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
Data Management Action Team														
Priority Initiative 1: Data Management														
1.1	Create a central location for County conservation plans, restoration project permits, grant applications, etc.		LCCD, DEP, SRBC	Countywide	Ongoing; intend to have the system set up and running by 2023	Explore opening Practice Keeper to more agriculture and conservation professionals; make it talk to programs like CSDatum, etc;	Practice Keeper, World View experts at the LCCD and DEP				1-2 staff people at the Conservation District to spearhead the work (Conservation Plans)		$200,000	
						Lack of immediately-available funding to set up the software;	CS Datum, ESRI, and ARRO experts ready to help				ArcGIS license and more Practice Keeper licenses		$10,000	
						Not all partners are ready to share their data;	County GIS team				Staff time to collate data		Planning grant $500,000+	
						Practice Keeper is currently a private and locked system;								
						Concerns over landowners' privacy	FieldDoc	PADEP						
						FieldDoc use and data integration								
1.1.1	Manure transport	Better documentation of current practices so we have accurate baselines and are able to measure progress	Haulers, brokers	Countywide	Immediately	Currently no system to track manure transport;					Staff time to collate data	Potentially higher education students/ interns		
						Funding for staffing;								
						Funding for PracticeKeeper								

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1.3	In-stream monitoring		SRBC, DEP, EPA, USGS, CBP, WSI Presently: 7 sondes + 4 USGS stations (known)	Countywide	On-going (thru 2025 and beyond)	Collate and organize Lancaster specific data to help us set better baselines and measure progress Monitor watershed management units	SRBC				Staff time to collate and analyze data	Potentially higher education students/ interns		
							Citizen Data volunteer at Lancaster County Conservancy and LCCD				SRBC staff time			
							PSU-NFWF macro sampling teams/entities	NFWF, PSU, SRBC			Lab(s) and/or equipment (initial and long-term)		$160,000 (sondes/ stations-initial install, maintain, analyses); long-term equipment maintenance	
1.4	Display of monitoring results spatially to promote greater public involvement in the tracking process		SRBC, DEP, LCCD, LCCWC, municipalities, non-profits and private sector consultants	Countywide	Four per year	Funding and staff for collection and maintenance of units Acquiring and incorporating WQ data from DEP Willingness to share data	SRBC portal		NFWF Focus Lancaster grant (till 2020)		Software and web support to display data	SRBC, DEP, and/or ANS		
							DEP web interfaces							
							CSDatum							

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1.5	Implement GIS-based collaborative tool (Collaborative Watershed Management Tool (CWMT))			Countywide		Data alignment with other web-based/GIS-based tools (e.g. FieldDoc, PK, etc.)	CSDatum, WQ portals, etc. for WQ related information				Web support			
											Historical data analysis prior to transfer to CWMT	Higher ed. interns		

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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.

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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).