

## Final West Virginia Restore Clean Water Action Items

### West Virginia January 1, 2020 – December 31, 2021 Milestones - Programmatic Commitments and BMP Implementation Targets

Agriculture					
1.	12/31/2021	Conduct one promotional outreach session with Berkeley County Farmland Protection easement holders on the various benefits of eligible Conservation Programs, such as CREP, EQIP, and WV Agricultural Enhancement. (WIP-3, pg. 8)	2 year milestone annual report	Region 9 Planning and Development Council – Pennington	
2.	12/31/2021	Conserve 7500 acres of agriculture land under the WV Farmland Preservation Program and County Farmland Protection Boards. (WIP-3 pg. 10, 61, 62)	7500 acres conserved land	County Farmland Protection Boards – Mark Schiavone	
3.	12/31/20 12/31/21	Engage water utilities, land trusts, and community partners in using land conservation to protect drinking water through the Safe Water Conservation Collaborative. (pg. 61-62)	2 year milestone annual report	WV Rivers Coalition – Tanner Haid	
4.	12/31/2020 12/31/2021	Maintain cover crop implementation of a minimum of 7,000 acres annually within the Potomac Valley and Eastern Panhandle Conservation Districts by providing incentives to plant additional acreage and boost early cover crop adoption. (pg. 39, 42, 45, 46, 79)	7000 acres cover crop	WVCA – Shreve	
5.	12/31/2020 12/31/2021	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	WVDA/WVCA – Monroe/Shreve	
6.	12/31/2020 12/31/2021	Continue to develop a series of WV Chesapeake Bay videos promoting BMP adoption (i.e. Cover Crop, Stream Restoration, CREP, Verification). (pg. 50-58)	2 year milestone annual report	WVDA/WVCA/ NRCS/FSA/ WVDOF/TU – Monroe / Shreve	

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7.	12/31/2020 12/31/2021	Implement a formal riparian buffer outreach strategy to increase the adoption of effective buffers to 200 new acres annually. This will be in conjunction with our federal, state and local partners and may include mass mailings, public meetings, news article series, videos, field days, etc. that promote both riparian buffers in general and CREP. (pg. 50-54)	200 new acres forested buffers	WVDA/WVCA/ NRCS/FSA/ WVDOF/TU – Monroe / Shreve	
8.	12/31/2021	Host a comprehensive programmatic and technical CREP training with classroom and field components for all CREP partners. This will address new staff, consistency in program delivery, program compliance, and monitoring and maintenance issues. (pg. 50)	2 year milestone annual report	FSA/WVDOF/ WVCA/NRCS – Monroe / Shreve	
9.	12/31/2021	WV CREP Partner Agencies, led by WVCA, will train staff and implement a verification program for CP22 contracts. A combined effort between state and federal partners will result in inspection of 100% of expiring contracts annually. (pg. 50)	Retain 50% of credited acres	WVDA/WVCA/W DOF/NRCS/ FSA – Monroe/Shreve	
10.	12/31/2020 12/31/2021	Implement an agriculture BMP verification program using an adaptive management approach. (Pg. 60-61)	2 year milestone annual report	WVDA/WVCA/ WVDOF – Monroe/Shreve	
11.	12/31/2020 12/31/2021	Transfer a minimum of 7,500 tons of wet litter from Potomac Valley Conservation District annually. This will be accomplished by offering incentive payments to Eastern Panhandle Conservation District and Tygarts Valley Conservation District cooperators for the purchase of poultry litter from the Potomac Valley Conservation District area. (pg. 39, 40, 79, 80)	7500 wet tons poultry litter reported	WVCA - Shreve	

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12.	12/31/2021	Construct animal waste storage facilities on new poultry operations for a minimum of 5,000 animal units. (pg. 39, 42, 44, 79)	animal waste storage for 5000 new au.	NRCS - Shreve	
13.	12/31/20	In consultation with NRCS, assess operational status of expiring poultry animal waste storage structures built between 2004 and 2006. Existing and functioning BMPs will be reported through NEIEN.	Retain 65% of credited au.	WVCA - Shreve	
14.	12/31/2021	Host a state-wide field day at the 2019 WV Conservation Farm located in Mineral County. Current conservation practices will be show cased and staff will be available to advise attendees of available incentive programs. (pg. 46)	2 year milestone annual report	WVDA/WVCA/ NRCS/FSA/ WVDOF/TU - Shreve	
15.	12/31/2020 12/31/2021	All EQIP and CREP contracts will include an up-to-date conservation plan. Depending upon the specific operation, a prescribed grazing plan may also be included. Acres under these plans will be updated annually. (pg. 62)	Conservation and grazing plan acres reported through NEIEN.	NRCS/FSA/ WVCA - Shreve	
<b>Wastewater</b>					
16.	12/31/2020 12/31/2021	Input compliance schedules and orders into EPA's Integrated Compliance Information System. (pg. 12-17)	Data in system	WV DEP - Patel	
17.	12/31/2020 12/31/2021	Update inventory of WWTPs with upgrades and schedules as needed. (pg. 12-17)	Spreadsheet	WV DEP - Wandling	

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18.	12/31/2020 12/31/2021	Review compliance of newly upgraded systems with NPDES permit limits. (pg. 12-17)	2 year milestone annual report	WV DEP – Wandling	
19.	12/31/2020 12/31/2021	Assist the Warm Springs Public Service District develop and apply for funding to conduct an inflow and infiltration management project. (pg. 19)	2 year milestone annual report	Region 9 Planning and Development Council	
20.	12/31/2020 12/31/2021	Report new septic installations and connections to Publicly Owned Treatment Works (POTWs) in annual progress submissions to demonstrate overall minimal growth on septic systems.	Annual progress (connections to POTWs) & spreadsheet (new septic)	WVDEP - Hartman	
<b>Offsets and Trading</b>					
21.	12/31/2020 12/31/2021	Update and maintain offsets tracking and accountability system in accordance with EPA requirements. (pg. 12-17)	spreadsheet	WV DEP - Patel	
22.	12/31/2020 12/31/2021	Consider and, if appropriate, approve, offset requests on a case by case basis. (pg. 12-17)	2 year milestone annual report	WV DEP - Patel	
<b>Urban Stormwater</b>					
23.	12/31/2020 12/31/2021	Obtain funding and develop one (1) Multi-Jurisdictional Hazard Mitigation Plan containing goals and strategies for Nature Based BMPs co-benefitting Water Quality and Hazard Mitigation. (pg. 31)	2 year milestone annual report	Region 9 Planning and Development Council - Pennington	

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24.	12/31/2020	Coordinate a workshop on stormwater management topics with partners, e.g. CSN, Region 9. (pg. 26)	2 year milestone annual report	WV DEP - Hartman	
25.	12/31/2020	Update the WV Stormwater Management and Design Guidance Manual to incorporate the latest CBP approved BMPs. Add summary chapter with how-to and resource guides for municipalities, contractors, subdivisions, and homeowners. Provide details on incorporating (poultry litter) biochar as soil amendment and in BMPs. (pg. 23)	Stormwater Guidance Manual	WV DEP - Donner	
26.	12/31/2020	Analyze current land use data to determine impact on nutrient and sediment loads. (pg. 10, 20-23, 27)	2 year milestone annual report	WV DEP - Donner	
27.	12/31/2021	Hold workshop on using the updated WV Stormwater Management and Design Guidance Manual. (pg. 23, 26)	2 year milestone annual report	WV DEP - Donner	
28.	12/31/2021	Fulfill training requests by MS4s and stormwater professionals. (pg. 28)	2 year milestone annual report	WV DEP - Donner	
29.	12/31/2021	Shift BMP verification and inspection of new BMPs to same progress year as construction. (pg. 22)	NEIEN submittal	WV DEP - Donner	
30.	12/31/2021	Update QAPP to reflect the milestone above. (pg. 28)	QAPP	WV DEP - Donner	
31.	12/31/2021	Reissue the Municipal Separate Storm Sewer Systems Permit.	2 year milestone annual report	WV DEP – Patel	
32.	12/31/2021	Using EPA/Tetra Tech contract, design green infrastructure project for the City of Martinsburg. (pg. 28, 34, 36)	2 year annual milestone report.	WV DEP – Koon via Tetra Tech	

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	<b>WEST VIRGINIA NOTES AND GENERAL COMMENTS</b>				
	None				