



2025 WIP Outcome

*James Martin, VADEQ and Ed Dunne, DOEE
WQGIT Co-chairs*

Through the Chesapeake Bay Watershed Agreement, the Chesapeake Bay Program has committed to...



Goal: *Reduce pollutants to achieve the water quality necessary to support the aquatic living resources of the Bay and its tributaries and protect human health.*

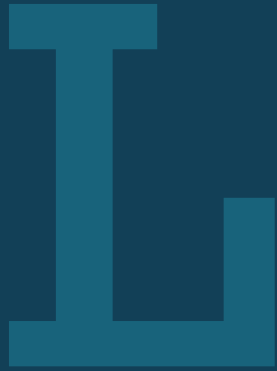
Outcome: *By 2025, have all practices and controls installed to achieve the Bay's dissolved oxygen, water clarity/submerged aquatic vegetation and chlorophyll a standards as articulated in the Chesapeake Bay TMDL document.*



How You Can Help



- Many actions are either progressing nicely or have been completed
- However, challenges remain with implementation (e.g., technical assistance)
- Need to identify specific technical assistance needs, particularly in the agricultural sector
- Also need to prioritize actions for next two-year work plan



Learn

What have we learned in the last two years?



Successes and Challenges

- A significant amount of technical and modeling analyses has been completed to date to support planning and implementation efforts
- Further collaboration is needed to better understand changes to levels of effort to meet water quality goals
- Additional capacity, resources, and assistance are needed to accelerate implementation, particularly in the ag sector
- Additional research is needed to fully address partnership priorities such as co-benefits, ecosystem services, and climate-resilient BMPs
- COVID presents uncertainty to future implementation efforts



What is our Expected and Actual Progress?

On track to achieve sediment targets but further implementation is needed to achieve nitrogen and phosphorus targets by 2025

Nitrogen			
	Reduction Achieved	Reduction Required	Percent Progress
	2009-2019	by Bay TMDL	Toward 2025 Goals
Jurisdiction	(M lbs/year)	(M lbs/year)	(70% = on track)
PA	2.82	39.73	7%
MD	5.59	11.78	47%
VA	9.56	14.96	64%
WV	-0.04	-0.19	100%
DE	0.15	2.30	6%
DC	0.71	0.34	100%
NY	0.55	2.89	19%
AllJurisdictions	19.34	71.80	27%
Phosphorus			
	Reduction Achieved	Reduction Required	Percent Progress
	2009-2019	by Bay TMDL	Toward 2025 Goals
Jurisdiction	(M lbs/year)	(M lbs/year)	(70% = on track)
PA	0.551	1.556	35%
MD	0.260	0.474	55%
VA	0.864	1.402	62%
WV	0.180	0.198	91%
DE	0.015	0.024	65%
DC	0.007	-0.058	100%
NY	0.108	0.152	71%
AllJurisdictions	1.986	3.747	53%
Sediment			
	Reduction Achieved	Reduction Required	Percent Progress
	2009-2019	by Bay TMDL	Toward 2025 Goals
Jurisdiction	(M lbs/year)	(M lbs/year)	(70% = on track)
PA	400	1,138	35%
MD	-30	-680	100%
VA	158	-315	100%
WV	33	-11	100%
DE	19	24	80%
DC	7	2	100%
NY	14	166	8%
AllJurisdictions	601	324	100%



On the Horizon

- Adjusting implementation efforts to account for COVID-19
- Addressing climate change and Conowingo Dam
- Incorporating DEIJ into our work
- Understanding the role of behavioral change in our implementation efforts
- Addressing BMP verification issues and concerns
- Explore what specifically is needed to accelerate implementation, particularly in Ag sector

A large, stylized, blue letter 'A' is centered on a dark blue background. The letter has a thick, blocky font with a slight shadow effect. The background is divided into horizontal bands of color: a dark blue band at the top, a medium blue band in the middle, and a light green band at the bottom.

Adapt

How does all of this impact our work?



**Based on what we
learned, we plan to ...**

- Prioritize and narrow our list of actions for the 2020-2021 logic and action plan
- Work more closely across the GITs and workgroups to leverage resources and create innovative solutions and opportunities



Help

*How can the Management Board
lead the Program to adapt?*



Help Needed

- Assistance with prioritizing list of actions for 2020-2021 logic and action plan
- Identify specific assistance needed to accelerate implementation to meet 2025 WIP Outcome, particularly in the Ag sector



Discussion