct a ramp, pier and storage area on Bullneck Creek to remove derelict boats and debris from local waterways for the benefit of the boating public.	LG	99,000
Baltimore	Countywide	Collect submerged aquatic vegetation survey data from previously dredged navigation channels in accordance with regulatory agency requirements.	MFDG	75,000
Baltimore	Gunpowder Fall State Park, Middle River	Engineering replacement of existing deteriorated timber bulkhead at Dundee Creek Public Boating Facility.	SP	50,000
Baltimore	Gunpowder Falls State Park, Dundalk/Sparrows Point Hart-Miller Island	Replace decking at restrooms, multi-service building, and observation tower that service the boating public on Hart-Miller Island. Remove windows in existing observation tower and install a safety railing system.	SP	45,000
Baltimore	Bear Creek, Dundalk	Complete Engineering to dredge main navigation channel at Bear Creek for the benefit of the general boating public.	MFDG	40,000

**K00A05 – Department of Natural Resources – PAYGO**

<b>County</b>	<b>Location</b>	<b>Description</b>	<b>Funding Type</b>	<b>Funding Amount</b>
Baltimore	Jones Creek and North Point Creek, Dundalk/Sparrows Point	Complete Engineering to maintenance dredge main navigation channel at Jones and North Point Creeks off Old Road Bay for the benefit of the general boating public.	DG	\$30,000
Baltimore	Baltimore County Middle River Ambulance Rescue Team	Acquire safety equipment for water rescue operations the serve waterways in Baltimore County.	MFFR	25,000
Calvert	Town of North Beach	Rehabilitate existing stone breakwaters to protect existing transient slips at Town pier.	DG	250,000
Calvert	Town of Chesapeake Beach	Provide transient boat tie-ups at Fishing Creek for the general boating public.	LG	50,000
Caroline	Town of Denton Crouse Park Marina Basin	Dredge existing public boat basin at Crouse Park.	DG	315,000
Caroline	Martinak State Park, Denton Area	Repave existing boat ramp parking lot and replace deteriorated boat pier.	SP	150,000
Caroline	Countywide	Countywide Maintenance at existing local public boating facilities.	LG	99,000
Caroline	Town of Denton	Replace deteriorated bulkhead at Crouse Park public boating facility.	LG	79,500
Caroline	Federalsburg Boat Ramp	Project will complete rip-rap shoreline stabilization and boat ramp improvements at Marshyhope Creek for the general boating public.	LG	50,000
Carroll	Piney Run Park, Sykesville	Replace existing boating access pier for ADA compliance.	LG	26,000
Cecil	Town of North East North East Town Park	Install electric service and make existing transient boating pier ADA complaint.	LG	99,000
Cecil	Chesapeake City, Beck's Landing	Construct floating docks and boat slips off C&D Canal for the general boating public.	LG	99,000
Cecil	Town of Perryville	Install utilities for proposed comfort station that will serve public boat ramp for the general boating public.	LG	99,000
Cecil	Town of Charlestown	Dredge existing public boat ramp.	DG	50,000
Cecil	Town of Port Deposit Marina Park South	Construct concrete abutments for public transient boating piers.	LG	50,000
Cecil	Town of Port Deposit	Acquire fire/rescue boat and equipment to service lower Susquehanna River.	MFFR	50,000
Cecil	Fredericktown	Engineering improvements to repair existing public boat ramp.	LG	25,000

**K00A05 – Department of Natural Resources – PAYGO**

<b>County</b>	<b>Location</b>	<b>Description</b>	<b>Funding Type</b>	<b>Funding Amount</b>
Charles	Upper Port Tobacco River Channel, Port Tobacco	Maintenance dredge main navigation channel at Upper Port Tobacco River to improve access for the general boating public.	DG	\$748,000
Charles	Smallwood State Park Sweden Pt. Boating Facility, La Plata/Indian Head Area	Engineer maintenance dredging project at existing public boat ramp, fuel dock and marina, complete miscellaneous improvements at existing marina and Marina Services Bldg, and remove hydrilla impacting existing boating facilities.	SP	225,000
Charles	Town of Indian Head Slavins/Mattingly Park	Construct auxiliary parking area for boat ramp on Mattawoman Creek off Potomac River.	LG	99,000
Charles	Charles County Dive Rescue Team	Purchase sonar system to support rescue/dive team operations for Potomac and Patuxent Rivers.	MFFR	20,000
Dorchester	Cambridge Marine Terminal	Replace/repair deteriorated bulkhead and raise elevation of existing parking lot at Cambridge Marine Terminal.	SP	1,000,000
Dorchester	City of Cambridge Municipal Marina	Replace breakwater, create additional 140 boat slips, and install fuel dock at Cambridge Municipal public marina facility.	MF	800,000
Dorchester	Great Marsh Park, Cambridge	Engineer and acquire permits to replace existing public boat ramp and Engineering breakwater at Great Marsh Park.	LG	99,000
Dorchester	Trenton Street Boating Facility, Cambridge	Construct additional boat slips at existing public boating facility located on Cambridge Creek.	LG	99,000
Dorchester	Town of Vienna	Engineer/install shoreline stabilization and provide additional public access for boating public.	LG	99,000
Dorchester	Ellicott's Island Wharf Road Ramp	Replace deteriorated bulkhead and pave parking area at public boat ramp.	LG	80,000
Dorchester	Hoopers Island, Hoopersville	Raise and pave parking lot for public boat ramp.	LG	75,000
Dorchester	Wingate Bishops Head Road and Farm Creek Road	Pave existing parking lot at public boat ramp facility located on.	LG	50,000
Dorchester	Crocheron Wharf	Repair existing public boat ramp and pave parking lot.	LG	35,000
Dorchester	Town of Secretary Temple Street	Construct public boating access pier at loading/unloading dock.	LG	35,000

**K00A05 – Department of Natural Resources – PAYGO**

<b>County</b>	<b>Location</b>	<b>Description</b>	<b>Funding Type</b>	<b>Funding Amount</b>
Garrett	Broadford Park Recreation Area, Oakland	Construct new handicap accessible boat rental/storage facility.	LG	\$99,000
Garrett	Town of Friendsville Friendsville Community Park	Engineer new comfort station, pavillion(s) and upgrade parking area for the boating public.	LG	40,000
Harford	Otter Point Creek/Bush River, Edgewood/Aberdeen/Per ryman	Dredge navigation channels and construct DMP Site to provide improved access for the general boating public at Bush River and Otter Point Creek.	DG	1,700,000
Harford	Tydings Island DMP Site, Havre de Grace	Replace deteriorated bulkhead which protects the Tydings Island dredged material placement site.	DG	550,000
Harford	Susquehanna State Park Lapidum Boating Facility Havre de Grace Area	Renovate existing comfort station, replace deteriorated informational kiosk, replace existing deteriorated timber pier, expand existing parking lot, and repair existing erosion at canoe launch all of which support the general boating public.	SP	138,000
Harford	Willoughby Beach, Edgewood	Renovate existing piers, public boat ramp, bulkhead & parking area.	LG	60,000
Harford	Havre de Grace Municipal Boat Basin	Complete engineering to provide additional capacity at Tydings Island dredge material placement site for future maintenance dredging projects at Havre de Grace Municipal Marina.	DG	30,000
Harford	Broad Creek Landing, Darlington	Engineer renovations to existing bulkhead, pier, and launching ramp located on Broad Creek.	LG	30,000
Howard	Howard County Centennial Lake Ramp, Ellicott City	Renovate existing boat launch/fishing pier located on Centennial Lake.	LG	99,000
Kent	Town of Chestertown Wilmer Park Boat Landing	Repair existing bulkhead at Wilmer Park public landing for transient boaters.	LG	99,000
Kent	Bayside Boating Facility, Rock Hall	Pave Bayside public boating facility parking lot.	LG	99,000
Kent	Town of Chestertown, Cannon Street Boat Landing	Repair bulkhead at Cannon Street for transient boaters.	LG	50,000
Montgomery	Black Hill Regional Park, Boyds	Purchase rescue equipment for the patrol boat at Black Hill Regional Park on Little Seneca Lake.	MFFR	3,650

**K00A05 – Department of Natural Resources – PAYGO**

<b>County</b>	<b>Location</b>	<b>Description</b>	<b>Funding Type</b>	<b>Funding Amount</b>
National Park Service	National Park Service Parkwide C & O Canal National Historical Park Parkwide: Montgomery Co., Frederick Co., Washington Co.	Construct and improve emergency response access sites for the Park and local rescue units to aid the boating public along Potomac River.	LG	\$99,000
National Park Service	National Park Service – Parkwide C & O Canal National Historical Park Parkwide: Montgomery Co., Frederick Co., Washington Co.	General ramp maintenance at NPS public boating facilities that provide access to Potomac River.	LG	50,000
National Park Service	National Park Service – Parkwide C & O Canal National Historical Park Parkwide: Montgomery Co., Frederick Co., Washington Co.	Provide toilet facilities at public boat ramps throughout the Park on Potomac River.	LG	50,000
National Park Service	National Park Service C & O Canal National, Hagerstown Vicinity	Acquire rescue boat to assist vessels using Potomac River.	MFFR	24,000
Prince George's	Ft. Washington Marina – Phase II, Ft. Washington	This Phase will consist of replacing two existing deteriorated docks as well as completing various other improvements at existing public marina facility.	SP	1,960,000
Prince George's	Laurel Marine Rescue Squad	Equipment to enhance water-based rescue & suppression coverage on Anacostia and Potomac Rivers.	MFFR	3,500
Queen Anne's	Kent Narrows Marina – Chester	Replace existing deteriorated public bulkhead, slips, and utilities at Kent Narrows off Chester River and Eastern Bay.	MF	750,000
Queen Anne's	Matapeake Terminal/Public Boating Facility, Stevensville	Replace deteriorated bulkhead and install water/sewer.	SP	350,000
Queen Anne's	Thompson Creek Boat Ramp, Stevensville	Replace existing deteriorated boat ramp and access piers.	LG	99,000
Queen Anne's	Kent Narrows Marina – Chester	Resurface and stripe existing marina parking area at Kent Narrows.	LG	65,000
Queen Anne's	Kent Island Fire Department, Stevensville	Acquire fire/rescue boat to service Eastern Bay, Chester River, Chesapeake Bay, Kent Narrows, and vicinity.	MFFR	50,000

**K00A05 – Department of Natural Resources – PAYGO**

<b>County</b>	<b>Location</b>	<b>Description</b>	<b>Funding Type</b>	<b>Funding Amount</b>
Queen Anne's	Centreville Landing, Centreville	Install electric service to 22 existing public boat slips.	LG	\$40,000
Somerset	Somers Cove Marina, Crisfield	Renovate/upgrade existing marina/security office space incl. making bathrooms compliant with the Americans with Disabilities Act and replace deteriorated bulkhead on Jersey Island.	SP	275,000
Somerset	St. Peters Creek, Champ	Replace existing deteriorated boat ramp on St. Peters Creek.	LG	99,000
Somerset	Wenona Harbor, Wenona	Replace deteriorated public boat ramp.	LG	99,000
Somerset	Lower Deal Island, Wenona	Replace deteriorated bulkhead and install approx. sixteen new boat slips.	LG	99,000
Somerset	Smith Island – Tylerton	Replace existing deteriorated bulkhead located at Tylerton public boating facility on Smith Island.	LG	99,000
Somerset	Countywide	General maintenance at local public boating facilities.	LG	40,000
St. Mary's	Leonardtwn Wharf, Leonardtown	New boating access facility to include construction of piers and replacement bulkhead located on Brenton Bay.	MF	300,000
St. Mary's	Point Lookout State Park, Scotland	Construct floating dock canoe/kayak launch at Nature Center, resurface existing parking lot and entrance road at ramp, replace existing boat rental building and equipment, and Engineering boat storage facility.	SP	270,000
St. Mary's	Countywide	General maintenance at local public boating facilities.	LG	99,000
St. Mary's	Forest Landing, Hollywood	Replace existing deteriorated bulkhead located on Cuckhold Creek.	LG	99,000
St. Mary's	Wicomico Shores, Mechanicsville	Replace portion of existing boat access pier damaged by Hurricane Isabel.	LG	99,000
St. Mary's	Mechanicsville	Acquire motorized inflatable boat to be used for rescue & emergency medical services on the Patuxent and Wicomico Rivers.	MFFR	12,000
Statewide	Statewide	Engineering and construct boating related shore erosion control projects statewide.	ST	550,000
Statewide	Statewide	Complete dredging/navigation/storm damage projects are occur out of budget cycle or exceed appropriated cost statewide.	NAV	250,000

**K00A05 – Department of Natural Resources – PAYGO**

<b>County</b>	<b>Location</b>	<b>Description</b>	<b>Funding Type</b>	<b>Funding Amount</b>
Statewide	Statewide	Local cost share for proposed federally funded Sport Fish Restoration and BIG Projects statewide.	ST	\$500,000
Statewide	State Park Boating Facilities Western Maryland	General maintenance and repairs to boat ramps and floating dock systems at various state parks in Western Maryland.	SP	100,000
Statewide	Statewide	Local cost share to install marine sewage pumpout stations throughout the Chesapeake Bay and Maryland's waterways statewide	ST	75,000
Talbot	Edge Creek, Easton	Maintenance dredge navigation channels at Edge Creek to improve access for the general boating public.	TDDG	400,000
Talbot	Wye Landing, Wye Mills	Construct additional public ramp at existing boating facility.	LG	99,000
Talbot	St. Michaels, Chesapeake Bay Maritime Museum	Replace deteriorated bulkhead and utilities for transient dockage.	MF	99,000
Talbot	St. Michaels, Chesapeake Bay Maritime Museum	Replace HVAC in comfort station and deteriorated bulkhead used by transient boaters.	MF	99,000
Talbot	Hollis Park, St. Michaels	Replace deteriorated bulkhead and walkway at Hollis Park used by transient boaters.	LG	76,000
Talbot	Kingston Landing, Easton	Resurface existing parking lot and install shoreline protection at public boat ramp facility.	LG	50,000
Talbot	St. Michael's Fire Department	Existing fire/rescue boat that serves Miles River area is over 22 years old and in need of replacement.	MFFR	50,000
Talbot	Claiborne Landing, Claiborne	Replace existing public boat ramp.	LG	20,000
Talbot	Oak Creek Landing, Newcomb	Replace existing public boat ramp.	LG	20,000
Wicomico	Ellis Bay Wildlife Management Area, Nanticoke	Resurface existing gravel parking lot and replace existing deteriorated timber boat ramp.	SP	105,000
Wicomico	Countywide	Complete repairs at County-owned public boat launch and marine facilities.	LG	99,000
Wicomico	Cherry Beach Ramp, Sharptown	Replace existing boat ramp on Nanticoke River.	LG	99,000
Wicomico	Allen Fire Company	Purchase equipment in support of marine fire/rescue operations that serve Wicomico River.	MFFR	5,000

**K00A05 – Department of Natural Resources – PAYGO**

<b>County</b>	<b>Location</b>	<b>Description</b>	<b>Funding Type</b>	<b>Funding Amount</b>
Worcester	Pocomoke River State Park Boat Ramp Milburn Landing, Pocomoke City/Snow Hill	Repave parking lot and access road to the Milburn Landing public boat ramp.	SP	\$300,000
Worcester	Cedar Hall Wharf, Pocomoke City/Cedar Hall	Reconstruct/overlay existing parking facility to meet Americans with Disabilities Act requirements.	LG	99,000
Worcester	Town of Snow Hill – Byrd Park	Replace deteriorated boat ramp at Byrd Park.	LG	99,000
Worcester	Pocomoke City	Construct new finger piers and out-pilings to create up to 15 new boat slips and re-deck existing docks along Pocomoke River.	LG	99,000
Worcester	Public Landing, Snow Hill	Shoreline stabilization with low profile stone revetment for boat ramp parking lot.	LG	99,000
Worcester	Gum Point, Ocean Pines/Berlin	Extending existing ramp and finger piers on Turnville Creek.	LG	50,000
Worcester	Pocomoke City	Install a new fuel station and dock for the general boating public.	LG	50,000
Worcester	Ocean Pines Fire Department	Acquire fire/rescue boat to service St. Martin River, Isle of Wight Bay, Manklin and Turnville creeks, and Shingle Landing Prong.	MFFR	50,000
Worcester	Assateague State Park Boat Ramp, Berlin/Ocean City	Place erosion protection around boat piers, replace the lighting, burn and clear phragmites, and repair the fish cleaning station.	SP	50,000
Worcester	Taylor Landing, Girdletree	Reconstruct and overlay of existing parking facility to meet Americans with Disabilities Act requirements.	LG	25,000

*K00A05 – Department of Natural Resources – PAYGO*

**Federally Funded Waterway Improvement Projects**

<b>County</b>	<b>Location</b>	<b>Description</b>	<b>Funding Type</b>	<b>Funding Amount</b>
Statewide	Statewide	Federal cost share for proposed U.S. Fish and Wildlife approved projects. Tentative projects include Baltimore Inner Harbor Marina, Wilson Pt. Park Boat Ramp, and River Bend Park Boat Ramp.	ST	\$1,000,000
		<b>Total</b>		<b>\$26,000,000</b>

**Key**

DG: 100% dredging/navigation

LG: 100% local grant

MF: matching funds local governments

MFFR: matching funds fire/rescue

MFDG: matching funds dredging grants

SP: 100% State project

ST: statewide project

## ***Shore Erosion Control Loan Program (Statewide)***

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**PAYGO SF**                                      **\$500,000**                      **Recommendation: Approve**

**Program Description:** The Shore Erosion Control Loan Program provides loans and grants to groups of property owners, municipalities, and counties to complete shore erosion control projects pursuant to the Natural Resources Article, Section 8-1001 through Section 8-1007. The loans made under the Department of Natural Resources' (DNR's) capital program are interest free and for the purpose of providing design and construction of structural shore erosion control projects. The grants made under DNR's operating program require a 50% match and are for the purpose of providing design and construction of non-structural shore erosion control projects. The program's special funds are derived from loan repayments, administrative charges, and the Waterway Improvement Fund.

The Shore Erosion Control Loan Program has been in existence for nearly 40 years; however, it has been located within several different programs in DNR's operating and capital budgets. Prior to fiscal 2004, it was an operating budget project within the Capital Grants and Loans Administration, and prior to that, it was a project within the Forestry program.

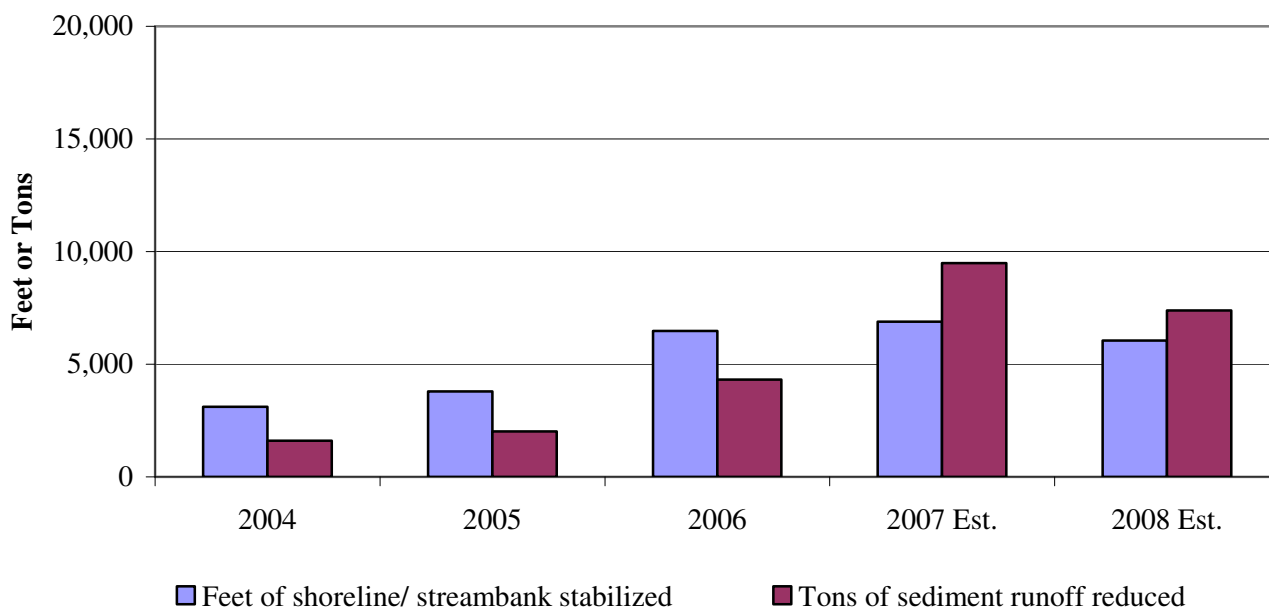
**Year Program Began:** 1968

**Comments:** The fiscal 2008 PAYGO allowance provides \$500,000 in special funds for loans to complete five projects that will stabilize 892 linear feet of eroding shoreline, retain 880 tons of sediment, and prevent 642 pounds of nitrogen and 442 pounds of phosphorous from entering Maryland waterways annually.

While the 2006 *Capital Improvement Program* indicated that this program would be funded at the \$800,000 level in the future, lower than anticipated revenues have prompted adjustments to the program's spending plans. The program anticipates spending only \$500,000 of the \$800,000 fiscal 2007 appropriation. The 2007 *Capital Improvement Program* indicates that the program's budget will remain level at \$500,000 in fiscal 2008 and 2009 but increase to \$800,000 in fiscal 2010 and 2011.

**Program Performance Analysis:** Since 1968, this program has assisted numerous property owners and has stabilized more than 71.1 miles or 2.4% of the 3,008 miles of eroding shoreline in the State. **Exhibit 10** illustrates that the program was able to stabilize more shoreline and further reduce sediment runoff in fiscal 2006, and even more success is anticipated in fiscal 2007 and 2008.

**Exhibit 10**  
**Shore Erosion Control Projects**  
**Fiscal 2004-2008**



Source: Governor’s Budget Books, Fiscal 2006-2008

## Shore Erosion Control Loan Fund Data

### Fund History

	<i>FY 2006 Actual</i>	<i>FY 2007 Estimated</i>	<i>FY 2008 Estimated</i>
<b>Beginning Balance</b>	\$178,297	\$83,384	\$42,285
<b>REVENUE</b>			
Special Funds – Loan Repayments	964,154	908,115	915,000
<b>TOTAL REVENUE</b>	<b>\$964,154</b>	<b>\$908,115</b>	<b>\$915,000</b>
<b>TOTAL AVAILABLE</b>	<b>\$1,142,451</b>	<b>\$991,499</b>	<b>\$957,285</b>
<b>ENCUMBRANCES</b>			
Loans	\$750,000	\$750,000	\$750,000
Operating Expenses	309,067	199,214	202,029
<b>TOTAL ENCUMBRANCES</b>	<b>\$1,059,067</b>	<b>\$949,214</b>	<b>\$952,029</b>
<b>Ending Balance</b>	<b>\$83,384</b>	<b>\$42,285</b>	<b>\$5,256</b>

Note: This table reflects operating expenditures, operating funds for nonstructural shore erosion loans, as well as PAYGO capital funds for structural shore erosion loans.

(\$ in Millions)

<i>Description</i>	<i>2006 Approp.</i>	<i>2007 Approp.</i>	<i>2008 Request</i>	<i>2009 Estimate</i>	<i>2010 Estimate</i>	<i>2011 Estimate</i>	<i>2012 Estimate</i>
<b>PAYGO SF</b>	<b>\$0.500</b>	<b>\$0.800</b>	<b>\$0.500</b>	<b>\$0.500</b>	<b>\$0.800</b>	<b>\$0.800</b>	<b>\$0.900</b>

## ***Recommended Actions***

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1. Concur with Governor's allowance.

## ***Fiscal 2008 Proposed Shore Erosion Projects***

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<b><u>Project</u></b>	<b><u>Location</u></b>	<b><u>Amount (\$)</u></b>	<b><u>Purpose</u></b>
Hillsmere Shores	Anne Arundel County	\$100,000	Stone breakwaters/containment groins
Havre de Grace	Harford County	150,000	Stone revetment
Florida, Maine, and Alabama Avenue	Kent County	70,000	Stone revetment
The Villas on the Water's Edge	St. Mary's County	100,000	Stone revetment
South Ocean Drive	Worcester County	80,000	Stone revetment
<b>Total</b>		<b>\$500,000</b>	

## ***Fiscal 2007 Shore Erosion Projects Status***

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<b><u>Project</u></b>	<b><u>Location</u></b>	<b><u>Amount (\$)</u></b>	<b><u>Purpose</u></b>
Bonfield/Seifert	Calvert County	\$90,000	Stone breakwater
Villas on the Water's Edge	St. Mary's County	90,000	Stone revetment
St. Georges Island	St. Mary's County	170,000	Stone sill and marsh fringe
Black Walnut Point Road	Talbot County	150,000	Stone revetment
<b>Total</b>		<b>\$500,000</b>	

**Fiscal Summary**  
**Department of Natural Resources PAYGO**

<u>Program/Unit</u>	<u>FY06 Actual</u>	<u>FY07 Wrk Approp</u>	<u>FY08 Allowance</u>	<u>Change</u>	<u>FY07-FY08 % Change</u>
10 Outdoor Recreation Land Loan	\$ 100,975,092	\$ 301,407,315	\$ 219,165,277	-\$ 82,242,038	-27.3%
11 Waterway Service Projects	21,316,250	26,000,000	27,700,000	1,700,000	6.5%
14 Sec Capital Projects	500,000	800,000	500,000	-300,000	-37.5%
06 Ocean City Maintenance	2,324,783	1,000,000	1,000,000	0	0%
<b>Total Expenditures</b>	<b>\$ 125,116,125</b>	<b>\$ 329,207,315</b>	<b>\$ 248,365,277</b>	<b>-\$ 80,842,038</b>	<b>-24.6%</b>
General Fund	\$ 0	\$ 0	\$ 5,000,000	\$ 5,000,000	n/a
Special Fund	119,224,875	322,057,315	238,365,277	-83,692,038	-26.0%
Federal Fund	5,016,250	7,150,000	5,000,000	-2,150,000	-30.1%
<b>Total Appropriations</b>	<b>\$ 124,241,125</b>	<b>\$ 329,207,315</b>	<b>\$ 248,365,277</b>	<b>-\$ 80,842,038</b>	<b>-24.6%</b>
Reimbursable Fund	\$ 875,000	\$ 0	\$ 0	\$ 0	0.0%
<b>Total Funds</b>	<b>\$ 125,116,125</b>	<b>\$ 329,207,315</b>	<b>\$ 248,365,277</b>	<b>-\$ 80,842,038</b>	<b>-24.6%</b>

Note: The fiscal 2007 appropriation does not include deficiencies, and the fiscal 2008 allowance does not reflect contingent reductions.