

The Influence of the Conowingo Reservoir Infill on Expectations for States' Nutrient and Sediment Pollutant Load Reductions

Chesapeake Bay Program

Principals' Staff Committee Meeting

December 13, 2016

Lee Currey, CBP Modeling Workgroup Co-Chair

Conowingo Reservoir Infill Decision-Making Timeline

Three Key Sets of Partnership Decisions:

- **December 2016:** Which jurisdictions will be responsible for addressing the additional nutrient and sediment loads resulting from infill of the Conowingo Reservoir by when
- **May 2017:** How much additional nutrient and sediment loads must be addressed resulting from infill of the Conowingo Reservoir
- **December 2017:** Final Phase III WIP planning targets fully reflect best understanding of additional loads from infill of the Conowingo Reservoir

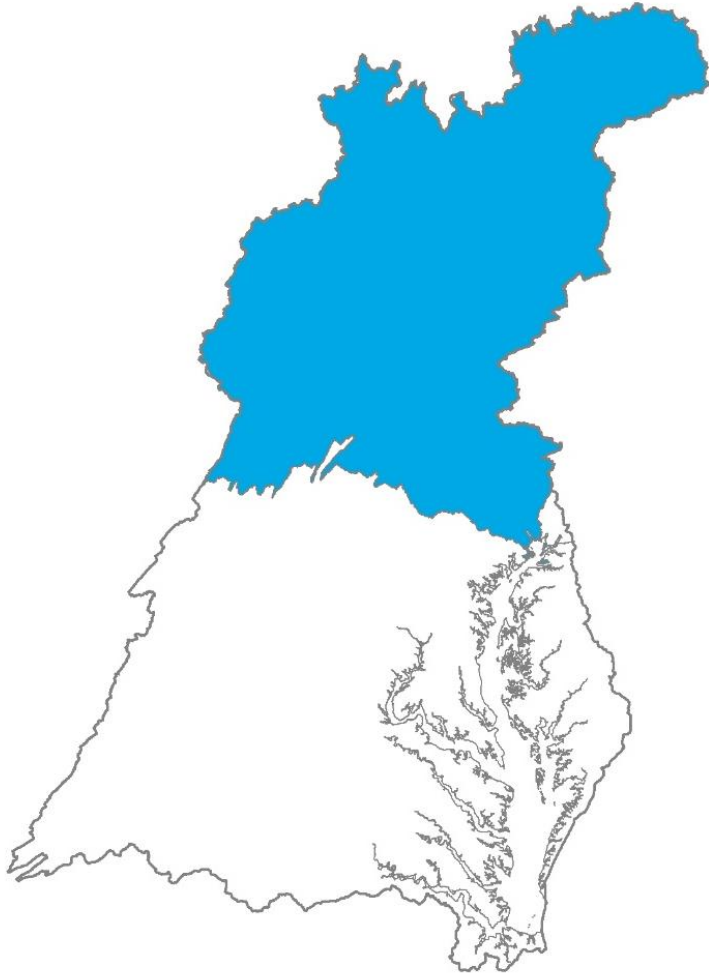
Principals' Staff Committee Decisions/ Feedback Requested

- **Who** is responsible for additional load reductions
- **How** will this responsibility be assigned
- **When** will the additional reductions be required to be met

Policy Decision #1

- **Who** is responsible for additional load reductions?
 - Susquehanna watershed only
 - Susquehanna watershed + Maryland and Virginia
 - All Chesapeake Bay watershed jurisdictions

Susquehanna Watershed Only



Potential Range of Percent Increase
in Phosphorus Load Above Each
Jurisdiction's Phase II WIP Load

NY: 10 - 21

PA: 12 - 25

MD: 1 - 1

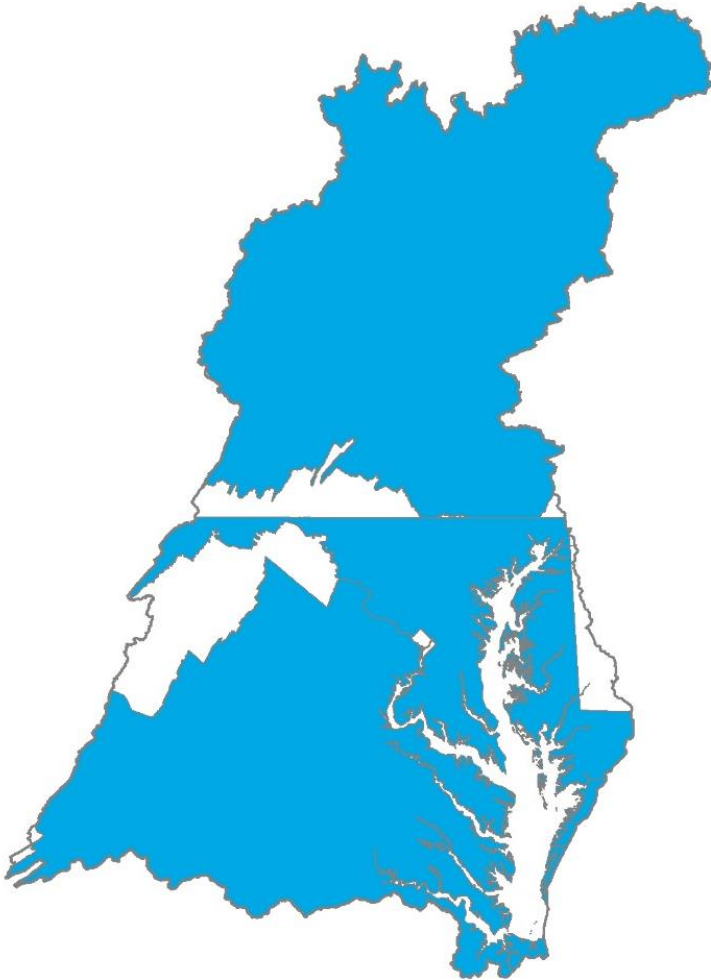
VA: 0 - 0

DE: 0 - 0

DC: 0 - 0

WV: 0 - 0

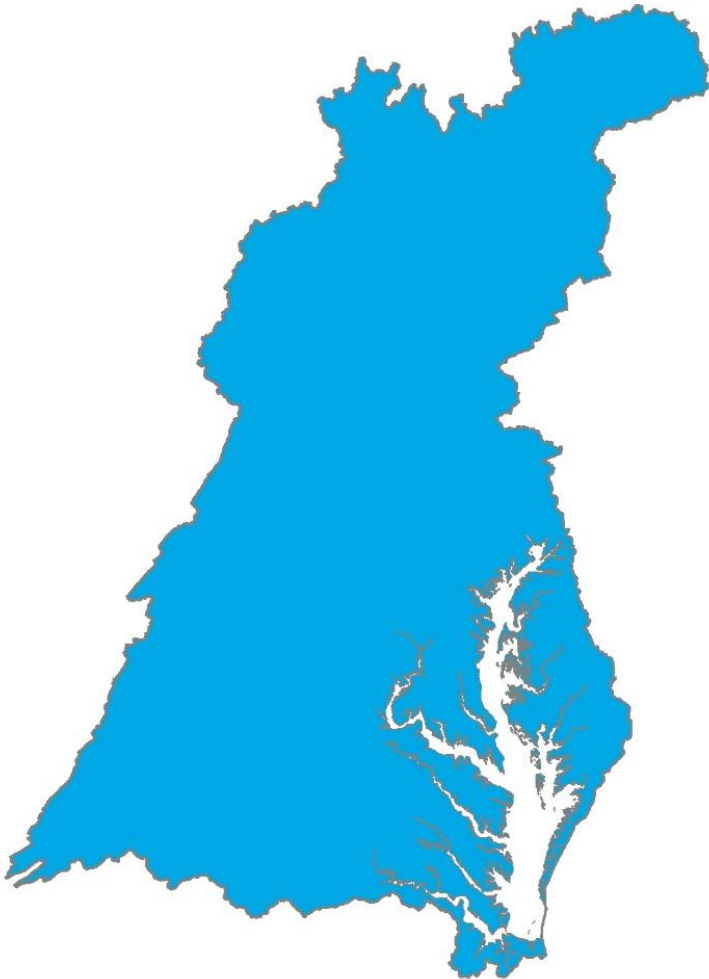
Susquehanna Watershed + Maryland & Virginia



Potential Range of Percent Increase
in Phosphorus Load Above Each
Jurisdiction's Phase II WIP Load

NY:	6 - 11
PA:	7 - 14
MD:	7 - 16
VA:	4 - 9
DE:	0 - 0
DC:	0 - 0
WV:	0 - 0

All Chesapeake Bay Watershed Jurisdictions



Potential Range of Percent Increase
in Phosphorus Load Above Each
Jurisdiction's Phase II WIP Load

NY:	5 - 10
PA:	7 - 14
MD:	6 - 14
VA:	4 - 8
DE:	9 - 20
DC:	1 - 3
WV:	5 - 11

Policy Decision #2

- **How** will responsibility assigned?
 - Allocation equity rules used in the Bay TMDL
 - Most cost effective practices and locations

Policy Decision #3

- **When** will the additional reductions be required to be met?
 - Allocate additional loads into Phase III Planning Targets and address by 2025
 - Allocate additional loads into Phase III Planning Targets, but establish timeframe beyond 2025 to address Conowingo infill loads
 - Quantify impacts due to Conowingo infill but allocate and address necessary load reductions post-2025