

# Evaluating Progress: How will we fill the gaps?

Presentation to the Chesapeake Bay Commission  
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Kim Coble  
Chesapeake Bay Foundation



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# Accountability Framework

1. Comprehensive and detailed state-specific plans
2. Deadlines (2017 and 2025)
3. Two-year incremental goals or “milestones”
4. Consequences for failure



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## The Key to Progress

# 2012 / 2013 Milestones

- CBF and Choose Clean Water Coalition assessed progress toward 2012/13 milestone goals
- Environmental groups in all states, except NY, participated
- Groups chose select BMPs and assessed progress by comparing to 50% implementation



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## Evaluating Progress

# 2012 / 2013 Milestones




- Strong interest among environmental groups in holding states accountable – the process is working
- Progress is being made, but more needs to be done
- Concerns about data transparency and verification



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## Evaluating Progress

## Interim Milestone Progress at a Glance

 <b>AGRICULTURE</b>							DE	MD	PA	VA	DC	WV
Nutrient Application Management										*	×	
Grass Buffers									*		×	*
Wetland Restoration								*	*	*	×	*
Cover Crops									*	*	×	
Animal Manure Management Structures							*		*	*	×	*
Forest Buffers							*	*			×	
Conservation Plans							*	*		*	×	*
Conservation Tillage							*	*			×	*
Stream Access Control w/Fencing							×	*	*		×	
Barnyard Runoff Control							*	*		*	×	*
 <b>URBAN/SUBURBAN</b>							DE	MD	PA	VA	DC	WV
Traditional Stormwater Ponds								*	*			*
Modern Stormwater Infiltration Practices								*				*
Stormwater Retrofits							×		×	×	×	×
Urban Tree Planting							*	*		*		*
Urban Stream Restoration							*	*	*			*
Impervious Surface Reduction							×	*	*	*		*
Street Sweeping							*	*	*	*		×
 <b>WASTEWATER/SEPTIC</b>							DE	MD	PA	VA	DC	WV
Septic Practices									*	*	×	*
Wastewater Treatment Plants											*	

\* These practices were not reviewed

×

 These practices were not required in this states pollution-reduction plan

On track

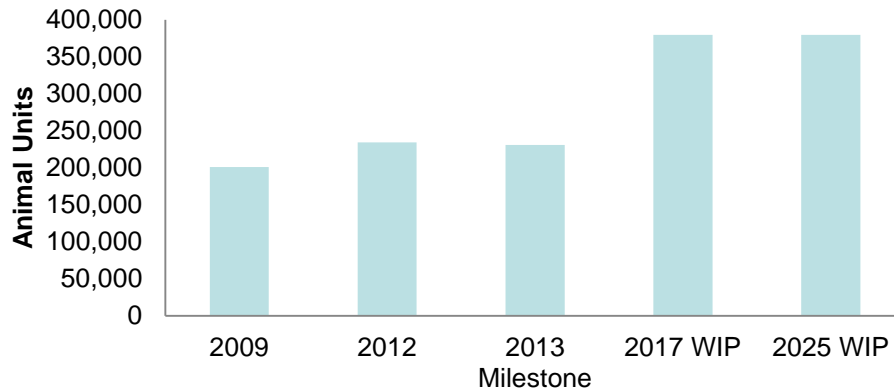
Not on track



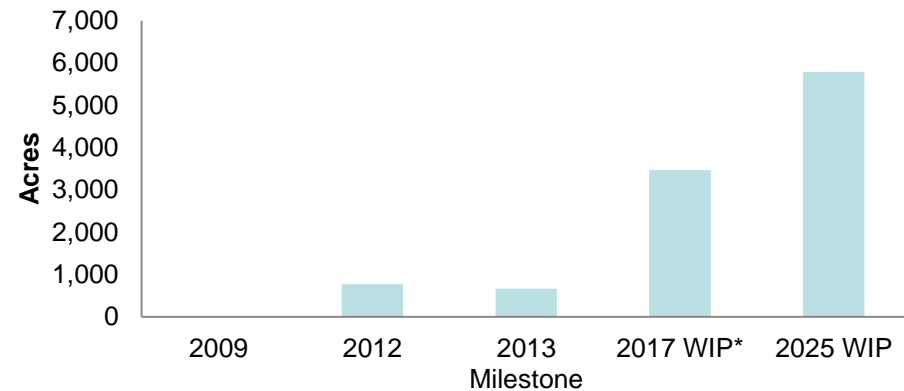


# In some cases, Milestone Commitments are not on-track to achieve long-term goals

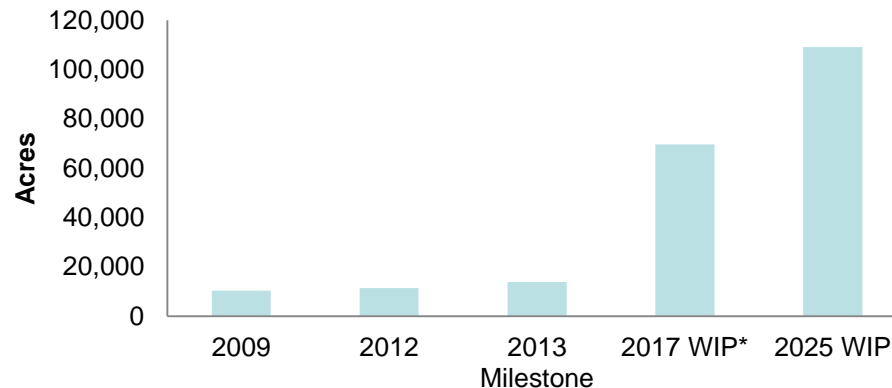
## Maryland Manure Management Systems



## Pennsylvania Barnyard Runoff Control



## Virginia Grass Buffers



# **Federal Farm Bill:**

## **Support the Senate Version of the Regional Conservation Partnership Program**

- New program, replaces the Chesapeake Bay Watershed Initiative
- The Senate version authorizes 66% more funding than the House for Critical Conservation Areas, including the Chesapeake Bay
- It provides \$101M annually for up to 6 geographic areas, or an annual average of \$16.8M per area



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## **Closing the gap: Agriculture**

# Settlement Agreement

## Recent Amendments in *Fowler et al. vs EPA*

- EPA assessment of CAFO and AFO programs to ensure consistency with WIPs
- EPA review of subwatersheds with significant manure generation from AFOs to determine compliance with CWA
- EPA review of CAFO permits to determine consistency with legal requirements and WIPs
- Based on results of above, determine need for revisions to federal CAFO regs



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**Closing the gap:  
Agriculture**



# Exploring Nutrient Trading for Urban Stormwater Compliance

- Building upon CBC sponsored report that suggests potential for millions of dollars worth of savings from nutrient trading, particularly for local governments dealing with urban stormwater
- CBF working with World Resources Institute to conduct pilot projects: Montgomery County, MD, Arlington County, VA (to be confirmed), Queen Anne's County, MD (to be confirmed)



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**Closing the gap:  
Stormwater**

# Local Government Assistance

- **Watershed planning and stormwater project prioritization**
  - Developing formats and outlines for watershed plans
  - Assistance with models and data layers
- **Finance**
  - State and federal opportunities, including grants
  - Innovative financing mechanisms and non-government sources of funds
  - Incentives for implementation



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**Closing the gap:  
Stormwater**

# Maryland Legislative Priorities

- **Defend Stormwater Fee bill** – fight a rollback of last year's bill
- **State Funding for WIP implementation** – CBTF, Ag Cost-Share Programs, Agency Funding
- **BPW Authority** – correct court decision so that, when BPW reviews a wetlands project they can consider public health and safety or cumulative impacts of the project.



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## Closing the gap

# Pennsylvania Legislative Priorities

- **SB 994 Major Watersheds Improvement Act** – Creates a “competitive” bidding process to meet “unmet TMDL loads” for “major watersheds” across Pennsylvania. CBF currently opposes.
- **Transportation Funding.** CBF working on an amendment which would dedicate a proportion of the funding to better stormwater management on road construction projects.
- **Lawn Fertilizer Restriction.** CBF is currently monitoring this legislation as the negotiation process has weakened the bill.
- **Forested buffer retraction bill.** Removes the requirement that all new developments alongside high quality and exceptional value streams need to preserve or plant a forested riparian buffer. CBF opposes.
- **Impaired Waters Designation for the Susquehanna.**



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## Closing the gap

# Virginia Legislative Priorities

- Bipartisan polling commissioned by CBF showed strong support among VA voters for continued progress in restoring the Bay and our local rivers and streams
- **5 Critical Actions:**
  - Assure Virginia achieves its 2015 and 2017 reduction goals for agriculture, with adequate funding and new requirements
  - Provide state support for local efforts to reduce polluted runoff; incentivize innovation
  - Build the oyster industry and oyster population
  - Adopt science based management plan for menhaden recommended by ASMFC
  - Ensure K-12 environmental literacy by establishing Governor's Commission on Science, the Environment and Stewardship



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## Closing the gap



# The Chesapeake Clean Water Blueprint

The Moment in Time

Jeremy Glover/CBF Member



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