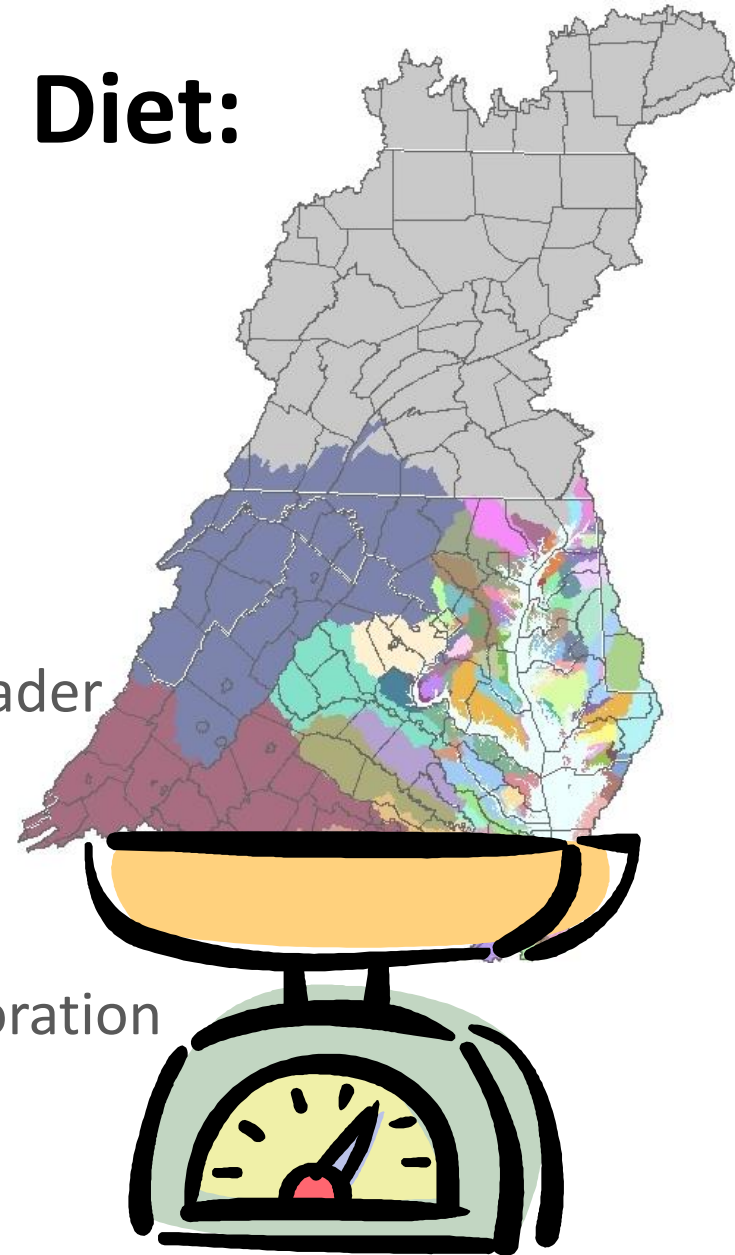


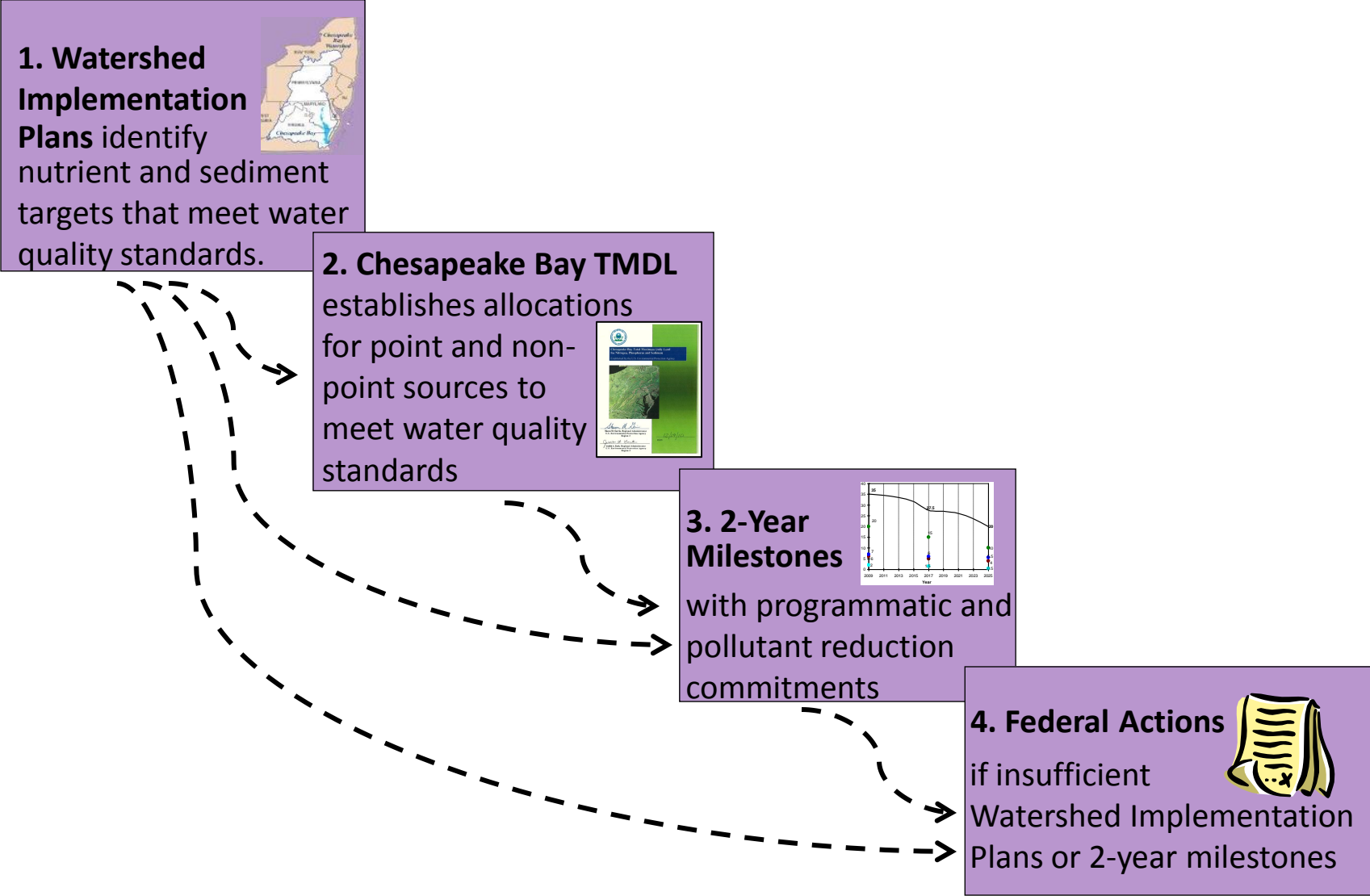
# Sticking to the Pollution Diet: Accountability and the Chesapeake Bay TMDL

Katherine Antos, Water Quality Team Leader  
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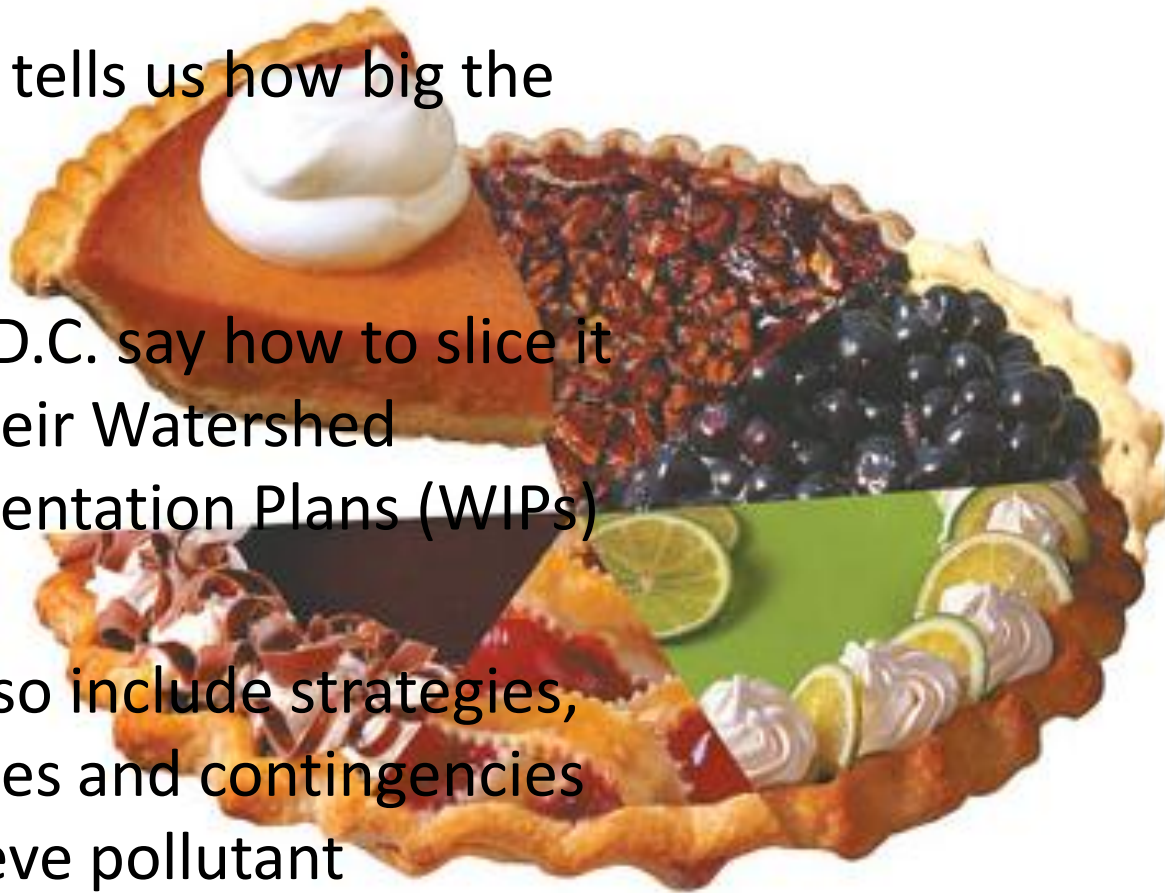


# Components of Bay TMDL Accountability Framework

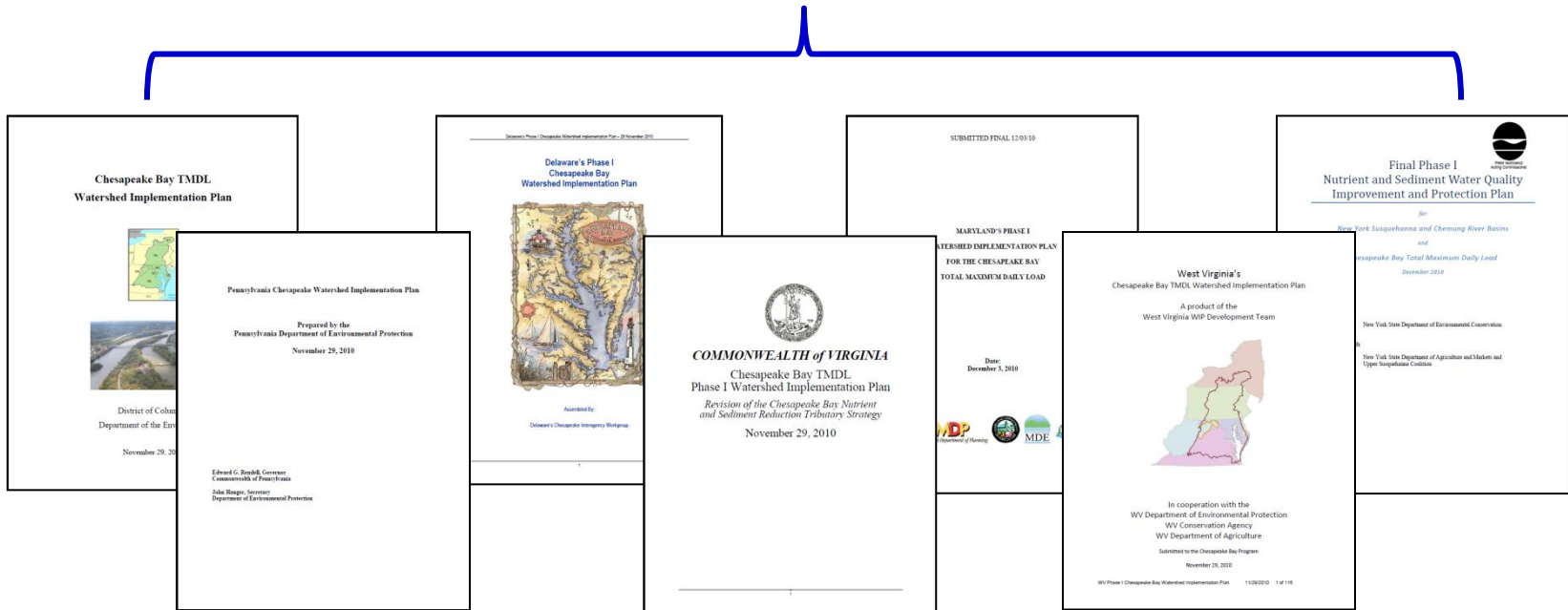
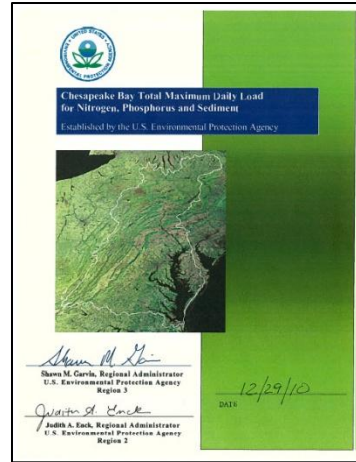


# 1. Watershed Implementation Plans

- Science tells us how big the pie is
- States, D.C. say how to slice it up in their Watershed Implementation Plans (WIPs)
- WIPs also include strategies, schedules and contingencies to achieve pollutant reductions

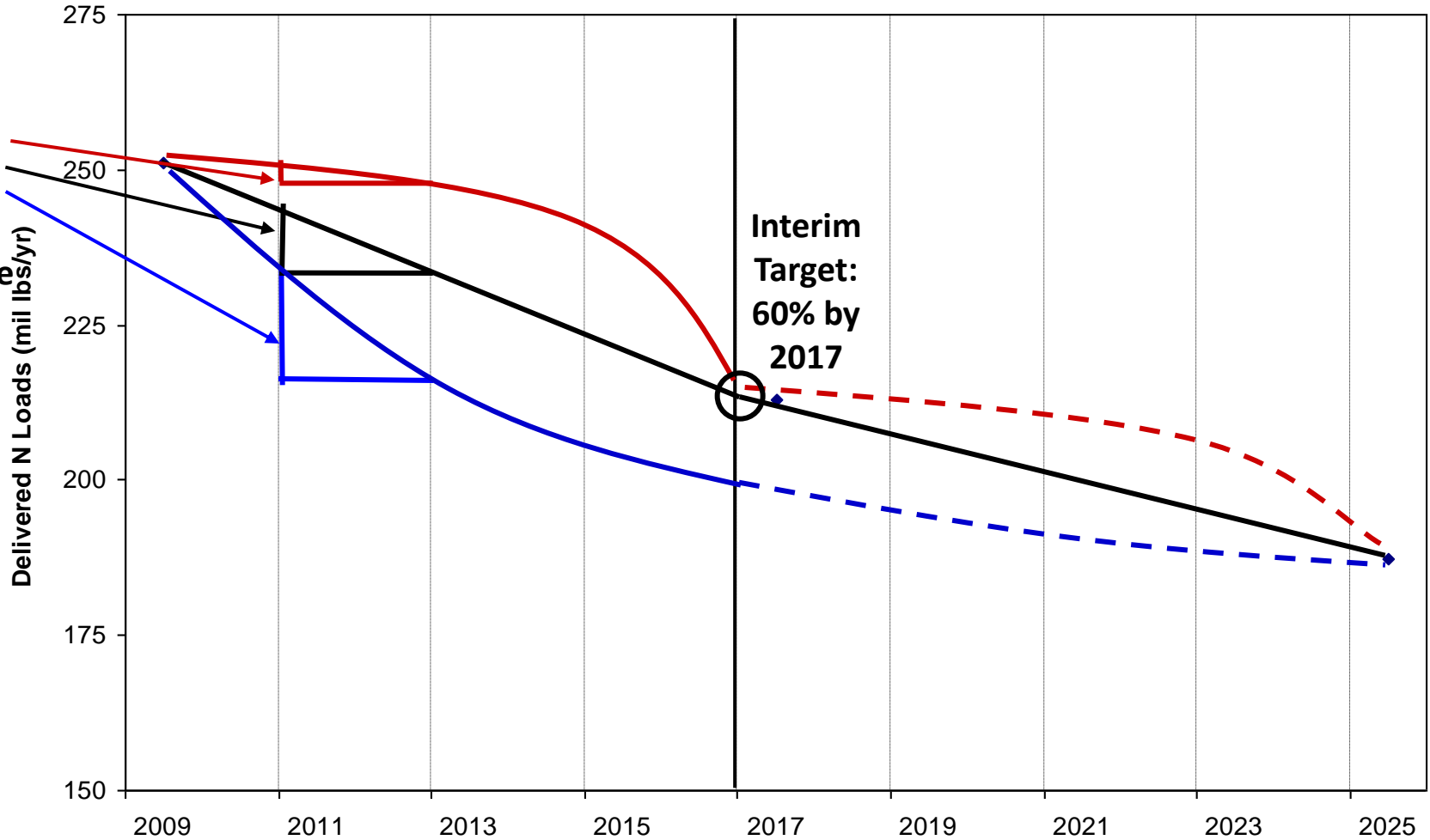


# 2. Chesapeake Bay TMDL Based on 7 Watershed Implementation Plans



# 3. Two-Year Milestones

EPA Will Assess if Milestone Reductions on Schedule



- Assumes Upfront Program-Building and Future Reductions**
- Assumes Constant Reduction Over Time**
- Assumes Upfront Low-Hanging Fruit and More Difficult Future Reductions**

# Milestone Progress

- 2011 Executive Council: Jurisdictions generally on track or ahead of schedule to meet first milestone



**Introduction**  
 During the 2009 Chesapeake Executive Council (EC) meeting, the governors and mayor of the Bay watershed jurisdictions - Maryland, Virginia, Pennsylvania, Delaware, West Virginia, New York and the District of Columbia - set short-term goals to reduce pollution to the Bay and dramatically accelerate the pace of restoration. The collective jurisdictional commitments will result in reducing nitrogen by 15.8 million pounds and phosphorus by 1.05 million pounds during the three-year period, 2009-2011. An interim assessment of pollution control practices being implemented to achieve these reductions follows.

This interim progress assessment compares 2008 (the baseline year prior to the start of the milestone period) and 2010 (the most recent reporting period, which covers practices implemented July 2009-June 2010). Bay jurisdictions have reported on the practices they committed to implement in their "2011 Milestones to Reduce Nitrogen and Phosphorus" fact sheets and provided a calculation of percent completion to date. This assessment looks at progress for approximately two-thirds of the 2009-2011 milestones period. Therefore, jurisdictions who have implemented practices that are approximately two-thirds of the way to meeting their commitments are considered to be "on track." Progress that was significantly more than two-thirds is reported as "ahead of schedule" while results that were significantly less are noted as "behind schedule."

As of June 2010, the jurisdictions are generally on-track to implement pollution control practices necessary to achieve load reduction commitments. In instances where they are behind, contingencies are being implemented. A final assessment of load reductions achieved during the entire three-year period will be available at next year's EC meeting.

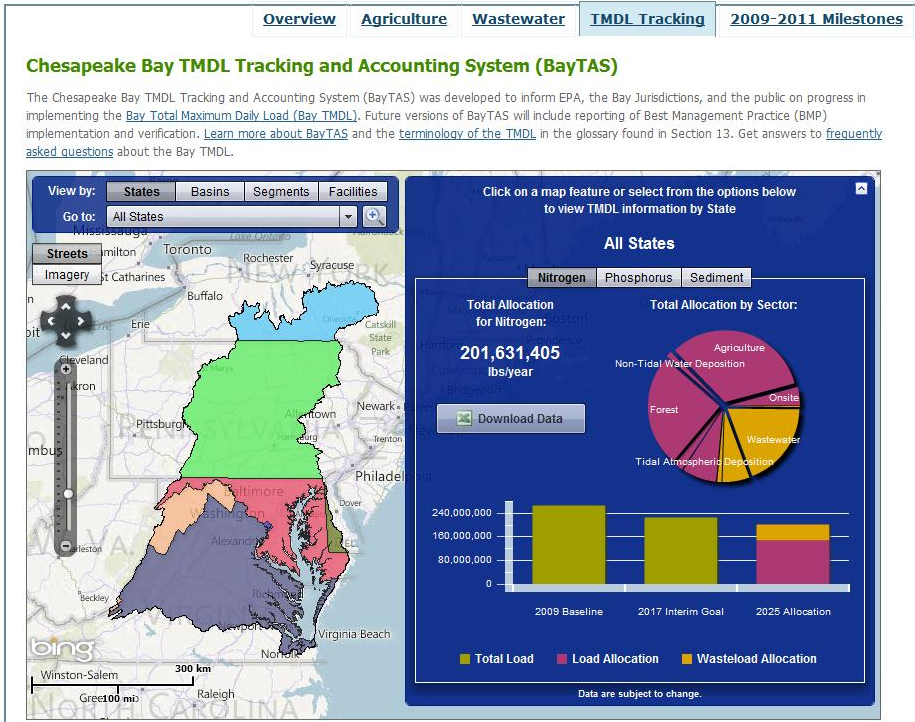


**Snapshot: How are the jurisdictions doing on meeting their commitments?**

Jurisdiction	Status	Notes
VA, DE	Generally on-track.	In instances where a jurisdiction is behind on specific practices, they have substituted other practices (here called "contingencies") to meet their pollution reduction commitments.
PA, WV	Generally ahead of schedule.	
NY	Generally ahead of schedule for some practices, behind for others.	
MD	Generally ahead of schedule.	More current information on MD's progress (through May 2011) is documented and available on BayStat
DC	Generally ahead of schedule.	

For more, contact Margaret Enloe (410) 267-3740, [menloe@chesapeakebay.net](mailto:menloe@chesapeakebay.net)

# Tracking Progress: BayTAS



- Web-based tool allows users to visualize TMDL progress
- Developed with Chesapeake Bay Program Partners
- Most recent quarterly report: 78% of significant WWTPs' nutrient permit limits consistent with TMDL wasteload allocations

# 4. Federal Actions

1. Expand coverage of NPDES permits
2. Increase oversight of state-issued NPDES permits
3. Require additional pollutant reductions from point sources
4. Increase federal enforcement
5. Prohibit new/expanded discharges unless sufficient offsets
6. Condition or redirect EPA grants
7. Revise water quality standards
8. Other federal actions as authorized

Note: Commitment to ongoing oversight to address issues before taking federal actions



# Recent TMDL Implementation Successes

- DC: Breaking ground on Blue Plains upgrades
- DE: Developing new state stormwater regulations
- NY, MD and VA: Passed legislation to address composition and proper use of lawn fertilizer
- PA: Making conservation districts partners in compliance assurance; pursuing innovative new waste-to-energy technologies
- WV: Passed legislation to dedicate funding from state lottery revenues for WWTP upgrades

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[www.epa.gov/chesapeakebaytmdl](http://www.epa.gov/chesapeakebaytmdl)

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