

Final West Virginia Restore Clean Water Action Items

January 1, 2014 – December 31, 2015 Jurisdiction Programmatic Two-Year Milestones

	Target Date	Milestone (WIP page reference)*	Deliverable	Lead Agency	Comments/Status Updates
Urban and Construction Stormwater					
1.	12/31/15	Three communities voluntarily, yet formally, adopt ordinances that include a 1" capture requirement. (pp. 50-52)	2 year milestone annual report	Region 9 Planning and Development Council	<u>Jefferson County</u> – Effective 1/1/14 <u>Harpers Ferry</u> – Currently going through adoption process. <u>Ranson</u> – draft complete; currently awaiting legal review. <u>Shepherdstown</u> – draft complete; awaiting Council approval for legal review.
2.	12/31/15	Develop post-construction stormwater BMP curriculum that can be incorporated into existing programs such as the Master Naturalist or Master Gardeners programs. (p. 54)	2 year milestone annual report	WV DEP - Donner	Compiling the material is almost complete. Currently fine-tuning corresponding presentations. Anticipate on time completion of milestone.
3.	12/31/14	Conduct a workshop for golf course superintendents that will include components of the State of Virginia's "Environmental Best Management Practices for Virginia's Golf Courses" and offer training on Nutrient Management Plan development. (pg. 54)	2 year milestone annual report	Region 9 Planning and Development Council	A Nutrient Management Seminar was conducted during the WV Golf Course Superintendents Association annual conference in Morgantown, WV on November 5, 2014.
4.	12/31/15	Work with 3 local governments to include urban tree canopy goals into their comprehensive plan. (pp. 42, 45)	2 year milestone annual report	Region 9 Planning and Development Council	<u>Jefferson County</u> – Draft Plan 2015 (UTC goal pg. 219) <u>Shepherdstown</u> – Draft Plan 2015 (pg. 8-6) <u>Bath</u> – Draft Plan includes UTC Goals.

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5.	12/31/14	Plant 500 trees through the WV CommuniTree Project. (pp. 47, 53)	2014 progress run	Cacapon Institute	898 trees planted in calendar year 2014 through Project CommuniTree.
6.	6/30/15	Train at least three (3) local governments/3 rd party reporting agents on the use of the BMP database. Prepare SOPs for database based on user profile (inspectors, MS4 admin, non-regulated admin.) p. 57-58.	2 year milestone annual report	WV DEP - Donner	Due to issues relating to Milestone 16, we are currently developing an alternative BMP reporting method for local gov/third parties. Anticipate completion of SOPs and trainings for reporting BMPs on time.
7.	9/30/15	Conduct a comprehensive assessment of new growth and nutrient loadings for the urban stormwater sector. (p. 56-57)	Findings / report	WV DEP - Donner	Making good progress with the land use change analysis to assess growth and changes in nutrient loadings. Anticipate on time completion of milestone.
8.	7/31/14	Develop a scope of work and timeline for the comprehensive assessment. (p. 56-57)	Scope of work	WV DEP - Donner	Completed and submitted to CBP.
9.	6/30/14	Reissuance of MS4 general permit. (p.37)	Permit	WV DEP - Anderson	The permit was reissued on June 11, 2014 with effective date of July 11, 2014.
10.	12/31/15	Maintain concurrent permitted disturbed construction area. (p. 34 and Appendix B. 6)	2 year milestone annual report	WV DEP - Anderson	Maintained and up to date. Provided to CBP for 2014 progress run.
11.	6/30/15	Develop and present LID and post-construction stormwater BMP trainings/workshops specifically geared toward 1) engineers/designers, 2) builders/contractors, 3) inspection/maintenance. Minimum of three (3) workshops reaching at least ten (10) each:	2 year milestone annual report	WV DEP - Donner	Completed, and additional workshops are being scheduled. A BMP design workshop for engineers and designers was held on 02/04/14 in Martinsburg with 25 participants. A BMP construction workshop for contractors on 02/25/14 in

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		engineers (PE), contractors, and homeowners. The trainings target professionals who service MS4s, locally regulated and non-regulated areas of WV in the Chesapeake Bay Watershed. (p.54)			Martinsburg had 12 participants. A BMP installation and maintenance training on 10/03/14 in Romney was attended by eight construction and maintenance employees. Several HOAs have received individualized trainings, with attendance ranging from two to seven each.
12.	12/31/15	Evaluate the feasibility of incorporating nutrient management into our reissued CSGP. (p.35)	2 year milestones report	WV DEP - Anderson	To be implemented 10-1-2015 if determined necessary by WV's comprehensive assessment, milestone #7.
13.	12/31/15	Enhance the urban stormwater BMP tracking, verification, and reporting program so that it is consistent with the Chesapeake Bay Program Partnership's forthcoming verification framework and guidance. (p. 56-57)	Program document	WV DEP - Donner	Still working on first draft, but making good progress. Anticipate on time completion of milestone.
14.	12/31/15	Begin implementing the state's enhanced tracking and verification program upon review and approval. (p.56-57)	Annual BMP reporting through NEIEN	WV DEP - Donner	Will need to complete milestone 13 first. Anticipate on time completion of milestone.
15.	10/31/15	Review and correct data on BMPs previously reported to the CBP. (p.56-57)	Annual BMP reporting through NEIEN	WV DEP - Donner	Completed. Submitted corrected data through our 2014 BMP data submission and progress run.

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16.	12/31/15	Work with DEP ITO and/or Tetra Tech to incorporate new stormwater performance standards and retrofits into BMP and land use change database. (p. 57-58)	Annual BMP reporting through NEIEN	WV DEP - Donner	Due to difficulties adjusting the Tetra Tech database to current standards and DEP ITO being backed up, we are developing an alternative urban BMP and land use change tracking and reporting system.
Wastewater – see attachment for additional details					
17.	12/31/15	4 significant facilities (Pilgrim’s Pride Corporation (2), town of Moorefield and Charles Town) upgraded or combined to meet TN and TP WLA compliance (App. A.1)	2015 progress report	WV DEP - Patel	Completed.
18.	12/31/15	Input compliance schedules and orders into EPA’s Integrated Compliance Information System.	Data in system	WV DEP - Sangid	Ongoing and current.
Offsets and Trading					
19.	12/31/15	Update and maintain offsets tracking and accountability system in accordance with EPA requirements. (p. 114)	2 year milestone annual report	WV DEP - Patel	Ongoing and current
20.	12/31/15	Consider and, if appropriate, approve, offset requests on a case by case basis.		WV DEP - Patel	Considering requests for a new mine bath house for Mettiki Coal and a fish hatchery that was in existence at time of TMDL but of which we were not aware.

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Agriculture – see attachment for additional details					
21.	12/31/14	Review and begin BETA testing of new Manure Management Program software as a planning tool for WV Certified Nutrient Management Planners. (p. 88)	Number of NMPs written	Agriculture	WVDA Nutrient Management Specialists spent several months testing the Manure Management Program software (MMP). Feedback on the testing process was sent to WVU Extension. Note: due to program flaws discovered during the testing process, no complete Nutrient Management Plans were turned in to NRCS or agricultural producers.
22.	12/31/15	Develop and present nutrient and soil educational program emphasizing connection between nutrients and agricultural production for 6 th through 8 th graders. (p. 80)	2 year milestone annual report	WVDA	WVDA's Agricultural Outreach Specialist has developed the concept for this educational program and plans to roll it out by December 2015.
23.	12/31/14	Conduct outreach & education to encourage producers to install and maintain BMPs. (p. 86)	2 year milestone annual report	Agriculture	Buffer workshop Oct. 4, 2014- 36 attendees. Small Farm Water Quality Improvement Assessment Workshop- Nov. 5, 2014- 12 participants. AgEP outreach articles in local papers quarterly promoting cost share programs.
24.	12/31/14	Develop NMPs for CAFOS. (p. 104)	WV/NPDES permits and 2 year milestone annual report	WVDA	WVDA continues to develop Nutrient Management Plans for West Virginia CAFO's that are currently permitted as well as several unpermitted large CAFOs.

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25.	12/31/15	Develop buffer specific outreach program to encourage installation and maintenance of riparian buffers. (p. 86, 71)	2 year milestone annual report	WVCA	Currently actively participating in WV Chesapeake Bay Riparian Buffer Task Force to prioritize and develop outreach program to re-energize CREP participation. Next phase is to define priorities and develop a budget by Jan 27, 2015. Buffer workshop October 4 th in EPCD with 36 attendees, combined CREP informational session with timber management near surface water trainings. Buffer informational signage at I81 Rest Stop initiated.
26.	12/31/15	Enhance the agriculture BMP tracking, verification, and reporting program so that it is consistent with the Chesapeake Bay Program Partnership's forthcoming verification framework and guidance. (p. 63, 84)	Program document	WVDA	WV is planning to begin development of this program in the near future and should be able to meet the required time frames.
27.	12/31/15	Begin implementing the state's enhanced tracking and verification program upon review and approval. (p. 63, 84)	Annual BMP reporting through NEIEN	WVDA	Implementation of this program will begin immediately after development.
28.	12/31/14	Develop and deliver comprehensive stream restoration training for resource staff. (p. 78)	2 year milestone annual report	WVCA	Not complete. In planning stages. To be done by 12/31/15.
29.	12/31/14	Develop and implement a tracking and reporting system for agricultural non-cost-shared BMPs. (p. 84)	2 year milestone annual report	WVDA	WV is working with Tetra Tech to develop an agricultural database that is scheduled for completion by the end of February 2015.

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30.	12/31/14	Provide funds in amount of \$99,000.00 in 2014-2015 to assist in implementation of cover crops to Conservation Districts from CBIG. (p. 73)	2 year milestone annual report	WVCA	2,858.66 acres of cover crops planted under AgEP. Additional 1,050 uncost-shared as match.
31.	10/31/15	Review and correct data on BMPs previously reported to the CBP. (p. 77)	Annual BMP reporting through NEIEN	WV DEP / WVDA / WVCA	Data from a file review of NRCS field offices updated in NEIEN and included in 2014 progress run.
* 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					
Details for West Virginia's outreach and education efforts can be found in 2013 and 2014 CBIG and CBRAP workplans.					