

**Charles County Fiscal Years 2018 - 2019 Programmatic Milestones
(Prepared March 2018)**

Target Date	Milestone	Deliverable	Lead Agency*	Comments/Status Updates
Interim Strategies for Load Reductions by Sector: 2018-2019				
Funding:				
Thru 2019	Pursue funding for medium to large scale septic connection projects through the Bay Restoration Fund (BRF) or other sources. (MS4 Permit, WRE, and WIP)	Status updates	DPW-Capital Services PGM-RIM	Evaluate annually, ongoing.
Thru 2019	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)	Status updates	PGM-Planning	Evaluate for annual budget preparation.
Thru 2019	Determine feasibility of full delivery contracts for County restoration projects. (MS4 Permit)	Status updates	PGM-Planning DPW - Capital Services	Research, evaluation, and implementation.
Tracking & Reporting:				
Thru 2019	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	Data has been entered through June 30, 2017, ongoing.
Thru 2019	Pursue a new Stormwater Engineer I position, which could partially devoted to tracking and reporting stormwater BMPs. (MS4 Permit)	MS4 Geodatabase	PGM - CPIS	Evaluate annually, ongoing.
Thru 2019	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 2019	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, with continuous updates.
Coordination:				
Thru 2019	Build/Enhance partnerships with MD State Highway Administration, Charles County Schools (public, private, higher education, ect.), and watershed groups, etc. (MS4 permit and WIP)	Status updates	PGM - Planning	A Restoration Project MOU with SHA was established in April 2016. School partnerships ongoing.
Thru 2019	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	Evaluate new legislation, ongoing.
Thru 2019	Continue to pursue the engineering and construction of septic connections to sewer projects. (MS4 Permit and WIP)	Tracking Information	PGM - CS, Planning, RIM	Evaluate annually, ongoing.

Posted 3.22.18

**Charles County Fiscal Years 2018 - 2019 Programmatic Milestones
(Prepared March 2018)**

Target Date	Milestone	Deliverable	Lead Agency*	Comments/Status Updates
Outreach/Education:				
Thru 2019	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, and ongoing. Achieves over 22 acres of restoration credit annually.
Thru 2019	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) is available, and the County has begun promoting use for septic connections.
Thru 2019	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)	Grant Awards	PGM - Planning	Program start date July 1, 2016, and ongoing.
Thru 2019	Develop BMP outreach maintenance outreach material for inspectors' use and website. Target Homeowners' Associations and maintenance contractors. (MS4 Permit)	Outreach Materials	PGM - Planning, CPIS	Four BMP outreach maintenance documents have been published to date, and more are in process. Outreach to HOAs began August 2016 and continues.
Thru 2019	Increase public awareness of watershed protection concepts through multi-media including radio, television, billboards and cinema advertising. (MS4 Permit and WIP)	Outreach Materials	PGM - Planning	Program start date January 2016, and ongoing.
Thru 2019	Determine maintenance/inspection requirements for shoreline erosion control projects and develop an incentive credit for ongoing maintenance as needed. (MS4 Permit and WPRP)	Maintenance Tracking Program	PGM - Planning	The CBP guidance indicates that state governments will develop maintenance and inspection requirements, so need to pursue this information. State assistance not available, so pursuing consultant assistance.
Thru 2019	Implement storm drain marking/stenciling program for volunteers in coordination with County's storm drain marking program. (MS4 Permit)	Web Map of Marked/Stenciled Storm Drains.	PGM - Planning	https://www.charlescountymd.gov/pgm/planning/watershed/storm-drain-marking-stenciling-program
Program Development or Enhancement:				
Thru 2019	Develop and implement inspection program for micro bmps on residential properties. (MS4 Permit)	Inspection Program	PGM - CPIS, Planning	The Inspection & Maintenance Agreement for residential lots is approved and effective August 1, 2016, and ongoing.
Thru 2019	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.
Thru 2019	Develop stream restoration goals/priorities. (MS4 Permit)	Review Protocol	PGM - CPIS, Planning Soil Conservation District	Field review of completed projects in other jurisdictions completed. Ongoing process.
Local Watershed/Project Planning:				
Thru 2019	Complete the County's Watersheds Assessments countywide. (MS4 Permit)	Completed plans	PGM - Planning	Three of eight watershed assessments were complete as of June 30, 2016, ongoing.

**Charles County Fiscal Years 2018 - 2019 Programmatic Milestones
(Prepared March 2018)**

Target Date	Milestone	Deliverable	Lead Agency*	Comments/Status Updates
Thru 2019	Continue to implement Capital Improvement watershed restoration projects. (MS4 Permit, WRE, and WIP)	Completed projects	DPW - Capital Services	Several projects are in design and construction phases.
Thru 2019	Continue to evaluate and prioritize watershed restoration projects. (MS4 Permit, WRE, and WIP)	List of prioritized projects	DPW - Capital Services PGM - Planning	The County continues to evaluate and prioritize projects as part of our management practices.
Thru 2019	Shoreline Management Plan and Implementation Priorities Countywide. (MS4 Permit)	Completed plan	PGM - Planning	Project initiated with RC&D October 2017, ongoing.
Thru 2019	Assess progress towards County's TMDLs. (MS4 Permit)	Assessment	PGM - Planning	Progress is evaluated annually and submitted with the County's MS4 Annual Reports.

Notes:

*Sources of milestones: County's Phase I NPDES MS4 Permit (including the Municipal Stormwater Restoration Plan), Water Resource Element (WRE) of the Charles County Comprehensive Plan, Charles County Phase II Watershed Implementation Plan (WIP) Strategy, and Chapter 275: Watershed Protection & Restoration Program (WPRP), of the Code of Charles County, MD.

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

*DPW is the Charles County Dept. of Public Works. Divisions under DPW include: Capital Services, Roads, Environmental Resources, and Utilities.

**Charles County Fiscal Years 2018 - 2019 BMP Implementation Milestones
(Prepared March 2018)**

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	75	acres			0	0%
ESD Stormwater Restoration	23	acres			0	0%
Shoreline Restoration	80	acres			0	0%
Stream Restoration	20	acres			0	0%
Catch Basin Cleaning	10	acres			0	0%
Outfall Stabilization	2	acres			0	0%
Redevelopment Projects	2	acres			0	0%
Private Shoreline Inspection	25	acres			0	0%
Street Sweeping	2	acres			0	0%
Septic						
Septic Pump-Out Program	20	acres			0	0%
Septic Connections to Sanitary Sewer	1	acres			0	0%
Septic Upgrades to BAT from Prioritization Analysis	10	acres			0	0%

*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 unforeseen factors. Implementation rates are derived from the FY17 Charles County NPDES MS4 Annual Report posted at www.charlescountymd.gov/watershed.