EPA's Expectations for 2015 Milestone Commitments: Review of Past Expectations

Presentation to the Milestones Workgroup

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Who Is the Lead?

Deliverable	Proposed Lead
Midpoint Assessment Priorities	Water Quality Goal Implementation Team (WQGIT)
Midpoint Assessment Guiding Principles	Principles' Staff Committee, with input from WQGIT and Management Board
Midpoint Assessment Deliverables	CBP Partnership. Specific roles for Workgroups, Modeling Team, etc.
2-Year Milestones	Bay Jurisdictions, Federal Agencies
Phase III Watershed Implementation Plans	Bay Jurisdictions, with input from local partners
Evaluation & Oversight of WIPs and Milestones	U.S. Environmental Protection Agency
Any Possible Revisions to Bay TMDL	U.S. Environmental Protection Agency

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EPA's Oversight Role



Environmental Protection Agency

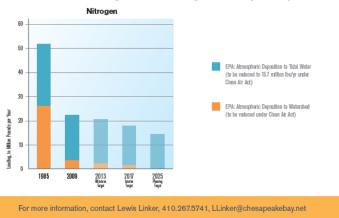
2012 -2013 Milestone Commitments to Reduce Atmospheric Deposition of Nitrogen

Chesapeake Bay Progra



Atmospheric deposition of nitrogen is a major source of nitrogen to the Chesapeake Bay watershed and the tidal Bay. About half of the nitrogen air deposition loads to the Chesapeake watershed originate from sources within the Bay watershed jurisdictions, with the remaining originating from sources beyond the watershed. EPA will significantly reduce nitrogen deposition to the Bay and watershed by 2020 by working with the states to implement national programs to remedy air pollution under the Clean Air Act that will reduce nitrogen emissions from electric utilities, other industrial point sources, and on- and off-road vehicles, including ships and other sources. EPA will be accountable for reductions of atmospheric deposition of nitrogen to tidal waters of the Chesapeake Bay in the Chesapeake Bay Total Maximum Daily Load (TMDL) allocation. By including air deposition in the Bay TMDL load allocations, jurisdictions will benefit from federally mandated emission reductions achieved by Bay jurisdictions as well as those achieved by other jurisdictions within and beyond the Chesapeake Bay airshed. Furthermore, jurisdictions may adopt their own regulations to reduce nitrogen emissions to go beyond national ambient air quality standards and take credit for nitrogen emission reductions that go beyond federal emission control measures. In addition to these regulatory efforts, EPA will continue to pursue enforcement actions, where appropriate, to reduce nitrogen loading to the Bay. EPA's 2012-2013 milestone commitments reduce nitrogen deposition to the tidal Bay waters by approximately 2.5 million pounds and nitrogen deposition to the watershed by an estimated 0.9 million pounds by the end of 2013 compared to the 2009 baseline.

EPA's Pollutant Reduction Progress and Future Targets for Atmospheric Deposition

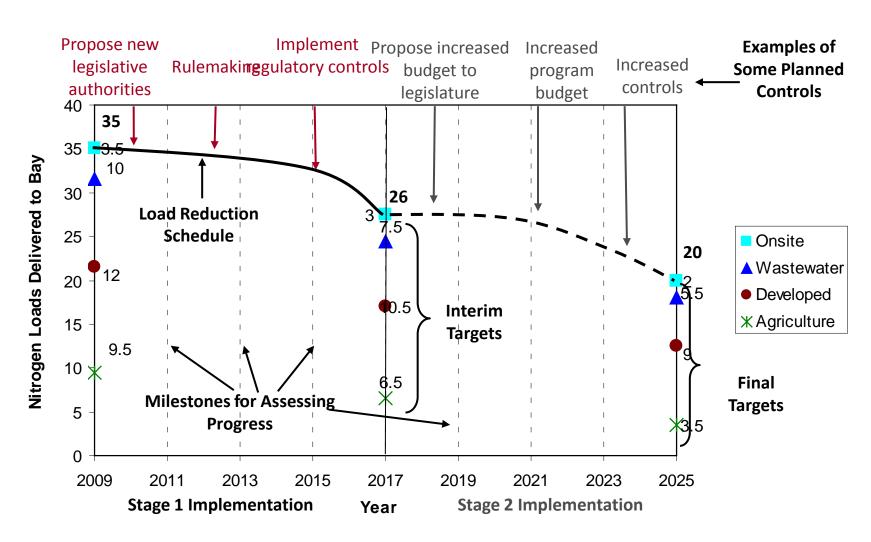


- Coordinate Federal Facilities Team to communicate clear expectations
- Senior level discussions, as needed, to review progress
- Annual evaluation of numeric and programmatic milestone commitments and progress
 - Odd years: Interim progress
 - Even years: Previous milestone results, future commitments
 - Share with public

Expectation for 2-Year Milestones

	Commitments	Results
Numeric	 Estimated load reductions that will result from BMP implementation Based on CBP model analysis Requires "input deck" submission 	 Load reductions that occurred as a result of BMP implementation Based on CBP model analysis Requires "input deck" submission
Programmatic	 Enhancements to water quality programs that will occur in next 2 years Could include new plans, policies, audits, permitcompliance activities or capacity-building actions 	 Report out on whether programmatic commitments occurred Include any changes to programmatic actions

Staged Implementation



Source: Presentation to PSC in October 2009

Proposed Schedule for Milestone and Progress Submissions

Deliverable	Federal Agencies	Jurisdiction
Progress Input Deck	October 1 (proposed; previously November 1 in Milestone Guide)	December 1 starting 2013 based on grant guidance (previously December 31)
Programmatic Progress	January 15 (proposed; previously March 31 in Milestone Guide)	January 15 (proposed; December 31 in grant guidance)
Draft Milestone Input Deck and Programmatic Commitments	December 1 (proposed; previously October 1 in Milestone Guide)	Mid-January (proposed; previously November 1 in Milestone Guide)*
Final Milestone Input Deck and Programmatic Commitments	January 7 (Milestone Guide)	Mid-March (proposed; previously January 7 in Milestone Guide)*

^{*} May due away with "draft" milestones, and just have "final" milestones with an opportunity to revise based on EPA comments and progress run results.