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

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	Financial	Suggested Source	
Priority Initiative 4: Watershed Health															
4.1	Farmland and Forestry Preservation	Preserve Farmland and Forest Lands\n\n1,250 acres per year	BCCD, NPC	County	2021-2025	Funding for preserved lands and landowner participation	Existing programs	NRCS, DCNR, BCCD, Foresters, SCC, NPC	Farmland Preservation Program, Land Conservation Programs, Land donations	BCCD\n\nNPC, and other land conservation entities	Additional outreach and support	BCCD, Land conservancy groups	Funding for farmland and forestry preservation.	USDA/NRCS: Agricultural Conservation Easement Program\n\n$500,000.00 per year	
4.2	Forestry Management	Provide Forest Management plans and technical assistance\n\n10 plans per year	BCCD, DCNR	Private forest lands	2021-2025	Qualified foresters to complete management plans and assistance and landowner participation	Plan writing and technical assistance	NRCS, DCNR, BCCD, Foresters	Cost of plan writing	Private funds	Plan writing, Education, outreach	Forester, consultant, NRCS, Forests for the Bay FFB	Funds for plan development	USDA/NRCS Conservation Technical Assistance Program, Forests for the Bay FFB\n\n$100,000.00 per year	
4.3 *	Stream Quality Improvements	Improve overall stream quality by creating grass and forested buffers, bed and bank stabilization, and headwater protection	BCCD, NRCS, DCNR, Landowners	County Forest lands	2022-2025	Overall costs of projects and landowner participation, permitting constraints	Project design and permitting, site identification, landowner outreach	DCNR, NRCS, PSU Extension, Foresters, TU	Cost for permitting, design, and construction	NRCS, DCNR, Growing Greener, other grant programs	Engineering, design, permitting	Private consultants	Additional funds to complete projects	State Grants\n\nDCNR Riparian Forest Buffer Grants\n\nNRCS Conservation Technical Assistance Program	

		1.5 Miles of stream per year (Both banks) Projects to include buffers, bed and bank stabilization, and floodplain reconnection.													$250,000 per year $2,500 per instream structure $1,000/ft. of mudsills	

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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 though 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).