

Carroll County 2014 - 2015 Programmatic Milestones Status Update

Target Date	Milestone	Deliverable	Lead Agency	Comments/Status Updates
Wastewater				
End 2017	Pending availability of funds and approval by elected officials, continue to support the State schedule for Enhanced Nutrient Removal (ENR) upgrades and coordinate with the State on implementation as funding becomes available	<ul style="list-style-type: none"> • ENR upgrades construction complete and operational 	MDE, Local	<ul style="list-style-type: none"> • Hampstead WWTP – 90% design is completed and under County review. New discharge permit application was submitted to MDE in December. Anticipated construction start has moved to July 2016 due to turn-around time of the Preliminary Engineering Review, changes in some of the design, and the added design of a now split discharge system. The upgraded plant was expected to meet ENR standards on or before January 1, 2017, with construction completion in June 2017 but due to permit delays and design changes, we anticipate meeting ENR processing by mid-2017 with completion of the project mid-2018. Design completion may be delayed further awaiting MDE’s review of final design and execution of the new discharge permit. • Freedom WWTP – Contractor was approved and construction began in May 2015. The upgraded plant is expected to meet ENR standards on or before January 1, 2017, with construction completion in September 2017. Project is moving forward on time and within budget. • Taneytown WWTP – Completion is expected by February 2016. • Westminster WWTP – Engineering design is at 90+%. 100% drawings available in February

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				<p>2016. Construction bidding is expected shortly thereafter, with a 30-month projected completion schedule.</p> <ul style="list-style-type: none"> • Mount Airy WWTP – ENR upgrade completed. • Coordination with MDE for ENR upgrade plans is ongoing.
Urban				
Ongoing	Pending availability of funds and approval by elected officials, proceed with programmed stormwater retrofits identified in the approved capital improvement program to maintain NPDES compliance	<ul style="list-style-type: none"> • Projects included in adopted capital program • Completed, on-the-ground retrofit projects 	Local	<ul style="list-style-type: none"> • The County completed either direct or indirect mitigation measures on 1,767 acres, or 26 percent, of the untreated impervious surfaces in the unincorporated areas of Carroll County as of December 2014, the end of the County’s 3rd generation permit. • To reinforce the maintenance of the rural area, the County’s Agricultural Land Preservation Program was developed, continually supported by Boards of County Commissioners, and has become a top 5 nationwide program with approximately 67,000 acres permanently preserved as of December 2015. • The 4th generation permit requires total restoration equal to 1,943 acres. The 1,943 acres includes the 30 percent total requirement (10% in 3rd generation permit + additional 20% in 4th generation permit) for 1,573 acres for the County and a 20% requirement for 370 acres within the municipalities. A total of 1,788 acres has been completed to date. • Additionally, \$23.04 million have been dedicated to watershed restoration efforts in our Community Investment Program, or CIP,

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				<p>for Fiscal Years 2016 through 2021 to restore the acres required under this permit. Grant funding has been secured for several additional projects.</p> <ul style="list-style-type: none"> • County continued to coordinate with SHA to fund and complete additional mutually beneficial stormwater treatment projects. • The Board of County Commissioners continued to fund 80% of the Municipalities' costs for capital projects to restore 20% of impervious area within municipalities. • The Boards of County Commissioners continue to designate a portion of tax revenues to be dedicated to funding operating costs for the stormwater program. • Stream corridor assessments are completed in 7 of the 9 major watershed basins within the county, addressing over 588 of the 948 stream miles within these 7 watersheds. • Approximately 22 (about 53.4%) employees out of 42 in the Department of Land & Resource Management (DLRM) now are involved in watershed restoration initiatives. Additional employees in the municipalities and County Department of Public Works are involved with stormwater restoration and maintenance. • Projects are regularly identified, prioritized, and coordinated with relevant agencies, such as SHA, and municipalities for stormwater projects and tree planting sites. • Stream corridor assessments and stormwater

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				mitigation projects are routinely coordinated with impacted and neighboring property owners.
Ongoing	Pending availability of funds and approval by elected officials, continue the current stormwater retrofits program until additional cost-benefit analyses can be completed, possible alternatives evaluated, and budgeted items reaffirmed or approved.	<ul style="list-style-type: none"> • Projects included in adopted capital program • Completed, on-the-ground retrofit projects 	Local	<ul style="list-style-type: none"> • The County Commissioners approved capital projects through FY 2021 projected to continue to work toward compliance with impervious area restoration in the county and municipalities to reach a total of 30% impervious area treated in the unincorporated county areas and 20% in the municipalities. Projected costs are based on actual costs of similar projects previously completed in the county. • BMPs were submitted from this past year to MDE to add to historical BMP inventory, particularly stormwater BMPs.
Ongoing	Continue to work cooperatively as a Water Resources Coordination Council (WRCC) on program development and implementation.	<ul style="list-style-type: none"> • Cooperative and coordinated responses and submittals 	Local	<ul style="list-style-type: none"> • The WRCC continues to serve as the local WIP Team and to discuss/address WIP issues as they arise. • The WRCC continues to discuss funding and design/construction of joint stormwater treatment projects. • County staff provided MDE with additional local GIS data for the 2017 Midpoint Assessment. County GIS staff continues to work on updates to data layers and provide updated data to MDE as it becomes available. • County staff reviewed data and methodology from MDE's first round of land use data for the 2017 Midpoint Assessment. • All WRCC meetings are open to the public. • The County has participated in and engaged the

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				<p>public through its regular NPDES public outreach efforts. Additional public outreach materials designed for businesses were developed. Materials are available online.</p> <ul style="list-style-type: none"> • The Carroll County Environmental Advisory Council worked with staff and the WRCC to organize and hold a public workshop aimed at the business community and compliance with MS4 requirements. The workshop was held on January 5, 2016. • The Carroll County Environmental Advisory Council is working with staff and the WRCC to organize and hold a general public workshop to provide residents and the general public with good housekeeping practices and BMPs for preventing stormwater pollution and runoff in residential areas and on individual properties. The workshop will be held in winter/spring 2017. • County staff coordinated with the WRCC members and co-permittees to collect data on BMPs, funding, and other municipal data and developed a joint NPDES Annual Report, which was submitted to MDE on December 30, 2015. This report contains data to be shared with MDE's SSA staff for WIP implementation, tracking, and reporting.
Septic				
Ongoing	Continue to track septic system upgrades through the local Health Department.	<ul style="list-style-type: none"> • Current (up-to-date) database 	CC Health Dept.	<ul style="list-style-type: none"> • The Carroll County Health Department continues to track septic upgrades through its database and continues to provide data to the

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				<p>County on a regular basis.</p> <ul style="list-style-type: none"> An additional 22 conventional septic systems were replaced with BAT systems in 2015. BRF funds were used for 21 of these systems. In 2015, 1 property was converted from a conventional septic system to being served by a public sewer system.
Ongoing	Continue to track the number of septic systems that are eliminated due to conversion / connection to public sewer systems.	<ul style="list-style-type: none"> Current (up-to-date) database 	CC Health Dept.	<ul style="list-style-type: none"> Septic conversions to public systems continue to be tracked by each of the county's jurisdictions and reported to the County.