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Agriculture				
Target Date	**Milestone (WIP page reference)***	**Deliverable**	**Lead Agency**	**Comments/Status Updates**
Ongoing	Implement Agricultural Compliance and Enforcement Strategy.	Inspection & Compliance Effort. DEP, in coordination with County Conservation Districts (CDs), will use a targeted approach (using DEP regional office Waterways and Wetlands staff). 50 inspections will be performed per CD Bay Technician; 100 inspections will be performed per DEP Regional Office Water Quality Specialist.	DEP and County Conservation Districts (CDs)	
December 2019	Update Agricultural Erosion and Sedimentation Technical Guidance document.	Revised existing Agriculture Erosion and Sediment Control Technical Guidance from 1975.		

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Forestry				
Target Date	**Milestone (WIP page reference)***	**Deliverable**	**Lead Agency**	**Comments/Status Updates**
2018 – 2019 (Ongoing)	Buffer and Forestry Outreach	Annually award Community Conservation Partnership Program, TreeVitalize, and PennVest grants to partners for buffer installation.	DCNR	
		Implement DCNR's NFWF grant, StreamReLeaf, which will result not only in buffers on the ground, but a communication strategy to inform additional targeted outreach and an improved tracking system for riparian forest buffers.		
		Advance outreach and communications through hosting an annual summit, publishing a bi-monthly newsletter, developing additional outreach materials, and participating in events.		
		Develop and implement the Phase 3 WIP for forest buffers, tree canopy, and land conservation.		
		Continue to convene the Riparian Forest Buffer Advisory Committee.		

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Point Sources: Number of Bay Facilities Who Must Comply with Nutrient Cap Loads • **Significant Sewage and Industrial Facilities**				
Target Date	**Milestone (WIP page reference)***	**Deliverable**	**Lead Agency**	**Comments/Status Updates**
This sector has exceeded its WIP milestone goals.	Issue and re-issue NPDES permits to include Annual Net Mass Load limitations ("cap loads") for all significant sewage and industrial waste dischargers and new dischargers where available capacity does not exist to implement the Chesapeake Bay TMDL.	NPDES permits with cap loads.	DEP	
Municipal Stormwater (MS4s)				
Target Date	**Milestone (WIP page reference)***	**Deliverable**	**Lead Agency**	**Comments/Status Updates**
July 2018	Launch MS4 electronic annual reporting system to collect BMPs and MS4 activities electronically.	New MS4 annual reporting system.	DEP	
December 2018	Complete initial reviews of Chesapeake Bay Pollutant Reduction Plans that were submitted in September 2017.		DEP	
December 2019	Develop a concept paper for changes that will be pursued for the next round of MS4 general and individual permits starting in 2023, consistent with DEP's Phase III WIP.	Concept paper	DEP	

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Construction Stormwater (Chapter 102)				
Target Date	**Milestone (WIP page reference)***	**Deliverable**	**Lead Agency**	**Comments/Status Updates**
June 2019	Complete a draft PAG-02 General Permit package that is generally consistent with EPA's CGP and achieves objectives agreed upon by DEP and EPA.	Draft PAG-02 General Permit package	DEP	
December 2019	Publish a draft of the PA Stormwater BMP Manual in the Pennsylvania Bulletin.	Draft Stormwater BMP Manual	DEP	
Trading				
Target Date	**Milestone (WIP page reference)***	**Deliverable**	**Lead Agency**	**Comments/Status Updates**
December 2018	By compliance year, identify the pollutant reduction activities that generated certified, verified and registered credits and the number of credits associated with each activity that are consistent with the expectations of the TMDL.		DEP	
December 2018	Develop a credit calculation tool(s) for the generation of nonpoint source credits that is consistent with the Chesapeake Bay TMDL and the revised definitions for point source and nonpoint source baseline.		DEP EPA	

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Tracking and Reporting				
Target Date	**Milestone (WIP page reference) ***	**Deliverable**	**Lead Agency**	**Comments/Status Updates**
Ongoing	Continue to enhance and build the capability of the BMP Warehouse through ongoing enhancement of the Worldview and Practicekeeper software.	A group of software applications that have a common theme, BMP data, that will serve as a repository for BMP information that must be reported to the Chesapeake Bay program, in addition to providing management tools for other activities.	DEP	
December 2019	Improve/revise DEP program guidance and data management systems to track and verify increased compliance and inspection program, to include DEP Agricultural Compliance, Enforcement, and Inspection Standard Operating Procedures (SOP) for Non-CAFO farms, Bay Ag Inspection SOP, and associated inspection reports.	Enhanced modules of Practicekeeper and Worldview for use to track and verify program implementation	DEP	
May 2018	Develop a strategy for enhancements to Pennsylvania's BMP Verificaton Program Plan to include lessons learned from the Penn State Survey, the NRCS Remote Sensing Pilot Project completed in the Potomac Basin, the ongoing CTIC surveys and other appropriate efforts.	Strategy for the enhancement of Pennsylvania's existing BMP Verification Program.	DEP	

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Target Date	Milestone (WIP page reference)*	Deliverable	Lead Agency	Comments/Status Updates
May 2018	Revise Chesapeake Bay Regulatory Accountability Program grant workplan and budgets in accordance with the strategy to fund future BMP verification efforts.	FY19 grant workplan	DEP	
July 2018	Revise Pennsylvania's BMP Verification Program Plan in accordance with the strategy, if needed.	Revised, if necessary, Pennsylvania BMP Verification Program Plan	DEP/EPA	
August 2018	Begin implementation of the revised Pennsylvania BMP Verification Program Plan, once approved by EPA.		All identified parties in the Program Plan	
Federal Facilities				
Target Date	**Milestone (WIP page reference)***	**Deliverable**	**Lead Agency**	**Comments/Status Updates**
November 2017	Enter Federal Facility BMP data into NEIEN for 2018 Progress Run	BMP Implementation and Reporting	CBP	
November 2018	Enter Federal Facility BMP data into NEIEN for 2019 Progress Run	BMP Implementation and Reporting	CBP	
Other/Category				
Target Date	**Milestone (WIP page reference) ***	**Deliverable**	**Lead Agency**	**Comments/Status Updates**
December 2019	Continue Legacy Sediment and Aquatic Ecosystem Restoration (LSAER) Implementation and Tracking	BMP Implementation and Reporting of approximately two projects per year.	DEP	Work to establish LSAER BMP as a stand-alone practice by working through the Bay workgroup and expert panel protocols.

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WIP Planning and Implementation					
Target Date	**Milestone (WIP page reference)***	**Deliverable**	**Lead Agency**	**Comments/Status Updates**	
February, 2018	Definition of the expected reductions from (1) existing programs and policies, (2) any enhancements to these programs and policies or any new innovations or initiatives and (3) a list of the priority, most effective practices to be utilized by sector.	County-specific summary of this analysis to include defined planning goal, progress made so far and remaining level of effort.	Technical Support Group, Steering Committee and Workgroups, DEP		
February, 2018	A clear description of the water quality trends and water quality impairment in the watershed.	Watershed Story-line.	DEP, SRBC		
March/April, 2018	The development of a county based story that combines the results of the above two milestones for use in (1) the identification of any gap in implementation and resources, (2) the development of county-based local planning goals, and (3) messaging as part of the Local Engagement Strategy.	County specific "packets" or summaries.	Technical Support Group, DEP Graphics and Communications Office, Bay Office		
April/May, 2018	Review of the draft Planning Targets as a result of the milestones above to determine if Pennsylvania should ask for any adjustments or revisions to the planning targets or apply for a special case.	Pennsylvania position on the Draft Planning Targets.	DEP with input from the Steering Committee and Workgroups.		

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Target Date	Milestone (WIP page reference)*	Deliverable	Lead Agency	Comments/Status Updates	
Summer, 2018	Further review of the 12 Watershed Agreement Outcomes that have been identified as having the most potential for co-benefit impacts when combined with the Phase 3 WIP.	Incorporation of Watershed Agreement outcomes into action plans and text of Phase 3 WIP as appropriate.	Workgroups, DEP and EPA CBPO		
February through August 2018	Development and implementation of the Local Engagement Strategy.	Public and local leader engagement and input.	DEP, Steering Committee, Workgroups		
March through August 2018	Development and implementation of a process for the development of county-based Local Planning Goals. The process will be piloted in at least two counties defined in the Tier 1 (highest loading) area for incorporation in the Phase 3 WIP. One county will be in the Susquehanna and one county will be in the Potomac. Process will then be modified and incorporated into the Phase 3 WIP to include a timeline for implementation in future 2-year milestones to finalize plans for the Local Planning Goals in the remaining counties where additional reductions are needed.	Local Planning Goals plan development process and final plans for at least two counties.	Local Area Planning Workgroup, other workgroup Co-chairs, DEP CBPO, Technical Support Group		
March through September, 2018	Draft the Phase 3 WIP.		DEP		

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Target Date	Milestone (WIP page reference)*	Deliverable	Lead Agency	Comments/Status Updates	
October, 2018	30 Day Public Comment Period.	Written comments.	Stakeholders, public		
November-December, 2018	Develop a Comment Response Document to the comments received during the 30-day public comment period held when the draft Phase 3 WIP is released.	Comment/Response Document.	DEP, Workgroup Co-Chairs, Steering Committee		
February, 2019	Submit final draft Phase 3 WIP to the Bay Program Partnership for review and comment.	Draft Phase 3 WIP.	DEP, with recommendations from the Steering Committee		
May, 2019	Respond to comments received from the Bay Program Partnership.	Revised Draft Phase 3 WIP.	DEP with recommendations from Workgroups, Steering Committee		
June, 2019	Finalize and post the approved Phase 3 WIP on the DEP Website. Begin implementation.	Final Phase 3 WIP.	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.