

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
Urban and Construction Stormwater					
1.	12/31/2016	BMP verification training for MS4s (p. 38-40)	2 year milestone annual report	WV DEP - Donner	Strongly encouraged MS4 participation at several BMP verification trainings and webinars. MS4 training to be provided by DEP in the Spring of 2017. Still fine tuning verification training materials. This will likely be a separate training from the Annual Reporting and Site Registration training in Line 2.
2.	12/31/2016	Annual reporting training for MS4s (p. 38-40)	2 year milestone annual report	WV DEP - Donner	MS4 training to be provided by DEP in the Spring of 2017. Annual reporting and Minimum Control Measure trainings will likely be part of one day-long training event.
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	Difficulty getting direct interest by MS4s, but working with partners and sharing third-party training opportunities with MS4s. MS4 training to be provided by DEP in the Spring of 2017.
4.	12/31/17	Train interested parties on LID and BMPs (p. 42, 52-54)	2 year milestone annual report	WV DEP - Donner	Working mostly with non-profits and HOAs, but also some developers and local governments. Examples include Northern WV Brownfields Assistance Center (multiple locations), Shepherdstown Public Library in Jefferson County, Misty Meadows HOA in Hampshire County,

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					Roundhouse Authority in Martinsburg, Eastern WV Community and Technical College near Moorefield, Hardy County - Planning Commission, Rural Development Authority, and Board of Education.
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	The Roundhouse project overall may not be completed until 2019. Matching funds availability will dictate pace of progress. Phase 1 is expected to be completed by target date.
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 and annual BMP reporting through NEIEN	WV DEP - Donner	Implementation is in progress. Used our in-house developed tracking and reporting database to submit stormwater BMPs through NEIEN successfully for both Phase 5 and 6 Models. Developing training materials for third parties.
7.	12/31/17	Develop a voluntary MS4 operator certification training program. (p. 38-39)	2 year milestone annual report	WV DEP - Parsons	Several training sessions have been scheduled for MS4 staff at the WVDEP. Three staff members are registered for Certified Professional in Municipal Stormwater Management training/certification for February, 20 and 21, 2017. Three staff members are also registered for the MS4 Compliance and Enforcement Certified Inspector training on March 6 and 7, 2017. Once training and certifications are complete, a MS4

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					operator certification training program will be developed. Anticipated date, May-June 2017.
8	12/31/2016	Revise the MS4 Modification Application (p. 38-39)	2 year milestone annual report	WV DEP – Parsons	The modification is complete and in electronic format. Awaiting signature of Division Director to finalize.
9.	12/31/2017	Reissue WV/NPDES construction stormwater general permit. (p.36)	Permit	WV DEP – Bosley	The permit is currently being reviewed. Anticipated date completion for any modifications/additions is June 2017.
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 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)	2 year milestone annual report	Region 9 Planning and Development Council	COMPLETE – October 2016 Region 9 PDC led a series of meetings that brought together local staff to 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	Ongoing. Berkeley County has included language regarding Urban Tree Canopy http://berkeleywv.org/sharedimg/general/121.pdf (pg.18) – October 20, 2016

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					Town of Bath has included language regarding UTC on page 39 of its DRAFT Comprehensive Plan: http://townofbath.org/wp-content/uploads/2014/04/DRAFT-Bath-Comprehensive-Plan-01-20-2017.pdf A Public Hearing is scheduled for March 6 th where comments will be taken on the Draft Plan. No formal date for adoption has been established.
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	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	Obtaining this data has been difficult. Additional attempts will be made in 2017.

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Wastewater					
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	Martinsburg, Keyser and Berkeley County PSSD North projects are complete. The remaining 3 Berkeley County PSSD projects are up and running but still being tweaked.
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	Updated spreadsheet included.
Offsets and Trading					
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	Current spreadsheet attached.
21.	12/31/17	Consider and, if appropriate, approve, offset requests on a case by case basis.		WV DEP - Patel	No offsets proposed during the past year.
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

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					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 now taking place for employees 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	On track to be completed by 12/31/2017. Two trainings will be conducted in the first and second quarter of 2017. Additional trainings will be provided if needed.
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	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	On track to be completed by 12/31/2017. WVDA has been in contact with WVCA. Funding has been secured. Agencies plan to order two 27" x 39" tri-fold displays. One is to be used in the Eastern Panhandle Conservation District, and the other is to be used in the Potomac Valley Conservation District. WVDA has also been in contact with WVDEP to decide which specific

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					charts and graphs will be used on the displays.
26.	12/31/2017	Develop a series of WV Chesapeake Bay videos promoting BMP adoption. (p.78, 86)	2 year milestone annual report	Agriculture	Need to bring this milestone to the forefront and put plans in place to complete it by 12/31/2017.
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	Need to bring this milestone to the forefront and put plans in place to complete it by 12/31/2017.
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 delivery, program compliance, and monitoring and maintenance issues. (p.71)	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, 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	Due to the federal funding process being revised and with an added requirement of completing an environmental assessment (EA), the originally anticipated CREP Addendum and signing ceremony has been delayed; however, the newly acquired \$1 million of federal incentive funds remain available. Federal and State partners have agreed on minor modifications to the CREP Agreement to permit use of these special purpose

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					funds. This minor Addendum is in its final stages and is anticipated to be official within the next 6 months.
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.					
WEST VIRGINIA NOTES AND GENERAL COMMENTS					