

## Phase 3 Watershed Implementation Plan (WIP) Planning and Progress Template – Clinton County

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
<b>Priority Initiative 2: Urban and Municipal Planning and Ordinances</b>															
<b>2.1A</b>	Create a multi-municipal planning/zoning agency for shared services. This entity would be staffed with trained providers of zoning, permitting, flood plain permitting, and stormwater plan reviews. Goal: Compliance of development with laws of the Commonwealth and present-day best practice.	Steps: Consultant-led feasibility analysis to identify how many municipalities will participate, what services will be provided and a funding structure; enter a multi-municipal agreement wherein municipalities turn over their zoning and permitting powers to this entity.	County Planning would coordinate and oversee startup. Each member municipality would retain oversight duties for operations within their municipality, perhaps via governing board.	19 or more municipalities might have interest.	2022-2025	Resistance to outside control of local development; multiplicity of local ordinances; loss of jobs for local zoning officers. Limitation of planning agency role to only recommend approval. Elected officials will still have decision making authority and could act independent of planning agency recommendation.	Research of models of other regional planning agencies; survey all county municipalities to gauge participation. Survey will be sent out in 2022.	County Planning	In-kind effort		Feasibility analysis; multi-municipal cooperative agreement; training for all involved parties; sustainability plan; consultant to guide the process	DCED Peer Program; DCED Municipal Assistance Program	Startup costs; ongoing operating costs; amounts need to be determined by feasibility analysis	DCED Municipal Assistance Program and municipal match for startup; fee structure for county and member municipalities for startup local share and ongoing costs	
<b>2.1B</b>	Update County Subdivision and Land Development Ordinance. Goal: Compliance of development to updated and improved stormwater BMPs.	Steps: Obtain a consultant to guide the update process, adopt the new ordinance and enforce it.	County Planning	15 municipalities covered under county ordinance	2021-2022	Lack of county funding	Research of other recent rural PA SALDOs; outreach and coordination	County Planning			Expertise for ordinance development	Consultant	\$30-35k for ordinance preparation	DCED Municipal Assistance Program, county 50% match	
<b>2.1C</b>	Prioritize Act 167 planning. Develop County Act 167 Stormwater Management Plan that includes updated information and modeling for every County watershed.	Steps: Seek funding to cover the cost of the full study of every county watershed. Conduct the studies, ensure compliance with the plans during stormwater reviews.	County Planning to lead the effort; Conservation District and municipalities to participate and provide guidance; engineers, solicitors, and	Countywide	2023-2025 (contingent on funding)	High cost and lack of funding. (DEP does not currently provide funding for Act 167 stormwater management plans.)  Educating municipalities and promoting their enactment of the model.	Institutional knowledge, capacity for outreach and coordination	Municipal staff, County Planning, Conservation District			Local planning coordination, expertise for plan development	County Planning, multi-municipal planning agency, Conservation District, Municipali-	Funding for plan development by consultant Municipal buy-in.	DEP Funding	



	Work with oil and gas facilities to document BMPs.	Capture BMPs in new developments required by NPDES permits since 2011. Capture BMPs in oil and gas facilities required by NPDES. Explore new opportunities for BMPs.  150 new acres of stormwater performance standard – Runoff Reduction				Reverifying existing BMPs from older NPDES permits. Ensuring all are accurately recorded.  Local lack of understanding of data entry systems. Questions of reliability of data entry systems.					Training in data entry.				
<b>2.2C</b>	Emphasis on enforcement by county agencies of zoning, subdivision, floodplain, and stormwater regulations, resulting in increased compliance by development and increased use of BMPs	Make greater use of performance bonds allowable under SALDO to ensure compliance with approved plans; increase post-construction inspection of zoning permits and follow-through on enforcement actions; make sure all permits involving earth disturbance greater than 5000 sf have E&S plans reviewed by CCCD	County Planning Office, new multi-municipal zoning/permitting agency.	Countywide	2021-2025	Staffing	Existing expertise in admin and enforcement	County Planning, Conservation District			Increase of effort by reallocation of time or adding capacity; possible need for part-time inspector	County Planning, Conservation District			
<b>2.2D</b>	Address threats to forests from development including natural gas, utility and solar, and growing development of seasonal homes. Conservation of Forest Lands.	Adopt county zoning amendment covering utility scale and accessory scale solar. Consider other zoning amendments and admin measures.	County Planning Office, North Central PA Conservancy, Western Pennsylvania Conservancy, PA Wilds Planning Team			Solar farms are becoming more popular and are devastating standing forests, work to promote solar farms on brownfield locations.				CAP 106 NRCS, Forest Management Plans, DCNR Working Woodlands					
<b>Miscellaneous projects and BMPs</b>															
<b>2.3A</b>	Identify and promote implementation of various projects from the Clinton County Hazard Mitigation Plan.	Take part in the planning for the 2023 Hazard Mitigation Plan; Identify specific hazard mitigation projects for the plan's action items – for Planning Office to implement	County Planning, GIS, Emergency Services, Watershed Associations, Conservation		2021-2025	Lack of funding; lack of capacity of municipalities, agencies, and organizations to execute projects;	Capacity for outreach and coordination; expertise for various plans	County Planning; lead agencies for various plans			Planning, engineering, additional staff capacity to initiate project	Lead agencies' staff; consultants	Cost estimates from various plans or to be deter-	PEMA, FEMA, BRIC, DEP Growing Greener, PennVest, other	

			District, TU, Municipalities								implement- tation		mined as needed		
<b>2.3B</b>	Encourage large-scale stormwater facility retrofits in problem areas. Upgraded facilities more effective at minimizing runoff and sedimentation.	As opportunities arise, work with re-developers to ensure stormwater facilities are adequately and properly built through SALDO enforcement.	County Planning, Conservation District, Municipal officials	Countywide, problem facilities identified by municipal officials	2023 – identify candidate sites  2024-2025 Work with municipalities on next steps	Feasibility, high cost, lack of funding, ownership/control of stormwater facilities	Capacity for outreach and coordination; some technical expertise	County Planning, Conservation District			Engineering to design retrofits and estimate costs	Consultants	Costs to be determined by further work	FEMA, PEMA, CDBG, Growing Greener, PennVest	
<b>2.3C</b>	Remove derelict buildings from flood plains	Identify and obtain access to target properties; identify funding sources; remove structures and implement riparian buffers  Blighted property removal resulting in 2 acres of impervious surface reduction.	County Planning, Conservation District, Municipalities, SEDA-COG, Clinton County EMA	Countywide, sites in FEMA-identified flood plain areas and in County Hazard Mitigation Plan	2022-2025	High cost, lack of funding, ownership/control of properties, potential environmental hazards	Capacity for outreach and coordination; some technical expertise	County Planning, Conservation District			Engineering/ environmental expertise for site evaluation and design	Consultants	Costs to be determined by further work	DCED, FEMA, PEMA, CDBG, Growing Greener, PennVest	
<b>2.3D</b>	Work with Water and Sewer Authorities to improve old infrastructure and degrading sewer lines	Improve degrading and leaking lines for wastewater facilities Encourage shared equipment and services among water and sewer system	County Planning, Water and Sewer Authorities	Countywide	2022-2025	Act 537 plans might have these improvements in them, but utilities might not be on track to address them or necessary rate structure might not be affordable for community. High cost of engineering.				County Entitlement CBDG, Competitive CBDG, EDA and ARC Funds					

**Technical**

<b>2.4</b>	Improve technology capacity to aid BMP planning, implementation and data management	Complete GIS analysis to identify priority areas for installation of BMPs with greatest net effect on nutrients. Upgrade capacity for inventorying and reporting of BMPs to	County Planning, GIS, Conservation District, Ag extension, DEP, Chesapeake conservancy, NRCS, Lock	Countywide	2022-2025	Finding and integrating multiple sources of data	Existing data, GIS expertise	County Planning and GIS			0.5 FTE GIS Department employee	County GIS	\$25,000		
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		quantify pollution reductions. Map existing municipal stormwater outfalls to aid monitoring of water quality and illicit discharges.	Haven University	urban communities.														
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**Administrative**

<b>2.5A</b>	Conduct fertilizer education for commercial landscape industry, homeowners, and large non-farm property owners. Goal: Reductions in nutrient runoff from improper and over application of fertilizer.	Support fertilizer legislation resulting in 300 acres of urban nutrient management.  Work with 3 golf courses to reduce fertilizer inputs.	Conservation District, County Planning, partner groups to be recruited, Penn State Extension	Focus on urban communities	2022-2025	Development of effective education, marketing, and communication; conventional outreach vs. digital and social media Partner with Williamsport on Education campaign	Expertise in fertilizer application	Conservation District, partner groups										Funding for preparation and dissemination of education
<b>2.5B</b>	Develop an education program to work with commercial businesses, public lands, and homeowners	Create "Keystone Demonstration Plots" to educate public on example BMPs  Install signs at urban stormwater inlets naming the destination of their stormwater.  Do demonstrations at popular businesses in the community	County Planning, Commercial Businesses, Penn State, DEP, PSU Extension, Clinton County Economic Partnership	Countywide	2022-2025	Willingness of the public to participate in educational opportunities  Use DEP fact sheets as produced												

**TOTAL COSTS BEYOND EXISTING STAFF AND RESOURCES NEEDED TO IMPLEMENT THE CAP**  
(Note: Costs have not yet been estimated for many Urban and Municipal BMPs and projects.)

0.5 FTE Staff:	\$25,000	Projects:	\$35,000
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