

Disclaimer:

The Programmatic Actions table developed by the Central Shenandoah Planning District Commission (CSPDC) for the Virginia Department of Environmental Quality (DEQ) Local Area Planning effort solely represents a theoretical actions to be implemented by 2025, strictly for the unregulated developed (non-MS4), natural, and septic sectors, based upon information supplied to the CSPDC by the DEQ as of June 2018. Furthermore, this submittal does not represent any commitment, by any of the local governments within the CSPDC region, to implement or fund the BMP's, Programmatic Actions or Strategies.

Central Shenandoah Planning District Commission - Virginia Phase III WIP Programmatic Actions

PROGRAMMATIC ACTIONS TO IMPLEMENT SELECTED BMPS	QUANTITATIVE MEASUREMENT	FUNDING AND CAPACITY NEEDS	LOCALLY IDENTIFIED CO-BENEFITS	GAPS IN STATUTORY/REGULATORY AUTHORITY
GENERAL				
1 Create consistent SLAF funding and expand categories for funds, including: Stream Restoration, Nutrient Trading, Urban Stormwater BMPs.	Implement by 2020	Consistent funding needed	Local water quality improvement, habitat/fisheries improvement, economic improvement, increased property values, beautification	Change in SLAF fund categories
2 Create funding for coordination meetings or a network group to discuss BMP implementation process and assist unregulated (non MS4) communities.	Implement by 2020	Funding for DEQ to administer to PDCs for network group coordination	Education	
3 Create block grant type of allocation based on acreage instead of a competitive grant process needed.	Implement by 2020			
4 Seek dedicated PDC Environmental staff funding from the State to assist in WIP implementation and provide local/regional environmental planning assistance. PDCs know and understand the locality needs and people in the community.	Implement by 2020	Funding for DEQ to administer to PDCs		
5 Allow localities to spend MS4 funding on problem areas outside of MS4 boundaries (unregulated areas).	Implement by 2020			
6 Create grant funding for localities to test water annually and improve water monitoring capabilities.	Implement by 2020	State funding	Local water quality improvement, habitat/fisheries improvement, human health,	
7 Implement a "community first" program that promotes the local area instead of focusing in the bay area. A local program would engage citizens and encourage them to participate by promoting benefits to local communities.	Implement by program 2023	Funding needed	Local water quality improvement, habitat/fisheries improvement, education, beautification, economic improvement, increased property values	
8 Create new funds with mid-range grant amounts such as the \$50,000 to \$60,000 range.	Implement by 2020	Middle range funding needed		
9 Create new funds to address project pairing. For example, pairing transportation and drainage with water quality projects.	Implement by 2020	New funding needed	Local water quality improvement, habitat/fisheries improvement, flood control, drainage improvement	
10 Require local zoning ordinances for developers.	Implement by 2023		Local water quality improvement, habitat/fisheries improvement	Require zoning ordinance for developers
11 Expand on the description and requirements for the Growth Management Policy, and allow localities within a region to choose their own land policy.	Implement by 2020		Local water quality improvement	
12 Initiate a citizen incentive program for certain BMPs.	Implement program by 2023	Funding needed	Local water quality improvement, habitat/fisheries improvement, education, beautification, economic improvement, increased property values	
13 Allow Planning District Commissions to seek larger, regional grants for BMP implementation, and apply for them.	Implement by 2020	Funding needed for PDCs	Local water quality improvement, habitat/fisheries improvement, education, beautification, economic improvement, increased property values	
SEPTIC				
14 Develop a program to capture and track sewer pumping. Pumping companies could report more information on when and where they pump.	Implement program by 2023	Funding for VDH and DEQ to develop program.	Local water quality improvement, habitat/fisheries improvement, community service, human health	
15 Require permits for all components of septic systems by VDH. VDH no longer requires permits for installation of certain components of septic systems and this results in a general lack of information that is requested for when funding assistance is provided through a grant.	Implement by 2023	Possible funding for VDH	Local water quality improvement, habitat/fisheries improvement, community service, human health	VDH needs to require permits for all components of septic systems.
NATURAL				
16 Create funding for invasive species control (plant and pests).	Implement by 2020	New funding needed.	Local water quality improvement, habitat/fisheries improvement, air quality, increased property values, economic improvement	
17 Identify opportunities for stream restoration and bank stabilization, and implement as part of a larger watershed plan.	Implement by 2023	Grant funding, local staff and technical assistance	Local water quality improvement, habitat/fisheries improvement, reduced flooding, beautification, economic improvement, recreation, increased property values, human health, air quality, flood control	

PROGRAMMATIC ACTIONS TO IMPLEMENT SELECTED BMPS	QUANTITATIVE MEASUREMENT	FUNDING AND CAPACITY NEEDS	LOCALLY IDENTIFIED CO-BENEFITS	GAPS IN STATUTORY/REGULATORY AUTHORITY
DEVELOPED				
18 Adjust NFWF funding criteria to allow practices and approaches that are for normal operations (non-innovative). Consistent funding needed for regular stormwater BMPs.	Implement by 2020	Consistent funding needed	Local water quality improvement, habitat/fisheries improvement, flood control, drainage improvement	Change in NFWF funding definition
19 Create new funds for stormwater design projects and engineering assistance.	Implement by 2020	New funding needed, local staff	Local water quality improvement, habitat/fisheries improvement, flood control, drainage improvement	
20 New funds needed for more staff on BMP implementation and for stormwater facility maintenance.	Implement by 2020	Funding needed, local staff	Local water quality improvement, habitat/fisheries improvement, flood control, drainage improvement	
21 Create stormwater utility fees to help with cost of stormwater BMP implementation	Implement by 2023		Local water quality improvement, habitat/fisheries improvement, flood control, drainage improvement	Require localities to have stormwater utility fee
22 Expand VCAP cost-share program and other urban cost share funds VCAP funds need to be more consistent.	Implement by 2020	Consistent funding needed and adequate SWCD staffing and technical assistance	Local water quality improvement, habitat/fisheries improvement, flood control, drainage improvement	It is difficult to find contractors to construct/implement BMPs that are a part of the VCAP program.
23 Create programs like the Highlands Action Program that are a source of funding for developing infrastructure for trained staff to complete projects.	Implement program by 2023	State / Federal funding	Local water quality improvement, habitat/fisheries improvement	
24 Create a Nutrient Management Plan that would be implemented or required by Home Owner Associations (HOAs); would possibly need a consultant to organize the program. Could also create program to implement Nutrient Management Plan at schools, churches, recreational areas etc.	Implement program by 2023	Funding for DEQ to administer to PDCs or consultant group	Local water quality improvement, habitat/fisheries improvement	
25 Implement education program for dirt/gravel road design, construction, and maintenance.	Implement program by 2023	Grant funding, local staff	Local water quality improvement, habitat/fisheries improvement, education, groundwater recharge, flood control, drainage improvement	
26 Track local storm drain cleaning (municipal and private).	Implement by 2023	Adequate local staffing, tracking forms	Local water quality improvement, habitat/fisheries improvement, human health, flood control, drainage improvement	Reporting requirement for private entities to track storm drain cleaning
27 Provide more guidance for the Infiltration BMP, especially in the CSPDC region where karst topography is abundant.	Implement by 2020		Local water quality improvement, habitat/fisheries improvement, education, groundwater recharge	Guidance from DEQ
28 Implement VDOF program to track/verify citizen tree planting.	Implement program by 2023	Funding for VDOF and Local staffing/funding to verify planting as required	Local water quality improvement, habitat/fisheries improvement, education, beautification, economic improvement, increased property values, air quality	
29 Use Hazard Mitigation Plans for potential stormwater BMP funding.	Implement by 2020		Local water quality improvement, habitat/fisheries improvement, education, beautification, economic improvement, increased property values	