

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	Financial	Suggested Source	
Priority Initiative 1: Agriculture															
1.1	Implement Nutrient Management Analysis Program to Agricultural Landowners	Assist producers in obtaining nutrient management planning (including soil samples, manure analysis, and agronomy assistance). BMP's will include Nutrient Core N and Nutrient Core P, Rate, Placement, and Timing. <u>25 Sites per year</u>	PSU Extension, LCCD, Consultant	County Agricultural properties	2022 creation of program with evaluation in 2025	Funding for program creation, Producer Participation, and understanding of importance	Local agency educational materials and sampling kits Consultant assistance	NRCS, Consultants, PSU Extension, LCCD	EQIP	US Farm Bill	Contracted Source for NMP analysis/recommendations List of recommended contacts for analysis completion	Private Consultant willing to complete testing and recommendations for farmers in the County	Dedicated funding to assist in this program \$15 per soil sample kit \$40 per manure testing kit \$60,000 per year	Grants or State Agency funding NRCS Conservation Technical Assistance Program	
1.2*	Reporting and Verification of Existing BMPs	Collect data using landowner reporting forms and verify existing BMPs on agricultural operations. <u>Report and verify 50 operations per year</u>	DEP, LCCD, NRCS	County Agricultural properties	2021-2025	Time Capacity, Data Entry, Release of Records, producer participation and resistance	Existing BMPs funded through Government programs are already known	SCC, PSU Extension, NRCS, LCCD, DEP	Agency verification	Staff time	Dedicated staff or contracted staff to complete entry and inspections	Dedicated LCCD or DEP staff (1-2 staff)	Dedicated funding to this position. \$40,000 per year for staff salary (1/2 FTE)	State funds	
1.3*	Existing BMP Maintenance Program	Assist producers with maintenance of existing BMPs to keep them	LCCD, NRCS, PSU Extension	County Agricultural communities targeting	2022-2025	Lack of existing funds for maintenance,	Design, inspection, support,	NRCS, PSU Extension, Consultants, SCC	Private funds	Private Landowner	Design, permitting, engineering, and	NRCS, private consultants, LCCD, Contractors	Funds to complete maintenance activities,	Grant or cost share,	

		functioning, through education and funding resources. <u>10 projects per year</u>		impaired watersheds		farmer resistance to project completion	specifications and details				construction Prioritization of BMPs in need of maintenance		including design, permitting, and construction \$250,000 per year	DCED Watershed Restoration and Protection Program (WRPP), Flood Mitigation Program (FMP)	
1.4	Farmland Preservation	Assist in the preservation and conservation of Farmland. <u>Maintain 250 preserved acres per year, and additional funding to preserve 200 additional acres per year</u>	LCCD, Farmland Preservation Board	County farmlands	2021-2025	Financial assistance and participation in preservation	Reviews and applications of existing preservation sites	Farmland preservation board	Final application and site payments	Farmland preservation board	Educational materials on farmland preservation importance	SCC, Farmland Preservation Board, LCCD	Funding for farmland preservation costs \$500,000 per year	NRCS/USDA Agricultural Conservation Easement Program	
1.5	Manure to Mine lands Program	Utilize excess manure to treat abandoned mine lands to improve available nutrients for vegetative cover.	EPCAMR, LCCD; NRCS, Earth Conservancy, DEP, BAMR	County agricultural lands and AML areas	2022-2025	Farmer and Landowner Participation, extensive coordination effort, BAMR's modification of existing reclamation practices, Availability of excess manure	Historic programs	NRCS, EPCAMR	N/A	N/A	Feasibility study, Develop/coordinate program	EPCAMR, LCCD	Funding to complete a study to identify program utilization. \$50,000 for feasibility study \$250,000 per year if program is determined as feasible	DCED Abandoned Mine Drainage Abatement and Treatment Program (AMDATP)	

1.6	Crop Management	Promote crop management by increasing no-till and cover cropping through education and outreach. <u>Increase existing Crop management by 250 acres a year</u>	LCCD, NRCS, SCC, Farm Bureau, PSU Extension	Agricultural community	2021 ongoing	Participation and eagerness to change existing practices.	Educational materials, planting recommendations	NRCS, PSU Extension	Funds for crop management	NRCS, County programs	Agricultural planning, education and outreach	Private Consultant, PSU Extension, NRCS, LCCD	Funding for seed and implementation <u>\$50,000 per year</u>		

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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).