

Howard County Urban Stormwater 2016 - 2017 Programmatic Two-Year Milestones
January 1, 2016 – December 31, 2017
FINAL PROGRAMMATIC MILESTONE PROGRESS REPORT – January 26, 2018

Target Date	Milestone	Deliverable	Lead Agency	Comments/Status Updates
Funding				
2016-2017	Seek more funding to support capital budget	Annually increase capital budget requests in order to implement projects to meet the impervious restoration requirement	SWMD, OCS	Increased budget requests will be dependent on Watershed Protection and Restoration Fund (WPRF) and other funding source allocations.
				Interim Status: The WPRF remained the same between FY16 and FY17. The County successfully continues to seek grants to supplement the capital budget.
				<i>Final Status: The WPRF has decreased between FY17 and FY18. Stormwater Bonds were added in FY18 as a new funding source to supplement the decrease of WPRF. The County successfully continues to seek grants to supplement the capital budget.</i>
2016-2017	Develop new funding sources	Apply for available grants	SWMD	Currently applying for the Chesapeake & Atlantic Coastal Bays 2010 Trust Fund FY17 Grant for Nonpoint Source Pollution Reduction
				Interim Status: The County was awarded the Chesapeake & Atlantic Coastal Bays 2010 Trust Fund FY17 Grant for Nonpoint Source Pollution Reduction in the amount of \$2 million. The County is currently in the process of applying for the FY18 grant.
				<i>Final Status: The County was not awarded the Chesapeake & Atlantic Coastal Bays 2010 Trust Fund FY18 Grant, however the County plans to apply for the FY19 grant. The County received a grant in the amount of \$612,000 from the Trust Fund FY18 for 2 urban BMP practices to be installed.</i>

Target Date	Milestone	Deliverable	Lead Agency	Comments/Status Updates
2016-2017	Continue targeted programs for allocating portions of the Watershed Protection and Restoration Fund (WPRF)	Continue programs to fund partnerships between the County and residential, non-profit, and commercial properties <ul style="list-style-type: none"> • <i>CleanScapes Residential Credit and Reimbursement Program</i> • <i>CleanScape Communities Pilot Program</i> • <i>Nonprofit Partnership Program</i> • <i>Non-Residential/ Commercial Reimbursement Program</i> Investigate implementation of a Septic Pump-Out Rebate Program	OCS	Continuation and expansion of a 2013 Milestone
				Interim Status: The County still offers the CleanScapes Residential Credit and Reimbursement Program, the CleanScape Communities Program, the Non-profit Partnership Program and the Non-Residential/ Commercial Reimbursement Program. Legislation for The Septic Savers Program which offers \$100 rebates to citizens who pump-out their septic systems will be filed with the County Council in FY17.
				<i>Final Status: The County still offers the CleanScapes Residential Credit and Reimbursement Program, the Rain Gardens for Clean Water (formerly CleanScape Communities) Program, the Non-profit Partnership Program and the Non-Residential/ Commercial Reimbursement Program. The Septic Savers Maintenance Program which offers \$100 rebates to citizens who pump-out their septic systems was initiated in FY17. The FY18 budget is \$200,000 for the program. The FY19 budget request is \$150,000. The maintenance program encourages awareness and continual pump outs. The County will mail out notices and reminders, tips, hold workshops, etc.</i>
2016-2017	Seek increased funding to expand the County-sponsored Watershed Enhancement Grant (WEG) program	Maintain existing program and request increases in the WEG budget	SWMD	Continuation and expansion of a 2013 Milestone
				Interim Status: The WEG budget was maintained at \$200,000 in FY16 and FY17.
				<i>Final Status: The WEG budget was maintained at \$200,000 in FY16, FY17 and FY18.</i>

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2016-2017	Seek additional funding for providing economic incentives to septic system owners to encourage retrofit of Best Available Technology (BAT) systems	Apply for available grants <ul style="list-style-type: none"> • Bay Restoration Fund (BRF) • HB 12 BRF Septic Bill and Board of Public Works funding 	Health Department	Continuation and expansion of a 2013 Milestone. Howard County entered into a 3-year agreement with MDE as part of HB 12 awards, where Howard County will be receiving \$30,000 for FY16, FY17 and FY18. This funding is planned to be disbursed in January of each year and is intended to cover administration and oversight of the BRF/BAT program.
				Interim Status: For FY17, the County received an initial award of \$201,000 from MDE for BRF funding with potential for an additional supplement midway through the year. As part of HB 12 awards, Howard County will be receiving \$30,000 for FY17 and FY18.
				<i>Final Status: FY18 allocation of HB 12 awards continues to be applied to BAT upgrades.</i>

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Tracking & Reporting				
2016-2017	Continue Developing NPDES MS4 Compliance and TMDL Tracking Geodatabase	Geodatabase for internal use and for MS4 Annual Reporting	SWMD	Ongoing
				Interim Status: Completed MS4 Geodatabase was submitted with Howard County's NPDES Annual Report 21 on December 20th, 2016. The County is in the process of deploying the geodatabase for internal use at the County.
				<i>Final Status: The County adapted to version 1.2 of the MS4 Geodatabase and continues to make improvements for internal use.</i>
Program Development or Enhancement				
2016-2017	Update Studies	Update the Countywide Implementation Strategy (CIS) as needed	SWMD	CIS was submitted to MDE on December 18, 2015
				Interim Status: The baseline and the CIS are being updated based on MDE comments and program improvements. The updated CIS is anticipated to be submitted to MDE in spring 2017.
				<i>Final Status: Additional MDE comments were received in Spring 2017. Therefore, the updated CIS was submitted to MDE with Annual Report Number 22 on December 18, 2017.</i>

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Coordination				
2016-2017	Build/Enhance Partnerships	<ul style="list-style-type: none"> • Coordinate with State Highway Administration, Columbia Association, Howard County Public School System (HCPSS), and Howard Community College on BMP implementation opportunities • Continue volunteer activities with active watershed groups and through the Watershed Stewards Academy • Continue partnerships with non-profits entities through the Watershed Protection Partnership and the READY Program 	SWMD and OCS	<p>Ongoing</p> <p><i>Interim Status:</i></p> <ul style="list-style-type: none"> • Continue to coordinate with SHA, responding to requests for GIS data. • A stream restoration design on Howard Community College property is currently under construction. • The County participated in two Watershed Stewards Academy meetings and one field tour of restoration sites in 2016. • The County continued to fund the READY program in FY17. <p><i>Final Status:</i></p> <ul style="list-style-type: none"> • Continued to coordinate with SHA, responding to requests for GIS data. • The Howard Community College stream restoration project was completed. • The County participated in one Watershed Stewards Academy meeting and one field tour of restoration sites in 2017. • The County continued to fund Howard EcoWorks, formerly the READY program, in FY18.
2016-2017	Enhance Inter-Departmental Coordination	<p>Continue Stormwater Cabinet Subcommittees made up of members from various County departments:</p> <ul style="list-style-type: none"> • Stormwater Policy • MS4-Data Management • Projects • Outreach 	OCS	<p>Ongoing</p> <p><i>Interim Status:</i> Stormwater Cabinet Subcommittees are active and have enhanced coordination among county departments.</p> <p><i>Final Status:</i> Stormwater Cabinet Subcommittees continue to be active.</p>

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Local Watershed/Project Planning				
2016	Identify sites for implementation opportunities	<ul style="list-style-type: none"> • Continue Watershed Assessments and Restoration Plans • Incorporate results into the NPDES MS4 Geodatabase, including cost and alternatives analyses and project prioritization 	SWMD	Watershed Assessments and Restoration Plans for the South Branch Patapsco, Patapsco River Lower North Branch, Brighton Dam, Rocky Gorge Dam, and Patuxent River Upper Watersheds will be initiated in 2016. With these studies, all watershed assessments for the entire County will be complete.
				Interim Status: Watershed Assessments for the Patuxent and Patapsco subwatersheds listed above were initiated in 2016. Public meetings focused on the draft watershed assessment reports were held in January 2017. After a 30-day public comment period starting in late January, comments will be addressed and the reports will be finalized and submitted to MDE in March 2017.
				<i>Final Status: Watershed Assessments and Restoration Plans for the South Branch Patapsco, Patapsco River Lower North Branch, Brighton Dam, Rocky Gorge Dam, and Patuxent River Upper Watersheds were finalized and submitted to MDE in March 2017. All watershed assessments are complete and have been incorporated into the CIS.</i>
2016-2017	Assess local stream health	Continue Countywide Biological Monitoring	SWMD	Ongoing
				Interim Status: Assessments continued in 2016 and are planned for 2017.
				<i>Final Status: Assessments continued in 2017 and are planned for 2018.</i>

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Outreach/Education				
2016-2017	Increase Public Awareness	Install educational signs at water quality improvement project sites	OCS and SWMD	Ongoing
				Interim Status: The installation of educational signs at water quality improvement projects is still under consideration.
				<i>Final Status: The installation of educational signs at water quality improvement projects is still under consideration. An educational video was created for the Howard County Conservancy for the Davis Branch Stream Restoration Project in 2017. Work is ongoing to create educational flyers for</i>

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				<i>residents inquiring about stormwater capital projects and stormwater management in general. Howard EcoWorks installs signs at all of their rain gardens and conservation landscapes. A large educational sign is designed and scheduled to be installed in spring 2018 at the stormwater staircase in Ellicott City.</i>
2016-2017	Continue the Watershed Stewards Academy	Continue working with the Watershed Stewards	OCS	Continuation and expansion of a 2013 Milestone
				Interim Status: The County participated in two training events with the Watershed Stewards.
				<i>Final Status: The County participated in two training events with the Watershed Stewards in 2017 and is a member of the Advisory Committee. The County plans to utilize Stewards to perform site assessments for the Rain Gardens for Clean Water program in 2018.</i>
2016-2017	Continue implementing an enhanced public education and outreach program through social marketing and in-person meetings for stormwater management	<ul style="list-style-type: none"> • Updates to cleanwaterhoward.com website • Outreach presentations 	OCS	Continuation and expansion of a 2013 Milestone
				Interim Status: Outreach is ongoing.
				<i>Final Status: Outreach is ongoing.</i>

Submittal and Reporting Process:

- **New Programmatic Milestone Submittal:** The State is requesting submittal of Programmatic Milestone commitments by January 29, 2016.
- **Interim Programmatic Milestone Progress Reporting:** The State is requesting an interim status report on the Programmatic Milestones by January 31, 2017.
- **Final Programmatic Milestone Progress Reporting:** The State is requesting a final progress report on the Programmatic Milestones by January 31, 2018.