

Charles County Fiscal Years 2016 - 2017 Programmatic Milestones (Prepared February 2016)				
Target Date	Milestone	Deliverable	Lead Agency*	Comments/Status Updates
Interim Strategies for Load Reductions by Sector: 2016-2017				
Funding:				
Thru 2017	Pursue funding for medium to large scale septic connection projects through the Bay Restoration Fund (BRF). (MS4 Permit, WRE, and WIP)	Status updates	PGM-Capital Services, RIM	Projects in the design and engineering phase include White Plains, Benedict and Hughesville septic connection to sewer. Implementation is listed under Coordination below.
Thru 2017	Determine if an increase in funding the Watershed Protection and Restoration grant program is warranted based on need and success of non-profit projects. (WPRP Code)	Annual Budget	PGM-Planning	This will be evaluated for FY 2018 implementation.
Tracking & Reporting:				
Thru 2017	Begin to utilize the UMD Extension SMART tool to track stormwater management practices on private land. (MS4 Permit)	SMART Tool Data	PGM - Planning	Coordinate with MD Extension regarding the SMART tool installation. If it is not available, determine alternate tracking methods.
Thru 2017	Ensure the County receives nutrient credits for all septic system BMPs (pump-outs, BAT upgrades, sewer connections). Enter this data in the MS4 geodatabase format. (MS4 Permit, WRE, and WIP)	MS4 Geodatabase	Health Department, PGM - Planning	Develop a schedule for transferring data.
Thru 2017	Continue mapping the stormwater system in GIS. (MS4 Permit)	County Stormwater GIS	PGM - RIM, CPIS, Planning	This is an ongoing project, with continuous updates.
Thru 2017	Continue to migrate data to MS4 geodatabase format, and populate data as needed. Continue to enhance tracking of all mandatory geodatabase fields. (MS4 Permit)	MS4 Geodatabase	PGM - Planning	The MS4 geodatabase structure has been established, and a county permit stormwater data sheet is under development for collecting the necessary fields. Other fields will also need to be addressed.
Coordination:				
Thru 2017	Align MS4 annual reporting w/Sept. 30 annual WIP BMP progress reporting date, as feasible	Annual reporting date	PGM - Planning	This date is three months earlier than the required reporting date, but still allows time after the end of the fiscal year for collecting the data.
Thru 2017	Build/Enhance partnerships with MD State Highway Administration, Charles County Schools (public, private, higher education, ect.), and watershed groups, etc.	MOU with SHA for Watershed Restoration, Outreach & Restoration Activities	PGM - Capital Services, Planning	A draft MOU with SHA is in process January 2016.
Thru 2017	Track Maryland's Nutrient Trading Proposal, and specifically the 'trading in time' between the stormwater and wastewater sectors for coordination purposes (MS4 Permit)	Review of opportunities to trade.	PGM - Planning	Staff attended the January 2016 Nutrient Trading workshop.
Thru 2017	Continue to pursue the engineering and construction of the White Plains, Benedict and Hughesville septic connections to sewer projects. (MS4 Permit and WIP)	Tracking Information	PGM - CS, Planning, RIM	There are various permitting and funding hurdles for each of these projects.

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Outreach/Education:				
Thru 2017	Continue implementing and tracking Septic Pump-Out Program, and develop related outreach opportunities for program enhancement. (MS4 Permit and WIP)	Outreach Materials	PGM - Planning	Program start date July 1, 2014.
Thru 2017	Continue to promote the use of BRF for BAT upgrades and septic connections for small scale projects. (MS4 Permit, WRE, and WIP)	Outreach Materials	Health Department, PGM - Planning	Bay Restoration Funding (BRF) available.
Thru 2017	Continue implementing the Outreach and Restoration Grant Program with the Chesapeake Bay Trust. Work with local eligible entities to develop grant proposals that support the TMDL restoration plan. (WPRP Code)	Grant Awards	PGM - Planning	The County is entering the second year of this project.
Thru 2017	Promote the use of the SMART tool to track stormwater practices on private land. (MS4)	Increased use of SMART tool	PGM - Planning	If the SMART tool is not available, implement alternate tracking methods as feasible.
Thru 2017	Develop BMP outreach maintenance outreach material for inspectors' use and website. Target Homeowners' Associations and maintenance contractors.	Outreach Materials	PGM - Planning, CPIS	This project is in the planning stages.
Thru 2017	Increase public awareness of watershed protection concepts through radio and Charles County Government television ad campaign.	Outreach Materials	PGM - Planning	This project is in the planning stages.
Thru 2017	Determine maintenance/inspection requirements for shoreline erosion control projects and develop an incentive credit for ongoing maintenance as needed. (MS4 Permit and WPRP Code)	Maintenance Tracking Program	PGM - Planning	The CBP guidance indicates that state governments will develop maintenance and inspection requirements, so need to pursue this information.
Program Development or Enhancement:				
Thru 2017	Develop and promote inspection program for micro bmps on residential properties. The program may include sequencing, innovative tools, outreach techniques, incentives, grants, etc. (MS4 Permit)	Inspection Program	PGM - CPIS, Planning	Inspection & Maintenance Agreement is in approval process, which will be a critical tool. Funding is proposed in the draft budget for additional inspectors.
Thru 2017	Develop a rapid bmp inspection protocol to improve facility compliance rates. (MS4 Permit)	Inspection Protocol	PGM - CPIS, Planning	Other jurisdictions may have suitable models or free software.
Local Watershed/Project Planning:				
Thru 2017	Complete the County's TMDL Restoration Plan. (MS4 Permit)	Completed plan	PGM - Planning	This project is underway.
Thru 2017	Continue to implement Capital Improvement watershed restoration projects. (MS4 Permit, WRE, and WIP)	Completed projects	PGM - Capital Services	Several projects are in design and construction phases.
Thru 2017	Continue to evaluate and prioritize watershed restoration projects. (MS4 Permit, WRE, and WIP)	List of prioritized projects	PGM - Capital Services	The County will continue to evaluate and prioritize projects as part of our management practices.
Thru 2017	Assess progress towards County's TMDLs.	Assessment	PGM - Planning	This will be evaluated in FY 2018.

* Sources of Milestones are the County's Phase I NPDES MS4 Permit, the Water Resource Element of the Comprehensive Plan, and the County's Phase 2 Watershed Implementation Plan (WIP).

** PGM is the Charles County Department of Planning and Growth Management. Divisions under PGM include: Planning, Capital Services, Resource Infrastructure Management (RIM), and Codes, Permits and Inspection Services (CPIS).

**Charles County Fiscal Years 2016 - 2017 Proposed BMP Implementation Milestones
(Prepared February 2016)**

Action	Proposed 2-Year Implementation Rates	Unit	Progress In Year 1	Progress In Year 2	Actual Rate For 2 Years	% Progress
Urban Stormwater						
Structural Stormwater Restoration	30	acres				
ESD Stormwater Restoration	2	acres				
Catch Basin Cleaning	10	acres				
Step Pool Conveyance System	40	acres				
Outfall Stabilization	1	acres				
Redevelopment Projects	7.5	acres				
Private Shoreline Inspection	25	acres				
Various	2	acres				
Septic Systems						
Septic Pump-Out Program	24	acres				
Septic Connections to Sanitary Sewer	10	acres				
Septic Upgrades to BAT from Prioritization Analysis	2.5	acres				

*This document is for informing the public about progress on near-term implementation commitments, however is subject to adaptive management. Projects may be delayed, omitted, or added based on the pending TMDL restoration plan and other unforeseen factors. Proposed 2-Year implementation rates derived from 10/27/2015 draft prioritization, divided by the estimated time necessary to implement.