

Final West Virginia Restore Clean Water Action Items

West Virginia January 1, 2022 – December 31, 2023 Milestones - Programmatic Commitments and BMP Implementation Targets

Agriculture					
1.	12/31/2022 12/31/2023	Maintain cover crop implementation of a minimum of 6,000 acres annually within the Potomac Valley and Eastern Panhandle Conservation Districts by providing incentives to plant additional acreage and boost early cover crop adoption. Due to changing cropland possession and weather patterns, acreage has been reduced to better reflect cooperator capabilities in EPCD and PVCD. (pg. 39, 42, 45, 46, 79)	6000 acres cover crop	WVCA –Shreve	
2.	12/31/2022 12/31/2023	Implement a formal riparian buffer outreach strategy to increase the adoption of effective CREP buffers to 200 new acres annually. This will be in conjunction with federal, state and local partners and may include mass mailings, public meetings, news articles, videos, field days, etc. that promote 35-foot riparian buffers riparian buffers required by CREP. (pg. 50-54)	200 new acres forested buffers	WVCA/WVDA/ NRCS/FSA/ WVDOF/TU – Shreve	
3.	12/31/2022 12/31/2023	Transfer a minimum of 4,000 tons of wet litter from Potomac Valley Conservation District annually. This will be accomplished by offering 2 separate incentive programs: one to incentivize the transport of litter to areas outside of the Chesapeake Bay watershed, the second will provide an incentive to Eastern Panhandle Conservation District and Tygarts Valley Conservation District cooperators for the	4000 wet tons poultry litter reported	WVCA - Shreve	

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		purchase of poultry litter from the Potomac Valley Conservation District area. Due to changes in poultry house management resulting in less available litter, the original 7000 wet tons is reduced to 4000. (pg. 39, 40, 79, 80)			
4.	12/31/2022 12/31/2023	Maintain 90,000 acres under nutrient management plan annually through a combination of new and existing plans.	90,000 acres of NMP	WVDA - Monroe	
5.	12/31/2022 12/31/2023	Commit \$54,681 annually (CBIG MEB award) for the implementation of exclusion fencing, alternative watering facilities, pasture division fencing and forested buffers within the Most Effective Basins that EPA has identified. Voluntary BMP implementation will be reported through CBIG annual and semi-annual reporting and NEIEN.	\$54,681 annually	WVCA –Shreve	
6.	12/31/2022 12/31/2023	Commit \$100,000 annually (awarded via CBIG) for the implementation of exclusion fencing, alternative watering facilities and pasture division fencing within EPCD and PVCD. Voluntary BMP implementation will be reported through CBIG annual and semi-annual reporting.	\$100,000 annually	WVCA –Shreve	

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7.	12/31/2023	WV CREP Partner Agencies, led by WVCA, will train staff and implement a verification program for previously expired CP22 contracts. A combined effort between state and federal partners will result in inspection of 100% of expired contracts to determine if areas are still functioning as a forested buffer or grass buffer, or not functioning as a buffer at all. (pg. 50)	2 year milestone annual report	WVCA/ FSA – Shreve	
8.	12/31/2022 12/31/2023	Meet with 12 agriculture producers annually to verify BMPs on their operations.	2 year milestone annual report	WVDA - Monroe	
9.	12/31/2022 12/31/2023	Continue outreach with Berkeley County Farmland Protection easement holders on the various benefits of eligible Conservation Programs, such as CREP, EQIP, and WV CBay Program WV Agricultural Enhancement. (WIP-3, pg. 8)	2 year milestone annual report	Region 9 Planning and Development Council –Diehl	
10.	12/31/2022 12/31/2023	Update WV based outreach materials that can be utilized to showcase resource concerns and how BMP implementation has advanced water quality. (pg.50-58)	2 year milestone annual report	WVCA –Shreve	
11.	12/31/2022 12/31/2023	Continue to develop a series of WV Chesapeake Bay videos promoting BMP adoption (i.e. Cover Crop, CREP, Prescribed Grazing, Nutrient Management, Soil Health, Composting). (pg. 50-58)	2 year milestone annual report	WVCA –Shreve WVDA - Monroe	

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12.	12/31/2022 12/31/2023	Develop outreach materials for WV's Agriculture Verification Program (i.e. newspaper articles, webpage, videos)	2 year milestone annual report	WVDA - Monroe	
13.	12/31/2022 12/31/2023	Host several field days at different locations within PVCD and EPCD to showcase current conservation practices. Staff will be available to advise attendees of current incentive programs. (pg. 46)	2 year milestone annual report	WVDA/WVCA/ NRCS/FSA/ WVDOF/TU - Shreve	
14.	12/31/2022 12/31/2023	Host an agriculture composting workshop	2 year milestone annual report	WVDA - Monroe	
15.	12/31/2022 12/31/2023	Construct animal waste storage facilities for a minimum of 1,250 animal units.	2 year milestone annual report and NEIEN	NRCS - Shreve	
16.	12/31/2022 12/31/2023	In consultation with NRCS, assess operational status of all expiring animal waste storage structures built in 2007 and 2008. Existing and functioning BMPs will be reported through NEIEN.	Retain 65% of credited AU's.	WVCA - Shreve	

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Wastewater					
17.	12/31/2022 12/31/2023	Input compliance schedules and orders into EPA's Integrated Compliance Information System. (pg. 12-17)	Data in system	WV DEP – Wright / Patel	
18.	12/31/2022 12/31/2023	Update inventory of WWTPs with upgrades and schedules as needed. (pg. 12-17)	Spreadsheet	WV DEP - Wandling	
19.	12/31/2022 12/31/2023	Review compliance of newly upgraded systems with NPDES permit limits. (pg. 12-17)	2 year milestone annual report	WV DEP – Wandling	
20.	12/31/2022 12/31/2023	Report new septic installations and connections to Publicly Owned Treatment Works (POTWs) in annual progress submissions.	Annual progress (connections to POTWs) & spreadsheet (new septics)	WVDEP - Hartman	
Offsets and Trading					
21.	12/31/2022 12/31/2023	Update and maintain offsets tracking and accountability system in accordance with EPA requirements. (pg. 12-17)	spreadsheet	WV DEP - Sweeney	
22.	12/31/2022 12/31/2023	Consider and, if appropriate, approve, offset requests on a case by case basis. (pg. 12-17)	2 year milestone annual report	WV DEP - Sweeney	

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Urban Stormwater					
23.	12/31/2023	Work to reissue WV's MS4 permit	2 year milestone annual report	WV DEP – Patel	
24.	12/31/2022 12/31/2023	At least one community voluntarily, yet formally, adopts an ordinance that includes a 1" capture requirement. (p. 50-52)	2 year milestone annual report	Region 9 Planning and Development Council - Diehl	
25.	12/31/2022	Coordinate a workshop on stormwater management topics, involving some new communities or partners. (pg. 26, 33)	2 year milestone annual report	WV DEP - Hartman	
26.	12/31/2022 12/31/2023	Assist at least one community in pursuing conceptual designs of green infrastructure retrofitting (p. 74)	2 year milestone annual report	Region 9 Planning and Development Council - Diehl	
27.	12/31/2022 12/31/2023	Develop a series of WV Chesapeake Bay videos promoting stormwater BMP adoption (i.e. rain barrel, rain garden, porous pavers, etc.) (pg. 35)	2 year milestone annual report	WVCA - Shreve	
28.	12/31/2022 12/31/2023	Update QAPP to reflect any changes to urban stormwater BMP reporting or verification processes. (pg. 30)	QAPP	WV DEP - Hartman	
29.	12/31/2023	Using EPA/Tetra Tech contract, develop conceptual GI plans for 1 – 2 communities. (pg. 28, 34, 36)	2 year annual milestone report.	WV DEP – Koon via Tetra Tech	

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OTHER					
30.	12/31/2022 12/31/2023	Investigate and manage at least one DEIJ focused project annually.	2 year annual milestone report	WVCA - Shreve	
31.	12/31/2022 12/31/2023	Identify two new nutrient-reducing projects for which DEIJ/MEB funding is appropriate	2 year annual milestone report	WV DEP - Hartman	
32.	12/31/2022 12/31/2023	Provide Chesapeake Bay focused outreach to children within PVCD and EPCD utilizing printed materials and lessons that may be provided alongside the WV Soil Tunnel Trailer visits.	2,000 children annually	WVCA - Shreve	
WEST VIRGINIA NOTES AND GENERAL COMMENTS					
<p>Climate Change – West Virginia accounted for 2025 climate change conditions by numerically achieving the target load for climate change in our final Phase III WIP. West Virginia recognizes that preliminary estimates for the climate impact through 2035 indicate a doubling of the 2025 load effect. The effect of climate change on our ability to meet the Bay’s water quality standards is a significant and increasing concern.</p>					