

Charles County 2014 - 2015 Programmatic Milestones

Target Date	Milestone	Deliverable	Lead Agency*	Comments/Status Updates
Interim Strategies for Load Reductions by Sector: 2014-2015				
Wastewater:				
Dec-15	Determine method for coordinating crediting excess nutrient capacity from the wastewater sector to other sectors (e.g., update NPDES permit language to discuss use of this capacity for other sectors, or use another method to get this trade-off recognized by MDE).	Summary of Activity	CCG - PGM - PL	
Dec-15	Prepare a sewer system capacity analysis of the County WWTPs by identifying current capacity levels and quantifying: flow saving measures such as re-use or conservation; projects approved to be connected to the WWTPs which haven't yet been build; and proposed connections of existing septic systems to WWTPs per Septic System Scenarios 2 and 3.	Summary of Activity	CCG - PGM - CS	
Dec-15	Develop program to promote and actively pursue water conservation, including an outreach program.	Summary of Activity	CCG - PMG - RIM/PL	
Dec-15	Explore and promote additional opportunities for water re-use.	Summary of Activity	CCG - PGM - RIM/CS/PL	
Septic Systems:				
Complete	Reconcile number of septic systems in the County with MDE.	Report to MDE	Complete	Refer to document: Patuxent River Basin County Septics and Impervious Cover Examination 2012.
Dec-14	Study feasibility of septic pump-out ordinance or incentive program.	Incentive Program	CCG - PGM - PL/Consultant	
TBD	Complete White Plains, Benedict and Hughesville sewer connection projects.	Engineering Phase	CCG - PGM - CS	These projects will extend beyond 2 year milestone period.
Dec-15	Conduct feasibility study to determine if priority areas identified in Phase II WIP strategy can be connected to WWTPs.	Feasibility Study	CCG - PGM - CS	
Dec-15	Develop an enhanced outreach program to target septic systems in critical areas for upgrade to BAT.	Outreach Program	CCG - PGM - PL/Consultant	
Urban Stormwater:				
Dec-15	Complete review/ update of GIS datasets, including impervious surface and stormwater management infrastructure, such as stormwater pipes, outfalls, and individual BMPs with delineated drainage areas.	Summary of Activity	CCG - PGM - RIM/PL/Consultant	
Dec-15	Resolve any discrepancies between County and MDE pollutant loading data.	Summary of Activity	CCG - PGM - PL	
Complete	Develop GIS layer to identify deficient buffers. Use information such as "Plantable" GIS dataset as starting point. Develop program to incentivize.	Summary of Activity	Complete	Refer to section 3.2.2.h of the Charles County Phase II WIP. The GIS layer is complete. Charles County currently has a Forestry Grant Program in place through CBT.
Dec-15	Conduct pilot project to control stormwater through ESD on three to five County properties.	Summary of Activity	CCG - PGM - CS	

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Interim Strategies for Load Reductions by Sector: 2014-2015				
Dec-15	Develop demonstration project for ESD on private land. Use watershed groups and other interest groups to identify landowners willing to participate and to promote this BMP.	Summary of Activity	CCG - PGM - CS/PL	
Dec-15	Perform watershed assessments and prioritize, fund, and conduct impervious surface restoration, to meet expected requirements in new NPDES MS4 permit.	Summary of Activity	CCG - PGM - CS/PL/Consultant	To be completed according to the NPDES MS4 permit.
Dec-15	Use information generated from watershed assessments or other sources to identify potential stream restoration projects. Select three to five stream reaches for restoration and develop stream restoration projects. Coordinate this work with NPDES MS4 permit work on watershed assessment and planning.	Summary of Activity	CCG - PGM - PL/Consultant	This milestone goal be ongoing over a 5 year period and therefore will extend beyond the 2 year milestone period.
Dec-15	Develop demonstration project for stream restoration on private land. Use watershed groups and other interest groups to help identify landowners willing to participate and to promote this BMP.	Summary of Activity	CCG - PGM - PL/Consultant	CCG - PGM is pursuing a grant for this milestone in 2014.
Dec-15	Identify three to five County-owned dry pond or wet pond BMPs and retrofit with submerged gravel wetlands, regenerative stormwater conveyance, infiltration device, or similar.	Summary of Activity	CCG - PGM - CS/PL/Consultant	
Dec-15	Finalize stormwater utility and evaluation of stormwater incentive program for residential and commercial properties, including a grant program to be administered with the assistance of a third party, such as the Chesapeake Bay Trust.	Grant Program	CCG - PGM -PL	The stormwater utility was adopted June 2013.
Dec-15	Evaluate development of a program to collect fees from shoreline property owners that can be used to fund shoreline erosion control projects.	Progress Evaluation	CCG - PGM -PL	Refer to section 3.2.2.g of the Charles County Phase II WIP. The rate of implementation for this BMP is the same as can be expected with no incentive. If the rate drops incentive will be reviewed.
Dec-15	Develop program requirements and an outreach program for incentivizing management of stormwater on private land. Develop method to account for stormwater management on private land (e.g., maintenance agreements, inspection requirements, reporting, tracking, etc.).	Summary of Activity	CCG - PGM -PL	

* CCG - Charles County Government
 PGM - Department of Planning and Growth Management
 CS - Capital Services Division
 PL - Planning Division
 RIM - Resource and Infrastructure Management Division

Charles County July 2013 - June 2015 BMP Implementation Milestones

Action	Proposed 2-Year Implementation Rates	Unit	Actual Rate for 1 Year	% Progress
Urban Stormwater				
Stream Restoration (County Land)	2274	Feet	TBD	TBD
Stream Restoration (State Land)	6117	Feet	TBD	TBD
Stream Restoration (Private Land)	9614	Acres	TBD	TBD
BMP Wet Pond Retrofits (County Land)	16	Acres	TBD	TBD
BMP Wet Pond Retrofits (Private Land)	48	Acres	TBD	TBD
BMP Dry Pond Retrofits (County Land)	21	Acres	TBD	TBD
BMP Dry Pond Retrofits (Private Land)	34	Acres	TBD	TBD
ESD Retrofits (County Land)	42	Acres	TBD	TBD
ESD Retrofits (Private Land)	0	Acres	TBD	TBD
Shoreline Stabilization (Private Land)	3924	Feet	TBD	This rate is the typical private implementation rate.
Urban Nutrient Management	1468	Acres	TBD	To be achieved by State regulations and enforcement.
Septic Systems				
Septic Pump-Out Program	5302	-	TBD	TBD
Septic Connections for County Identified Projects	242	-	TBD	TBD
Septic Connections from Prioritization Analysis	27	-	TBD	TBD
Septic Upgrades to BAT from Prioritization Analysis	100	-	TBD	TBD

*For informing the public about progress on near-term implementation commitments.

*BMP implementation data due to the State on September 30th of each year.