

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			Review Checklist Comments
							Technical	Source	Financial	Source	Technical	Suggested Source	

Priority Initiative 1: Catchment Targeting Initiative

1.1	Catchment Assessments and Prioritization	TBD for each individual catchment group <i>Game plan by end of 2021</i>	Schuylkill County Conservation District (SCCD), watershed groups, local municipalities, County, NRCS, Kittatinny Coalition/BerksNature, Eastern PA Abandoned Mine Coalition (AMC)	All areas (all catchments to be assessed) Catchment Management Database (CMD) determines order of assessments (“worst-to-first” order)	(Funding Assisted timeline): 87 total catchments 2021: 10, 2022: 30, 2023: 30, 2024: remaining (assuming funding stream) (No additional funding timeline): 87 total catchments, ~6/year (2022-2036, with 1-2 catchments late 2021)	Use the CMD as preliminary prioritization to assess individual catchments and outline conditions, needs, opportunities, etc. Overlay Comp Plan, Hazard Mitigation Plan, and Open Space and Greenway Plan during initial analyses “Boots-on-the-ground” funding and capacity for engagements, assessments, etc. (with existing funding, analysis of all catchments would continue through 2029) Coordinate with other action teams for agricultural, stream, buffer, and urban conservation opportunities and needs Include identification of infrastructure and replacements inventory in game plan (including red-yellow-green ranking system)	Catchment Management Database (CMD) County GIS Local engineers/consultants Master Watershed Stewards		NFWF INSRG program		Final Game Plan for analyses steps by fall 2021	Management Team (MT) and Catchment Targeting Action Team (CT AT)	\$304,500 (\$3,500/catchment) for accelerated analyses (without funding assistance for full analyses, projected timeframe for completion would be ~2036 utilizing existing resources and with limited findings) GIS hardware and software (See P.I. 5 Data Management for more info)	TBD (PADEP, EPA, Private funding are possibilities)
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1.2	Identify Conservation Opportunities during catchment assessments	Farmland Conservation – 9,000 total acres	Ag Preserve. Board, BerksNature, local watershed groups, SCCD, Master Watershed Stewards	Follows Action 1.1		Sustained funding streams need to be established	Ag Preserve Board, BerksNature, Kittatinny Coalition		Nature Conserv., County						
		Forest Conservation – 4,500 total acres				Private forests carbon credits program may provide alternative funding stream for forest conservation									
		Wetland Conservation – 40 total acres				Identification of potential targets will occur during catchments assessments									

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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).

