

## Final West Virginia Restore Clean Water Action Items

### January 1, 2016 – December 31, 2017 Jurisdiction Programmatic Two-Year Milestones

	<b>Target Date</b>	<b>Milestone (WIP page reference)*</b>	<b>Deliverable</b>	<b>Lead Agency</b>	<b>Comments/Status Updates</b>
<b>Urban and Construction Stormwater</b>					
1.	12/31/2016	BMP verification training for MS4s (p. 38-40)	2 year milestone annual report	WV DEP - Donner	COMPLETE - Strongly encouraged MS4 participation at several BMP verification trainings and webinars. Covered verification and reporting during 10/23/17 workshop in collaboration with CSN.
2.	12/31/2016	Annual reporting training for MS4s (p. 38-40)	2 year milestone annual report	WV DEP - Donner	COMPLETE - Covered verification and reporting during 10/23/17 workshop in collaboration with CSN.
3.	12/31/17	Train MS4s on at least two Minimum Control Measures (MCMs) (p. 38-40)	2 year milestone annual report	WV DEP - Donner	COMPETE - Difficulty getting direct interest by MS4s, but working with partners and sharing third-party training opportunities with MS4s. MS4 training provided by DEP June 29, 2017.
4.	12/31/17	Train interested parties on LID and BMPs (p. 42, 52-54)	2 year milestone annual report	WV DEP - Donner	COMPLETE - Working mostly with non-profits and HOAs, but also some developers and local governments.
5.	12/31/17	Start with phase 1 of retrofit to the Martinsburg Roundhouse site (p. 53)	2 year milestone annual report	WV DEP - Donner	Funds were unobligated for this project due to a change in the Round House Board leadership and priorities. May pursue this at a later date pending funding availability.
6.	12/31/17	Work on implementation of enhanced tracking and verification program upon review and approval. (p.56-57)	2 year milestone annual report	WV DEP - Donner	Implementation is in progress and on schedule.

## Final West Virginia Restore Clean Water Action Items

### January 1, 2016 – December 31, 2017 Jurisdiction Programmatic Two-Year Milestones

	Target Date	Milestone (WIP page reference)*	Deliverable	Lead Agency	Comments/Status Updates
			and annual BMP reporting through NEIEN		
7.	12/31/17	Develop a voluntary MS4 operator certification training program. (p. 38-39)	2 year milestone annual report	WV DEP - Parsons	COMPLETE but modified. Trainings for MS4 permittees were held on 6/22, 6/27, 6/28, and 6/29 in the bay area. Three DEP staff members received MS4 Compliance & Enforcement Certified Inspector certification. One staff member became a Certified Professional in Municipal Stormwater Management.
8	12/31/2016	Revise the MS4 Modification Application (p. 38-39)	2 year milestone annual report	WV DEP – Parsons	BEHIND SCHEDULE BUT WILL BE COMPLETED. The modification is complete and in electronic format. Awaiting activation from the Office of Technology.
9.	12/31/2017	Reissue WV/NPDES construction stormwater general permit. (p.36)	Permit	WV DEP – Bosley	BEHIND SCHEDULE BUT WILL BE COMPLETED. Draft reissuance has been submitted to management for consideration.
10.	12/31/17	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	COMPLETE Shepherdstown – Effective May 2016
11.	12/31/17	Provide assistance to local governments in developing stormwater management guidelines and plans, training, and information on the	2 year milestone annual report	Region 9 Planning and	COMPLETE – October 2016 Region 9 PDC led a series of meetings that brought together local staff to

## Final West Virginia Restore Clean Water Action Items

### January 1, 2016 – December 31, 2017 Jurisdiction Programmatic Two-Year Milestones

	<b>Target Date</b>	<b>Milestone (WIP page reference)*</b>	<b>Deliverable</b>	<b>Lead Agency</b>	<b>Comments/Status Updates</b>
		latest stormwater management techniques to the community at large by developing a Standard Operation Procedure Model Manual for local stormwater management programs. (p. 54, 57-58)		Development Council	develop a Standard Operating Procedure (SOP). The SOP Manual materials can be found on the Region 9 website.
12.	12/31/17	Work with 2 local governments to include urban tree canopy goals into their comprehensive plan. (p. 42, 45)	2 year milestone annual report	Region 9 Planning and Development Council	COMPLETE. Worked with Berkeley County and the Town of Bath to include language regarding Urban Tree Canopy in their comprehensive plans.
13.	12/31/17	Develop and maintain a spatial database (GIS) for all stormwater outfalls and 10% of existing stormwater structures within the City of Martinsburg	2 year milestone annual report	Region 9 Planning and Development Council	COMPLETE – October 2016 Martinsburg has completed a citywide survey locating all known outfalls and a significant portion of stormwater structures. The data has been uploaded into a digital GIS Database.
14.	6/30/16	Evaluate whether to incorporate stormwater BMP implementation prior to 2006 for history.	NEIEN input	WV DEP – Donner	COMPLETE. Stormwater BMPs prior to 2006 were added to WV history.
15.	6/30/16	Submit historical data to capture dry ponds omitted in the 2015 progress run.	NEIEN input	WV DEP - Donner	COMPLETE.
16.	10/31/16	Evaluate the use of non-agricultural fertilizer sales in order to continue receiving credit for urban phosphorus fertilizer reductions.	Data provided to CBP	WV DEP – Montali/Donner	COMPLETE. More than 70% of the data collected by WVDA on fertilizer sales does not identify the county. In addition, annual nutrient data does not identify

## Final West Virginia Restore Clean Water Action Items

### January 1, 2016 – December 31, 2017 Jurisdiction Programmatic Two-Year Milestones

	Target Date	Milestone (WIP page reference)*	Deliverable	Lead Agency	Comments/Status Updates
					whether it's a FARM or NONFARM fertilizer source.
<b>Wastewater</b>					
17.	12/31/17	Finalize significant wastewater treatment plant upgrades so that all are compliant with TMDL wasteload allocations. (App. A.1)	2017 progress report	WV DEP	ONGOING. Martinsburg, Keyser and all Berkeley County PSSD upgrade projects are complete. Petersburg is the last remaining WWTP to upgrade with a scheduled completion of March 2018.
18.	12/31/17	Input compliance schedules and orders into EPA's Integrated Compliance Information System.	Data in system	WV DEP - Patel	ONGOING and CURRENT. All schedules have been submitted to ICIS and are up to date.
19.	12/31/16 12/31/17	Update inventory of WWTPs with upgrades and schedules as needed.	Spreadsheet	WV DEP - Browning	COMPLETE. Updated spreadsheet included.
<b>Offsets and Trading</b>					
20.	12/31/17	Update and maintain offsets tracking and accountability system in accordance with EPA requirements. (p. 114)	2 year milestone annual report	WV DEP - Patel	COMPLETE. One (1) additional offsets approved. See spreadsheet attached.
21.	12/31/17	Consider and, if appropriate, approve, offset requests on a case by case basis.		WV DEP - Patel	COMPLETE. One (1) offsets approved during 2016-2017.

## Final West Virginia Restore Clean Water Action Items

### January 1, 2016 – December 31, 2017 Jurisdiction Programmatic Two-Year Milestones

	Target Date	Milestone (WIP page reference)*	Deliverable	Lead Agency	Comments/Status Updates
Agriculture – see attachment for additional details					
22.	12/31/16	Create team and build BMP verification pilot project.	2 year milestone annual report	WVDA	COMPLETE. Planning meetings occurred during the month of December, then a group of employees from the WVDA and WVCA visited a Poultry and Beef farm in Hardy County on December 28, 2016. All Best Management Practices on the farm were visually inspected and documented. Meetings are have taken place to discuss lessons learned and next steps in developing and implementing WV's agriculture verification program.
23.	12/31/17	Implement agriculture BMP verification training program for staff.	2 year milestone annual report	WVDA	COMPLETE. Training provided for agriculture partners summer 2017. Additional trainings will be provided if needed. Interagency BMP verification planning meeting held September 2017 to prioritize BMPs for verification and solidify roles and responsibilities.
24.	12/31/2017	Boost cover crop adoption by 7000 acres annually within the Potomac Valley and Eastern Panhandle Conservation Districts by providing increased funding in the amount of \$190,000 in 2016-2017. (p.74, 92)	2 year milestone annual report	WVCA	COMPLETE. 7217 acres of cover crop implemented in 2016.
25.	12/31/2017	Develop WV based Chesapeake Bay display to showcase the progress that has been made in the eight county region to be utilized by Ag partners for outreach purposes. (p.78, 86)	2 year milestone annual report	WVDA	COMPLETE - July 2017. Two 24x35 tri-fold displays were designed. One will be used in the Eastern Panhandle Conservation District, and the other will

## Final West Virginia Restore Clean Water Action Items

### January 1, 2016 – December 31, 2017 Jurisdiction Programmatic Two-Year Milestones

	<b>Target Date</b>	<b>Milestone (WIP page reference)*</b>	<b>Deliverable</b>	<b>Lead Agency</b>	<b>Comments/Status Updates</b>
					be used in the Potomac Valley Conservation District.
26.	12/31/2017	Develop a series of WV Chesapeake Bay videos promoting BMP adoption. (p.78, 86)	2 year milestone annual report	Agriculture	COMPLETE. Nutrient Management video completed September 2017. The WV Bay Communications Workgroup has started work on other videos (such as cover crops).
27.	12/31/2017	Develop a formal riparian buffer outreach strategy to increase the adoption of effective buffers by 250 acres annually. This will be in conjunction with our federal, state and local partners and could include mass mailings, public meetings, news article series, videos, etc. (p. 71)	2 year milestone annual report	Agriculture	COMPLETE. WV's Chesapeake Bay CREP Addendum to the WV CREP Agreement was approved on 9/21/2017. This brings \$1 million of FSA funds as well as \$200,000 State funds (\$100k cash and \$100K of technical/in-kind services) for RFB contract enrollments and re-enrollments. A formal outreach strategy was developed. The WV workgroup has developed a post card and press release and is currently in the process of sending a mass mailing to agricultural producers and a press release in all local newspapers to promote CREP. Partners will be holding a staff training in the spring of 2018 with the intent of increasing CREP enrollment and RFB establishment.
28.	12/31/2016	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	2 year milestone annual report	Agriculture	COMPLETE. A CREP Partnership training was held May 3-4, 2016. Fifty natural resource professionals were in attendance representing NRCS, WV DOF,

## Final West Virginia Restore Clean Water Action Items

### January 1, 2016 – December 31, 2017 Jurisdiction Programmatic Two-Year Milestones

	<b>Target Date</b>	<b>Milestone (WIP page reference)*</b>	<b>Deliverable</b>	<b>Lead Agency</b>	<b>Comments/Status Updates</b>
		delivery, program compliance, and monitoring and maintenance issues. (p.71)			USFS, PRK, FSA, WVDA, WVCA, WV DEP, and Alliance for the Bay.
29.	12/31/2016	Host formal signing of new CREP agreement addendum with Federal, State and NGO officials, with Governor’s attendance. This will also highlight the kickoff of the newly acquired \$1 million grant through USFS. (p.71)	2 year milestone annual report	CREP Partners	COMPLETE. The CREP Addendum has been signed by WV and USDA Washington DC as of 9/21/2017. The funding is secured and procedures approved.
30.	12/31/2017	Develop comprehensive Nutrient Management Planning outreach strategy working with “Water Words that Work” to facilitate increased adoption of NMPs focusing on the eastern panhandle of West Virginia resulting in at least 10,000 new acres. (p.80, 89)	2 year milestone annual report	WVDA/WVCA	COMPLETE. While we did not use “Water Words that Work” for this project, WVCA and WVDA joined together to plan and complete an outreach project which resulted in thousands of new acres of Nutrient Management Plans. Several of these acres were in this year’s annual Bay Reporting and the remainder of the acres will show up in next year’s reporting.
31.	12/31/2016	West Virginia Department of Agriculture Soil Testing Program startup which will result in increased efficiency, quality assurance program with increased reporting accuracy, expedited analysis turnaround and direct contact with WVDA and WVCA nutrient management planners. (p.80, 81)	2 year milestone annual report	WVDA	COMPLETE. During 2016, the West Virginia Department of Agriculture developed a certified Soil Testing Laboratory to expedite soil testing primarily for WVDA Nutrient Management Specialists. This program has greatly increased the turnaround time for analyses and results.
* As part of the adaptive management process for achieving water quality goals, jurisdictions may submit programmatic milestones that modify, are in place of, or are in addition to milestones listed in their Phase II WIPs so long as the jurisdiction can demonstrate that they will be as effective toward meeting water quality goals.					

Final West Virginia Restore Clean Water Action Items

**January 1, 2016 – December 31, 2017 Jurisdiction Programmatic Two-Year Milestones**

Target Date	Milestone (WIP page reference)*	Deliverable	Lead Agency	Comments/Status Updates
<b>WEST VIRGINIA NOTES AND GENERAL COMMENTS</b>				