

Template 1. Phase 3 Watershed Implementation Plan (WIP) Planning and Progress Template

Green - action has been completed or is moving forward as planned **Yellow** - action has encountered minor obstacles **Red** - action has not been taken or has encountered a serious barrier

Action #	Description	Performance Target(s)	Responsible Party(ies) and Partnerships	Geographic Location	Expected Timeline	Potential Implementation Challenges or Recommendations	Resources Available				Resources Needed			
							Technical	Source	Financial	Source	Technical	Suggested Source	Financial	Suggested Source
Priority Initiative 1: Municipal Stormwater														
1.1	Complete PRP / TMDL Plan Reviews for 2018-2023 MS4 Permit Term	Complete technical review and issue permits by 12/31/19 for all MS4s that submitted NOIs or applications in September 2017	DEP regional offices with Bureau of Clean Water support	Chesapeake Bay Watershed (statewide)	2019	MS4s not addressing DEP review comments; staff shortages	Existing DEP regional office staff	-	-	-	Additional DEP regional office staff	Chapter 92a regulatory fee increase proposed as draft in 2019; future fees may provide for increased staff	Sufficient revenue to support additional regional office staff positions	Chapter 92a regulatory fee increase proposed as draft in 2019; future fees may provide for increased staff
1.2	Collect MS4 BMP data from MS4s using reporting system for electronic submission of MS4 annual reports	Complete reporting system by 7/1/19	Penn State University building reporting portal for MS4s under direction from Bureau of Clean Water	Chesapeake Bay Watershed (statewide)	Expected launch 7/1/19; enhancements through 2020	System is undergoing testing at this time	IT programmer at Penn State	Penn State University	\$50,000 to complete project	CBRAP	-	-	Additional resources may be needed to implement enhancements in future	Clean Water Fund
1.3	Verification of implemented MS4 BMPs under PRPs / TMDL Plans	Conduct field inspections to verify implemented BMPs following receipt of final reports	DEP regional offices	Chesapeake Bay Watershed (statewide)	By 2025 for BMPs included in final reports submitted by 2024	-	Existing DEP regional office staff	-	-	-	Additional DEP regional office staff	Chapter 92a regulatory fee increase proposed as draft in 2019; future fees may provide for increased staff	Sufficient revenue to support additional regional office staff positions	Chapter 92a regulatory fee increase proposed as draft in 2019; future fees may provide for increased staff

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1.4	2023-2028 MS4 Permit Development	-	Bureau of Clean Water	Statewide	2019 through 2022	-	-	-	-	-	-	-	-	-
1.5	Credit PA in the Bay model for MS4 IDDE controls (prohibitions of discharges of pool water and residential vehicle washwater to MS4s)	Load reductions into Bay Model	DEP CBPO will submit load reductions at the appropriate time to the EPA CBPO (calculations already made as part of WIP3 development)	Chesapeake Bay Watershed	By 2022	-	-	-	-	-	-	-	-	-



Priority Initiative 2: Industrial Stormwater

2.1	2021-2026 Industrial Stormwater Permit Development	See actions identified below	Bureau of Clean Water	Statewide	2019 through 2021	-	-	-	-	-	-	-	-	-
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1. Develop Pre-Draft Permit designed to produce BMPs in the Chesapeake Bay watershed equivalent to the conversion of at least 250 acres of impervious to pervious – September 2019
2. Submit Pre-Draft Permit to EPA for unofficial review – January 2020
3. Draft Permit published in Pennsylvania Bulletin for public comment – July 2020
4. Final Permit published in Pennsylvania Bulletin – March 2021
5. Statewide training for industrial stormwater facilities – Throughout 2021

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Each county-based local area will use this template to identify:

1. Inputs – These are both existing and needed resources, public and private, to implement the identified priority initiative. These include both technical and financial resources, such as personnel, supplies, equipment and funding.
2. Process – what is each partner able to do where and by when. These are the action items listed under each priority initiative.
3. Outputs and outcomes – both short and long-term. These are the priority initiatives identified by each county. The performance targets are the intermediate indicators that will measure progress.
4. Implementation challenges – any potential issues or roadblocks to implementation that could impede outputs and outcomes

For each Priority Initiative or Program Element: Use the fields, as defined below, to identify the inputs and the process that will be followed to achieve each priority initiative. This is the “who, what, where, when and how” of the plan:

Description = What. This may include programs that address prevention, education, or as specific as planned BMP installations that will address the Priority Initiative. A programmatic or policy effort will require some ability to quantify the anticipated benefits which will allow calculation of the associated nutrient reductions.

Performance Target = How. This is an extension of the Description above. The Performance Target details the unique BMPs that will result from implementation of the Priority Initiative and serves as a benchmark to track progress in addressing the Priority Initiative. Performance Targets may be spread across multiple Responsible Parties, Geographies, and Timelines based on the specifics of the Initiative.

Responsible Party(ies) = Who. This is/are the key partner(s) who will implement the action items through outreach, assistance or funding, and who will be responsible for delivering the identified programs or practices.

Geographic Location = Where. This field identifies the geographic range of the planned implementation. This could extend to the entire county or down to a small watershed, based on the scale of the Priority Initiative, range of the Responsible Party, or planned funding/resources. *NOTE: Resource limitations alone should not limit potential implementation as additional funding may become available in the future.*

Expected Timeline = When. Provide the expected completion date for the planned activity. This should be a reasonable expectation, based on knowledge and experience, that will aid in tracking progress toward addressing the Priority Initiative.

Resources Available: Technical & Funding = This field will note technical and financial resources secured/available to implement the program (Description). This is the total of the resources identified in the County Resources Inventory Template below allocated to the priority initiative as a whole; or, if available, to each action.

Resources Needed: Technical & Funding = This field will note technical and financial resources needed/outstanding to implement the program (Description). This is the total of the additional resources projected and identified as needed in the County Resources Inventory Template below allocated to the priority initiative as a whole; or, if possible, to each action.

Potential Implementation Challenges/Issues = This field will note challenges and issues that may delay program implementation (Description)