Harford County 2018 - 2019 Programmatic Two-Year Milestones

Target Date	Milestone	Deliverable	Lead Agency	Comments/Status Updates
SEPTIC SYSTEMS				
2018 / 2019	Continue to use BRF money to upgrade existing septic systems with Best Available Technology or public sewer connections.	It is anticipated that 50 existing septic systems will be upgraded with BAT or connect to public sewer per year.	Harford County Health Dept. (HD)	
Ongoing	HD will continue to work with the Harford County Department of Public Works (DPW) to identify properties that have direct sewer connection capability within the County's Development Envelope	List of properties	HD & DPW – Water & Sewer	
Ongoing	Provide information to property owners identified above regarding the possibility of receiving funding to connect to public sewer	Outreach	HD	
Ongoing	Maintain up-to-date spreadsheet of all properties with BAT units	Spreadsheet	HD	
Annually	Ensure connections to public sewer are reported to MDE for WIP credit	Reporting to MDE	HD, DPW – W&S, P&Z	

Target Date	Milestone	Deliverable	Lead Agency	Comments/Status Updates
URBAN STORMWATER				
Ongoing	Continue to negotiate the conditions of the MS4 Permit with MDE	MS4 Permit	DPW	
2018	Continue to coordinate with MDE for nutrient trading for MDE	Coordination	DPW	
Ongoing	Continue local Historical BMP Clean-up	BMP Clean-up	DPW	
2019	Implement an asset management program for BMPs and BMP maintenance	Database	DPW	
2019	Migrate MS4 data into the MDE geodatabase format	Coordination	DPW	
2018	Graduate the first class of the Watershed Steward Academy	Graduates	DPW	
2018	Implement a grant program for tree plantings in partnership with DNR Forestry	Tree plantings	DPW / P&Z	
2018	Hold first annual Harford Streams Open House	Public Meeting	DPW	
BUFFER PLANTINGS/REFORESTATION				
2018/2019	Explore new programs/projects for increasing the amount of forest cover/buffer plantings	Grants/projects	P&Z	
2018/2019	Pursue implementation of the Urban Tree Canopy Study strategies	Plan / Projects	P&Z	
2018	Develop a Green Infrastructure Plan that will help prioritize funding for planting projects	Plan	P&Z	
2018/2019	Work with Homeowner's	Plantings on HOA land	P&Z	

Target Date	Milestone	Deliverable	Lead Agency	Comments/Status Updates
	Associations throughout the County to promote forest plantings			
Annual	Continue to host the annual Arbor Day celebrations to help increase tree canopy & promote environmental stewardship	Arbor Day tree planting	P&Z	
GENERAL				
Ongoing	Coordinate with the State on any new Programs/Regulations to promote WIP implementation developed during the 2018-2019 timeframe	Coordination	P&Z	
Target Date	Milestone	Deliverable	Lead Agency	Comments/Status Updates
CITY OF ABERDEEN				
Spring 2018	Codify an Illicit Discharge Detection and Elimination (IDDE) Program.	IDDE City Code	City	
2018-2019	Develop and implement an IDDE field inspection and reporting program to address 20% of all outfalls annually.	IDDE field reports and enforcement actions	City	
Fall 2018	Create a GIS data base and mapping of SWM infrastructure	Data base and mapping	City	
2018 - 2019	Continue the Public Education and Outreach program from 2016-2017.		City	
2018-2019	Continue Public Involvement and		City	

Target Date	Milestone	Deliverable	Lead Agency	Comments/Status Updates
	Participation program from 2016-2017.			
2018–2019	Continue with the implementation of Construction Site Stormwater Runoff Control as regulated under our current delegated authority from MDE.		City	
2018-2019	Continue with the implementation of Post Construction Stormwater Management as regulated under our current delegated authority from MDE.		City	
2018-2019	Continue with our current pollution prevention and good housekeeping techniques and procedures to reduce pollutants from all municipal operations.		City	
Target Date (Year)	Milestone	Deliverable	Lead Agency	Comments/Status Updates
TOWN OF BEL AIR				
Ongoing	Stormdrain Cleaning	To meet the requirements MS4 Phase II Permit ¼ of the stormdrains are cleaned annually	Bel Air	
Ongoing	Loose Leaf Pick up	To meet the requirements MS4 Phase II Permit	Bel Air	
Ongoing	Street Sweeping	To meet the requirements MS4 Phase II Permit streets are swept twice a month	Bel Air	
Ongoing	Redevelopment	SWM Ordinance	Bel Air	

Target Date	Milestone	Deliverable	Lead Agency	Comments/Status Updates
2019	Stream Restoration	The Town will use Leveraged funds for design and seek grant funding for construction of Plumtree Run Phase III	Bel Air	
2018	Complete mapping, and analyze the Town's current Storm Water Collection System as well as benchmark the existing impervious surface area.	Plan	Bel Air	
Ongoing	Using ArcGis Online for MS4 inspections	Software and Training	Bel Air	
Ongoing	Illicit Discharge Detection and Elimination Program	To meet the requirements MS4 Phase II Permit ¼ of the outfalls are inspected annually	Bel Air	
Ongoing	The Urban Tree Canopy was set at 37%.	Posted on website continue to reforest areas and tree giveaway to keep or increase the 37% tree canopy	Town's Tree Committee	.
Ongoing	Inspect BMP's	To meet the requirements MS4 Phase II Permit BMP's will be inspected every three years	Bel Air	
Ongoing	Private Water Conservation for residents & businesses	$3,000 in funding-part of FY15 (to be carried over yearly)	Bel Air	
2018/19	Retrofit existing BMP's	Retrofit MacPhail Road Pond	Bel Air	
CITY OF HAVRE DE GRACE				
Ongoing	GIS mapping of SWM infrastructure for our Illicit Discharge and Detection Elimination (IDDE) Program.	Mapping	City	
Dec. 2018	Expand GIS workstations to	Hardware, Software, and	City	

Target Date	Milestone	Deliverable	Lead Agency	Comments/Status Updates
	employees across all City Depts for MS4 Permit compliance.	Training Implementation		
Dec. 2018	Investigate budget needs to meet the requirements of the next MS4 Phase II permit and develop strategies for funding gaps	Additional funds	City	
Ongoing	Develop a multi-year capital improvements program (CIP) for determining priority projects to meet current and future water quality targets.	Project list.	City	
Dec. 2018	Add asset connections to the stormwater GIS mapping database and implement the work order system for that database.	Training and implementation	City	
Ongoing	Use of the new 2009 Stormwater Management regulations for all new projects; adopted by local ordinance in 2010.	Development project review.	City	
Ongoing	Inspect BMPs and Outfalls to ensure that are maintained by the property owner.		City	
Ongoing	Pursue funding to design and implement stormwater BMPs on City owned property.	Restoration designs/pond retrofits	City	

2018 - 2019 TWO-YEAR MILESTONES – HARFORD COUNTY

PROGRAMMATIC BMP MILESTONES

(January 29, 2018)

URImplementation (Jul 2017 – Jun 2019) FY18 & FY19

URBAN STORMWATER:

Implementation (Jul 2017 – Jun 2019) FY18 & FY19

- Complete five (5) watershed assessments
  - o Deer Creek WRAS updates
  - o Upper Bynum Run
  - o Upper Farnandis Branch
  - o Taylor Creek
  - o Emmord Branch

- Complete planning for five (5) projects
  - o Foster Branch at Pine Road Stream Restoration
  - o Woodland Run Stream Restoration
  - o Tributary to Winters Run at Brentwood Park Stream Restoration
  - o C Milton Wright Retrofit and Stream Restoratin
  - o Lilly Run Stream Restoration

- Complete restoration designs for ten (10) projects

  - o Church Creek Elementary SWM Retrofit and Stream Restoration
  - o Jarrettsville Highway Shop SWM Retrofit
  - o Sunnyview Stream Restoration

- Heavenly Stream and Wetland Restoration
- Northwest Branch Declaration Run SWM Retrofit and Stream Restoration
- Stormwater Retrofit at Homestead Elementary
- Annie's Playground Stream Restoration
- Foster Branch at Stillmeadow Stormwater Retrofit & Stream Restoration
- Tributary to Plumtree Run at Wakefield Manor Stream Restoration
- Magnolia Middle School

- Complete restoration construction for twelve (12) projects

  - Ring Factory Elementary SWM Retrofit and Stream Restoration
  - Bear Cabin Branch Stream Restoration
  - Jarrettsville Highway Shop SWM Retrofit
  - Stormwater Retrofit at Homestead Elementary
  - Tributary to Plumtree Run at Wakefield Manor Stream Restoration
  - Annie's Playground Stream Restoration
  - Heavenly Stream and Wetland Restoration
  - Plumtreee Run at Barrington Stormwater Retrofit & Stream Restoration
  - Bynum at St Andrews Way Stream Restoration
  - Willoughby Beach Stormwater Retrofit & Stream Restoration
  - Sunnyview Stream Restoration
  - Church Creek Elementary SWM Retrofit and Stream Restoration