Phase 3 Watershed Implementation Plan (WIP) Planning and Progress Template Green - action has been completed or is moving forward as planned - action has encountered minor obstacles Red - action has not been taken or has encountered a serious barrier **Potential Review Checklist** Action Description Performance Responsible Geographic Expected Location Timeline Implementation Target(s) Party(ies) **Comments Resources Available Resources Needed** and **Challenges or Partnerships** Recommendations Technical **Financial** Suggested Technical Source **Financial** Source Suggested Source Source Priority Initiative 3: Riparian Buffers and Streams See P.I. 5 (Data TBD Riparian All areas with On-going Potentially extend Chesapeake NFWF, See DM AT management) Buffer (RB) emphasis with inherent **Lancaster County** Conservancy, Growing (P.I. 5) for targeting tool **Action Team** provided tie to Priority tools (developed by County, CCPC, Greener targeting tool metrics (AT), Data Initiative Chesapeake Brandywine (GG) action item towards (P.I.) 5 Management prioritized Conservancy) into Conservancy, for more (DM) Action catchments **Chester County** Stroud, information Alliance for Team (AT), (Octoraro already Catchment included in LC tool) the Chesapeake Targeting (CT) **Action Team** Assume BMP Bay (ACB), (AT), County reconciliation can be Chesapeake Planning achieved through Bay (CCPC), targeting tool Foundation Chester (CBF), **County Water** Field verification Technical Buffer required through Service Resources Opportunities 3.1 Authority **Catchment Targeting Providers** and Targeting (CCWRA) Initiative as efforts (TSPs), Tool(s) progress through Chester individual catchments County Conservation District (CCCD), Lancaster County Conservation District (LCCD), CCWRA, County DCIS

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	Phase 3 Wa	atershed Implo	ementation F	Plan (WIP) Pl	anning and	Progress Template	2								
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Action #	Description	Performance Target(s)	Responsible Party(ies) and Partnerships	Location	Expected Timeline	Potential Implementation Challenges or Recommendations	Resources <u>Available</u> Resources <u>Needed</u>								Review Checklist Comments
							Technical	Source	Financial	Source	Technical	Suggested Source	Financial	Suggested Source	
3.2	Ag Riparian Zone	Forest Buffer — 300 new acres Forest Buffer with exclusion fencing — 300 new acres Forest Buffer Narrow with exclusion fencing — 200 new acres Grass Buffer — 200 new acres Grass Buffer with exclusion fencing — 110 new acres Grass Buffer Narrow with exclusion fencing — 180 new acres	CCCD, TSPs, NRCS, watershed groups, Brandywine Conservancy, Stroud, ACB, CBF, Environ. Advisory Committees (EACs), Oxford Reg. Planning Comm., municipalities, MWS, CCPP, farmers	All areas with emphasis provided towards prioritized catchments (as catchments analyzed)	On-going with inherent tie to P.I. 1 (catchment targeting)	Farmer resistance or buy-in Proposed implementation numbers need reconciled as general perception is proposed BMP rates are more than available or capable Buffers with exclusion fencing are exclusive to riparian corridors (and applied to pasture land uses); Buffers (no exclusion fencing) are not exclusive to riparian corridors and applied to crop, hay, turfgrass, and similar land uses (can be applied to field borders and similar upland scenarios). Separate coding or definitions reflecting these conditions would be ideal.*	CCCD, NRCS, TSPs, Stroud, ACB, CBF, watershed groups, Brandywine Conservancy		NFWF, GG, DCNR, CREP, Keystone, TreeVitalize, PACD, RCPP, EQIP, Most Effective Basin Funding (MEBF), Chesapeake Bay Trust (CBT)				Capital Cost: ~\$7.5 million		

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			•				Technical	Source	Financial	Source	Technical	Suggested Source	Financial	Suggested Source				
3.3	Urban/ Developed Areas Riparian Zone	MS4 Riparian Forest Buffers — 20 new acres Non-MS4 Forest Buffers — 30 new acres	Local municipalities, watershed groups, Brandywine Conservancy, Stroud, ACB, EACs, Oxford Reg. Planning Comm., CCCD, Octoraro Watershed Association (OWA)	All areas with emphasis provided towards prioritized catchments (as catchments analyzed)	On-going with inherent tie to P.I. 1 (catchment targeting)	Landowner resistance or buy-in Watershed organizations or other non-profits to assist with Keystone implementation for small projects	CCCD, local municipalities, Stroud, ACB, CBF, watershed groups, Brandywine Conservancy, local engineers/ consultants, CCPC		NFWF, GG, DCNR, Keystone, TreeVitalize, CBT				Capital Cost: ~\$200,000					
3.4	"Buffer Bonus" Program	Game plan by late 2021	ACB, CBF, Stroud	All areas	Game plan for program development by late 2021	Expand or mimic existing initiatives into Chester County Complement other funding streams for implementation coinciding with other BMPs	ACB, CBF, Stroud, CCCD, TSPs, NRCS											

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Action #	Description	Performance Target(s)	Responsible Party(ies) and Partnerships	Geographic Location	Expected Timeline	Potential Implementation Challenges or Recommendations		Resource	s <u>Available</u>			Resou	ces <u>Needed</u>		Review Check Comments
							Technical	Source	Financial	Source	Technical	Suggested Source	Financial	Suggested Source	
3.5	Focused Stream Corridor BMP implementation	Urban Stream Restoration — 12,000 new LF Non-urban Stream Restoration — 22,430 new LF Wetland Creation — 15 new acres Wetland Restoration — 30 new acres	Local municipalities, TSPs, watershed groups, EACs, CCCD, developers	All areas with emphasis provided towards prioritized catchments (as catchments analyzed)	On-going with inherent tie to P.I. 1	Potential regional projects for PRP reductions distributed amongst multiple municipalities	CCCD, Trout Unlimited (TU), watershed groups, Brandywine Conservancy, local engineers/ consultants, Cecil Land Trust/EIP		NFWF, GG, CBT, PennVEST, MEBF, private				Capital Cost: ~\$13.9 million		

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.

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.

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Action	Description	Performance	Responsible	Geographic	Expected	Potential	Resources <u>Available</u>					Review Checklist			
#		Target(s)	Party(ies)	Location	Timeline	Implementation						Comments			
			and			Challenges or									
			Partnerships			Recommendations									
							Technical	Source	Financial	Source	Technical	Suggested	Financial	Suggested	
												Source		Source	

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).