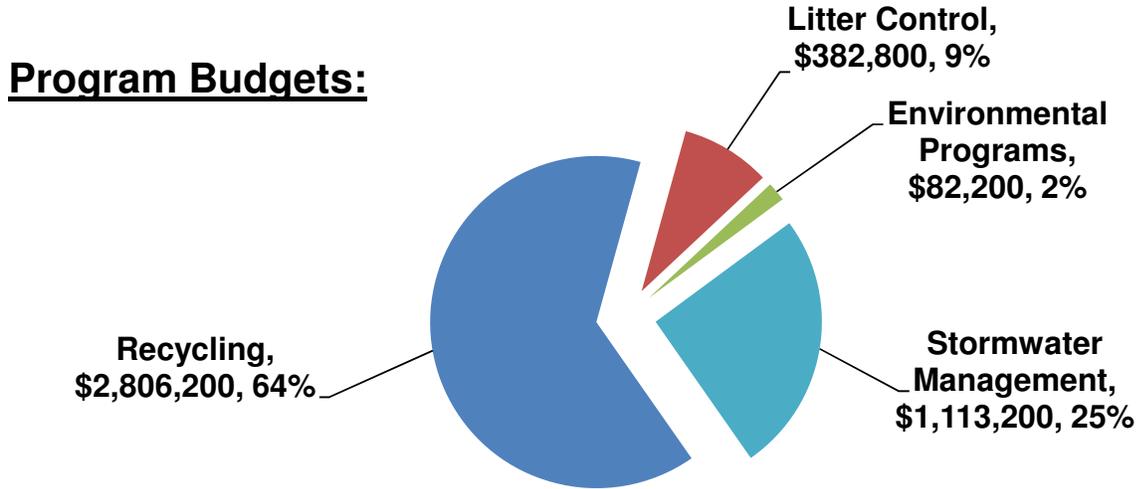


# FISCAL YEAR 2013 Environmental Service Fund

**Total Operating Budget Request: \$4,375,700**

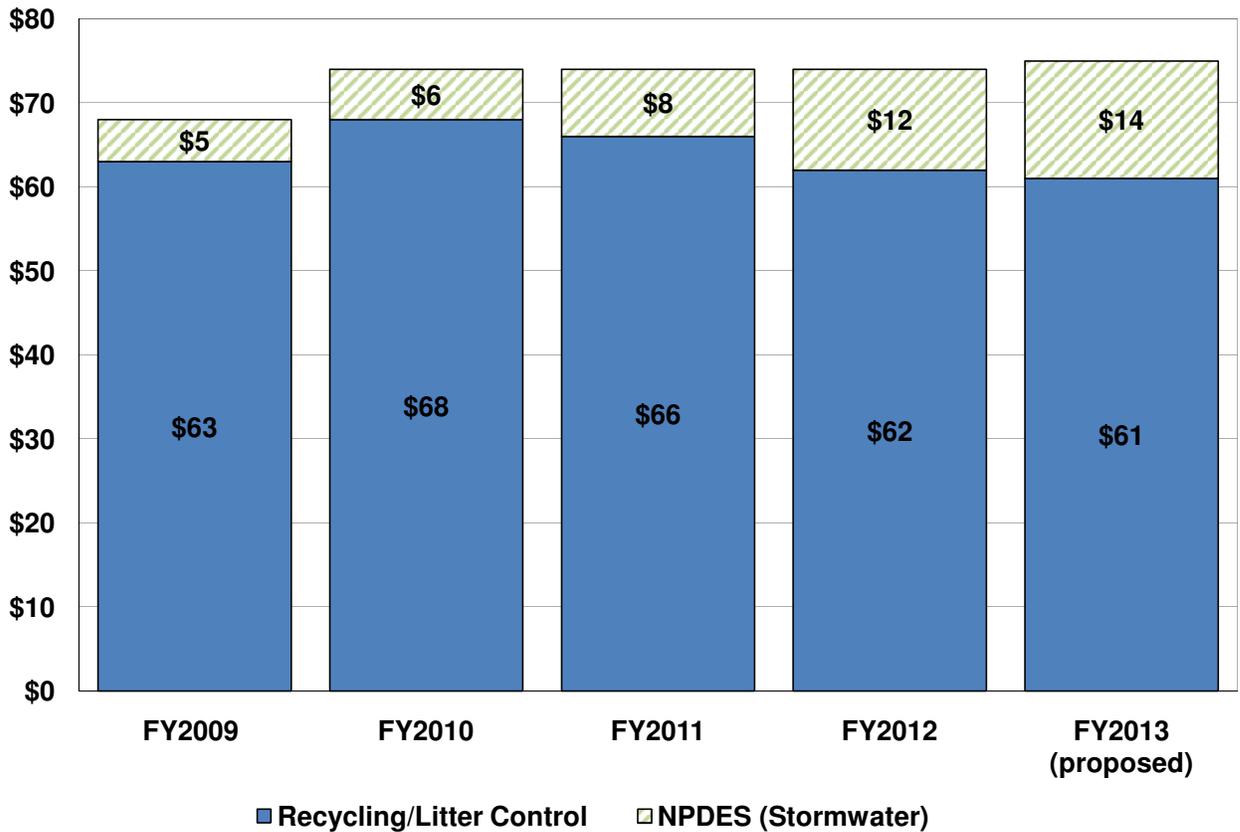


	FY2012 Adopted	FY2013 Request	Variance	% Change
<b>Revenues</b>	\$3,950,500	\$4,324,200	\$373,700	9.5%
<b>Expenditures</b>	3,950,500	4,375,700	425,200	10.8%
<b>Total Surplus / (Deficit)</b>	\$0	(\$51,500)	(\$51,500)	

**Reasons for the FY13 Proposed Deficit:**

Curbside Collection	CPI adjustment of 1% and 2,000 home expansion.	\$102,900
Global Positioning System (GPS)	Equips 10 County vehicles.	\$6,300
Debt Service	New equipment for Stormwater Maintenance	2,700
Increase in revenues and decrease in expenditures saves		(60,400)
<b>Total</b>		<b>\$51,500</b>

# Environmental Service Fee History



	FY 2009	FY 2009	FY 2010	FY 2011	FY 2012 Proposed
<b>Total Fee</b>	<b>\$68</b>	<b>\$74</b>	<b>\$74</b>	<b>\$74</b>	<b>\$75</b>

# ENVIRONMENTAL SERVICE FUND

	FY2012 Adopted	FY2013 Request	Variance	% Change
<b>FUND TOTAL:</b>				
Operating Revenue	\$3,782,800	\$3,881,300	\$98,500	2.6%
Total Expenditures	3,950,500	4,375,700	425,200	10.8%
Operating Gain/(Loss)	(\$167,700)	(\$494,400)	(\$326,700)	
Fund Balance	167,700	442,900	275,200	164.1%
Surplus / (Deficit)	<u>\$0</u>	<u>(\$51,500)</u>	<u>(\$51,500)</u>	

**Fee Increase to balance the budget:            \$1.00**

## PROGRAM BUDGETS

### RECYCLING/LITTER CONTROL:

#### Revenue

Environmental Service Fee	\$2,936,100	\$2,872,000	(\$64,100)	-2.2%
Sale from Recyclable Materials	113,300	156,300	43,000	38.0%
Compost Tipping Fee	39,000	39,000	0	0.0%
Tire Disposal	15,000	15,000	0	0.0%
Miscellaneous	13,700	13,700	0	0.0%
Total Operating Revenues	\$3,117,100	\$3,096,000	(\$21,100)	-0.7%
Equipment Reserve Fund Balance	120,000	35,000	(85,000)	-70.8%
Fund Balance	0	80,000	80,000	NEW
Total Revenues	\$3,237,100	\$3,211,000	(\$26,100)	-0.8%

#### Expenditures

Salary & Fringe	\$1,084,900	\$1,086,000	\$1,100	0.1%
Operating	1,911,200	2,014,200	103,000	5.4%
Capital	241,000	156,000	(85,000)	-35.3%
Total Baseline Request	\$3,237,100	\$3,256,200	\$19,100	0.6%
Program Enhancement	0	6,300	6,300	NEW
Total Expenditures	\$3,237,100	\$3,262,500	\$25,400	0.8%
Surplus / (Deficit)	<u>\$0</u>	<u>(\$51,500)</u>		

#### Program Enhancements

Contract Services	GPS Monitoring of 10 County vehicles.	\$3,000
General Supplies	GPS units for 10 County vehicles	3,300
Total Program Enhancements		\$6,300

**A \$1.00 rate increase to the ESF fee or an expenditure reduction of \$51,500 will be required to balance the Recycling/Litter Control budget.**

# **ENVIRONMENTAL SERVICE FUND**

	FY2012 Adopted	FY2013 Request	Variance	% Change
<b><i>Stormwater Management:</i></b>				
<b><u>Revenue</u></b>				
Environmental Service Fee	\$600,700	\$720,300	\$119,600	19.9%
Lot Recordation	50,000	50,000	0	0.0%
Total Operating Revenues	\$650,700	\$770,300	\$119,600	18.4%
Reserve Fund Balance	47,700	227,900	180,200	377.8%
Unreserve Fund Balance	0	100,000	100,000	NEW
Total Revenues	\$698,400	\$1,098,200	\$399,800	57.2%
<b><u>Expenditures</u></b>				
Salary & Fringe	\$110,900	\$250,300	\$139,400	125.7%
Operating	587,500	845,200	257,700	43.9%
Total Expenditures	\$698,400	\$1,095,500	\$397,100	56.9%
Program Enhancements		2,700	\$2,700	NEW
Total Request	\$698,400	\$1,098,200	\$399,800	
<b>Surplus / (Deficit)</b>	<u>\$0</u>	<u>\$0</u>		

## **Program Enhancements**

Mini Excavator (Split with the General Fund, Total Cost=\$50,000)	Needed for storm water maintenance. Clean pipes and ditches that a backhoe is too large to get to. Will increase efficiency of crews w/less manual labor. Aging subdivisions are requiring increased drainage maintenance.	2,700	<i>Capital          Lease. Total          Cost -          \$50,000</i>
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# **ENVIRONMENTAL SERVICE FUND**

		FY2012 Adopted	FY2013 Request	Variance	% Change
<b><i>Afforestation &amp; Reforestation:</i></b>					
<b><u>Revenue</u></b>	Fee-in-Lieu	\$5,000	\$5,000	\$0	0.0%
<b><u>Expenditures</u></b>	Operating Costs	\$5,000	\$5,000	\$0	0.0%
<b>Surplus / (Deficit)</b>		<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	N/A
<b><i>Critical Area:</i></b>					
<b><u>Revenue</u></b>	Fee-in-Lieu	\$10,000	\$10,000	\$0	0.0%
<b><u>Expenditures</u></b>	Operating Costs	\$10,000	\$10,000	\$0	0.0%
<b>Surplus / (Deficit)</b>		<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	N/A
<b><i>Pisgah Wells:</i></b>					
<b><u>Revenue</u></b>	ESF Fee	\$0	\$0	\$0	N/A
<b><u>Expenditures</u></b>	Operating Costs	\$0	\$0	\$0	N/A
<b>Surplus / (Deficit)</b>		<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	N/A

## Environmental Services

**Department:** Public Works - Facilities 35.05  
**Division \ Program:** Recycling & Litter Control Fund: Enterprise  
**Program Administrator** Dennis Fleming, Chief of Environmental Resources

Expenditure Category	FY2011 Actual	FY2012 Adopted	FY2013 Proposed	FY2013 Adopted	\$ Change from FY2012	% Chg.
Personal Services	\$755,463	\$836,000	\$834,200		(\$1,800)	-0.2%
Fringe Benefits	239,733	248,900	251,800		2,900	1.2%
Operating Costs	1,750,732	1,846,500	1,947,600		101,100	5.5%
Debt Service	74,124	64,700	66,600		1,900	2.9%
Capital Outlay	0	120,000	35,000		(85,000)	-70.8%
Equipment Reserve	121,000	121,000	121,000		0	0.0%
<b>Total Expenditures</b>	<b>\$2,941,053</b>	<b>\$3,237,100</b>	<b>\$3,256,200</b>	<b>\$0</b>	<b>\$19,100</b>	<b>0.6%</b>

### Changes and Useful Information:

- Personal Services was adjusted for turnover.
- Fringe Benefits increase is due to increase Health & Dental participation.
- Reasons for the Operating Costs increase of 5.5%:
  - The curbside collection funding was increased by \$102,900 for the CPI adjustment of 1% and for a 2,000 home expansion.
  - Vehicle Fuel funding was increased by \$22,000 to keep pace with the FY 2012 estimated year end cost.
  - Other operating costs were decreased by \$23,800.
- Debt Service adjustment is based on current debt service schedules.
- Capital Outlay budget request is to replace four roll off/receiver boxes and a variable message board with solar charge. The message board is needed to aid the litter control program and to provide a safer work site for litter control crews.
- The Equipment Reserve Fund Balance will approximately be \$845,313 on June 30, 2013.

### Description:

The Recycling Division provides comprehensive recycling services to the residents of Charles County and has achieved a 50% recycling rate. Over 32,000 households are served by curbside collection of recyclable materials with the remaining residents being served by four permanent and three mobile recycling centers. The permanent centers are located at Gilbert Run Park in Dentsville, Breeze Farm in Cobb Island, the Landfill in Waldorf, and the old Landfill at Pisgah. There is also an unmanned recycling center located in Benedict at the Benedict Volunteer Fire Department.

The Division markets and transports most of the materials collected. The Recycling Division also administers: a composting facility, the Household Hazardous Waste Program, Litter Control, and the Potomac River Clean-up. The Household Hazardous Waste Program, held at the Department of Public Works - La Plata office, allows residents to properly dispose of poisons, gas, paint, and chemicals. The Litter Control Program assists in keeping County roads litter free and also helps in cleaning up illegal dump sites.

### Positions:

Title	FY09 FTE	FY10 FTE	FY11 FTE	FY12 FTE	FY13 FTE
Director of Public Works	0.0	0.0	0.0	0.1	0.1
Asst. Dir. of Public Works - Facilities	0.0	0.0	0.0	0.1	0.1
Financial Support Manager	0.0	0.0	0.0	0.1	0.1
Recycling/Litter Control Superintendent	1.0	1.0	1.0	1.0	1.0
Recycling Manager	1.0	1.0	1.0	1.0	1.0
Recycling Supervisor	1.0	1.0	1.0	1.0	1.0
Management Support Specialist	0.0	0.0	0.0	0.1	0.1
Equipment Operator IV	2.0	2.0	2.0	2.0	2.0
Litter Control Supervisor	2.0	3.0	3.0	3.0	3.0
Administrative Associate	0.0	0.0	0.0	0.1	0.1
Solid Waste Worker	4.0	2.5	2.5	2.5	2.5
Part Time Positions	13.5	13.5	13.5	13.5	13.5
<b>Total Full Time Equivalent</b>	<b>24.5</b>	<b>24.0</b>	<b>24.0</b>	<b>24.4</b>	<b>24.4</b>

## Environmental Services

<b>Department:</b>	Public Works - Facilities	35.05
<b>Division \ Program:</b>	Recycling & Litter Control	Fund: Enterprise
<b>Program Administrator</b>	Dennis Fleming, Chief of Environmental Resources	

<b><u>Objectives &amp; Measurements:</u></b>	<b>FY09 Actual</b>	<b>FY10 Actual</b>	<b>FY11 Actual</b>	<b>FY12 Projected</b>	<b>FY13 Estimated</b>
<b>Curbside Collection</b>					
<i>Objective: continue expansion of the curbside collection program into the growth areas.</i>					
Curbside collection tons	3,130	3,100	3,200	3,200	3,300
# of homes	32,223	32,367	32,775	33,581	35,081
% of homes in program	66.0%	66.0%	66.0%	66.0%	66.0%
tons per home	25	25	25	25	25
# of complaints	134	351	485	400	400
# of bins distributed	2,322	2,949	2,910	2,950	2,950
<b>Recycling Centers</b>					
<b><u>Number of Patrons:</u></b>					
Total Patrons	168,423	178,353	181,097	181,600	183,250
<b>Composting Facility</b>					
<i>Objective: To recycle all yard waste in order to keep it out of Landfill's waste stream.</i>					
Yard Waste Tonnage	13,706	11,567	10,674	11,100	12,230
Number of Patrons	21,150	17,761	18,763	19,000	19,300
Household hazardous waste (tons)	40	44	45	45	45
Mulch given away (tons)	8,230	8,250	8,300	8,350	8,400
Compost utilized (tons)	830	829	825	850	850
Used Oil Collected (gallons)	42,481	48,257	48,075	48,500	48,500

## Environmental Services

**Department:** Planning and Growth Management 35.07  
**Division \ Program:** Various Environmental Programs Fund: Enterprise  
**Program Administrator:** Steven Ball, Director of Planning  
 Jason Groth, Chief of Resource & Infrastructure Management

Expenditure Category	FY2011 Actual	FY2012 Adopted	FY2013 Proposed	FY2013 Adopted	\$ Change from FY2012	% Chg.
Personal Services	\$39,575	\$85,500	\$190,000		\$104,500	122.2%
Fringe Benefits	9,876	25,400	60,300		34,900	137.4%
Operating Costs	167,183	199,500	521,600		322,100	161.5%
Operating Contingency	0	122,200	0		(122,200)	-100.0%
Debt Service	217,867	280,800	338,600		57,800	20.6%
<b>Total Expenditures</b>	<b>\$434,501</b>	<b>\$713,400</b>	<b>\$1,110,500</b>	<b>\$0</b>	<b>\$397,100</b>	<b>55.7%</b>

### Changes and Useful Information:

- Personal Services and Fringe Benefits budgets were adjusted to match staff's current workload on Stormwater Management Programs.
- Maryland Department of Environment has expanded their NPDES requirement. For FY 2012, a Contingency budget was established to fund the potential cost of the NPDES permit that was under legal review. For FY 2013, \$122,200 is included in the operating budget.
- Operating Increase reflects increased cost associated with the MS4 Permit for the following items:
  - Consultant cost will increase \$20,200 and Mapping Services of \$166,900
  - \$10,000 to modify local ordinances to eliminate impediments to, and promote implementation of Environmental Site Design (ESD)
  - \$75,000 for maintenance implementation plan for reducing, quantifying, and tracking litter and other stormwater pollutants, such as herbicides, pesticides, fertilizers, and deicers, from County roads and grounds. The plan will include and evaluate elements such as an educational component, street sweeping, inlet cleaning, employee training, integrated pest management, herbicide, pesticide and fertilizer applications, and quantifying and tracking stormwater pollutant reductions from these elements.
- Operating Increase also includes \$100,000 for the first year of the Watershed Implementation Program (WIP).
- The increase in Debt Service is to cover the interest payment on the 2012 Bond Issue of \$700,000 to fund NPDES projects.

### Description:

#### National Pollutant Discharge Elimination System Permit (NPDES)

Charles County has received its NPDES for its Municipal Separate Storm Sewer System. The permit runs for five years and requires the County to develop and implement a number of programs to monitor and control water quality. Highlights of the work products include:

- Initiation of a long-term monitoring program in the Development District will continue with the next permit application. The County completed work with the Smithsonian Environmental Research Center on the monitoring program, which focused on the Mattawoman Creek watershed, measured nutrient loads, and tested for certain heavy metals.
- Development of an Illicit Discharge Detection and Enforcement Program for the County's storm sewer system. It is illegal for individuals or businesses to discharge certain substances into the storm sewers, and the County is responsible for finding and enforcing violations. The County relies heavily on a public education element to prevent illicit discharges, and has also incorporated penalties for serious and repeat violations.
- Updating the mapping of the County's storm sewer system in the County's Geographic Information System.. The County also continues to update and digitize storm water facilities in the development district since 1991. A contractor is performing this duty.

## Environmental Services

<b>Department:</b>	Planning and Growth Management		35.07
<b>Division \ Program:</b>	Various Environmental Programs	Fund:	Enterprise
<b>Program Administrator</b>	Steven Ball, Director of Planning Jason Groth, Chief of Resource & Infrastructure Management		

### Forest Conservation

The Forest Conservation Ordinance states that Charles County must establish a Forest Conservation Fund. If a person subject to this ordinance demonstrates that requirements for reforestation or afforestation cannot be reasonably accomplished, the person shall contribute money, at a rate of 30 cents per square foot of the area required planting, into the fund. Money contributed may retain in the account for a period of 10 years.

Funds can be used for costs directly related to reforestation or afforestation, including site identification, acquisition, and preparation. Money not used within 10 years is returned to applicant.

### Critical Area

Applicants who cannot comply with the offsetting requirements of the Critical Area Ordinance must pay into a fee-in-lieu program. Any fees-in-lieu collected shall be placed in an account that will assure use of such fees only for projects within the Critical Area for the benefit of wildlife habitat, water quality improvement, or environmental education. Fees shall be assessed at \$1.20 per square foot for any requirements that cannot be implemented on-site.

### Pisgah Wells

Under the Pisgah Well Program the County assists residents in drilling a new well within a half mile radius of the Pisgah landfill.

<b><u>Positions:</u></b>	<b><u>FY09</u></b>	<b><u>FY10</u></b>	<b><u>FY11</u></b>	<b><u>FY12</u></b>	<b><u>FY13</u></b>
<u>Title</u>	<u>FTE</u>	<u>FTE</u>	<u>FTE</u>	<u>FTE</u>	<u>FTE</u>
Resource Manager	0.0	0.0	0.0	0.5	0.5
Planner III	0.0	0.5	0.5	0.5	0.8
Engineer I - IV	0.0	0.0	0.0	0.0	1.0
Office Associate I	0.0	0.0	0.0	0.0	0.3
<b>Total Full Time Equivalent</b>	<b>0.0</b>	<b>0.5</b>	<b>0.5</b>	<b>1.0</b>	<b>2.5</b>

Environmental Service Fund 5-YEAR PLAN	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total '13-'17
<b>FY2013-FY2017 CAPITAL IMPROVEMENT PLAN</b>						
<i>(\$ in thousands)</i>						
<b>Capital Costs:</b>						
NPDES Retrofit Projects	\$5,657	\$4,994	\$3,061	\$3,061	\$3,061	\$19,834
Hoghole Run Living Shoreline	0	112	199	199	199	709
Jennie Run Subwatershed Restoration	0	249	338	338	338	1,263
Total without inflation	\$5,657	\$5,355	\$3,598	\$3,598	\$3,598	\$21,806
Contingency - inflation	167	380	449	689	904	2,589
<b>Total</b>	<b>\$5,824</b>	<b>\$5,735</b>	<b>\$4,047</b>	<b>\$4,287</b>	<b>\$4,502</b>	<b>\$24,395</b>
<b>Finance Sources</b>						
ESF Bonds	\$5,824	\$5,735	\$4,047	\$4,287	\$4,502	\$24,395
<b>Total</b>	<b>\$5,824</b>	<b>\$5,735</b>	<b>\$4,047</b>	<b>\$4,287</b>	<b>\$4,502</b>	<b>\$24,395</b>
Debt Service (New Bonds- lag one year)		\$524	\$516	\$364	\$386	

**FISCAL NOTES:**

*A funding source needs to be determined for the debt service and additional operating expenses associated with Stormwater Programs such as the National Pollution Discharge Elimination Program (NPDES) and Watershed Implementation Plan (WIP). Currently these programs are being studied by a consultant. Results of the study will be reviewed and ultimately recommendations will be forthcoming. In the meantime, funding is adequate through FY2013.*

# REQUESTED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

**PROJECT NAME:**

**NPDES Retrofit Projects**

**Requested By: PGM**

**Project #: 8019**

The project is based on the 2004, 2007 and 2011 Watershed Restoration Studies which are part of the County's 2002 NPDES municipal stormwater permit. The 2002 permit requires restoration of 10% of untreated impervious surface in the Development District. These studies identified projects to meet the restoration requirement.

Project study areas include: Carrington, Pinefield, Bryan's Road, Acton-Hamilton, Marbella Delight, Fox Run, Lancaster, West Lake Village, Ryon Woods, White Plains, St. Charles, Wakefield, Bannister, Hunt Club Estates, Northwood, Jenifer Elementary School, Berry Road North, Briarwood, Leonardtown Road, Pinefield Center, Potomac Branch Library, and Waldorf Commercial Corridor. Potomac Heights is an additional area of restoration identified separately.

The Carrington project is complete. Pinefield, Bryan's Road, Acton-Hamilton, Bannister, Fox Run, Lancaster, Northwood, Ryon Woods, and White Plains are in design.

Restoration of untreated impervious surface can be done by constructing water quality facilities, stream restoration, programmatic enhancements, and/or through educational outreach. Program requirements are expected to increase to 20% and will be determined when the permit is issued to the County.

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$210	\$210	\$130	\$130	\$130	\$810	\$213	\$400	\$1,423
Land & ROW	1,050	1,050	583	583	583	3,849	2,555	1,500	7,904
Construction	3,751	3,152	1,944	1,944	1,944	12,735	4,465	4,992	22,192
Equipment	0	0	0	0	0	0	0	0	0
Administration	116	116	74	74	74	454	138	80	672
Inspection	130	130	130	130	130	650	149	60	859
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	400	336	200	200	200	1,336	511	480	2,327
<b>Total Outlay</b>	<b>\$5,657</b>	<b>\$4,994</b>	<b>\$3,061</b>	<b>\$3,061</b>	<b>\$3,061</b>	<b>\$19,834</b>	<b>\$8,030</b>	<b>\$7,512</b>	<b>\$35,376</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$5,657	\$4,994	\$3,061	\$3,061	\$3,061	\$19,834	\$8,030	\$7,512	\$35,376
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
Total County Funding	\$5,657	\$4,994	\$3,061	\$3,061	\$3,061	\$19,834	\$8,030	\$7,512	\$35,376
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$5,657</b>	<b>\$4,994</b>	<b>\$3,061</b>	<b>\$3,061</b>	<b>\$3,061</b>	<b>\$19,834</b>	<b>\$8,030</b>	<b>\$7,512</b>	<b>\$35,376</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	508.8	449.2	275.3	275.3	1,508.6	722.2	950.9	3,181.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$508.8</b>	<b>\$449.2</b>	<b>\$275.3</b>	<b>\$275.3</b>	<b>\$1,508.6</b>	<b>\$722.2</b>	<b>\$950.9</b>	<b>\$3,181.8</b>

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$5,656	\$4,993	\$3,060	\$3,060	\$16,769
Increase/(Decrease)	\$1	\$1	\$1	\$1	\$4
% change	0.0%	0.0%	0.0%	0.0%	0.0%

**LOCATION:**

Charles County Development District- see description

# REQUESTED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2013

(\$ in thousands)

**PROJECT NAME:**

**Hoghole Run Living Shoreline**

**Requested By: PGM**

**Project #:**

The Port Tobacco River Watershed Restoration Action Strategy, as adopted for implementation by the County Commissioners in July 2007, recommends a living shoreline demonstration project (MI-17) be completed in the vicinity of Hoghole Run Watershed to engage citizens in learning skills that will enable them to duplicate the concepts on their property. Widespread use of natural shorelines will help restore water and habitat quality in the River. Citizen and volunteer outreach and training will be supported by the Department of Natural Resources Chesapeake and Coastal Program. The project is estimated at 300 linear feet in a medium energy river environment.

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$0	\$75	\$0	\$0	\$0	\$75	\$0	\$0	\$75
Land & ROW	0	18	0	0	0	18	0	0	18
Construction	0	0	180	180	180	540	0	0	540
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	10	10	10	10	40	0	0	40
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	9	9	9	9	36	0	0	36
<b>Total Outlay</b>	<b>\$0</b>	<b>\$112</b>	<b>\$199</b>	<b>\$199</b>	<b>\$199</b>	<b>\$709</b>	<b>\$0</b>	<b>\$0</b>	<b>\$709</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year			
						Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$0	\$112	\$199	\$199	\$199	\$709	\$0	\$0	\$709
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$112</b>	<b>\$199</b>	<b>\$199</b>	<b>\$199</b>	<b>\$709</b>	<b>\$0</b>	<b>\$0</b>	<b>\$709</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$112</b>	<b>\$199</b>	<b>\$199</b>	<b>\$199</b>	<b>\$709</b>	<b>\$0</b>	<b>\$0</b>	<b>\$709</b>

Operating Budget Impact									
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	10.1	17.9	17.9	45.9	0.0	17.9	63.8
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$10.1</b>	<b>\$17.9</b>	<b>\$17.9</b>	<b>\$45.9</b>	<b>\$0.0</b>	<b>\$17.9</b>	<b>\$63.8</b>

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$0	\$111	\$198	\$198	\$507
Increase/(Decrease)	\$0	\$1	\$1	\$1	\$3
% change	n/a	0.9%	0.5%	0.5%	0.6%

**LOCATION:**

North Port Tobacco River

## REQUESTED CAPITAL IMPROVEMENT PROGRAM

### FISCAL YEAR 2013

(\$ in thousands)

<b>PROJECT NAME:</b>	<b>Requested By: PGM</b>
<b>Jennie Run Subwatershed Restoration</b>	<b>Project #:</b>
<p>This project is to improve water quality in several locations of the Jennie Run Subwatershed as part of the solution to achieve the Port Tobacco River Total Maximum Daily Load (TMDL) for nutrients approved by EPA in 1999, and to implement the Port Tobacco River Watershed Restoration Action Strategy. The nine projects identified are in the categories of stream restoration, stormwater outfall repair, stormwater retrofits, buffer enhancements and water quality education. Concentrating several projects in a small watershed is expected to show the greatest improvement to water quality.</p>	

EXPENSE BUDGET	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Architectural & Engineering	\$0	\$190	\$0	\$0	\$0	\$190	\$0	\$0	\$190
Land & ROW	0	20	0	0	0	20	0	0	20
Construction	0	0	281	281	281	843	0	0	843
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	20	29	29	29	107	0	0	107
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	19	28	28	28	103	0	0	103
<b>Total Outlay</b>	<b>\$0</b>	<b>\$249</b>	<b>\$338</b>	<b>\$338</b>	<b>\$338</b>	<b>\$1,263</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,263</b>

FINANCING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
Bonds	\$0	\$249	\$338	\$338	\$338	\$1,263	\$0	\$0	\$1,263
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	0	0	0	0	0	0	0	0	0
<b>Total County Funding</b>	<b>\$0</b>	<b>\$249</b>	<b>\$338</b>	<b>\$338</b>	<b>\$338</b>	<b>\$1,263</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,263</b>
Federal	0	0	0	0	0	0	0	0	0
State	0	0	0	0	0	0	0	0	0
Other:	0	0	0	0	0	0	0	0	0
<b>Total Funding</b>	<b>\$0</b>	<b>\$249</b>	<b>\$338</b>	<b>\$338</b>	<b>\$338</b>	<b>\$1,263</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,263</b>

Operating Budget Impact	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	5-Year Total '13-'17	Approp. thru FY12	Beyond FY 2017	Project Total
No. of Personnel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	0.0	0.0	22.4	30.4	30.4	83.2	0.0	30.4	113.6
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$22.4</b>	<b>\$30.4</b>	<b>\$30.4</b>	<b>\$83.2</b>	<b>\$0.0</b>	<b>\$30.4</b>	<b>\$113.6</b>

**VARIANCE TO APPROVED PER FY12-FY16 CAPITAL IMPROVEMENT PROGRAM:**

	FY 2013	FY 2014	FY 2015	FY 2016	TOTAL
Approved FY12-FY16 CIP	\$0	\$248	\$337	\$337	\$922
Increase/(Decrease)	\$0	\$1	\$1	\$1	\$3
% change	n/a	0.4%	0.3%	0.3%	0.3%

**LOCATION:**

The restoration projects are concentrated in the Jennie Run Subwatershed of the Port Tobacco River Watershed.