

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 | | Annual Progress to Date (2021) |
|--|---|---|---|--|--|--|--|-----------|------------------|--|---|
| | | | | | | | Technical | Financial | Technical | Financial | |
| Priority Initiative 4: Point Source Pollution | | | | | | | | | | | |
| 4.1 | Develop or acquire more comprehensive inventory of septic systems in the county | | PSP Action Team, BCPC, municipalities | Countywide | Game plan by early 2021 (followed by imp.) | Scattered information and data may take time to centralize | | | | | 2021: High level inventory was completed that revealed roughly 17,000 systems in the county. Status of each system is currently unknown. BCPC GIS capabilities have been expanded, and the team will explore possible next steps. |
| 4.2 | Ascertain status of wastewater treatment facilities (including small treatment plants) and corresponding needs for improvements | | PSP Action Team, BCPC, municipalities | Countywide | Game plan by late 2020 (followed by imp.) | Additionally determine Act 537 plan update needs | Local consultants/ engineers WWTP operators | | | More available 537 plan update funds* | 2021: An inventory was completed, and several areas where a major WWTP improvement is needed, a small package facility is needed, and 537 plan updates needed has been identified. Funding is the limiting factor for next steps. |
| 4.3 | Promote and assist the implementation of septic system improvements | <i>Septic Denitrification, Conventional – 100 systems</i> | PSP Action Team, BCPC, municipalities | Countywide with initial focus on priority catchments | Mid 2021-2025 (and beyond) | Funding for improvements, homeowner resistance | Local consultants/ engineers | | | BMP implementation dollars (~\$120,000) | 2021: A demo project involving implementation of a septic system has CAP funds allocated to it. A high-level inventory of systems is complete, but next steps need to be worked through during last qtr of 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.

Asterisk: Place an asterisk next to the action number(s) for action items that appear in both the County Planning and Progress Template and the Programmatic Recommendations Template.

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).