

March 30, 2012

January 1, 2012 – December 31, 2013 Pennsylvania Programmatic Two-Year Milestones

Target Date	Milestone (WIP page reference)*	Deliverable	Lead Agency	Comments/Status Updates
(Sector/Category) Agriculture				
March 2013	Complete revisions to PAG-12 CAFO General Permit	Revised Permit	DEP	On-going
Oct 2013	Complete DEP / EPA CAFO program review to ensure consistency with EPA regulatory requirements. (WIP Page 97)		DEP	On-going DEP: Will work with EPA on schedule to address program revisions. These revisions include revised General Permit, Reporting Forms and other program modifications.
July 2012	Develop “Model Ag Compliance Policy” for use by conservation districts. (WIP Page 99)	Written Document	DEP	On-going DEP: Continue to work with conservation districts, State Conservation Commission and others to develop Model policy for conservation districts. Comment period for the draft ends April 1, 2012. Discussion of Model Policy is scheduled for July 2012 State Conservation Commission meeting.
Dec 2013	Manure Management Manual Outreach (WIP Page 97)	20 Training Sessions for staff and Regulated Community	DEP	On-going Six regional trainings were held throughout Pennsylvania on the DEP Manure Management Manual. About 280 staff attended the training sessions. Dr. Doug Beegle and Jerry Martin from Penn State Extension prepared the bulk of the presentation in a “train-the-trainer”

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				<p>format that allowed participants to both learn the manual AND prepare to deliver this information to farm operators and others in their local jurisdictions.</p> <p>Utilizing CBRAP and PA Clean Water Funds, conservation districts were eligible for a mini-grant of up to \$1,000 to utilize the training provided to conduct their own training/workshops for farmers, consultants, and others to improve awareness of the revised Manure Management Manual and to assist farmers in completing manure management plans. 31 conservation districts have entered into agreements to hold these sessions and 41 full day and 58 half-day sessions are planned May 2012.</p>
July 2012	Revise delegation agreement with county conservation districts to implement manure management requirements. (WIP Page 98)	Written Delegation Agreement	DEP / SCC	SCC: State Conservation Commission On-going efforts to develop this revised delegation, including funds from CBRAP to expand conservation district involvement in manure management requirements.
July 2012	Visit farms to ensure farm operators are aware of their regulatory requirements	4000 on-farm visits	DEP / CD	On-going CD: Conservation Districts have

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	<p>under Pennsylvania’s Erosion Control regulations and the Manure Management Manual. (WIP Page 100)</p> <p>NOTE: These are not inspections and are not indicated as such in the WIP.</p>			<p>engaged in over 1,110 site visits by December 2011. All 4,000 are expected by July 2012. Additional site visits are expected in 2012-13, but number not yet determined as these will be part of the 2012-13 Chesapeake Bay technician contracts, which are not completed.</p>
Dec. 2013	<p>Conservation District Nutrient Management Techs inform about 3,800 farm operations about regulatory requirements and address the manure management planning requirements</p>	<p>100 inspections per staff position per year (38 staff positions).</p> <p>Reported in CBRAP Grant.</p>		<p>WIP Commitment: Over next five years, Conservation District Nutrient Management Techs inform 19,000 farm operations about regulatory requirements and address the manure management planning requirements (WIP Page 101)</p> <p>As noted in the Phase 1 WIP, this activity will only occur if additional funds are provided through CBRAP. These CBRAP funds were awarded in December 2011. As noted in the Phase 1 WIP, this activity will be initiated in July 2012, through delegation agreements with conservation districts.</p>
Dec 2013	<p>DEP CBRAP Compliance Staff perform 450 compliance inspections, 100 compliance actions</p>	<p>Per year: 450 inspections; 100 compliance</p>		<p>WIP Commitment: Over next five years, DEP CBRAP Compliance Staff perform 2,250 compliance inspections, 500 compliance actions (WIP Page 101)</p>

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		actions. Reported via CBRAP Grant.		There were 57 ag inspections and 31 compliance actions under CBRAP for the reporting period of January 1, 2011 through June 30, 2011. The next report is required to be submitted to EPA by April 15, 2012 for the July 1, 2011 thru December 31, 2011 time period. This is the schedule included in our CBRAP and CBIG grants. CBRAP grant report will include an additional 151 ag inspections, 4 stormwater inspections and 73 compliance actions for July 2011-December 2011. Total from January 2011 through December 2011 is 208 ag inspections, 4 stormwater inspections and 104 compliance actions.
Dec. 2013	DEP CB Field Representatives perform 600 compliance inspections	100 inspections per staff position per year	DEP	WIP Commitment: Over next five years, DEP CB Field Representatives perform 100 compliance inspections per year, beginning in 2012 (WIP Page 102) DEP currently employs four CDFRs in three regions. Staff will begin inspection July 2012.
Jan 2012 to	Work with Chesapeake Bay Commission, PennVEST and others to advance	Opportunities to advance	DEP	On-going

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Dec 2013	implementation of manure technologies and to quantify their nutrient reduction benefits.	manure technologies		
Dec. 2013	Unreported BMPs: <ul style="list-style-type: none"> • Complete review of the NRCS/NACD report. • Draft BMP Reporting Protocols for a few key BMPs and coordinate with other agencies. 	BMP Reporting Protocols	DEP	National Association of Conservation Districts (NACD) has announced the completion of their Protocol Project and placed the Final Report and Appendices A-V on the Howard Soil Conservation District (Maryland) website www.howardscd.org under “NACD Protocol Project.” From Pennsylvania’s perspective, this effort was unsuccessful and did not result in a useful product. This project was funded by the USDA Natural Resources Conservation Service to “... determine if there was a common protocol possible to collect information on voluntary practices and to assist states to develop state protocols to collect the additional non-cost shared practices that have been implemented in the six Bay states...”, as well as “...establish a reliable system to collect, verify and report implementation of agricultural conservation practices.” The project results show that there is no common protocol and each state, including Pennsylvania, will be approaching the

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				<p>collection and reporting of voluntary practices as dictated by individual state resources and statutory authority. The current direction – complete reliance on on-farm assessments – is financially irresponsible for Pennsylvania, given the 40,000 farms in the Bay watershed.</p> <p>Pennsylvania is engaged in discussions with EPA and the Capital Resource Conservation and Development Area Council (Capital RC&D) for a cropland tillage transect survey for the Pennsylvania bay counties. This survey will use CTIC protocols and data collection standards with the goal of collecting data that can be authenticated and provide a statistically valid statement of tillage BMPs in the survey area. The data collection will be organized so that county route maps and way-points will allow replication of the survey in future years. The survey will be implemented in late spring of 2012 within a five to eight week timeframe between planting and canopy closure of field crops.</p>

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(Sector/Category) Stormwater/MS4-PAG 13 (PA General Permit 13)				
	Approved PAG-13 o includes Chesapeake Bay Pollutant Reduction Plan (CBPRP)	General Permit for MS4s	DEP	Completed 09/17/2011
	PA Bulletin Extension Notice		DEP	Completed 9/17/11
	PA Bulletin Notice of PAG-13 availability		DEP	Completed 9/17/11
	Final renewal of PAG-13 made publicly available on DEP's website		DEP	Completed 9/19/11
	Distribute PAG-13 Renewal Packets to permittees		DEP	As requested, and at the roll-out Municipal Workshops.
1/2012 thru 3/2012	Conduct Municipal Workshops		DEP	16 workshops are scheduled, January 5 through March 7, 2012.
4/30/13	Develop CBPRP Guidance including development of a template with EPA assistance.		DEP	Under development
4/30/13	Provide CBPRP Guidance Training	Training	DEP	Under development
4/30/12	Develop MS4 Permit Guidance Document		DEP	Under development
4/30/12	Develop MS4 TMDL Plan Guidance		DEP	Under development
6/30/12	40 CFR 123.35(b) Policy on designation of Small MS4s		DEP	Under development
9/1/12	MS4 Compliance Monitoring Strategy with assessment of resources.	Strategy	DEP	Update is under development
8/30/12	Update Annual Report		DEP	Under development
9/14/12	MS4 Notice of Intent (NOI) due date		DEP	270 NOI's due by September 14, 2012
3/15/13	Existing MS4 general permit coverage		DEP	March 15, 2013.

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	extension expires			
3/16/13	Term of Renewal of PAG-13 begins		DEP	Target date for providing authorization.
(Sector/Category) Stormwater/Chapter 102 Revisions				
2012 - 2013	Training and outreach-increased technical assistance for professional stormwater staff, elected officials and the regulated community to assist in identifying opportunities for innovative approaches to new development, or redevelopment retrofit opportunities to address existing stormwater problems		DEP	Ongoing
12/7/12	Revise PAG-2 NPDES Construction Permit	Final Permit	DEP/EPA	Ongoing
12/30/13	PAG-2 Training and outreach	2 Training Sessions	DEP/EPA	
12/30/13	Develop a tracking system for stormwater BMPs	Database information	DEP/EPA	
12/30/13	Utilize State Performance Standard after adoption by EPA-CBP		DEP/EPA/CB USWG	Ongoing
12/30/13	Provide training on the revisions to the Erosion and Sediment Control Manual (E&S Manual)	3 training sessions	DEP	

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(Sector/Category) Point Sources: Number of Bay Facilities Who Must Comply with Nutrient Cap Loads Beginning During the Period July 1, 2012 to June 30, 2014				
• Significant Sewage and Industrial Facilities				
10/1/2012	50 Sig. Sewage facilities are anticipated to begin compliance with their cap loads starting 10/1/2012.		DEP	
10/1/2012	1 Sig. Industrial facilities is anticipated to begin compliance with their cap loads starting 10/1/2012.		DEP	
10/1/2013	29 Sig. Sewage facilities will begin compliance with their cap loads starting 10/1/2013.		DEP	
10/1/2012 through 10/1/2013	51 Sewage and Industrial facilities are anticipated to begin compliance with cap loads starting 10/1/2012, and 29 Sewage and Industrial facilities are anticipated to begin compliance with cap loads starting 10/1/2013 (80 overall).		DEP	
1/1/2013 & 10/1/2016	Sewage Facilities: There is one Phase 2 sewage facility and fifteen Phase 3 sewage facilities that do not yet have cap loads in their permits. DEP will amend or reissue permits for all of		DEP	

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	these facilities on or before January 1, 2013, and cap loads will become effective no later than October 1, 2016.			
1/1/2013 & 10/1/2016	Industrial Facilities: At this time, 12 of the 22 facilities have cap loads established in draft or final NPDES permits. An additional 10 facilities will have permits issued with cap loads on or before January 1, 2013, and cap loads will become effective no later than October 1, 2016.		DEP	
Trading & Offsets				
1/1/2012 - 10/1/2013	Activities related to certification decisions regarding proposals received; verification of credits and registration of trades occur throughout the year (WIP Page 49)		DEP	
1/1/2012 - 10/1/2013	Working closely with PennVEST on recurring credit auctions (WIP Page 50)		DEP	
1/1/2012 - 10/1/2013	Implement plan of action to review results of EPA’s final Trading Program Review and comments received during the Draft Phase 2 WIP public comment period. Develop a path forward to ensure continued successful implementation of the program.		DEP	Plan of action is described in more detail in page 58 of the Phase 2 WIP.
12/30/13	Development of a Stormwater Management Offsetting Program	Stormwater Offsetting Policy	DEP	Ongoing. DEP workgroup established.

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* 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.				