

Milestones and Midpoint Assessment

Presented at the
Maryland Chesapeake Bay WIP
Spring Regional Meeting

April 22, 2013



University of Maryland
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Bay Restoration Needs & Instruments

Needs

- Long-range Goal
- Long-range Plan
- Incremental Implementation
- Capacity Building

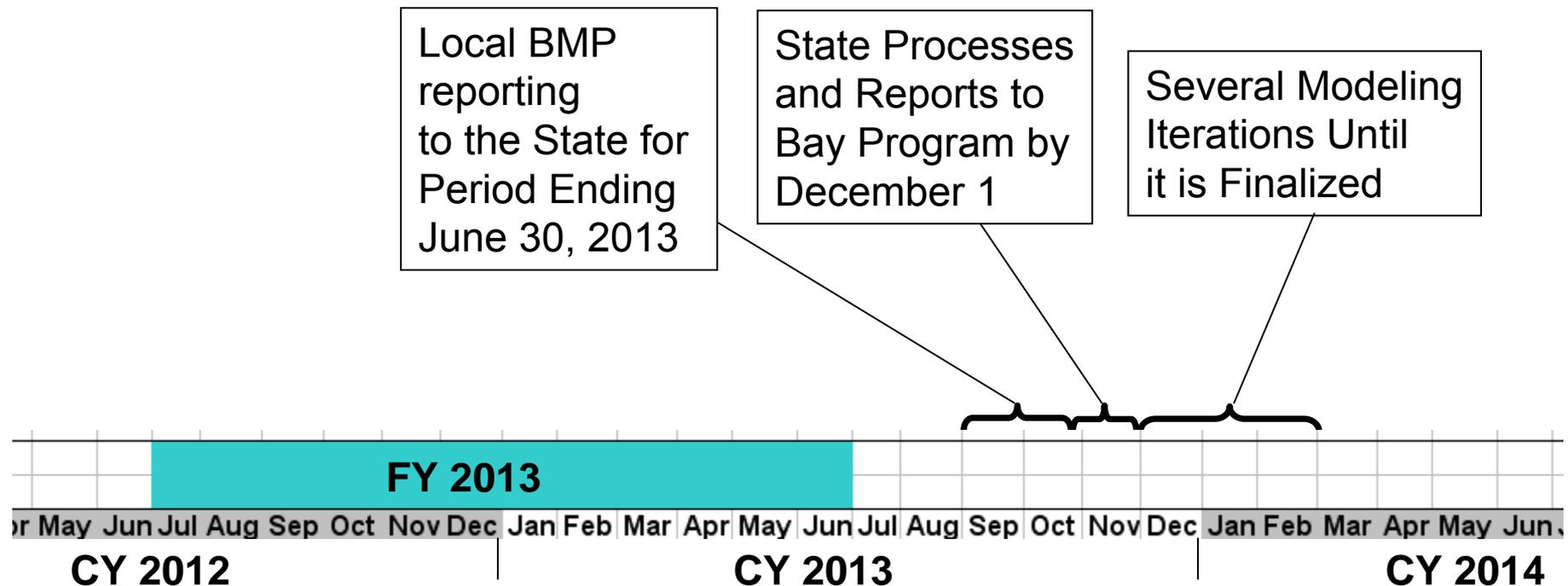
- Near-Term Plan
- Mid-range Goal
- Preparing for Refinement of Long-range Plan

Instruments

- Bay TMDL
- Phase II WIP
- 2013 BMP Milestones
- 2013 Programmatic Milestones
- 2015 Milestones
- 2017 Interim Target
- Midpoint Assessment

Background: Annual Progress Reporting

Annual Progress reporting predates the 2-yr Milestone process, which was initiated in 2008-09.



Contact for BMP Reporting: GSandi@mde.state.md.us

Local 2013 Milestone Status Reporting

2012 - 2013 Programmatic Milestone Reporting Guidance and Schedule

Reporting Programmatic Milestone Progress:

Status Report: By July 31, 2013, please provide a brief status report on the programmatic milestones outlined in the local Phase II WIP narrative strategy to Tom Thornton: TThornton@mde.state.md.us. The programmatic milestone period covers from January 1, 2011 through December 31, 2013.

Counties and municipalities may report jointly or separately. This information will be compiled with other local partner information and presented on the Maryland Department of Environment (MDE) webpage. <http://tinyurl.com/WIP-Imp>

Final Report: By January 30, 2014, please provide a brief report on the progress made toward achieving the programmatic milestones outlined in the local Phase II WIP narrative strategy to TThornton@mde.state.md.us

<http://tinyurl.com/MD-2013-Report-Guide>

Local 2013 Milestone Status Reporting (Con't)

Optional Reporting:

Additional Programmatic Progress: In addition to reporting on the programmatic milestone commitments documented in the local Phase II WIP narrative strategy, you may report other programmatic accomplishments from January 1, 2011 through December 31, 2013.

BMP Milestones: Implementation progress should be reported via existing channels for credit in annual progress evaluations using the Bay watershed model¹. However, you may include a summary of the implementation progress you have made. Note: The BMP milestone period covers the period of July 1, 2011 through June 30, 2013².

1. If you are unsure how to report a BMP, please contact Greg Sandi: GSandi@mde.state.md.us
2. The BMP Milestone period follows the fiscal year to provide time to assemble BMP data to be reported together with the programmatic milestone information at the end of the calendar year.

State 2013 Milestone Status Reports



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Chesapeake Bay TMDL

You are here: [EPA Home](#) » [Region 3](#) » [Mid-Atlantic Water Protection](#) » [Chesapeake Bay TMDL](#) » Ensuring Results

How Does It Work? Ensuring Results

Ensuring Results Watershed Implementation Plans Establish TMDL **Two - Year Milestones**
Monitor Progress Federal Steps Timeline Trading and Offsets

READ ABOUT THE TMDL'S TWO YEAR MILESTONES

- ON JANUARY 15, 2013, EPA RECEIVED THE TWO-YEAR MILESTONES PROGRESS UPDATES FOR THE PROGRAMMATIC MILESTONES** from Chesapeake Bay jurisdictions as part of the "pollution diet" or Bay TMDL. These progress updates are expected per the Two-Year Milestone Guide that was shared in July 2011. Chesapeake Bay jurisdictions will provide progress updates for programmatic milestones at the midpoint and the end of the milestone period. Read the jurisdiction's milestones progress updates: [Delaware](#) EXIT Disclaimer; [District of Columbia \(PDF\)](#) (5 pp, 149KB); [Maryland](#) EXIT Disclaimer; [Pennsylvania \(PDF\)](#) (15pp, 270KB); [Virginia](#) EXIT Disclaimer; [West Virginia](#) EXIT Disclaimer; [New York \(PDF\)](#) (7pp, 179KB)

Maryland's 2013 Programmatic Milestone Status Update (sample)

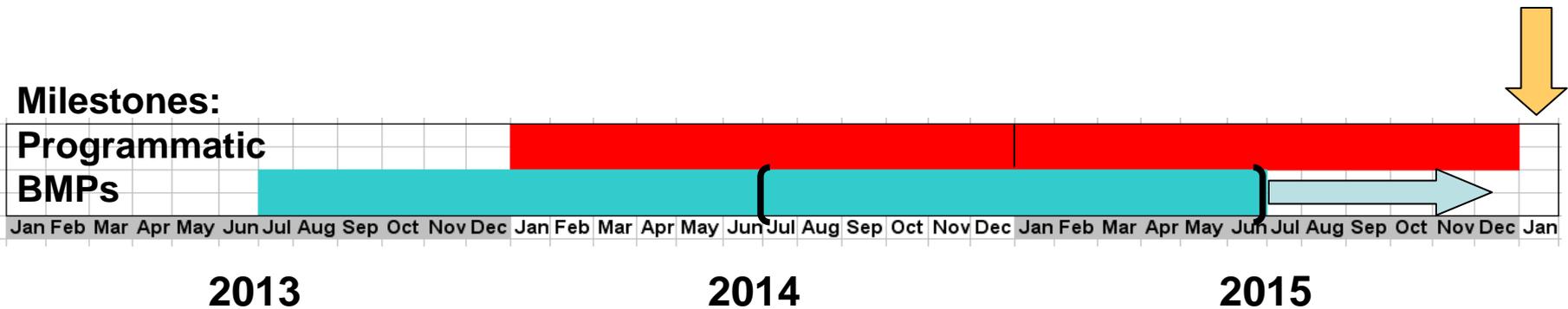
January 25, 2013

Maryland's 2013 Programmatic Two-Year Milestones

Target Date	Milestone	Deliverable	Lead Agency	Comments/Status Updates
(Point Sources/Major Municipal)				
January 2012	Funding for remaining ENR upgrades	Propose amendment to Bay Restoration Fund statute to change fee to generate the necessary revenue to complete the ENR strategy commitment.	MDE	<p>A recommendation to increase Maryland's existing Bay Restoration Fund (BRF) to ensure adequate funding for the remaining ENR upgrades has been voiced by the Governor's Task Force on Sustainable Growth and Wastewater Disposal (Task Force). Final recommendations of the Task Force were released in December 2011: http://www.mdp.state.md.us/PDF/YourPart/septicsTF/SepticsTF-FinalReport.pdf</p> <p>In 2012 the Maryland General Assembly approved legislation to double the BRF fee starting July 1, 2012. Increased fee and the Department issued bonds will provide adequate funding for the remaining ENR upgrades.</p>
(Point Sources/Minor Municipal)				
Early 2012	<ul style="list-style-type: none"> -Evaluate feasibility, cost effectiveness, permitting, and funding options. -Consult with local partners. -Identify additional facilities as a contingency. 	<ul style="list-style-type: none"> -Draft list of candidate plants. -Draft supplemental list of plants. 	MDE	<p>Maryland began working on this in late 2011 at which time a preliminary list of 10 candidate plants was identified. Funding options and feasibility was evaluated, in consultation with local partners and other stakeholders, through the Governor's Task Force on Sustainable Growth and Wastewater Disposal. The draft list of candidate plants was revised and included in Appendix A of the WIP submitted to EPA on March 30, 2012.</p>
Early 2013	Funding for Minor ENR upgrades	Propose amendment to Bay Restoration Fund (BRF)	MDE	<p>The legislative amendment was approved ahead of schedule in the 2012 General Assembly</p>

Maryland 2013 Programmatic Milestones: <http://tinyurl.com/MD-2013-Prog-MS> (PDF 12 pages)

2014-2015 Two-Year Milestone Development & Reporting Schedule

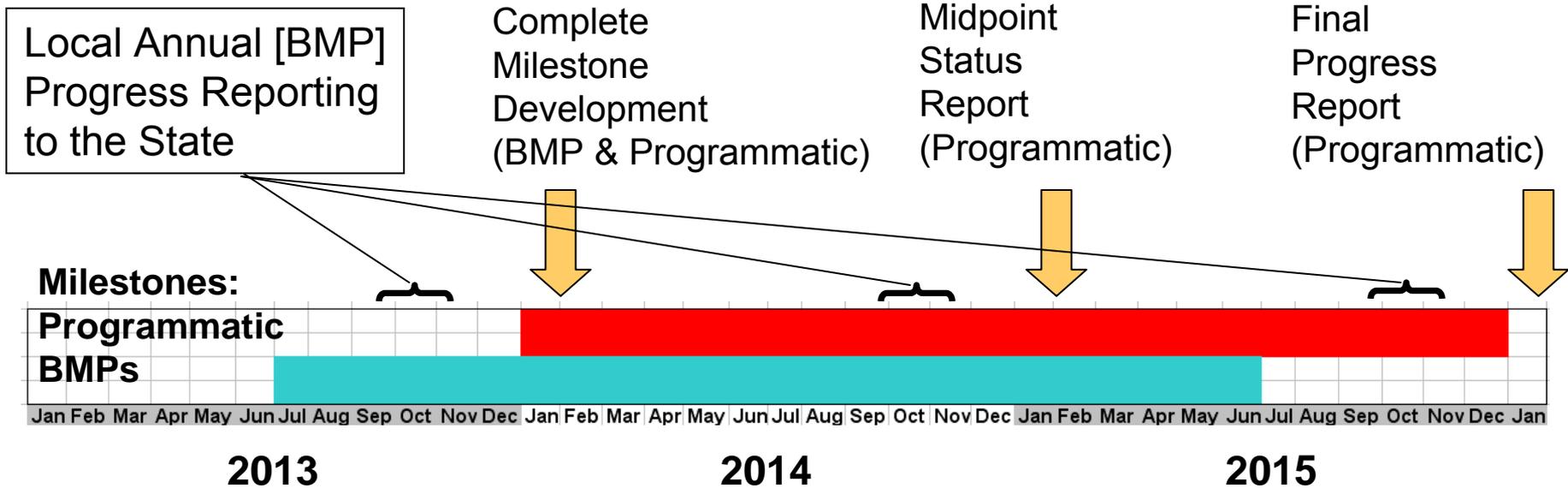


Programmatic Milestones: Jan 1, 2014 – Dec. 31, 2015 (Calendar Years)

BMP Milestones: July 1, 2013 – June 30, 2015 (Fiscal Years)

Both reported near the end of the calendar year.

2015 Milestone Development & Reporting Schedule (Con't)



2015 Milestone Development Process

- **Overview:**
 - BMP Milestones: July 1, 2013 – June 30, 2015
 - Programmatic Milestones: Jan 1, 2014 – Dec. 31, 2015
- **Programmatic Milestones:**
 - Build on the 2013 Milestones in the local WIP narrative strategies. <http://tinyurl.com/MD-Local-WIP>
- **BMP Milestones: (Discussed Separately)**
- **Schedule: Submit at End of Calendar Year 2013.**
(More details to be provided).

2015 BMP Milestones

- State & Local BMP Milestones Decoupled
 - State BMP Milestones \neq Sum of Local Milestones
- State Encourages Local BMP Milestones
- Insights from State 2015 BMP Milestone Development Process:
 - Evaluation via Bay Watershed Model not Trivial:
 - Load Reduction from BMPs (Management Actions)
 - Load Changes due to “Growth”

2015 BMP Milestones (Con't)

- Evaluation of Milestones via Bay Model:
 - Reduction from BMPs = Milestone Commitments
 - Milestones Set to Overcome Growth
- “Growth” = Bay Program Projections
 - Projections also used for Annual Progress:
 - Acres of developed land
 - Acres of land exposed during development
 - Number of new Septic Systems
 - Change in numbers of Farm Animals (& manure)
 - State does not currently have “actual” growth information
 - Midpoint Assessment = Opportunity to fix this

Midpoint Assessment

- Local WIP “discrepancies” used to influence Midpoint Assessment Priorities:
 - Land use (tho annual change a new issue)
 - Number of Septic Systems
 - Farm Animals & Manure
 - BMP Inventories
- Historical BMP Cleanup:
 - Complete by end of Calendar year 2014
 - Limited Time: Need to set priorities
 - Guidance is Pending
- More info via Local Technical Meeting Series

End

