

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

Target Date	Milestone (WIP page reference)*	Deliverable	Lead Agency	Comments/Status Updates
Agriculture				
12/31/2014	Complete EPA CAFO program assessment and ensure consistency with EPA regulatory requirements. (WIP Page 97)	DEP submitted requested documentation to EPA on March 27, 2014. EPA–CBF Settlement agreement significantly influences this milestone. DEP will work with EPA to address EPA’s required actions from the EPA-CBF CAFO Settlement Agreement. (NOTE: PA is not a party to this settlement agreement.)	DEP	DEP will assist EPA to finalize the CAFO program assessment by December 31, 2014
6/30/2015	Visit farms to ensure farm operators are aware of their regulatory requirements under Pennsylvania’s Erosion Control regulations and the Manure Management Manual. (WIP Page 100) NOTE: These are not inspections and are not indicated as such in the	4000 on-farm visits/year	DEP / CD	Conservation district staff have visited over 11,000 farms and provided education/outreach materials on the existing Pennsylvania’s existing regulatory programs. These district staff also will continue to engage the farm community in the technical assistance necessary for

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	WIP.			education/implementation of BMPs. Without this technical assistance, the BMPs necessary to achieve water quality improvements will not occur.
12/31/2015	Conservation District Nutrient Management Techs inform about 3,800 farm operations about regulatory requirements and address the manure management planning requirements	100 per staff position per year (38 staff positions). Reported in CBRAP Grant.	DEP / CD	Will provide CBRAP reports to support this milestone.
12/31/2015	DEP CBRAP Compliance Staff perform 450 compliance inspections, 100 compliance actions	Per year: 450 inspections; 100 compliance actions. Reported via CBRAP Grant.	DEP	DEP CBRAP staff has currently engaged in over 950 inspections, over 400 compliance actions and over \$120,000 in fines collected for agriculture violations. The 413 compliance activities are 140% more than the “target outcomes” for this grant.
12/31/2015	Unreported BMPs: <ul style="list-style-type: none"> • Develop BMP Reporting mechanisms consistent with the Chesapeake Bay Program BMP reporting/verification protocol. • Continue successful and cost-effective conservation tillage BMP collection 	Reporting of non-cost shared BMPs BMP verification program Commodity cover crop tracking system CTIC Tillage Survey	DEP / CD	

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	<p>mechanism.</p> <ul style="list-style-type: none"> • Develop a system to track commodity cover crops. 			
12/31/2015	Work with PennVEST and others to advance implementation of manure technologies and to quantify their nutrient reduction benefits.	Opportunities to advance manure technologies	DEP	
12/31/2015	<p>Continue to focus grant funding to BMPs that provide cost-effective solutions for the reduction of nutrient and sediment loads to the Bay. These include no-till/conservation tillage, cover crops, and conservation and nutrient management planning activities.</p> <p>In addition, continue to support grant funding for BMP tracking efforts that increase BMPs reported to the Chesapeake Bay model; Riparian corridor protection/restoration improvements, including streamside practices, streamside animal fencing, and riparian buffers; and barn yard practices and</p>	<p>Fund Installation of BMPs via CBIG grant. Annual addition of:</p> <p>4000 acres No-Till 4000 acres Cover Crops 100 conservation plans 100 nutrient/manure plans 10 Barnyards 5 miles Stream Bank Fencing</p>	DEP	This milestone supports the CBIG grant special projects. DEP plans to increase the amount of funds available for BMPs by switching staff funds to CBRAP grant and utilizing the CBIG to fund additional BMPs.

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	manure storages that provide reductions of nutrient and sediment loads to the Bay. . (Phase 1 WIP, pg. 82)			
12/31/2015	Targeted Watershed Compliance (Phase 1 WIP, pg. 102)	Six watershed assessments in Pennsylvania. (Three will be in the Bay watershed.)	DEP	State-wide implementation of a focused watershed initiative began in November 2013. Based on the Soft Run watershed pilot project, each of DEP’s six regional offices will complete at least one watershed by December 2015.
12/31/2015	Conservation District Agricultural Complaint Response Policy Report (Phase 1 WIP, pg. 99)	Documentation of implementation of the Complaint Response Policy	DEP	Per CBRAP grant, a report to document the implementation of the September 2012 SCC Model Complaint Response Policy will be prepared and submitted to EPA on July 28, 2014.
Point Sources: Number of Bay Facilities Who Must Comply with Nutrient Cap Loads Beginning During the Period January 1, 2014 to December 31, 2015				
• Significant Sewage and Industrial Facilities (212 facilities)				
12/31/2015	Permitting and Compliance with nutrient cap loads for all the Significant Sewage facilities (Section 7 of the WIP): <ul style="list-style-type: none"> • 174 prior to January 1, 2014 • Nine (9) additional facilities starting 10/1/2014. • Two (2) additional facilities 		DEP	There is only one Phase 3 sewage facility that does not yet have cap loads in their final permits. A draft permit with the cap loads has been issued. PA plans on issuing all the permits with cap loads prior to January 2017.

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	starting 10/1/2015.			
12/31/2015	Permitting and Compliance with the nutrient cap loads for all the Significant Industrial facilities (Section 7 of the WIP): <ul style="list-style-type: none"> • Ten (10) prior to January 1, 2014 • Three (3) additional facilities starting 10/1/2014. • Two (2) additional facilities starting 10/1/2015. 		DEP	At this time, 16 of the 23 facilities have cap loads established in draft or final NPDES permits. Out of the seven remaining significant industrial facilities, two of the facilities were issued the draft permits. PA plans on issuing all the permits with cap loads prior to 2017.
Stormwater/MS4-PAG 13 (PA General Permit 13)				
12/31/2015	Conduct a series of five to ten MS4 workshops and/or webinars across the state to educate the regulated community on the implementation of the permit, including TMDL Plans and Chesapeake Bay Pollutant Reduction Plans.		DEP	
12/31/2015	Begin implementation of its MS4 Inspection SOP by conducting office inspections and where necessary field inspections to verify implementation of BMPs, with the objective of inspecting all permitted		DEP	

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	MS4s within the Chesapeake Bay Watershed within 5 years.			
12/31/2015	Update guidance materials for TMDL/Bay PRPs and develop model plans		DEP	
12/31/2015	Submit to EPA for review up to 20 Chesapeake Bay Pollutant Reduction Plans.		DEP	
Stormwater/Chapter 102				
08/29/2014	Extract data from DEP construction stormwater BMP database needed to assist in transition to reporting performance standards instead of individual BMPs; send data to Chesapeake Bay Program for review	Data Extraction and Transmittal	DEP	DEP will work with CBP throughout the milestone period on steps needed to complete the transition to reporting based on performance standards
12/31/15	Homeowners informational booklet for BMP O&M	3,000 booklets	DEP/ Contractor	The Department has template/example documents that they will be modifying to create the booklet; outreach and distribution of the booklet will be coordinated through collaborating entities
12/31/14 thru 12/31/15	Stormwater Construction NPDES permit termination inspections	200 annually	DEP/ CDs	Staff are working on forms and reporting mechanisms for collecting permit termination inspection data

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12/30/14	Complete a needs assessment for the development of a program tracking and data management system	Needs assessment	DEP	The Department has had a tracking system that tracks stormwater BMPs implemented through its construction stormwater program since the mid-2000s; this system has been periodically updated since 2011 with both historical (previously implemented and not reported) data and current data (those BMPs that are being implemented on a yearly/current basis); these data include BMPs implemented in MS4 areas as well through both new development and redevelopment
Trading & Offsets				
1/1/2014 through 12/31/2015	By compliance year, identify the pollutant reduction activities that generated certified, verified and registered credits and the number credits associated with each activity that are consistent with the expectations of the TMDL. (WIP Page 49)		DEP	

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1/1/2014 through 12/31/2015	Work with Pennvest to implement the Nutrient Credit Clearinghouse Auction to facilitate the verification and registration of credits that meet the expectations of the TMDL.		DEP	
1/1/2014 through 12/31/2018	Finalize and implement a strategy to ensure Pennsylvania's Nutrient Trading program meets the expectations of the TMDL.		DEP	
12/31/2014	Development of a Stormwater Management Offsetting Program	Stormwater Offsetting Technical Guidance Document	DEP	
Tracking and Reporting				
6/30/2014	Acquire contractor help, with assistance of CBRAP funds. Initiate analysis of deficiencies in Pennsylvania's data reported to the Watershed Model	Finalization of documentation needed to acquire contractor assistance	DEP	EPA assistance will be needed with contracting
9/30/2014	Receive contractor summary of reporting deficiencies. Initiate development of plan to address deficiencies.	Summary report	DEP	
9/30/2014	Conduct final meetings with key federal and state agency staff (both	Plan for moving forward to upgrade BMP	DEP	

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	internal and external) to develop a plan to move forward on upgrading the Commonwealth's Tracking and Reporting System	Tracking and Reporting System		
12/30/2014	Complete analysis of guidance and other deliverables resulting from the CBP BMP Verification Committee, to include addressing historical BMPs	Assurance that a plan is in place to ensure that an upgraded Tracking and Reporting System is consistent with BMP Verification Principles	DEP	
03/31/2015	Finalize details for upgraded BMP Tracking and Reporting System	Initiation of any procurement processes that may be required for an upgraded system	DEP	
06/30/2015	Conduct mid-year review of progress related to BMP Tracking and Reporting, to include progress on review and correction of historical BMP data	Adjustments to plans and implementation activities, as needed	DEP	
12/31/2015	Finalize steps needed to implement upgraded tracking and reporting system	Upgraded system that will help improve the reporting and tracking of BMPs	DEP	
* 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 I WIPs so long as the jurisdiction can demonstrate that they will be as effective toward meeting water quality goals.				