

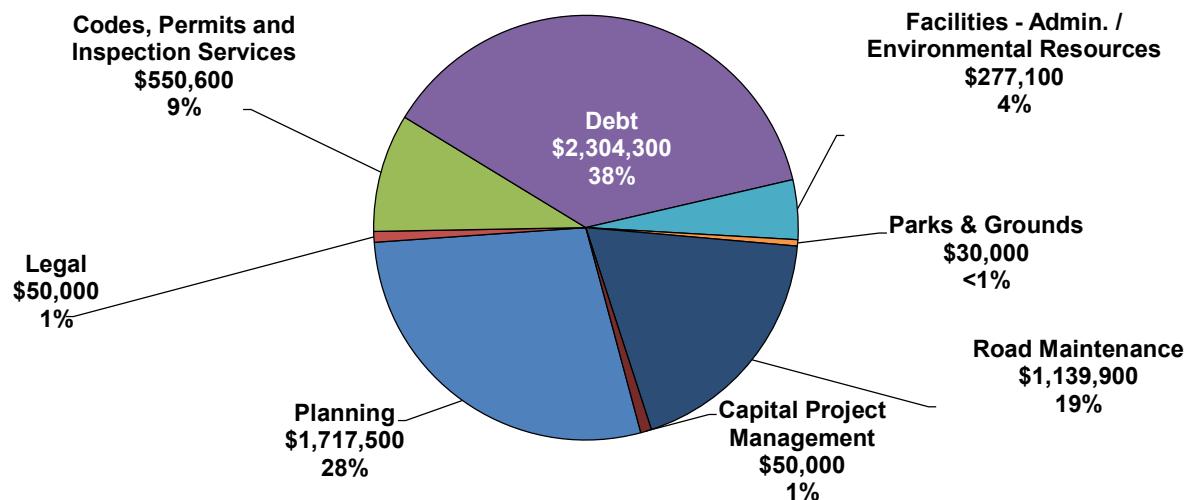
## FISCAL YEAR 2022

### Watershed Protection and Restoration Fund

The County's Watershed Protection and Restoration Fund is for implementation of local stormwater management plans and practices, and stream and wetland restoration activities. The fund covers related planning, mapping, monitoring, inspections, enforcement, operations and maintenance, public education and outreach, grants to non-profits, administrative costs, and debt service payments to support the capital improvement program. Revenues are generated primarily by the Stormwater Remediation Fee, which is charged annually to each improved property within the County. The FY2022 proposed budget includes funding for 12.9 Full Time Equivalent positions.

**Total Operating Budget: \$6,119,400**

**Division Budgets:**



	FY2021 Adopted	FY2022 Request	FY2021 Proposed	Variance	% Change
Revenues	\$5,070,100	\$5,082,100	\$5,082,100	\$12,000	0.2%
Expenditures	5,070,100	5,663,000	5,663,000	\$592,900	11.7%
<b>Baseline Surplus / (Deficit)</b>	<b>\$0</b>	<b>(\$580,900)</b>	<b>(\$580,900)</b>	<b>(\$580,900)</b>	
New Requests		(\$292,400)	(\$292,400)	(\$292,400)	
<b>Total Surplus / (Deficit)</b>	<b>\$0</b>	<b>(\$873,300)</b>	<b>(\$873,300)</b>	<b>(\$873,300)</b>	
Fund Balance	509,000	164,000	164,000		
Use of Fund Balance	(509,000)	(164,000)	(164,000)		
<b>Surplus / (Deficit)</b>	<b>\$0</b>	<b>(\$873,300)</b>	<b>(\$873,300)</b>	<b>(\$873,300)</b>	

A \$1 adjustment on fee generates approximately: \$51,985

## FISCAL YEAR 2022

### Watershed Protection and Restoration Fund

		Fee Rate Change
<b><u>Baseline Changes:</u></b>		
<b>PGM</b>		
Reduction in CPIS Contract Services to support PGM reorganization	\$100,000	(\$1.92)
<b>Revenues</b>		
Decrease in Fund Balance due to decreased General Fund support. (FY21 Rate Stabilization)	(\$200,000)	\$3.85
<b>Debt Service</b>		
Increase to various principal and interest to cover existing debt.	(\$113,300)	\$2.18
<b>Personnel &amp; Fringe</b>		
Increase in Personnel & Fringe includes the full year impact of the FY2021 approved positions, a PGM reorganization and implementing the classification & compensation study.	(\$81,400)	\$1.57
<b>DPW</b>		
Inlet Inspections increased by \$50,000. One additional contract Inspector is needed to keep up with inspections of failing inlet and stormwater devices and systems, increased pond inspections and repairs, and inlet inspections.	(\$50,000)	\$0.96
Increase in the budget for Marsh Maintenance Monitoring to meet annual inspection requirements for all shoreline and stream restoration projects completed under the NPDES program.	(\$49,000)	\$0.94
<b>Capital Project Management</b>		
Establishing funding to support the new Department.	(\$50,000)	\$0.96
<b>Capital Projects</b>		
Additional funding needed for the Floodplain Analysis Study CIP	(\$33,000)	\$0.63
<b>Contingency</b>		
The equivalent cost of a potential employee salary increases for FY2022.	(\$25,900)	\$0.50
<b>OPEB</b>		
Increase in annual OPEB Contribution	(\$15,500)	\$0.30
<b>Net change in revenues/expenditures</b>	<b>(\$62,800)</b>	<b>\$1.21</b>
<b>Total Baseline Deficit:</b>	<b>(\$580,900)</b>	<b>\$11.00</b>

## FISCAL YEAR 2022

### Watershed Protection and Restoration Fund

		Fee Rate Change
<b><u>New Requests:</u></b>		
<b>PGM</b>		
<i>Engineer III</i>	1.00 FTE	(\$88,800)      \$1.71
An Engineer III position is needed to help establish the project evaluation criteria, project development processes, and technical parameters to establish capital improvement projects in order to create a technical assessment team for the County Drainage Improvement Program. September Hire		
<i>Charles County Waterman's Association</i>	(\$53,200)	\$1.02
Funding to the association to plant 14 million spat on shell oysters in the Wicomico River. Memorandum of Understanding will need to be established to start the program with the intent to provide the County with the ability to receive credits to meet its MS4 permit requirements.		
<i>Agricultural Nutrient Trading Program</i>	(\$50,000)	\$0.96
To establish a new program to provide nutrient trading with coordination with the Soil Conservation District. This program will provide the County with the ability to received credits to meet its MS4 permit requirements.		
<i>Climate Resilience and Sustainability Officer</i>	0.50 FTE	(\$42,600)      \$0.82
With the advent of the new CPM Department and the Charles County Resilience Authority, coordination on all planning matters concerning climate change will be paramount. This position will provide oversight on all of planning's resiliency projects by providing project management and coordination between divisions, departments and outside agencies. They will serve as PGM's point of contact with the Authority, develop a sustainability plan and create and provide public education on this topic. September Hire.		
<i>Employee Education Budget Increase</i>	(\$5,600)	\$0.11
Additional training is needed for engineers to assist with review of NPDES projects and development of design solutions for County projects, to assist with MS4 permit requirements, and help Planners and Engineers upkeep knowledge required for MS4 permit, and learn about new concepts, etc.		
<i>Dues &amp; Subscriptions Budget Increase</i>	(\$3,500)	\$0.07
Increase for certifications and trainings for Engineers needed to perform their work.		
<i>Increase in Indirect Cost Allocation: Workers Comp Specialist</i>	(\$2,400)	\$0.05
WPRF fund support of new position being requested in the General Fund.		
<i>Increase in Indirect Cost Allocation: Account Payable Manager</i>	(\$1,400)	\$0.03
WPRF fund support of new position being requested in the General Fund.		

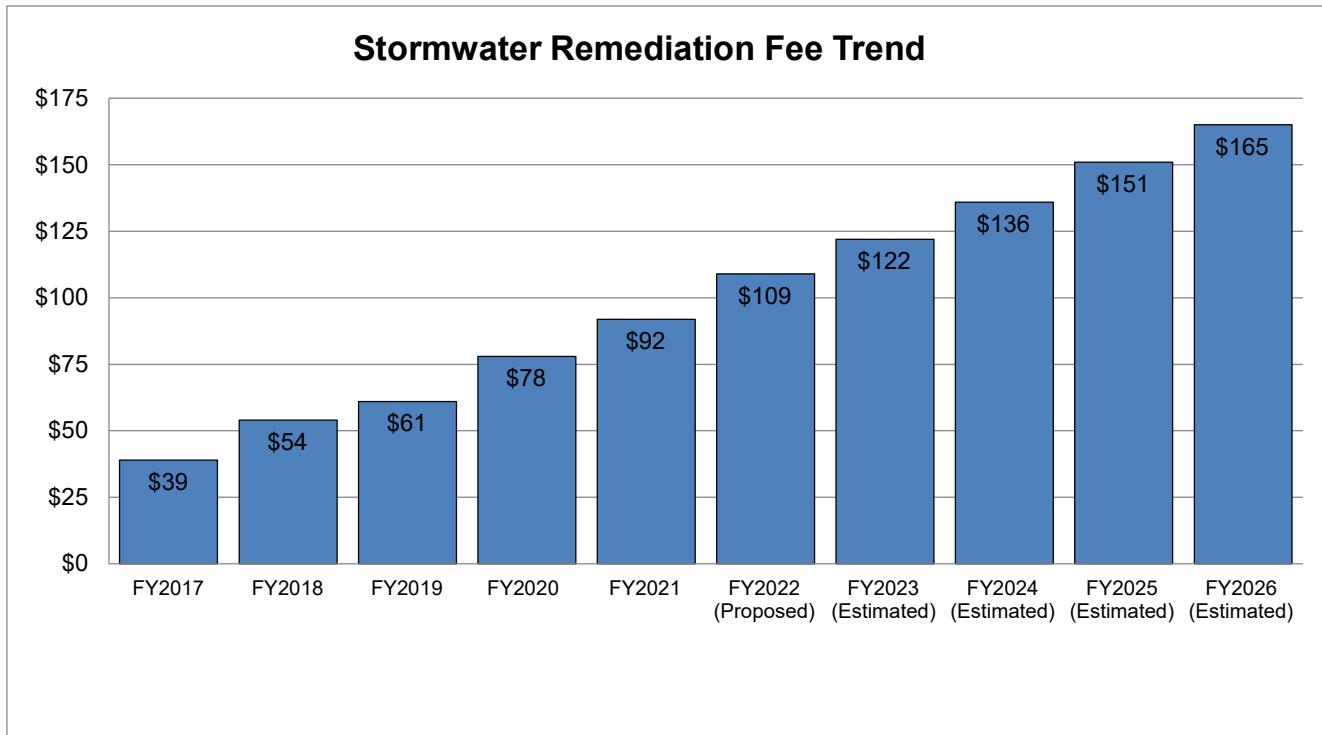
## FISCAL YEAR 2022

### Watershed Protection and Restoration Fund

			Fee Rate Change
<b><u>New Requests cont.:</u></b>			
<b>DPW-PF- Roads</b>			
<i>Grapple Debris Truck</i>	Capital: \$235,000; Lease: \$24,800	(\$24,800)	\$0.48
This truck is needed for clean up during and after storm events. It can remove vegetation and large debris from roadway and SWM areas. Roads is currently having to borrow this type of truck from Environmental Resources and it is often not available. This truck can be used as an on call / emergency response vehicle that will increase response time to road closures.			
<i>Mini Excavator</i>	Capital: \$160,000; Lease: \$16,900	(\$16,900)	\$0.33
Excavator is needed to assist crews performing ditching, drainage, and pipe replacement repairs. This additional excavator is needed due to increased pipe failures and SWM drainage issues in the County's right of way. This is all contributed to the aging SWM infrastructure and metal pipes that are failing at a higher than expected rate. this excavator is a valuable tool for storm clean up when multiple crews are dispatched, and when other excavator is down or being PM'd.			
<i>Grapple Rake Attachment</i>	Capital: \$30,000; Lease: \$3,200	(\$3,200)	\$0.06
Attachment is needed for rubber tire loader that is used for storm clean up and SWM repairs.			
<b>Subtotal- New Requests</b>		<b>(\$292,400)</b>	<b>\$6.00</b>
<b>Total Deficit:</b>		<b>(\$873,300)</b>	<b>\$17.00</b>

Current Fee	\$92
Fee increase needed to cover deficit	\$17
	<b>\$109</b>

## FISCAL YEAR 2022 Watershed Protection and Restoration Fund



NOTE: At FY2021 Adoption, FAS was forecasting an \$18 rate increase would be needed for FY2022.

**FISCAL YEAR 2022**  
**Watershed Protection and Restoration Fund**

	<b>FY2021 Adopted</b>	<b>FY2022 Requested</b>	<b>FY2022 Proposed</b>	<b>\$ Change from FY2021</b>	<b>% Change</b>
<b><u>Revenue</u></b>					
Stormwater Remediation Fee	\$4,767,900	\$4,782,600	\$4,782,600	\$14,700	0.3%
Miscellaneous	7,200	5,000	5,000	(2,200)	-30.6%
Fee Credit	(5,000)	(5,500)	(5,500)	(500)	10.0%
Total Operating Revenues	\$4,770,100	\$4,782,100	\$4,782,100	\$12,000	0.3%
General Fund Subsidy	300,000	300,000	300,000	0	0.0%
Fund Balance	509,000	164,000	164,000	(345,000)	-67.8%
Total Revenues	\$5,579,100	\$5,246,100	\$5,246,100	(\$333,000)	-6.0%
<b><u>Expenditures</u></b>					
Salary & Fringe	\$983,600	\$1,065,000	\$1,173,600	\$190,000	19.3%
Operating	2,129,000	2,146,400	2,232,100	103,100	4.8%
Agency Funding	20,900	36,400	89,600	68,700	328.7%
Contingency	38,600	25,900	25,900	(12,700)	-32.9%
Debt Service	2,191,000	2,304,300	2,349,200	158,200	7.2%
Capital Project Transfer	216,000	249,000	249,000	33,000	15.3%
Total Baseline Request	\$5,579,100	\$5,827,000	\$6,119,400	\$540,300	9.7%
New Requests		292,400	0	0	n/a
Total Expenditures	\$5,579,100	\$6,119,400	\$6,119,400	\$540,300	9.7%
<b>Surplus / (Deficit)</b>	<b>\$0</b>	<b>(\$873,300)</b>	<b>(\$873,300)</b>	<b>(\$873,300)</b>	

**Use of Fund Balance for FY 2022:**

To continue the FY2021 TMDL Evaluation Study	\$90,000
Floodplain Analysis Studies CIP	\$74,000
	<b>\$164,000</b>

**WPRF****FUND**

(\$ in thousands)

**FY2022-FY2026 OPERATING PLAN**

	<u><b>FY 2022</b></u>	<u><b>FY 2023</b></u>	<u><b>FY 2024</b></u>	<u><b>FY 2025</b></u>	<u><b>FY 2026</b></u>
<b>Revenues</b>					
Operating Revenues	\$5,082.1	\$5,134.4	\$5,186.7	\$5,239.1	\$5,297.2
Fund Balance	164.0	0.0	0.0	0.0	0.0
<b>Revenues</b>	<b>\$5,246.1</b>	<b>\$5,134.4</b>	<b>\$5,186.7</b>	<b>\$5,239.1</b>	<b>\$5,297.2</b>
<b>Expenses</b>					
Operating Expenses	\$3,770.2	\$3,652.7	\$3,636.6	\$3,742.8	\$3,853.8
Debt Service	2,349.2	3,029.0	3,875.6	4,660.2	5,390.6
<b>Expenses</b>	<b>\$6,119.4</b>	<b>\$6,681.7</b>	<b>\$7,512.2</b>	<b>\$8,403.0</b>	<b>\$9,244.4</b>
<b>Surplus\Deficit:</b>	<b>(\$873.3)</b>	<b>(\$1,547.3)</b>	<b>(\$2,325.5)</b>	<b>(\$3,163.9)</b>	<b>(\$3,947.2)</b>
Estimated Annual					
Fee Adjustment:	<b>\$17</b>	<b>\$13</b>	<b>\$14</b>	<b>\$15</b>	<b>\$14</b>
Stormwater					
Remediation Fee:	<b>\$109</b>	<b>\$122</b>	<b>\$136</b>	<b>\$151</b>	<b>\$165</b>
% rate change	18.5%	11.9%	11.5%	11.0%	9.3%

**FY2022-FY2026 CAPITAL IMPROVEMENT PLAN**

	<u><b>FY 2022</b></u>	<u><b>FY 2023</b></u>	<u><b>FY 2024</b></u>	<u><b>FY 2025</b></u>	<u><b>FY 2026</b></u>	<b>Total</b>
						<b>'22-'26</b>
<b>Capital Costs:</b>						
NPDES Retrofit Projects	\$7,205	\$7,205	\$7,205	\$7,206	\$7,206	36,027
Floodplain Analysis Study	98	97	0	0	0	195
Gilbert Run Watershed Dam Repairs	990	905	0	0	0	1,895
Full Delivery of Water Quality Improvements	555	555	555	556	0	2,221
Benedict Water Quality Study	74	0	0	0	0	74
Total without inflation	\$8,922	\$8,762	\$7,760	\$7,762	\$7,206	\$40,412
Contingency - inflation	0	0	0	0	0	0
<b>Total</b>	<b>\$8,922</b>	<b>\$8,762</b>	<b>\$7,760</b>	<b>\$7,762</b>	<b>\$7,206</b>	<b>\$40,412</b>
<b>Finance Sources</b>						
Bonds	\$8,673	\$8,588	\$7,683	\$7,685	\$7,129	\$39,758
Operating Transfer	249	174	77	77	77	654
<b>Total</b>	<b>\$8,922</b>	<b>\$8,762</b>	<b>\$7,760</b>	<b>\$7,762</b>	<b>\$7,206</b>	<b>\$40,412</b>

# PROPOSED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2022

(\$ in thousands)

<b>PROJECT NAME:</b> <b>NPDES Retrofit Projects</b>		Requested By: DPW																																																																																																														
		Project #: 8019																																																																																																														
		Resilience Authority: Y																																																																																																														
<p>This project is to implement the County's Municipal Stormwater Restoration Plans for achieving stormwater waste load allocations assigned to impaired waterways. The pace of project implementation is determined by the County's NPDES municipal stormwater permit requirement to restore a percentage of the County's impervious surface that has not already been restored to the maximum extent practicable.</p> <p>Projects are primarily identified by watershed assessments, then evaluated and ranked for implementation. Project types include new or upgraded stormwater management facilities, green stormwater infrastructure, regenerative stream conveyance, stream restoration, shoreline management, septic practices, tree planting and other restoration practices per Maryland's Accounting for Stormwater Wasteload Allocations and Impervious Acres Treated Guidance for NPDES Stormwater Permits..</p>																																																																																																																
<p>Planning Commission Comments: Project is consistent with Comprehensive Plan. (Rating #1)</p> <p><b>PRIORITY</b></p>																																																																																																																
<b>VARIANCE TO APPROVED PER FY21-FY25 CAPITAL IMPROVEMENT PROGRAM:</b>																																																																																																																
<table border="1"> <thead> <tr> <th></th><th>FY 2022</th><th>FY 2023</th><th>FY 2024</th><th>FY 2025</th><th>TOTAL</th></tr> </thead> <tbody> <tr> <td>Approved FY21-FY25 CIP</td><td>\$7,203</td><td>\$7,203</td><td>\$7,203</td><td>\$7,203</td><td>\$28,812</td></tr> <tr> <td><b>Increase/(Decrease)</b></td><td><b>\$2</b></td><td><b>\$2</b></td><td><b>\$2</b></td><td><b>\$3</b></td><td><b>\$9</b></td></tr> <tr> <td>% change</td><td>0.0%</td><td>0.0%</td><td>0.0%</td><td>0.0%</td><td>0.0%</td></tr> </tbody> </table>				FY 2022	FY 2023	FY 2024	FY 2025	TOTAL	Approved FY21-FY25 CIP	\$7,203	\$7,203	\$7,203	\$7,203	\$28,812	<b>Increase/(Decrease)</b>	<b>\$2</b>	<b>\$2</b>	<b>\$2</b>	<b>\$3</b>	<b>\$9</b>	% change	0.0%	0.0%	0.0%	0.0%	0.0%																																																																																						
	FY 2022	FY 2023	FY 2024	FY 2025	TOTAL																																																																																																											
Approved FY21-FY25 CIP	\$7,203	\$7,203	\$7,203	\$7,203	\$28,812																																																																																																											
<b>Increase/(Decrease)</b>	<b>\$2</b>	<b>\$2</b>	<b>\$2</b>	<b>\$3</b>	<b>\$9</b>																																																																																																											
% change	0.0%	0.0%	0.0%	0.0%	0.0%																																																																																																											
<table border="1"> <thead> <tr> <th>EXPENSE BUDGET</th><th>FY 2022</th><th>FY 2023</th><th>FY 2024</th><th>FY 2025</th><th>FY 2026</th><th>5-Year Total '22-'26</th><th>Approp. thru FY21</th><th>Beyond FY 2026</th><th>Project Total</th></tr> </thead> <tbody> <tr> <td>Architectural &amp; Engineering</td><td>\$500</td><td>\$500</td><td>\$500</td><td>\$500</td><td>\$500</td><td>\$2,500</td><td>\$3,541</td><td>\$500</td><td>\$6,541</td></tr> <tr> <td>Land &amp; ROW</td><td>500</td><td>500</td><td>500</td><td>500</td><td>500</td><td>2,500</td><td>5,770</td><td>500</td><td>8,770</td></tr> <tr> <td>Construction</td><td>5,000</td><td>5,000</td><td>5,000</td><td>5,000</td><td>5,000</td><td>25,000</td><td>31,344</td><td>5,000</td><td>61,344</td></tr> <tr> <td>Equipment</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr> <td>Administration</td><td>400</td><td>400</td><td>400</td><td>400</td><td>400</td><td>2,000</td><td>1,764</td><td>400</td><td>4,164</td></tr> <tr> <td>Administration - FAS</td><td>5</td><td>5</td><td>5</td><td>6</td><td>6</td><td>27</td><td>0</td><td>6</td><td>33</td></tr> <tr> <td>Inspection</td><td>200</td><td>200</td><td>200</td><td>200</td><td>200</td><td>1,000</td><td>451</td><td>200</td><td>1,651</td></tr> <tr> <td>Miscellaneous</td><td>100</td><td>100</td><td>100</td><td>100</td><td>100</td><td>500</td><td>779</td><td>100</td><td>1,379</td></tr> <tr> <td>Contingency</td><td>500</td><td>500</td><td>500</td><td>500</td><td>500</td><td>2,500</td><td>2,192</td><td>500</td><td>5,192</td></tr> <tr> <td><b>Total Outlay</b></td><td><b>\$7,205</b></td><td><b>\$7,205</b></td><td><b>\$7,205</b></td><td><b>\$7,206</b></td><td><b>\$7,206</b></td><td><b>\$36,027</b></td><td><b>\$45,840</b></td><td><b>\$7,206</b></td><td><b>\$89,073</b></td></tr> </tbody> </table>			EXPENSE BUDGET	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	5-Year Total '22-'26	Approp. thru FY21	Beyond FY 2026	Project Total	Architectural & Engineering	\$500	\$500	\$500	\$500	\$500	\$2,500	\$3,541	\$500	\$6,541	Land & ROW	500	500	500	500	500	2,500	5,770	500	8,770	Construction	5,000	5,000	5,000	5,000	5,000	25,000	31,344	5,000	61,344	Equipment	0	0	0	0	0	0	0	0	0	Administration	400	400	400	400	400	2,000	1,764	400	4,164	Administration - FAS	5	5	5	6	6	27	0	6	33	Inspection	200	200	200	200	200	1,000	451	200	1,651	Miscellaneous	100	100	100	100	100	500	779	100	1,379	Contingency	500	500	500	500	500	2,500	2,192	500	5,192	<b>Total Outlay</b>	<b>\$7,205</b>	<b>\$7,205</b>	<b>\$7,205</b>	<b>\$7,206</b>	<b>\$7,206</b>	<b>\$36,027</b>	<b>\$45,840</b>	<b>\$7,206</b>	<b>\$89,073</b>
EXPENSE BUDGET	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	5-Year Total '22-'26	Approp. thru FY21	Beyond FY 2026	Project Total																																																																																																							
Architectural & Engineering	\$500	\$500	\$500	\$500	\$500	\$2,500	\$3,541	\$500	\$6,541																																																																																																							
Land & ROW	500	500	500	500	500	2,500	5,770	500	8,770																																																																																																							
Construction	5,000	5,000	5,000	5,000	5,000	25,000	31,344	5,000	61,344																																																																																																							
Equipment	0	0	0	0	0	0	0	0	0																																																																																																							
Administration	400	400	400	400	400	2,000	1,764	400	4,164																																																																																																							
Administration - FAS	5	5	5	6	6	27	0	6	33																																																																																																							
Inspection	200	200	200	200	200	1,000	451	200	1,651																																																																																																							
Miscellaneous	100	100	100	100	100	500	779	100	1,379																																																																																																							
Contingency	500	500	500	500	500	2,500	2,192	500	5,192																																																																																																							
<b>Total Outlay</b>	<b>\$7,205</b>	<b>\$7,205</b>	<b>\$7,205</b>	<b>\$7,206</b>	<b>\$7,206</b>	<b>\$36,027</b>	<b>\$45,840</b>	<b>\$7,206</b>	<b>\$89,073</b>																																																																																																							
<table border="1"> <thead> <tr> <th>FINANCING SOURCES</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr> </thead> <tbody> <tr> <td>Bonds (30 Year)</td><td>\$7,128</td><td>\$7,128</td><td>\$7,128</td><td>\$7,129</td><td>\$7,129</td><td>\$35,642</td><td>\$45,751</td><td>\$7,129</td><td>\$88,522</td></tr> <tr> <td>Fund Balance Appropriation</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr> <td>Operating Transfer</td><td>77</td><td>77</td><td>77</td><td>77</td><td>77</td><td>385</td><td>89</td><td>77</td><td>551</td></tr> <tr> <td><b>Total County Funding</b></td><td><b>\$7,205</b></td><td><b>\$7,205</b></td><td><b>\$7,205</b></td><td><b>\$7,206</b></td><td><b>\$7,206</b></td><td><b>\$36,027</b></td><td><b>\$45,840</b></td><td><b>\$7,206</b></td><td><b>\$89,073</b></td></tr> <tr> <td>Federal</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr> <td>State</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr> <td>Other:</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr> <td><b>Total Funding</b></td><td><b>\$7,205</b></td><td><b>\$7,205</b></td><td><b>\$7,205</b></td><td><b>\$7,206</b></td><td><b>\$7,206</b></td><td><b>\$36,027</b></td><td><b>\$45,840</b></td><td><b>\$7,206</b></td><td><b>\$89,073</b></td></tr> </tbody> </table>			FINANCING SOURCES										Bonds (30 Year)	\$7,128	\$7,128	\$7,128	\$7,129	\$7,129	\$35,642	\$45,751	\$7,129	\$88,522	Fund Balance Appropriation	0	0	0	0	0	0	0	0	0	Operating Transfer	77	77	77	77	77	385	89	77	551	<b>Total County Funding</b>	<b>\$7,205</b>	<b>\$7,205</b>	<b>\$7,205</b>	<b>\$7,206</b>	<b>\$7,206</b>	<b>\$36,027</b>	<b>\$45,840</b>	<b>\$7,206</b>	<b>\$89,073</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>\$7,205</b>	<b>\$7,205</b>	<b>\$7,205</b>	<b>\$7,206</b>	<b>\$7,206</b>	<b>\$36,027</b>	<b>\$45,840</b>	<b>\$7,206</b>	<b>\$89,073</b>																				
FINANCING SOURCES																																																																																																																
Bonds (30 Year)	\$7,128	\$7,128	\$7,128	\$7,129	\$7,129	\$35,642	\$45,751	\$7,129	\$88,522																																																																																																							
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0																																																																																																							
Operating Transfer	77	77	77	77	77	385	89	77	551																																																																																																							
<b>Total County Funding</b>	<b>\$7,205</b>	<b>\$7,205</b>	<b>\$7,205</b>	<b>\$7,206</b>	<b>\$7,206</b>	<b>\$36,027</b>	<b>\$45,840</b>	<b>\$7,206</b>	<b>\$89,073</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>\$7,205</b>	<b>\$7,205</b>	<b>\$7,205</b>	<b>\$7,206</b>	<b>\$7,206</b>	<b>\$36,027</b>	<b>\$45,840</b>	<b>\$7,206</b>	<b>\$89,073</b>																																																																																																							
<table border="1"> <thead> <tr> <th>Operating Budget Impact</th><th></th><th></th><th></th><th></th><th></th><th>Approp. thru FY21</th><th>Beyond FY 2026</th><th></th><th></th></tr> </thead> <tbody> <tr> <td>No. of Personnel</td><td>0.00</td><td>0.00</td><td>0.00</td><td>0.00</td><td>0.00</td><td>0.00</td><td>0.00</td><td></td><td></td></tr> <tr> <td>Personnel Costs</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td></td><td></td></tr> <tr> <td>Operating</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td></td><td></td></tr> <tr> <td><b>Total Operating</b></td><td><b>\$0.0</b></td><td><b>\$0.0</b></td><td><b>\$0.0</b></td><td><b>\$0.0</b></td><td><b>\$0.0</b></td><td><b>\$0.0</b></td><td><b>\$0.0</b></td><td></td><td></td></tr> <tr> <td>Debt Service: Bonds</td><td>3,992.2</td><td>4,422.1</td><td>4,852.0</td><td>5,281.9</td><td>5,711.8</td><td>3,992.2</td><td>6,141.8</td><td></td><td></td></tr> <tr> <td>Vehicle &amp; Equipment Lease</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.0</td><td></td><td></td></tr> <tr> <td><b>Total Impact</b></td><td><b>\$3,992.2</b></td><td><b>\$4,422.1</b></td><td><b>\$4,852.0</b></td><td><b>\$5,281.9</b></td><td><b>\$5,711.8</b></td><td><b>\$3,992.2</b></td><td><b>\$6,141.8</b></td><td></td><td></td></tr> <tr> <td>Increase to Annual WPRF fee:</td><td>\$76.79</td><td>\$84.14</td><td>\$91.33</td><td>\$98.37</td><td>\$105.14</td><td>\$76.79</td><td>\$111.73</td><td></td><td></td></tr> </tbody> </table>			Operating Budget Impact						Approp. thru FY21	Beyond FY 2026			No. of Personnel	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			Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0			<b>Total Operating</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	3,992.2	4,422.1	4,852.0	5,281.9	5,711.8	3,992.2	6,141.8			Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0			<b>Total Impact</b>	<b>\$3,992.2</b>	<b>\$4,422.1</b>	<b>\$4,852.0</b>	<b>\$5,281.9</b>	<b>\$5,711.8</b>	<b>\$3,992.2</b>	<b>\$6,141.8</b>			Increase to Annual WPRF fee:	\$76.79	\$84.14	\$91.33	\$98.37	\$105.14	\$76.79	\$111.73																						
Operating Budget Impact						Approp. thru FY21	Beyond FY 2026																																																																																																									
No. of Personnel	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																																																																																																									
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0																																																																																																									
<b>Total Operating</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	3,992.2	4,422.1	4,852.0	5,281.9	5,711.8	3,992.2	6,141.8																																																																																																									
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0																																																																																																									
<b>Total Impact</b>	<b>\$3,992.2</b>	<b>\$4,422.1</b>	<b>\$4,852.0</b>	<b>\$5,281.9</b>	<b>\$5,711.8</b>	<b>\$3,992.2</b>	<b>\$6,141.8</b>																																																																																																									
Increase to Annual WPRF fee:	\$76.79	\$84.14	\$91.33	\$98.37	\$105.14	\$76.79	\$111.73																																																																																																									
<table border="1"> <thead> <tr> <th>LOCATION:</th><th colspan="5">COMMISSIONER DISTRICT:</th></tr> </thead> <tbody> <tr> <td>Charles County Development District- see description</td><td></td><td></td><td></td><td></td><td>Various</td></tr> </tbody> </table>			LOCATION:	COMMISSIONER DISTRICT:					Charles County Development District- see description					Various																																																																																																		
LOCATION:	COMMISSIONER DISTRICT:																																																																																																															
Charles County Development District- see description					Various																																																																																																											

## PROPOSED CAPITAL IMPROVEMENT PROGRAM

## **FISCAL YEAR 2022**

***(\$ in thousands)***

<b>PROJECT NAME:</b> <b>Gilbert Run Watershed Dam Repairs</b>	Requested By: DPW Project #: 8124				
<b>Resilience Authority:</b> Y					
Maintenance and Operation Agreement between County Commissioners of Charles County and the Gilbert Run Watershed Association in 2002 transfers responsibility from the association to the county to operate and maintain the Gilbert Run Watershed Dams - Trinity, Jameson, and Wheatley Dams. Repairs to these dams are necessary per Maryland Department of Environment inspections and COMAR 26.17.04.					
Planning Commission Comments: Maintenance or upgrade of existing facilities, Consistent (Rating #2)					
<b>VARIANCE TO APPROVED PER FY21-FY25 CAPITAL IMPROVEMENT PROGRAM:</b>					
	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>TOTAL</b>
Approved FY21-FY25 CIP	\$988	\$903	\$0	\$0	\$1,891
<i>Increase/(Decrease)</i>	\$2	\$2	\$0	\$0	\$4
% change	0.2%	0.2%	n/a	n/a	0.2%

Expense Budget						5-Year Total			
	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	'22-'26	Approp. thru FY21	Beyond FY 2026	Project Total
Architectural & Engineering	\$85	\$0	\$0	\$0	\$0	\$85	\$85	\$0	\$170
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	850	850	0	0	0	1,700	0	0	1,700
Equipment	0	0	0	0	0	0	0	0	0
Administration	0	0	0	0	0	0	0	0	0
Administration - FAS	5	5	0	0	0	10	3	0	13
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	50	50	0	0	0	100	0	0	100
<b>Total Outlay</b>	<b>\$990</b>	<b>\$905</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,895</b>	<b>\$88</b>	<b>\$0</b>	<b>\$1,983</b>

FINANCING SOURCES										
Bonds (15 Year)		\$990	\$905	\$0	\$0	\$0	\$1,895	\$88	\$0	\$1,983
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		\$990	\$905	\$0	\$0	\$0	\$1,895	\$88	\$0	\$1,983
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>\$990</b>	<b>\$905</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,895</b>	<b>\$88</b>	<b>\$0</b>	<b>\$1,983</b>

Operating Budget Impact		Approp. thru FY21		Beyond FY 2026	
No. of Personnel	0.00	0.00	0.00	0.00	0.00
Personnel Costs	0.0	0.0	0.0	0.0	0.0
Operating	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Debt Service: Bonds	7.7	67.4	122.0	122.0	122.0
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$7.7</b>	<b>\$67.4</b>	<b>\$122.0</b>	<b>\$122.0</b>	<b>\$122.0</b>

Increase to Annual WPRF fee: \$0.15 \$1.28 \$2.30 \$2.27 \$2.25 \$0.15 \$2.22

<b>LOCATION:</b> Gilbert Run	<b>COMMISSIONER DISTRICT:</b> 1
---------------------------------	------------------------------------

# PROPOSED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2022

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Full Delivery of Water Quality Improvements</b>					Requested By: PGM
					Project #: 8125
					Resilience Authority: Y
Project for delivery of completed projects that restore untreated impervious surfaces by construction of water quality facilities, stream restoration, or alternative best management practices as required by the County's NPDES Municipal Separate Storm Sewer System (MS4) permit.					
Planning Commission Comments: Maintenance or upgrade of existing facilities, Consistent (Rating #2)					
<b>PRIORITY</b>					
<b>VARIANCE TO APPROVED PER FY21-FY25 CAPITAL IMPROVEMENT PROGRAM:</b>					
	FY 2022	FY 2023	FY 2024	FY 2025	TOTAL
Approved FY21-FY25 CIP	\$1,053	\$1,053	\$1,053	\$1,053	\$4,212
<i>Increase/(Decrease)</i>	(\$498)	(\$498)	(\$498)	(\$497)	(\$1,991)
% change	-47.3%	-47.3%	-47.3%	-47.2%	-47.3%

EXPENSE BUDGET	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	5-Year Total '22-'26	Approp. thru FY21	Beyond FY 2026	Project Total
Architectural & Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	500	500	500	500	0	2,000	500	0	2,500
Equipment	0	0	0	0	0	0	0	0	0
Administration	50	50	50	50	0	200	25	0	225
Administration - FAS	5	5	5	6	0	21	3	0	24
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	0	0	0
Contingency	0	0	0	0	0	0	0	0	0
<b>Total Outlay</b>	<b>\$555</b>	<b>\$555</b>	<b>\$555</b>	<b>\$556</b>	<b>\$0</b>	<b>\$2,221</b>	<b>\$528</b>	<b>\$0</b>	<b>\$2,749</b>

FINANCING SOURCES									
Bonds (30 Year)	\$555	\$555	\$555	\$556	\$0	\$2,221	\$528	\$0	\$2,749
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>\$555</b>	<b>\$555</b>	<b>\$555</b>	<b>\$556</b>	<b>\$0</b>	<b>\$2,221</b>	<b>\$528</b>	<b>\$0</b>	<b>\$2,749</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>\$555</b>	<b>\$555</b>	<b>\$555</b>	<b>\$556</b>	<b>\$0</b>	<b>\$2,221</b>	<b>\$528</b>	<b>\$0</b>	<b>\$2,749</b>

Operating Budget Impact						Approp. thru FY21	Beyond FY 2026
No. of Personnel	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
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</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	46.1	79.5	113.0	146.5	180.0	46.1	213.5
Vehicle & Equipment Lease	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Impact</b>	<b>\$46.1</b>	<b>\$79.5</b>	<b>\$113.0</b>	<b>\$146.5</b>	<b>\$180.0</b>	<b>\$46.1</b>	<b>\$213.5</b>
Increase to Annual WPRF fee:	\$0.89	\$1.51	\$2.13	\$2.73	\$3.31	\$0.89	\$3.88

LOCATION:	COMMISSIONER DISTRICT:
Various	All

# PROPOSED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2022

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Benedict Water Quality Study</b>		Requested By: PGM																								
		Project #: 8126																								
		Resilience Authority: Y																								
<p>An analysis of the water quality along the Patuxent River shoreline and its nearby tributaries is necessary to determine if area septic systems are contributing to excess nutrients in the water body. This study is in conjunction with the cost/benefit analysis for the Benedict Sewer System project, with a focus on determining potential water quality improvements that the proposed sewer system may contribute.</p>																										
<p>Planning Commission Comments: Maintenance or upgrade of existing facilities, Consistent (Rating #2)</p>																										
<b>VARIANCE TO APPROVED PER FY21-FY25 CAPITAL IMPROVEMENT PROGRAM:</b>																										
<table border="1"> <thead> <tr> <th></th> <th>FY 2022</th> <th>FY 2023</th> <th>FY 2024</th> <th>FY 2025</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>Approved FY21-FY25 CIP</td> <td>\$72</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$72</td> </tr> <tr> <td><b>Increase/(Decrease)</b></td> <td><b>\$2</b></td> <td><b>\$0</b></td> <td><b>\$0</b></td> <td><b>\$0</b></td> <td><b>\$2</b></td> </tr> <tr> <td><b>% change</b></td> <td><b>2.8%</b></td> <td><b>n/a</b></td> <td><b>n/a</b></td> <td><b>n/a</b></td> <td><b>2.8%</b></td> </tr> </tbody> </table>				FY 2022	FY 2023	FY 2024	FY 2025	TOTAL	Approved FY21-FY25 CIP	\$72	\$0	\$0	\$0	\$72	<b>Increase/(Decrease)</b>	<b>\$2</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2</b>	<b>% change</b>	<b>2.8%</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>2.8%</b>
	FY 2022	FY 2023	FY 2024	FY 2025	TOTAL																					
Approved FY21-FY25 CIP	\$72	\$0	\$0	\$0	\$72																					
<b>Increase/(Decrease)</b>	<b>\$2</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2</b>																					
<b>% change</b>	<b>2.8%</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>2.8%</b>																					

EXPENSE BUDGET	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	5-Year Total '22-'26	Approp. thru FY21	Beyond FY 2026	Project Total
Architectural & Engineering	\$60	\$0	\$0	\$0	\$0	\$60	\$60	\$0	\$120
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0
Administration	6	0	0	0	0	6	6	0	12
Administration - FAS	5	0	0	0	0	5	3	0	8
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	1	0	0	0	0	1	1	0	2
Contingency	2	0	0	0	0	2	2	0	4
<b>Total Outlay</b>	<b>\$74</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$74</b>	<b>\$72</b>	<b>\$0</b>	<b>\$146</b>

FINANCING SOURCES									
Bonds (30 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	74	0	0	0	0	74	72	0	146
Total County Funding	\$74	\$0	\$0	\$0	\$0	\$74	\$72	\$0	\$146
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>\$74</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$74</b>	<b>\$72</b>	<b>\$0</b>	<b>\$146</b>

Operating Budget Impact						Approp. thru FY21	Beyond FY 2026
No. of Personnel	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
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</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	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	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>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
Increase to Annual WPRF fee:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

<b>LOCATION:</b> Benedict	<b>COMMISSIONER DISTRICT:</b> 1
------------------------------	------------------------------------

# PROPOSED CAPITAL IMPROVEMENT PROGRAM

## FISCAL YEAR 2022

(\$ in thousands)

<b>PROJECT NAME:</b> <b>Floodplain Analysis Study</b>					Requested By: PGM																								
					Project #: 8069																								
					Resilience Authority: Y																								
<p>Provide computations of major drainage courses of 30 acres or more that are not mapped by FEMA studies for potential restoration projects.</p>																													
<p>Planning Commission Comments: Maintenance or upgrade of existing facilities, Consistent (Rating #2)</p>																													
<b>VARIANCE TO APPROVED PER FY21-FY25 CAPITAL IMPROVEMENT PROGRAM:</b>																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th><th style="text-align: center;">FY 2022</th><th style="text-align: center;">FY 2023</th><th style="text-align: center;">FY 2024</th><th style="text-align: center;">FY 2025</th><th style="text-align: center;">TOTAL</th></tr> </thead> <tbody> <tr> <td>Approved FY21-FY25 CIP</td><td style="text-align: center;">\$0</td><td style="text-align: center;">\$0</td><td style="text-align: center;">\$0</td><td style="text-align: center;">\$0</td><td style="text-align: center;">\$0</td></tr> <tr> <td><b>Increase/(Decrease)</b></td><td style="text-align: center;"><b>\$98</b></td><td style="text-align: center;"><b>\$97</b></td><td style="text-align: center;"><b>\$0</b></td><td style="text-align: center;"><b>\$0</b></td><td style="text-align: center;"><b>\$195</b></td></tr> <tr> <td>% change</td><td style="text-align: center;">n/a</td><td style="text-align: center;">n/a</td><td style="text-align: center;">n/a</td><td style="text-align: center;">n/a</td><td style="text-align: center;">new</td></tr> </tbody> </table>						FY 2022	FY 2023	FY 2024	FY 2025	TOTAL	Approved FY21-FY25 CIP	\$0	\$0	\$0	\$0	\$0	<b>Increase/(Decrease)</b>	<b>\$98</b>	<b>\$97</b>	<b>\$0</b>	<b>\$0</b>	<b>\$195</b>	% change	n/a	n/a	n/a	n/a	new	<i>Increase in A&amp;E funds is requested to expand upon the original scope, including GIS mapping, analysis, and drainage project development, based on the results of the Emergency Services Nuisance and Urban Flood Plan.</i>
	FY 2022	FY 2023	FY 2024	FY 2025	TOTAL																								
Approved FY21-FY25 CIP	\$0	\$0	\$0	\$0	\$0																								
<b>Increase/(Decrease)</b>	<b>\$98</b>	<b>\$97</b>	<b>\$0</b>	<b>\$0</b>	<b>\$195</b>																								
% change	n/a	n/a	n/a	n/a	new																								

EXPENSE BUDGET	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	5-Year Total			
						'22-'26	Approp. thru FY21	Beyond FY 2026	Project Total
Architectural & Engineering	\$88	\$87	\$0	\$0	\$0	\$175	\$300	\$0	\$475
Land & ROW	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	20	0	20
Administration	5	5	0	0	0	10	35	0	45
Administration - FAS	5	5	0	0	0	10	15	0	25
Inspection	0	0	0	0	0	0	0	0	0
Miscellaneous	0	0	0	0	0	0	1	0	1
Contingency	0	0	0	0	0	0	5	0	5
<b>Total Outlay</b>	<b>\$98</b>	<b>\$97</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$195</b>	<b>\$376</b>	<b>\$0</b>	<b>\$571</b>

FINANCING SOURCES									
Bonds (30 Year)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Balance Appropriation	0	0	0	0	0	0	0	0	0
Operating Transfer	98	97	0	0	0	195	376	0	571
<b>Total County Funding</b>	<b>\$98</b>	<b>\$97</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$195</b>	<b>\$376</b>	<b>\$0</b>	<b>\$571</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>\$98</b>	<b>\$97</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$195</b>	<b>\$376</b>	<b>\$0</b>	<b>\$571</b>

Operating Budget Impact						Approp. thru FY21	Beyond FY 2026
No. of Personnel	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
Operating	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Operating</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	0.0	0.0	0.0	0.0	0.0
Vehicle & Equipment Lease	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>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>

Increase to Annual WPRF fee:      \$0.00      \$0.00      \$0.00      \$0.00      \$0.00      \$0.00      \$0.00      \$0.00

## Watershed Protection and Restoration Fund

**Department:** Planning and Growth Management 50.07.19  
**Division \ Program:** Planning Fund: Enterprise  
**Program Administrator:** Jim Campbell, Planning Director  
<https://www.charlescountymd.gov/government/planning-and-growth-management>

Expenditure Category	FY2020 Actual	FY2021 Adopted	FY2022 Request	FY2022 Proposed	\$ Change from FY2021	% Chg.
Personal Services	\$292,193	\$387,000	\$371,900	\$451,400	\$64,400	16.6%
Fringe Benefits	78,132	111,100	104,400	133,500	22,400	20.2%
Operating Costs	531,854	734,800	705,700	783,800	49,000	6.7%
Agency Funding	10,300	20,900	36,400	89,600	68,700	328.7%
Operating Contingency	0	15,800	10,200	10,200	(5,600)	-35.4%
Debt Service	1,702,492	2,191,000	2,304,300	2,304,300	113,300	5.2%
Capital Projects	67,000	216,000	249,000	249,000	33,000	15.3%
<b>Total Baseline</b>	<b>\$2,681,971</b>	<b>\$3,676,600</b>	<b>\$3,781,900</b>	<b>\$4,021,800</b>	<b>\$345,200</b>	<b>9.4%</b>
New Requests			239,900	0	0	N/A
<b>Total Expenditures</b>	<b>\$2,681,971</b>	<b>\$3,676,600</b>	<b>\$4,021,800</b>	<b>\$4,021,800</b>	<b>\$345,200</b>	<b>9.4%</b>

### Changes and Useful Information:

- **Personal Services** and **Fringe Benefits** increase includes the full year impact of the classification and compensation study that was approved in FY2021. Also included is a reallocation of positions based on job duties.
- FY2022 Proposed Budget includes funding for a new Engineer III position to support the County's Drainage Improvement Program. The budget also provides funding to support creation of a Climate Resilience and Sustainability Officer to coordinate all planning matter concerning Climate change. This position will be funded between the Watershed Restoration & Protection Fund and the Environmental Service Fund.
- The **Operating Costs** budget decrease is due to the following:
  - To establish a new program to provide nutrient trading with coordination with the Soil Conservation District. This program will provide the County with the ability to received credits to meet its MS4 permit requirements. - \$50,000
  - The Indirect Cost budget was increased to support two new positions in Fiscal & Administrative Services: Accounts Payable Manager and Budget Analyst I.
  - Increase in operating costs to support the new Engineer III and Climate Resilience and Sustainability Officer.
  - Increase in employee education to provide additional training for Engineers.
  - A decrease of (\$30,000) was for the FY2021 costs for the Total Maximum Daily Load Evaluation.
  - Office Supplies decreased by (\$400) due to having no expenses since FY2017.
- **Agency Funding** represents funding to support the Mosquito Control Program and the County's Other Post Employment Benefits (OPEB) plan. New for FY2022, the proposed budget provide funding to support the Charles County Waterman's Association to plant 14 million spat on shell oysters in the Wicomico River. A Memorandum of Understanding will need to be established to start the program with the intent to provide the County with the ability to receive credits to meet its MS4 permit requirements.- \$53,800.
- Funding to support the County's Other Post-Employment Benefits (OPEB) plan. - \$20,400.
- Funding to support the Mosquito Control Program - \$16,000.
- **Operating Contingency** is to cover potential FY2022 salary increases.
- **Debt Service** represents principal and interest payments on stormwater management bonds.
  - \$113,300 increase to various principal and interest to cover existing debt.
- The FY2022 **Capital Projects** budget represents funding for the continuation of the Floodplain Analysis Studies, to support cost related to the NPDES Retrofit Project that are not bond eligible, and the Benedict Water Quality Study.

## Watershed Protection and Restoration Fund

<b>Department:</b>	Planning and Growth Management	50.07.19
<b>Division \ Program:</b>	Planning	Fund: Enterprise
<b>Program Administrator:</b>	Jim Campbell, Planning Director	
<a href="http://www.charlescountymd.gov/pgm/planning/watershed/watershed-restoration-protection">http://www.charlescountymd.gov/pgm/planning/watershed/watershed-restoration-protection</a>		

### **Description:**

The Charles County storm sewer system is operated per its NPDES Municipal Separate Storm Sewer System permit. 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 Planning Division work products include:

- Continuation of a long-term chemical, biological, and physical monitoring program for small watersheds; continuation of urban BMP effectiveness study; and continued support of the US Geological Survey long-term chemical monitoring station for Mattawoman Creek Watershed, a large watershed.
- Continued implementation of the Illicit Discharge Detection and Enforcement Program for the County's storm sewer system. This program provides annual inspection of major outfalls to discover potential illicit discharges into the storm sewer system and enforces violations. The County relies heavily on a public education element to prevent illicit discharges, and has also incorporated penalties for serious and repeat violations.
- Continuous updating of the digital mapping of the County's storm sewer system in the County's Geographic Information System.

### **Positions:**

	<b><u>FY18</u></b>	<b><u>FY19</u></b>	<b><u>FY20</u></b>	<b><u>FY21</u></b>	<b><u>FY22</u></b>
<b>Title</b>	<b><u>FTE</u></b>	<b><u>FTE</u></b>	<b><u>FTE</u></b>	<b><u>FTE</u></b>	<b><u>FTE</u></b>
Director	0.1	0.1	0.1	0.1	0.1
Deputy Director	0.1	0.1	0.1	0.1	0.1
Planning Director	0.3	0.3	0.3	0.3	0.3
Assistant Chief of Planning	0.1	0.1	0.1	0.1	0.1
Planner IV	0.3	0.3	0.3	0.3	0.3
Engineer I-III	0.0	0.0	1.0	1.0	2.0
Climate Resilience and Sustainability Officer	0.0	0.0	0.0	0.0	0.5
GIS Analyst	0.1	0.1	0.1	0.3	0.3
Assistant to the Director	0.1	0.1	0.1	0.1	0.1
Planner I-III	2.0	2.0	2.0	2.0	1.8
Assistant to the Chief of Planning	0.1	0.1	0.1	0.0	0.0
Administrative Associate	0.0	0.0	0.0	0.3	0.3
<b>Total Full Time Equivalent</b>	<b>3.0</b>	<b>3.0</b>	<b>4.0</b>	<b>4.5</b>	<b>5.7</b>

## Watershed Protection and Restoration Fund

**Department:** Planning and Growth Management 50.07.31  
**Division \ Program:** Codes, Permits & Inspection Services/Inspections & Enforcement Fund: Enterprise  
**Program Administrator:** Ray Shumaker, Chief of Codes, Permits, and Inspection Services

Expenditure Category	FY2020 Actual	FY2021 Adopted	FY2022 Request	FY2022 Proposed	\$ Change from FY2021	% Chg.
Personal Services	\$72,889	\$127,000	\$199,000	\$199,000	\$72,000	56.7%
Fringe Benefits	17,024	40,700	58,300	58,300	17,600	43.2%
Operating Costs	171,058	162,800	62,800	70,400	(92,400)	-56.8%
Operating Contingency	0	16,900	6,300	6,300	(10,600)	-62.7%
<b>Total Baseline</b>	<b>\$260,971</b>	<b>\$347,400</b>	<b>\$326,400</b>	<b>\$334,000</b>	<b>(\$13,400)</b>	<b>-3.9%</b>
New Requests			7,600	0	0	N/A
<b>Total Expenditures</b>	<b>\$260,971</b>	<b>\$347,400</b>	<b>\$334,000</b>	<b>\$334,000</b>	<b>(\$13,400)</b>	<b>-3.9%</b>

### **Changes and Useful Information:**

- **Personal Services** and **Fringe Benefits** includes the full year impact of the FY2021 approved salary increases, as well as the reclassification and reallocation of a vacant Inspector to an Inspection Supervisor.
- **Operating Costs** decrease is due to the following:
  - Increase in Employee Education and Dues Subscriptions for Engineer positions.
  - Contract Services was decreased by (\$100,000) to fund the reclassification and reallocation of a vacant Inspector to an Inspection Supervisor.
- **Operating Contingency** is to cover potential FY2022 salary increases.

### **Description:**

The Inspection and Enforcement Section of the Codes, Permits and Inspection Services Division is responsible for the triennial inspection of existing stormwater management devices owned by private property owners, homeowners associations, and Charles County for compliance with performance specifications, legal agreements & Maryland law. Inspection staff provides reports to owners of the stormwater management devices and ensures proper repairs are implemented in a timely manner. Inspections occur after developer's have completed projects inspected by staff of the Inspection & Enforcement fund.

### **Positions:**

Title	FY18 FTE	FY19 FTE	FY20 FTE	FY21 FTE	FY22 FTE
Chief of CPIS	0.1	0.1	0.1	0.1	0.1
Engineer IV	0.1	0.1	0.1	0.1	0.1
Inspection Supervisor	0.0	0.0	0.0	1.0	1.0
Inspectors	0.0	0.0	2.0	2.0	2.0
Permit Technician	0.3	0.3	0.3	0.0	0.0
Administrative Associate	0.0	0.0	0.0	0.1	0.1
<b>Total Full Time Equivalent</b>	<b>0.4</b>	<b>0.4</b>	<b>2.4</b>	<b>3.2</b>	<b>3.2</b>

## Watershed Protection and Restoration Fund

**Department:** Planning and Growth Management 50.07.61  
**Division \ Program:** Codes, Permits & Inspection Services\Codes & Permits Fund: Enterprise  
**Program Administrator:** Ray Shumaker, Chief of Codes, Permits, and Inspection Services

Expenditure Category	FY2020 Actual	FY2021 Adopted	FY2022 Request	FY2022 Proposed	\$ Change from FY2021	% Chg.
Personal Services	\$100,344	\$153,600	\$164,800	\$164,800	\$11,200	7.3%
Fringe Benefits	24,985	46,300	46,600	46,600	300	0.6%
Operating Contingency	0	0	5,200	5,200	5,200	NEW
<b>Total Expenditures</b>	<b>\$134,493</b>	<b>\$199,900</b>	<b>\$216,600</b>	<b>\$216,600</b>	<b>\$16,700</b>	<b>8.4%</b>

### **Changes and Useful Information:**

- **Personal Services** and **Fringe Benefits** increase includes the full year impact of the classification and compensation study that was approved in FY2021.
- **Operating Contingency** is to cover potential FY2022 salary increases.

### **Description:**

The Codes and Permits Section of the Codes, Permits & Inspection Services Division includes engineering staff involved in review of stormwater management issues. While much of this work is undertaken as part of a permit review function, some of the engineering analysis is done after construction is completed & as part of the required triennial inspection process. Proposed work includes engineering services, modifications to the Stormwater Management Ordinance to address Green Code and related issues and employee education.

### **Positions:**

	<b>FY18</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>
Title	<b>FTE</b>	<b>FTE</b>	<b>FTE</b>	<b>FTE</b>	<b>FTE</b>
Engineer I - IV	0.8	1.8	1.8	1.8	1.8
PGM Support Specialist	0.0	1.0	1.0	1.0	1.0
<b>Total Full Time Equivalent</b>	<b>0.8</b>	<b>2.8</b>	<b>2.8</b>	<b>2.8</b>	<b>2.8</b>

**Department:** Public Works 50.05.06  
**Division \ Program:** Facilities - Administration Fund: Enterprise  
**Program Administrator:** Bill Shreve, Director of Public Works

Expenditure Category	FY2020 Actual	FY2021 Adopted	FY2022 Request	FY2022 Proposed	\$ Change from FY2021	% Chg.
Personal Services	\$64,086	\$63,100	\$64,700	\$64,700	\$1,600	2.5%
Fringe Benefits	16,194	15,900	16,100	16,100	200	1.3%
Operating Costs	86,693	146,500	193,000	193,000	46,500	31.7%
Operating Contingency	0	4,800	3,300	3,300	(1,500)	-31.3%
<b>Total Expenditures</b>	<b>\$166,973</b>	<b>\$230,300</b>	<b>\$277,100</b>	<b>\$277,100</b>	<b>\$46,800</b>	<b>20.3%</b>

### **Changes and Useful Information:**

- **Personal Services** and **Fringe Benefits** increase includes the full year impact of the classification and compensation study that was approved in FY2021.
- **Operating Costs** increase is due to the following:
  - An increase to Marsh Maintenance Monitoring of \$49,000 to meet annual inspection requirements for all shoreline and stream restoration projects completed under the NPDES program.
  - A decrease of (\$2,500) to Community Promotions due to one time costs for FY2021 to purchase additional rain barrels.
- **Operating Contingency** is to cover potential FY2022 salary increases.

### **Description:**

Federal & State agencies mandate that County owned facilities comply with the NPDES stormwater permit. The Department of Public Works is responsible for preparing stormwater pollution prevention plans for its facilities, and conducts regular site inspections and trains staff on implementing procedures for reducing stormwater pollutant discharge to the waterways.

### **Positions:**

	<b>FY18</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>
Title	<b>FTE</b>	<b>FTE</b>	<b>FTE</b>	<b>FTE</b>	<b>FTE</b>
Environmental Compliance Manager	1.0	1.0	1.0	1.0	1.0
<b>Total Full Time Equivalent</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>

## Watershed Protection and Restoration Fund

<b>Department:</b>	Public Works	50.05.53
<b>Division \ Program:</b>	Road Maintenance	Fund: Enterprise
<b>Program Administrator:</b>	Steve Staples, Chief of Roads	

Expenditure Category	FY2020 Actual	FY2021 Adopted	FY2022 Request	FY2022 Proposed	\$ Change from FY2021	% Chg.
Personal Services	\$29,022	\$30,600	\$31,500	\$31,500	\$900	2.9%
Fringe Benefits	10,970	8,300	7,700	7,700	(600)	-7.2%
Operating Costs	947,135	1,004,900	1,054,900	1,054,900	50,000	5.0%
Debt Service	0	0	0	44,900	44,900	NEW
Operating Contingency	0	1,100	900	900	(200)	-18.2%
<b>Total Baseline</b>	<b>\$987,127</b>	<b>\$1,044,900</b>	<b>\$1,095,000</b>	<b>\$1,139,900</b>	<b>\$95,000</b>	<b>9.1%</b>
New Requests			44,900	0	0	N/A
<b>Total Expenditures</b>	<b>\$987,127</b>	<b>\$1,044,900</b>	<b>\$1,139,900</b>	<b>\$1,139,900</b>	<b>\$95,000</b>	<b>9.1%</b>

### **Changes and Useful Information:**

- **Personal Services** and **Fringe Benefits** increase includes the full year impact of the classification and compensation study approved in FY2021 .
- **Operating Costs** increase is due to the following:
  - Inlet Inspections increased by \$50,000. One additional contract Inspector is needed to keep up with inspections of failing inlet and stormwater devices and systems, increased pond inspections and repairs, and inlet inspections.
- **Debt Service** is to cover the new bank financed capital purchases that is included in the proposed budget: Mini Excavator, Grapple Rake Attachment, and Grapple Debris Truck.
- **Operating Contingency** is to cover potential FY2022 salary increases.

### **Description:**

Contract services needed to initiate a program that will monitor and control storm water quality as part of the NPDES.

Positions:	FY18 FTE	FY19 FTE	FY20 FTE	FY21 FTE	FY22 FTE
Title					
Bridge Project Manager	0.1	0.2	0.2	0.2	0.2
<b>Total Full Time Equivalent</b>	<b>0.1</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>

<b>Department:</b>	Recreation, Parks & Tourism	50.30.41
<b>Division \ Program:</b>	Parks & Grounds	Fund: Enterprise
<b>Program Administrator:</b>	Tim Drummond, Chief of Parks & Grounds	

Expenditure Category	FY2020 Actual	FY2021 Adopted	FY2022 Request	FY2022 Proposed	\$ Change from FY2021	% Chg.
Operating Costs	\$19,093	\$30,000	\$30,000	\$30,000	\$0	0.0%
<b>Total Expenditures</b>	<b>\$19,093</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$0</b>	<b>0.0%</b>

### **Changes and Useful Information:**

- **Operating Costs** represent contract services for the annual maintenance of four Stormwater Maintenance facilities at various park facilities.

### **Description:**

Contract services needed to maintain the Stormwater Maintenance facilities at various park facilities.

## Watershed Protection and Restoration Fund

<b>Department:</b>	County Attorney					50.16
<b>Division \ Program:</b>	County Attorney				Fund:	Enterprise
<b>Program Administrator:</b>	Wes Adams, County Attorney					
<b>Expenditure Category</b>	<b>FY2020 Actual</b>	<b>FY2021 Adopted</b>	<b>FY2022 Request</b>	<b>FY2022 Proposed</b>	<b>\$ Change from FY2021</b>	<b>% Chg.</b>
Operating Costs	\$35,481	\$50,000	\$50,000	\$50,000	\$0	0.0%
<b>Total Expenditures</b>	<b>\$35,481</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>0.0%</b>

### **Changes and Useful Information:**

- The **Operating Costs** represent the estimated FY2022 legal fees associated with the NPDES permit. These fees are for appealing our permit requirement and is funded through a fund balance appropriation from prior reserves.

### **Description:**

Legal Fees associated with the NPDES permit.

<b>Department:</b>	Capital Project Management					50.xx
<b>Division \ Program:</b>	Capital Project Management				Fund:	Enterprise
<b>Program Administrator:</b>	TBD					
<b>Expenditure Category</b>	<b>FY2020 Actual</b>	<b>FY2021 Adopted</b>	<b>FY2022 Request</b>	<b>FY2022 Proposed</b>	<b>\$ Change from FY2021</b>	<b>% Chg.</b>
Operating Costs	\$0	\$0	\$50,000	\$50,000	\$50,000	NEW
<b>Total Expenditures</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>NEW</b>

### **Changes and Useful Information:**

- **Operating Costs** represents funding to support the Resilience Authority.

## Objectives & Measurements

Objectives & Measurements:	FY18 Actual	FY19 Actual	FY20 Actual	FY21 Projected	FY22 Estimated
<u>Planning Objective: to maintain compliance with the County's Municipal National Pollutant Discharge Elimination System (NPDES) stormwater permit's. Assessments of Controls and Special Programmatic tasks, coordinate NPDES stormwater permit requirements between departments and divisions, and manage program requirements.</u>					
a) Illicit Discharge Detection and Elimination Inspection & Upland Visual Surveys	103 outfalls	101 outfalls	101 outfalls 427 surveys	100 outfalls 200 surveys	100 outfalls 200 surveys
b) Property Maintenance & Management Inspection - # of sites	3	3	3	3	3
c) Watershed Assessment/Total Maximum Daily Load Planning - # of assessments/plans	7	1	2	2	1
d) Small Watershed Water Quality Monitoring (Chemical, Biological, Geomorphic, Best Management Practice Assess) - # of samples/surveys	20	20	18	18	18
e) Large Watershed Water Quality Monitoring (Chemicals) - # of samples	23	20	25	20	20
f) Public Outreach and Education Program - # of events	9	6	4	6	9
g) Public Service Announcements - # TV, Radio, Social Media Spots	17,129	16,139	9,716	16,000	20,000
<u>h) WPRP Appeal, Credit, and Hardship Processing</u>					
Property owners receiving a 50% Credit.	115	114	107	110	95
Property owners receiving a 100% Exemption.	2	2	2	2	2
i) Grants - # awarded	3	0	3	3	2

Planning Objective: to maintain compliance with the County's Municipal National Pollutant Discharge Elimination System (NPDES) stormwater permit's. Source Identification task.

NPDES Stormwater Best Management Practices (BMPs) GIS Infrastructure Mapping	728 plans	0 plansets	69 Macro BMPs 445 Micro BMPs	20 Macro BMPs 500 Micro BMPs	20 Macro BMPs 500 Micro BMPs
--	-----------	------------	---------------------------------	---------------------------------	---------------------------------

CPI Objective: Stormwater Maintenance laws mandates that the County inspect all public and private stormwater management structures in three year intervals to ensure their proper use.

Stormwater management maintenance inspections (Macro BMPs)	1,061	1,531	1,064	1,300	1,300
--	-------	-------	-------	-------	-------

Roads Objective: To reduce pollution in the Chesapeake Bay Watershed.

Number of storm water basins/inlets inspected	6,800	4,872	4,914	4,500	5,000
Number of storm water basins/inlets cleaned	82	51	69	90	75
Number of storm water basins/inlets repaired	68	58	53	50	50
Tons of trash/debris removed from basins/inlets	29.5	114.3	155.4	35.0	125.0
Number of storm water management ponds cleaned/repaired	302	335	360	300	350
Tons of trash/debris removed by street sweeping	252.0	142.8	174.0	200.0	200.0