

Chesapeake Bay Program Partnership

Chesapeake Bay TMDL and Executive Order: Implications and Opportunities

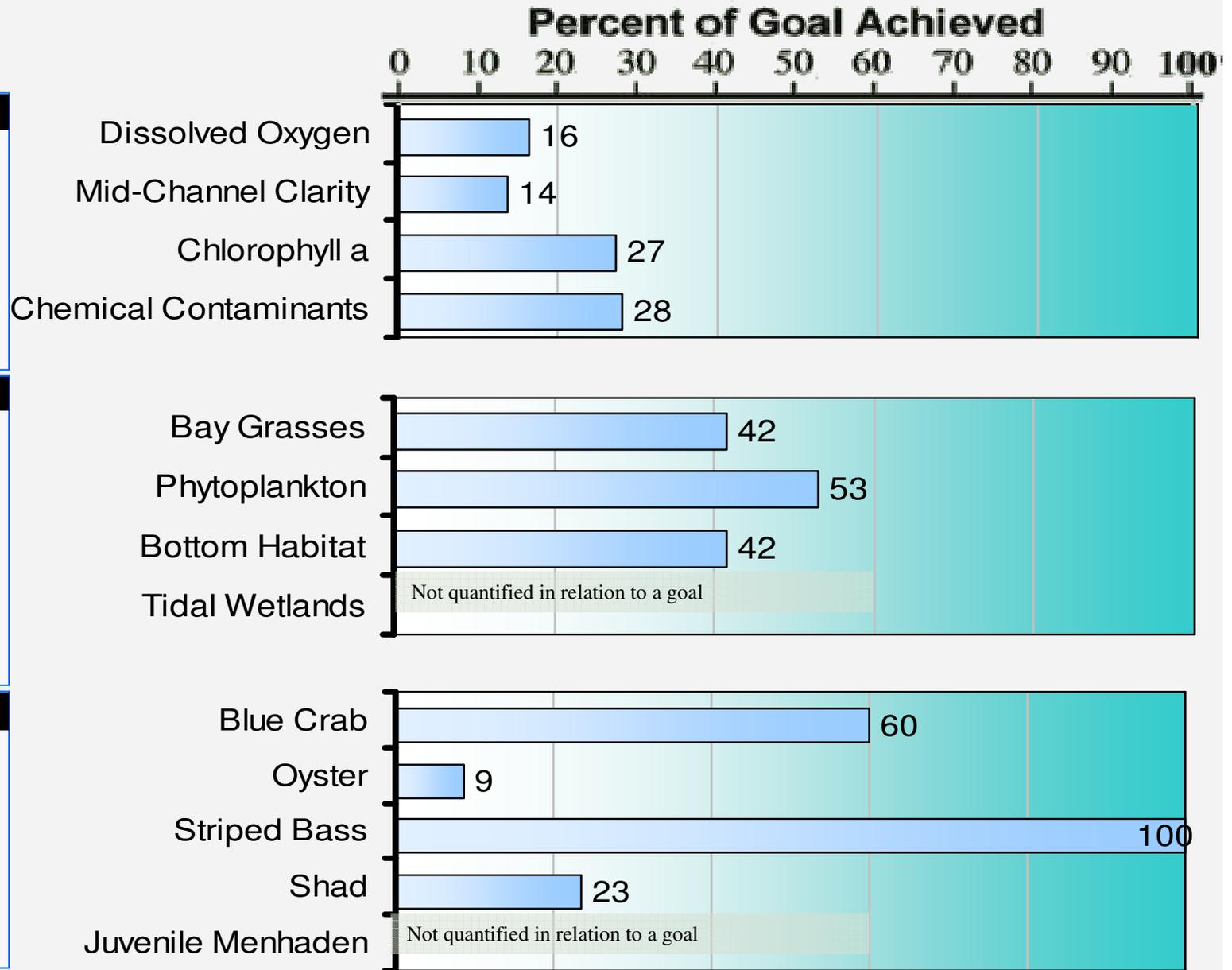
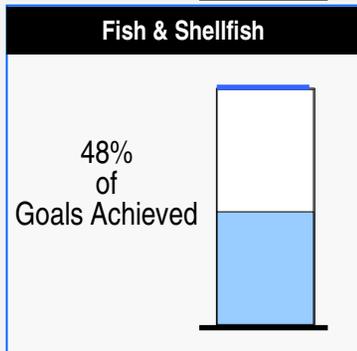
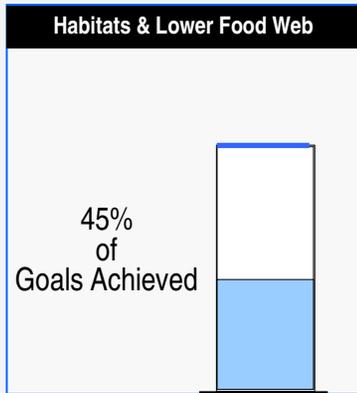
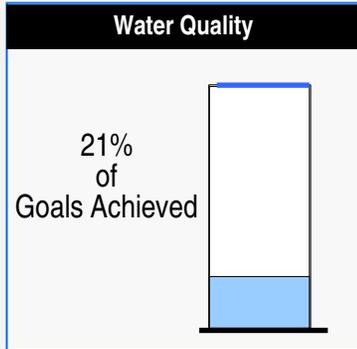
September 23, 2009



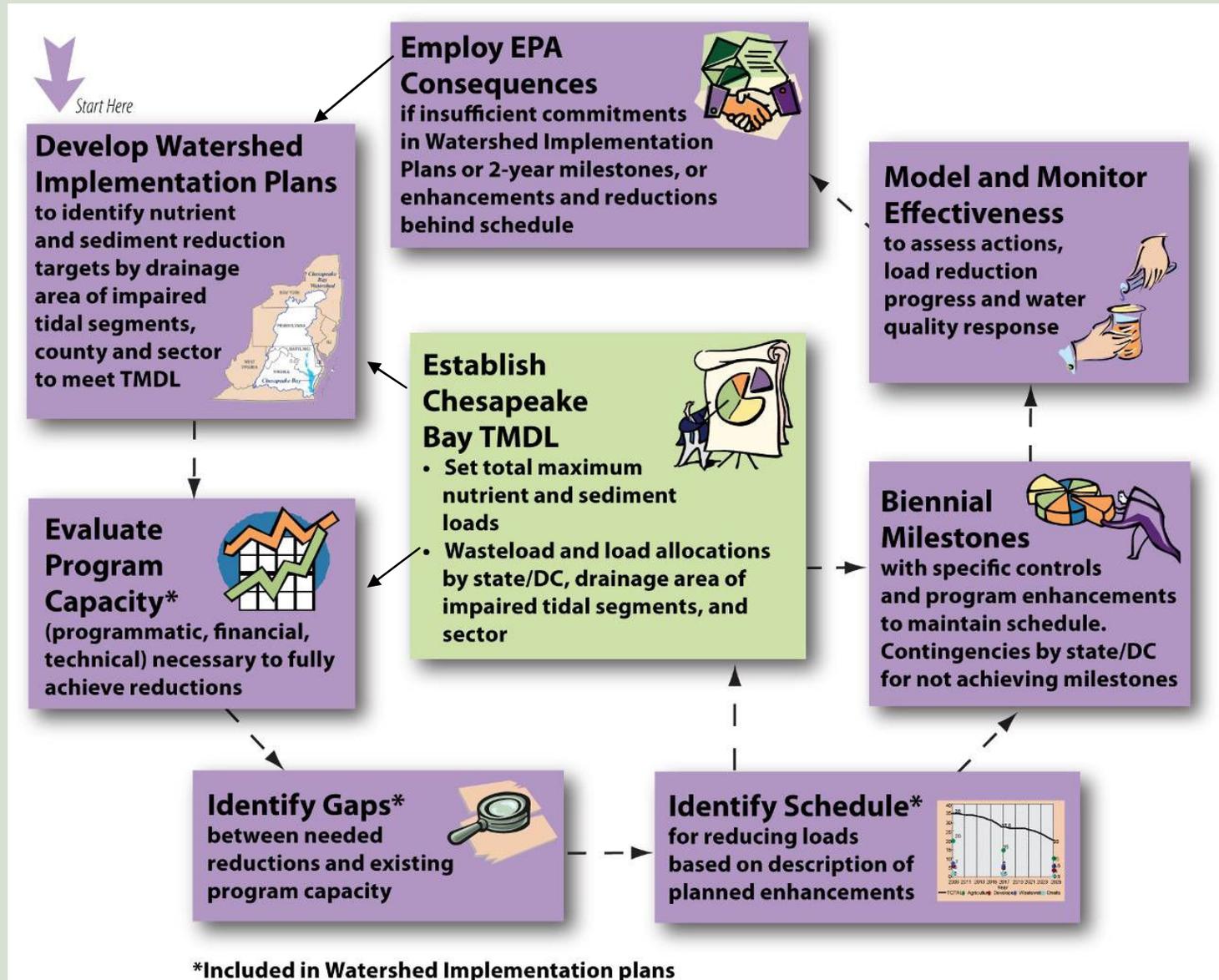
Richard Batiuk, Assoc. Director for Science
U.S. EPA Chesapeake Bay Program Office

Summary: 2008 Bay Health Assessment

Priority Areas

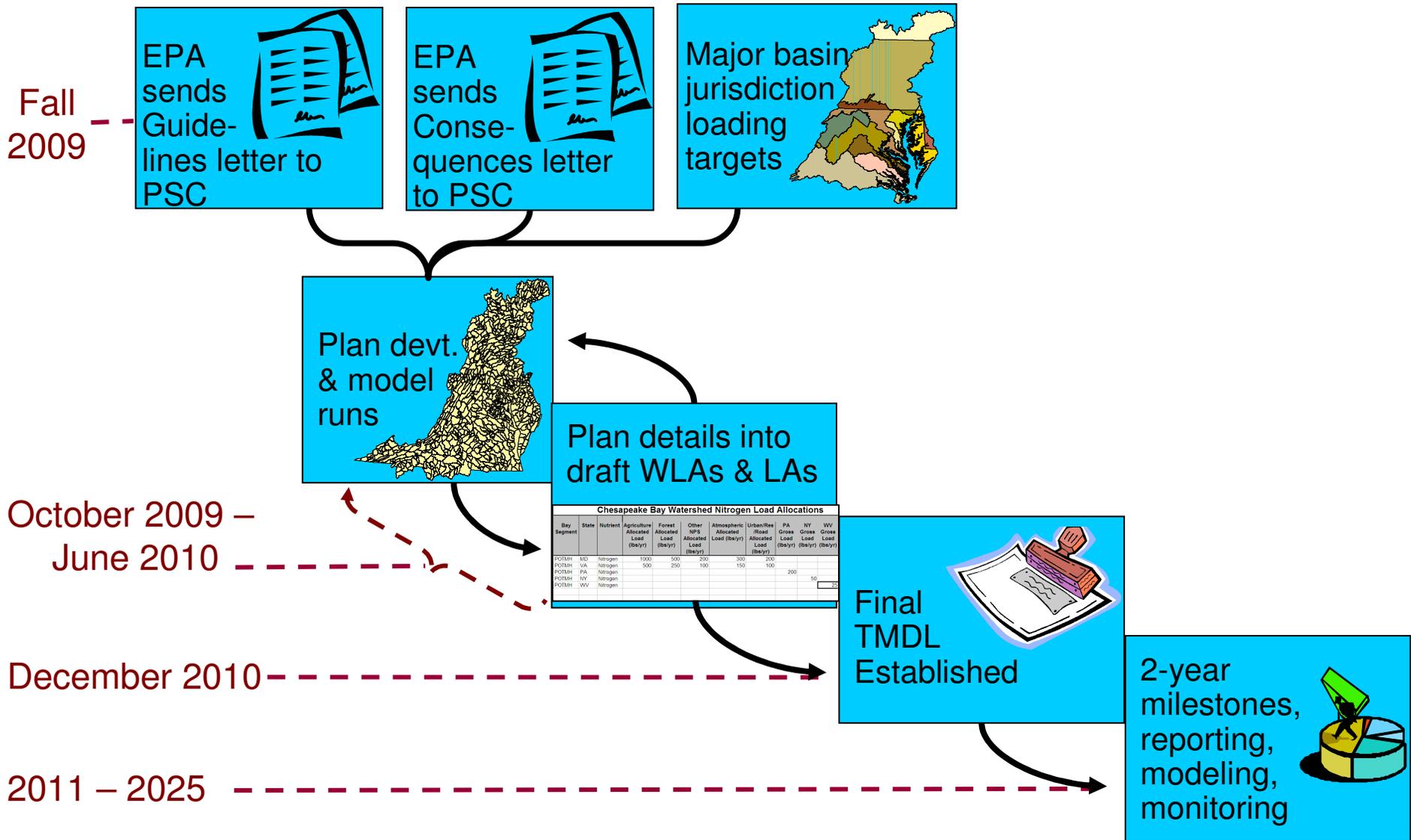


Bay TMDL and Implementation Framework: What are all the moving parts?



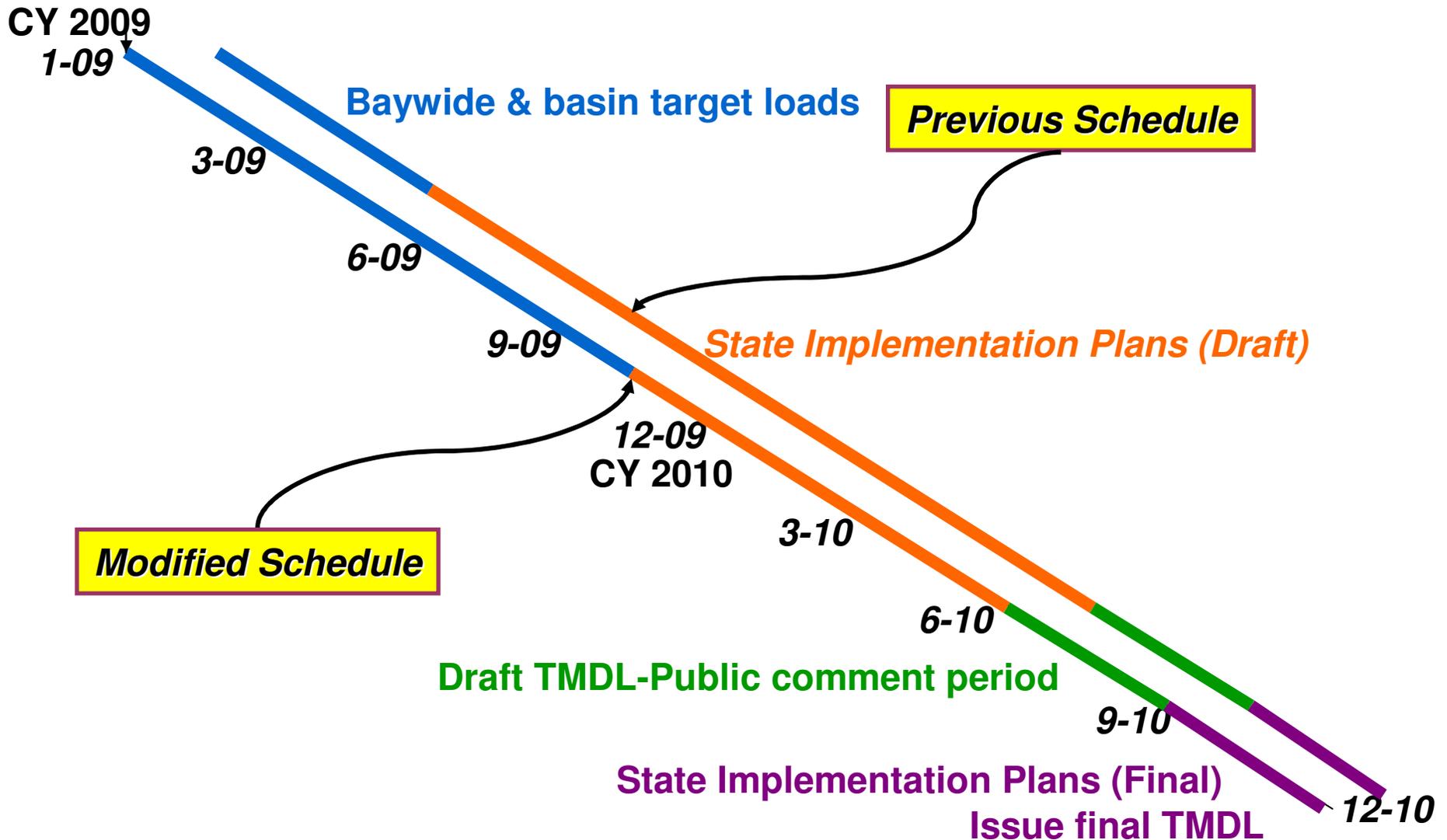
	Tributary Strategy	2009 State 2-Year Milestones	Watershed Implementation Plans	Future 2-Year Milestones
1) Scale of interim and final load target	Basin- and Sector-Specific	Statewide	Basin, Segmentshed, County and Sector-Specific	Basin, Segmentshed, County and Sector-Specific
2) Cap load targets by source sector in each segmentshed and county			✓	
3) Load reduction schedule that meets interim and final targets (Link between Watershed Implementation Plans and 2-Year Milestones to evaluate whether adequate progress)			✓	✓
4) Identification of program gaps			✓	
5) Program enhancements (legal, funding, etc) and schedule to fill		✓	✓ (with schedule)	✓
6) Contingencies		Somewhat	✓	✓
7) Account for growth by setting aside allocations or specifying how will offset			✓	✓
8) General description of planned pollution controls	✓		✓	
9) Quantitative planned BMP controls	✓	✓		✓
10) Quantitative planned PS controls	✓	✓	✓	✓
11) County/segmentshed location of BMPs				✓
12) Uniform, transparent and consistent tracking and reporting requirements			✓	✓

Watershed Implementation Plan Expectations and Sequencing



Updated TMDL Schedule

Presented to CBP Principals' Staff Committee in July 2009



What's on the road ahead?

- **EPA issuance of final watershed implementation guidelines (mid-Oct)**
- **PSC agreement on new nutrient jurisdiction-basin target cap loads (Oct 23)**
- **Federal agencies publication of 202 reports, release draft Section 203 strategy (Nov 8)**
- **EPA issuance of more detailed descriptions of consequences, triggers (mid-Nov)**

What's on the road ahead?

- **Bay TMDL public mtgs-first round (Nov-Jan)**
- **States, working w/local gov'ts and local stakeholders, allocating responsibility down to impaired tidal segments' watersheds, counties and sources (starting Nov.)**
- **Watershed implementation plan development by states, local gov'ts (Nov 2009 – May 2010)**
- **Draft TMDL public review/public meetings (June – Sept. 2010)**
- **Final TMDL established (December 2010)**



Executive Order: Round 1

Seven Federal Agency Reports ...

Water Quality

Define the next generation of tools and actions to restore water quality... and describe the changes to be made to regulations, programs, and policies.



Targeting Resources

Target resources ... including resources under the Food Security Act of 1985 as amended, the Clean Water Act, and other laws.



Storm-water & Federal Facilities

Strengthen storm water management practices at Federal facilities and on Federal lands and develop storm water best practices guidance.



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Climate Change

Assess the impacts of a changing climate ...and develop a strategy for adapting natural resource programs and public infrastructure.



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Public Access & Conservation

Expand public access to waters and open spaces from Federal lands ... and conserve landscapes and ecosystems.



Monitoring & Decision Support

Strengthen scientific support for decision-making ... including expanded environmental research and monitoring and observing systems.



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Habitat & Research for Living Resources

Develop focused and coordinated habitat and research activities that protect and restore living resources and water quality.



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Draft Chesapeake Bay Executive Order WQ Report—Key Points

- New Accountability Program
 - Bay TMDL, watershed implementation plans, evaluation of programmatic, financial and technical capacity, 2-year milestones, consequences
- “Achieve the pollutant reductions needed from all sources through regulations, permits or enforceable agreements”
- “Include commitments to date by which any necessary regulations or instruments would be established and implemented”
- Proposed CAFO, stormwater and new/expanded source rulemakings

SRBC WQAC Role in the Bay TMDL

- Get informed and stay involved
 - Participate in upcoming public meetings
- Work across the 3 watershed jurisdictions and federal partners to do what's best for the river
 - Look for opportunities to address Susquehanna specific issues in the context of the Bay TMDL
- Keep a critical eye on issues unique to the Susquehanna: sediment behind the dams, legacy sediments, acid mine drainage

Contact Information

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