

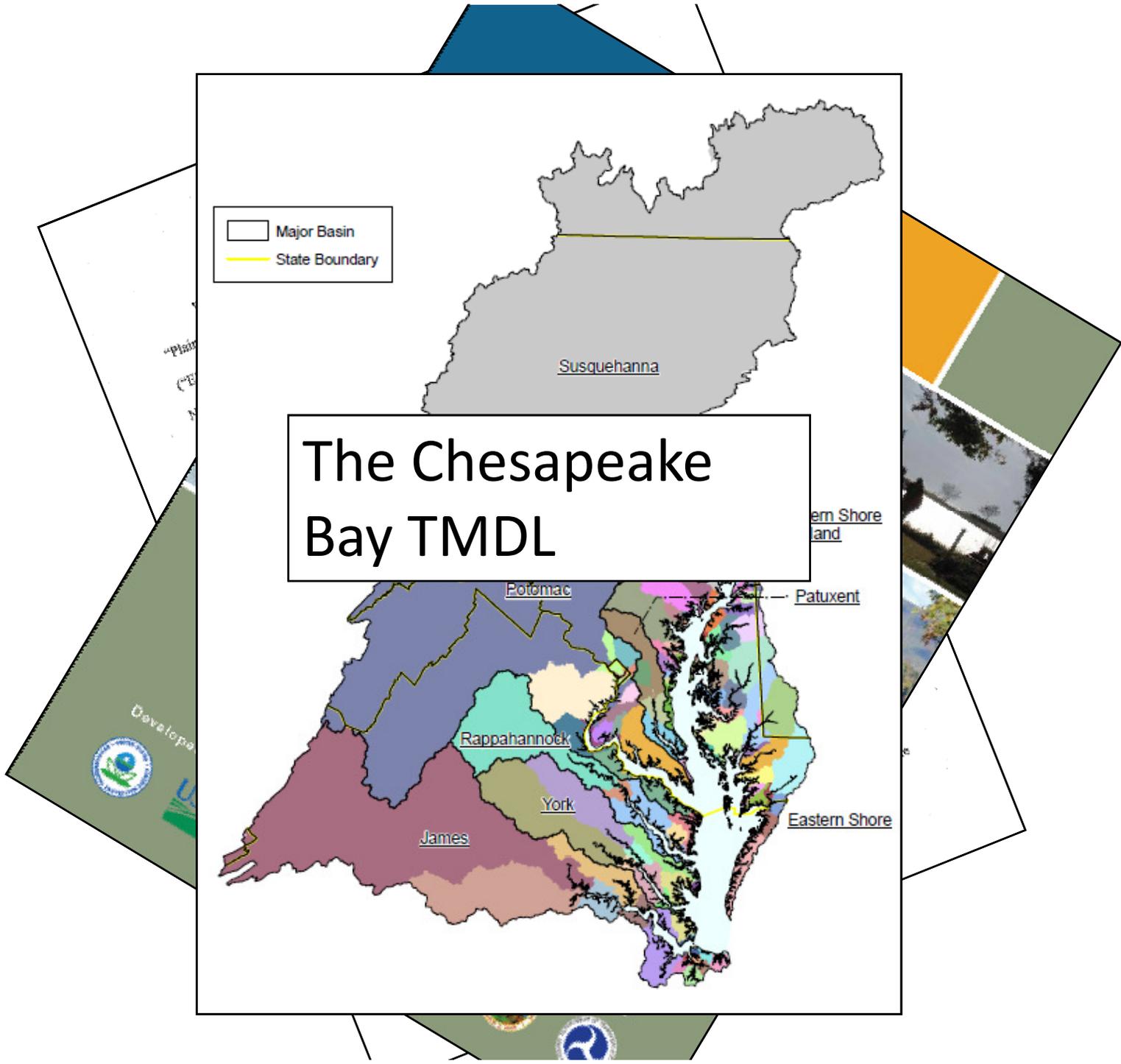
Assisting Jurisdictions and Federal Agencies With Phase II WIPs

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Federal Partners-DC Meeting April 26, 2011



Final Chesapeake Bay TMDL

- A rigorous and historic “pollution diet” to restore clean water to Bay and the region’s streams, creeks and rivers.
- Bay TMDL is the most comprehensive roadmap for restoration we have ever had for Chesapeake Bay. Addresses all sectors and major sources of nutrient and sediment pollution.

Why a Chesapeake Bay TMDL?



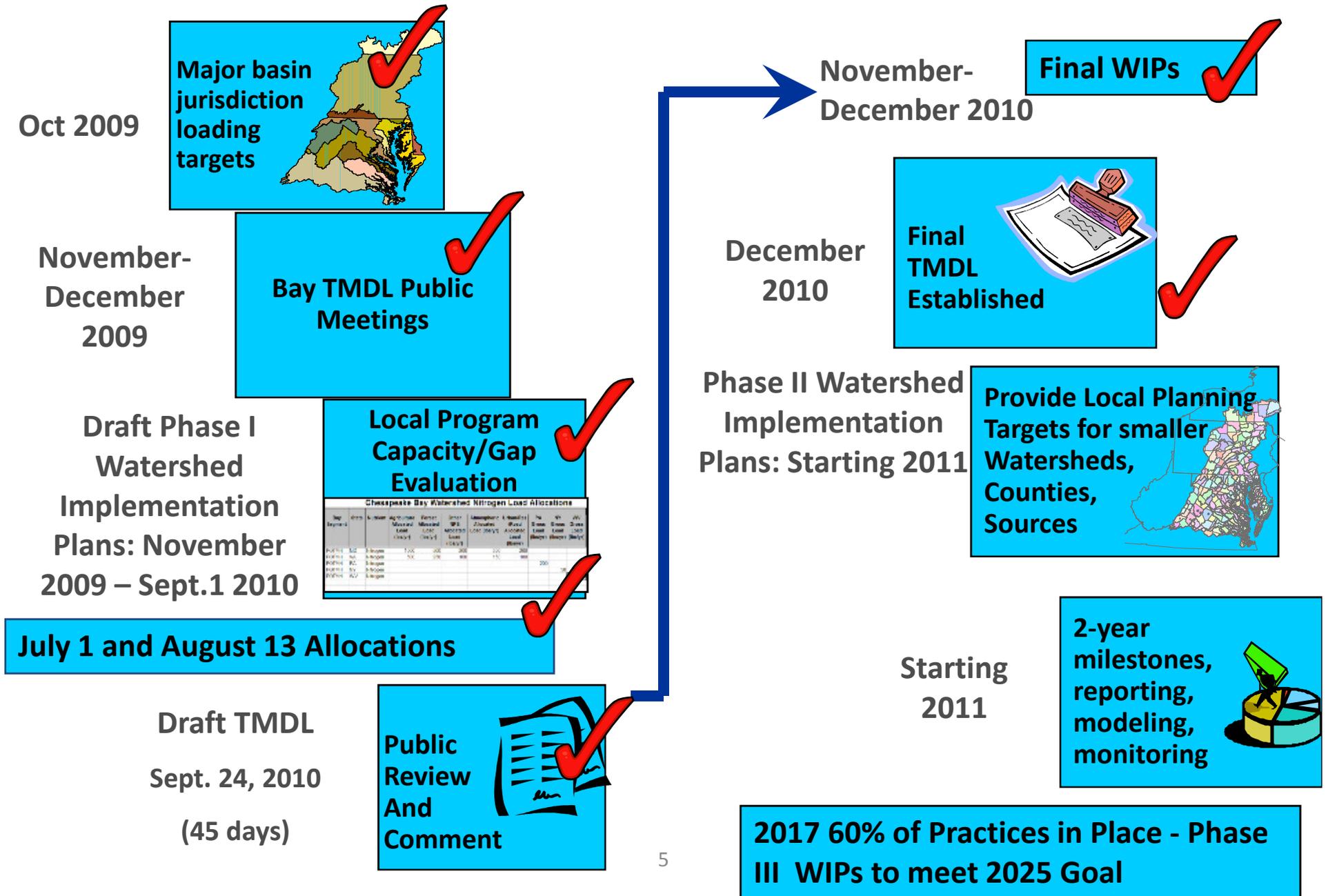
- » Clean water is our obligation to the watershed’s 17 million residents and countless communities.
- » Insufficient restoration progress through current voluntary and regulatory measures.
- » Required under the Clean Water Act and responds to court orders and legal settlements. Cornerstone of Executive Order Strategy.

Final Chesapeake Bay TMDL



- EPA worked extensively with the 6 States and the District of Columbia
 - Final TMDL is shaped by extensive input from public, stakeholder groups & jurisdictions throughout a two-year process
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- Designed with rigorous accountability measures to ensure that all pollution controls needed to restore Bay are in place by 2025, with 60 percent by 2017
 - Restoration activities will protect the economic value of the Bay and rivers, and be a driver for local economies

TMDL and WIP Development Schedule: 2009-2017

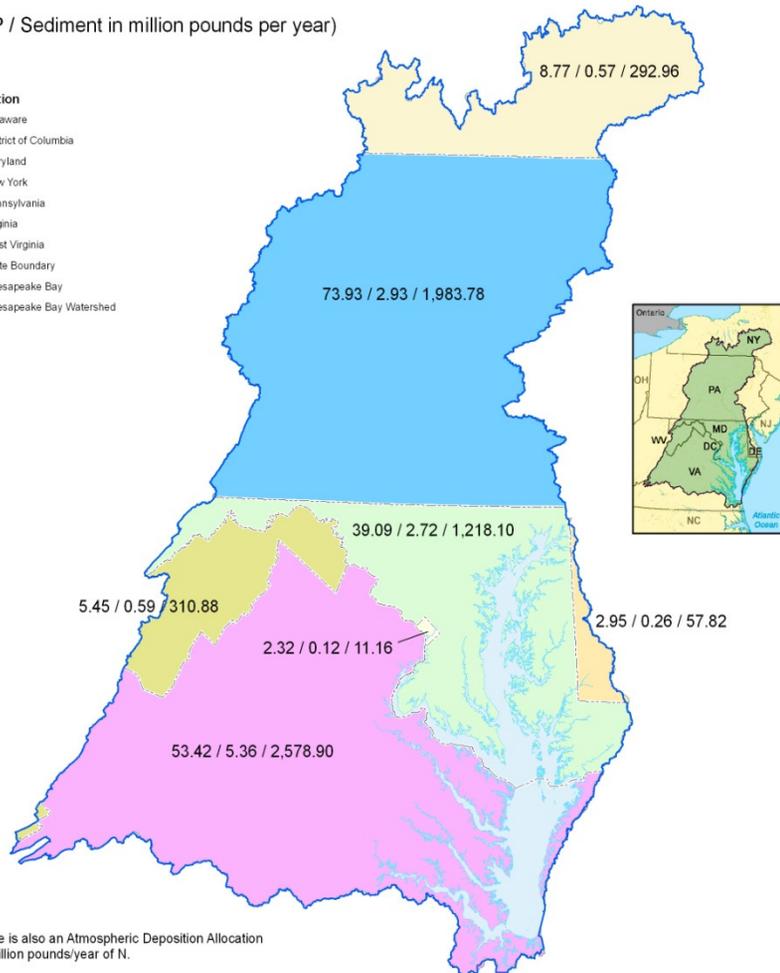


Pollution Diet

...by State

(N / P / Sediment in million pounds per year)

- Jurisdiction**
- Delaware
 - District of Columbia
 - Maryland
 - New York
 - Pennsylvania
 - Virginia
 - West Virginia
 - State Boundary
 - Chesapeake Bay
 - Chesapeake Bay Watershed

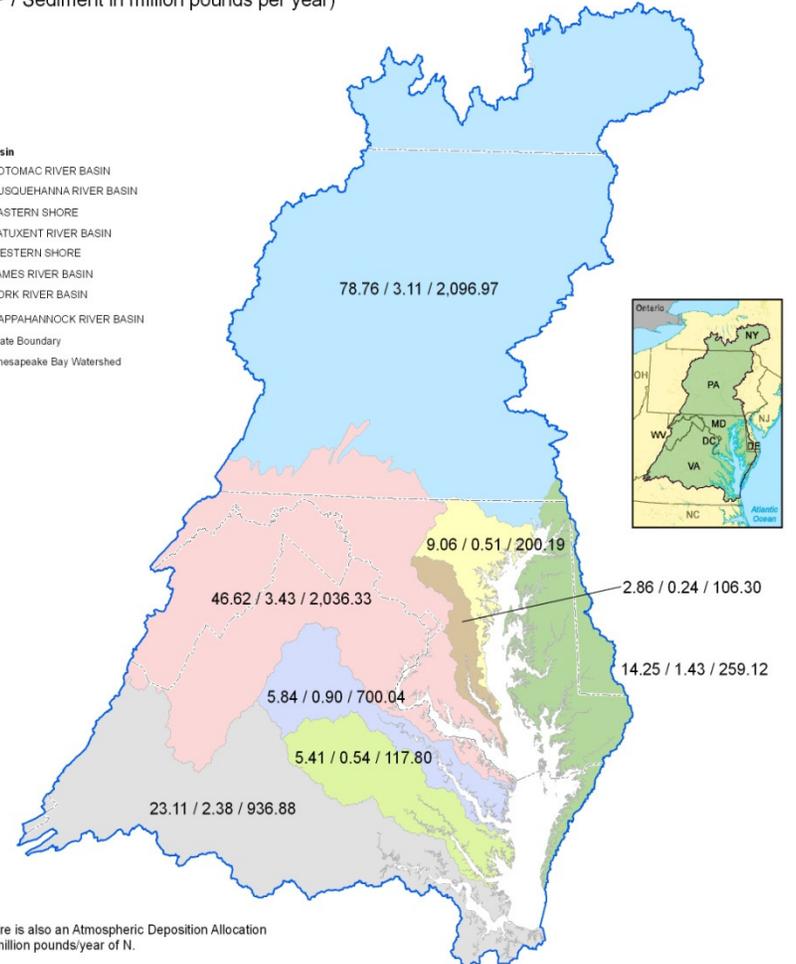


Note: There is also an Atmospheric Deposition Allocation of 15.70 million pounds/year of N.

...by River

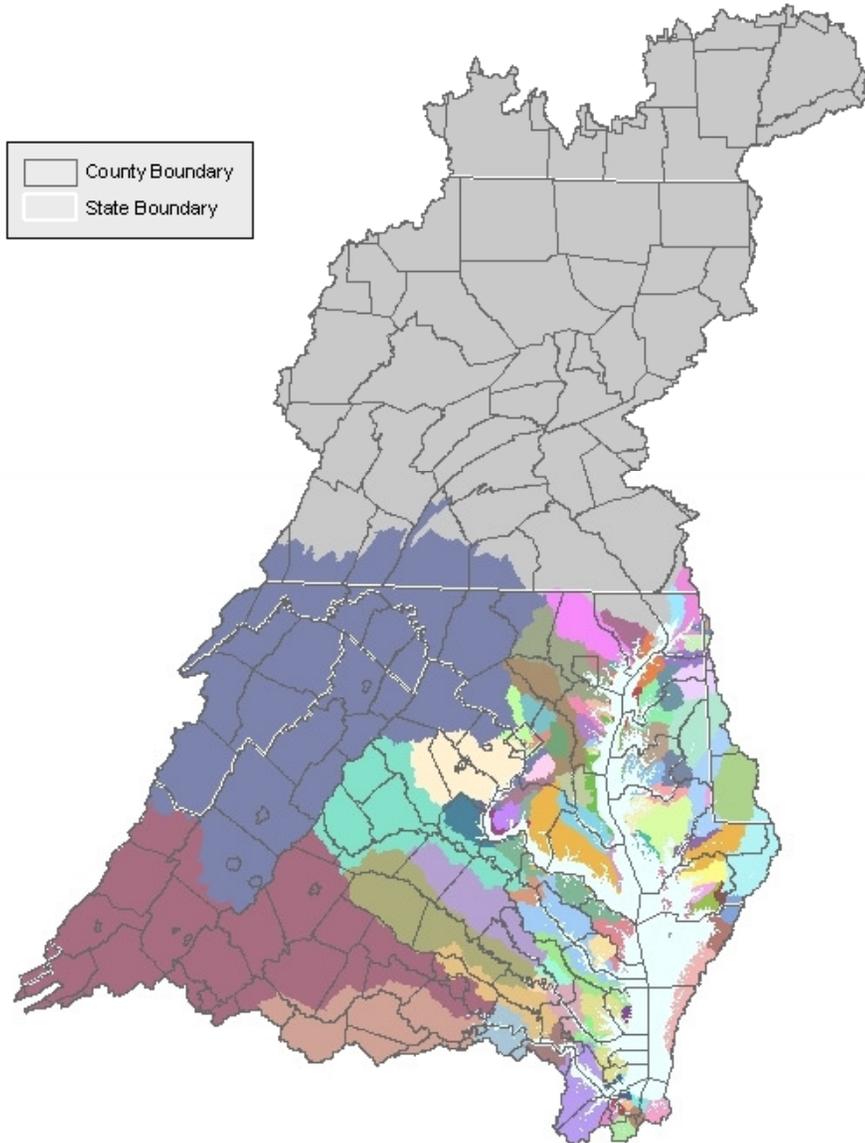
(N / P / Sediment in million pounds per year)

- Major Basin**
- POTOMAC RIVER BASIN
 - SUSQUEHANNA RIVER BASIN
 - EASTERN SHORE
 - PATUXENT RIVER BASIN
 - WESTERN SHORE
 - JAMES RIVER BASIN
 - YORK RIVER BASIN
 - RAPPAHANNOCK RIVER BASIN
 - State Boundary
 - Chesapeake Bay Watershed



Note: There is also an Atmospheric Deposition Allocation of 15.70 million pounds/year of N.

Purpose of Phase II WIPs



- Facilitate implementation
- Identify amount, location of practices to meet 2017 and 2025 goals
- Propose modifications as necessary to TMDL allocations
- Provide additional opportunity for jurisdictions to demonstrate reasonable assurance

What Story Should Phase II WIPs Tell?

1. Who are the **key local partners** and are they aware of WIP strategies?
2. How is each jurisdiction **working with its key partners**?
3. What are **state strategies to help facilitate implementation at a local scale**?
4. What are the **clear, quantitative goals at a local level** for reducing nitrogen, phosphorus and sediment and/or increasing implementation?
5. How will **progress** by local partners be **tracked, verified, and reported** to EPA?
6. How are jurisdictions working with **federal agencies** to meet TMDL allocations?

Three WIP Phase II Guides

- **State Guide**
 - Addresses the development and review of the Phase II WIPs (issued March 30)
- **Federal Guide**
 - Clarifies EPA's expectations regarding federal agency participation in TMDL/WIPs (NLT April 30)
- **Two-Year Milestone Guide**
 - Expectations for Bay jurisdictions and federal agencies regarding two-year milestones (proposed by May 9)

Posted at <http://www.epa.gov/chesapeakebaytmdl>

EPA Phase II Support to Federal Facilities

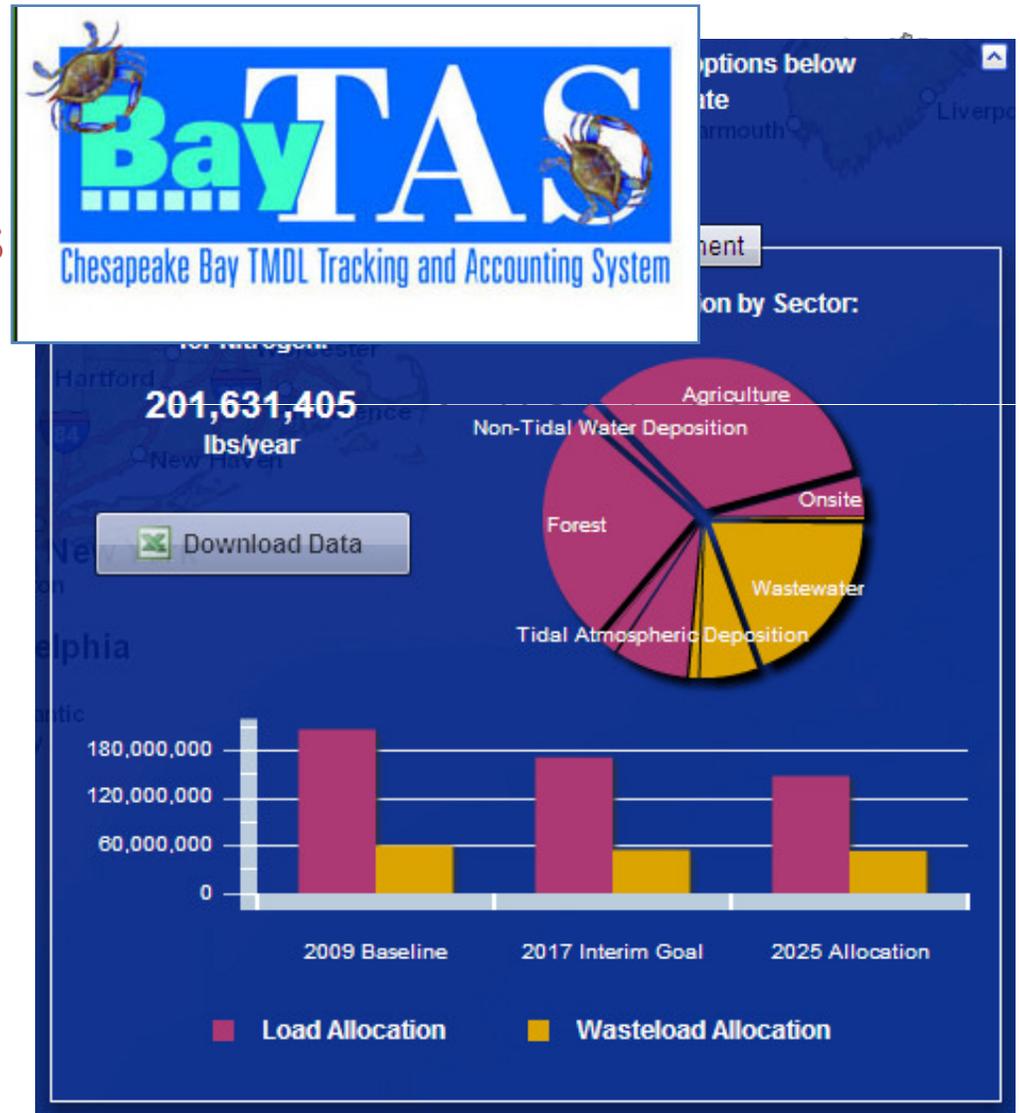
- CBPO and Region III staff leading inter-agency federal facility team
- Ongoing efforts to help identify facility locations, boundaries, and points of contact
- GIS and model analyses; next model will have enhanced capability for federal lands analyses
- Training and assistance with reporting systems
- Tracking EO 13508 actions and milestones

Timeline Leading to Final Phase II WIPs

- *Guide for Federal Lands and Facilities* by April 30, 2011
- **2-Year Milestone Guide** by May 9, 2011
- Changes to Watershed Model and **results of key scenarios** run through the updated Watershed Model, and **proposed nitrogen, phosphorus and sediment allocations for the 19 state-basins** by June 30, 2011
- **Final** nitrogen, phosphorus and sediment **allocations** for the 19 state-basins by July 15, 2011
- **Preliminary 2012-2013 jurisdiction milestone** commitments by November 1, 2011
- **Draft Phase II WIPs** submitted to EPA by December 1, 2011
- **2012-2013 jurisdiction milestone commitments** submitted to EPA by January 3, 2012
- **EPA comments** on draft Phase II WIPs by January 31, 2012
- **Final Phase II WIPs** submitted to EPA by March 30, 2012

Phase II WIPs: Part of Chesapeake Bay Accountability Framework

- WIPs
 - Phase I: Define strategies, propose TMDL allocations
 - Phase II: Refine strategies
 - Phase III: Mid-course adjustments
- 2-Year Milestones
- Track and Assess Progress
- Federal Actions, as necessary



QUESTIONS



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