	Template 1. Phase 3 Watershed Implementation Plan (WIP) Planning and Progress Template – Data Management													
	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
Priority Initiative 1: Data Management														
1.1	Create a central location for County conservation plans, restoration project permits, grant applications, etc.	Explore opening Practice Keeper to more agriculture and conservation professional; make it talk to programs like CSDatum, etc	LCCD, DEP, SRBC	Countywide	Ongoing; intend to have the system set up and running by 2023	Lack of immediately-available funding to set up the software; Not all partners are ready to share their data; Practice Keeper is currently a private and locked system; Concerns over landowners' privacy	Practice Keeper, World View experts at the LCCD and DEP; CS Datum, ESRI, and ARRO experts ready to help County GIS team				1-2 staff people at the Conservation District to spearhead the work ArcGIS license and more Practice Keeper licenses Staff time to collate data		$200,000 $10,000 Planning grant of $500,000 +	
1.1.1	Manure transport	Better documentation of	Haulers, brokers	Countywide	Immediately	Currently no system to track manure transport;					Staff time to collate data	Potentially higher education		

		current practices so we have accurate baselines and are able to measure progress				Funding for staffing; Funding for Practice Keeper					students/interns	
1.3	In-stream monitoring	Collate and organize Lancaster-specific data to help us set better baselines and measure progress	SRBC, DEP, EPA, USGS, CBP, WSI	Countywide			SRBC Citizen data volunteer at Lancaster County Conservancy and LCCD				Staff time to collate data SRBC staff time	Potentially higher education students/interns
1.3.1		More in-stream monitoring and display of results spatially to promote greater public involvement in the tracking process	Presently: SRBC (6 new + 9 existing), EPA (3 new), LCCD (6 new), DEP (2+ existing), USGS (2+ existing)	Four per year		Funding and staff for collection and maintenance of units	SRBC portal		NFWF Focus Lancaster grant (till 2020)		SONDES Staff to do data analysis Software to display data	$10,000 each SRBC or ANS

1.3.2		Investigate and, if feasible, implement an academia-led assessment of monitoring across the state	DEP, EPA	CWP	Ongoing; Pre- and post-project	Willingness to share data								EPA Higher education grant source

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

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

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)