

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 2: Urban and Developed Stormwater															
2.1	Update and amend local Stormwater regulations	Update the Local regulations to include proven BMPs to be utilized in project to prevent increase stormwater and nutrient discharges. <u>5 Stormwater ordinance updates per year</u>	County Planning, Municipal Government	County Stormwater Regulations and Municipalities with existing stormwater ordinances.	2022	Enforcement, Resistance for Townships and Developers, Coordination	Guidance Documents, Existing plans, BMP recommendations	State Planning Boards, PSATS, NRCS, Engineers	Funding sources to implement and amend local regulations	Municipal Funds	Technical guidance	Consulting engineer, local governments	Funds to amend and implement regulations	Municipal funds or grant funding \$10,000 per plan update	
2.1a	Update and Amend ACT 167 Plan	Finalized Act 167 Plan from previously completed Draft Plan.	County Planning, Municipal Government	County	2021-2025	Funding, Resistance, Local Enforcement, Education	Existing plans, Stormwater BMP recommendations	Engineers, DEP	Funding for amendments and implementations	Review Fees	Review and edits/approval of document, technical guidance	Consulting engineer	Funds to amend existing ACT 167 Plan	DEP Programs, County Funds or Grant Funding \$35,000 for plan update	
2.2	Street Sweeping	Increase the miles of streets swept per year and increase opportunity for additional municipalities	COG; County Planning	County	2022-2025	Cost of implementation and obtaining a street sweeper	Contracted street sweepers Sweeping Corps of America	Private Companies	Cost of street sweeping	Municipal funds, oil and gas funds	Cooperative agreement with multiple municipalities to share labor and/or equipment	County Planning; COG, Municipal staff	Funds to purchase or rent sweeper	Growing Greener; Penn VEST \$150,000 for street sweeper	

		to utilize management practice. Tracking miles of roadway completed for reporting. <u>50 miles per year</u>									Coordination of sharing employees and/or equipment				
2.2a	Street Sweeper Municipality Partnership	Develop Township partnership with adjacent township to utilize existing vac-truck and street sweeper and assist with overall maintenance. Increase overall capacity of street sweeping implementation through use of partnership.	Municipal Staff	County municipalities	2021-2025	Feasibility of increased equipment use and shared staffing	Vac-truck and Street Sweeper, staff	Adjacent Township Municipality	Existing staffing and equipment	On a municipality to municipality basis, some have staff and no equipment, others have equipment and no staff.	Equipment availability, Labor (municipality to municipality basis) Development of Municipality partnership program	Adjacent Townships COG, Municipalities	N/A	N/A	
2.3	Residential Stormwater Management and Rain Barrel Program	Develop Education and material Program for residential and small commercial properties. <u>2 in-person programs per year</u>	SCCD	County	2022-2025	Funding for materials; resistance to participation; maintaining use	Existing example programs and educational materials	Various counties, PSU Extension Project Rain Barrel	Cost of project implementation	Private funds	Rain barrels, Rain gardens, and associated small rain mitigation project materials, educational programs	Volunteer installation, SCCD	Funding for materials	Local grants; Growing Greener, DCED Flood Mitigation Program FMP, DCED Watershed Restoration and Protection Program WRPP	

		<p><u>Implement 50 stormwater management practices on residential lands per year</u></p> <p>BMPs include: Bio-retention/Rain gardens</p>												\$100,000 per year	
2.4	Nutrient and Fertilizer Planning for Turf Grass	<p>Develop and implement plans and guidance for Turf Grass. Host Contractor and landscaper workshops.</p> <p><u>20 acres per year</u></p>	SCCD, PSU Extension, NRCS	Urban Tall Pines Players Club, Panorama Golf Course. And Montrose Country Club	2024+	Reporting and Lack of participation, guidance, regulations	Guidance documents,	Green Section's Turfgrass and Environmental Research Program USGA	N/A	N/A	Example plans, outreach, Enforcement	Local government, consultants	Dedicate funds to launch the program and implement BMP's	Local Grants Growing Greener \$75,000 per year	
2.4a	Stormwater and Nutrient Management for Turf Grass	<p>Implement BMPs on Non-Ag lands like golf courses, lake properties to reduce nutrient pollution. These include, buffer and tree plantings, turf grass reduction, grass buffers, etc.</p> <p><u>400 acres</u></p>	SCCD, NRCS, PSU Extension	Urban Tall Pines Players Club, Panorama Golf Course. And Montrose Country Club	2023+	Reporting and lack of participation, guidance, and regulations	Guidance documentation and existing programs	Green Section's Turfgrass and Environmental Research Program USGA	Outreach and education funding. Privates funds from organizations to improve their own lands, Tree plantings	Private funds, K-10	Design planning, BMP recommendations, area management and maintenance	Private consultant, Engineers, contractors	Cost share program, funding	Grant funding, DCED Flood Mitigation Program FMP, DCED Watershed Restoration and Protection Program WRPP \$150,000 per year	

2.5*	Roadway Stormwater Management	Implement new BMPs for Supervisors and PennDOT to reduce runoff from roadways and minimize nutrient carrying capacity. <u>20 miles of road per year</u>	SCCD, DCNR, PGC, Municipalities	County	2021-2025	Follow through on protocol and lack of updates with new techniques.	Training, design manuals	CDGLVR, PennDOT	BMP implementations on roadways	State and Municipality funds	Additional project identification and design permitting and implementations	Consultants, engineers, Municipalities	Cost associated with additional BMP implementations	CDGLVR Funds, PennDOT, Municipal Funding DCED Flood Mitigation Program FMP, DCED Watershed Restoration and Protection Program WRPP \$200,000 per year	
2.5a	Township Supervisor Roadway Management Guide	Development of Roadway Management Guide for new Township supervisors.	SCCD	County	2021-2025	Development and use of educational materials	Various educational materials	Engineering and technical documents.	N/A	N/A	Planning Document Development for Township Supervisors	SCCD	Funding to develop educational materials	DCED Flood Mitigation Program FMP Environmental Education Grants \$10,000 to complete guide.	
2.6	Public Green Space for Environmentally Sensitive Areas	Protect environmental sensitive areas by encouraging them to become publicly accessible greenspace.	County Planning, SCCD	Public owned grounds	2023-2025	Cost of Green Space conversion and participation.	Identification of Public Green Space Areas	State and County, DEP, DCNR	Existing public lands	State or County	Educational Materials, further site identification	SCCD, Penn State Extension, DCNR, DEP	Cost of creating publicly accessible greenspace	State funds Growing Greener DCNR Community Conservation Partnerships Program Grants \$50,000	

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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).