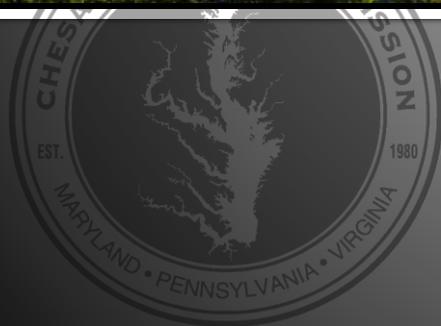


STATE OF THE CHESAPEAKE BAY

2021 BRIEFING

SENATE OF PENNSYLVANIA
ENVIRONMENTAL RESOURCES &
ENERGY COMMITTEE

4/6/2021



Ann Swanson, Executive Director
Marel King, Pennsylvania Director
Chesapeake Bay Commission

This Presentation

1. Chesapeake Bay Commission
2. Progress & Challenges
3. Federal & State Action



Chesapeake Bay Commission

Our History and Mission



A tri-state LEGISLATIVE commission created by state law to ADVISE the general assemblies of Pennsylvania, Maryland and Virginia on matters of Bay-wide concern.

- *Established in 1980*
- *Pennsylvania joined in 1985*

Chesapeake Bay Commission

Who's at the Table?



2021 Leadership

Chair Delegate David Bulova (VA-D) and Vice-Chairs Senators Gene Yaw (PA-R) & Guy Guzzone (MD-D)



Three state Delegations with seven members each:

 Two Senators

PA's Members

Senator Yaw
Senator Martin

 Three House members

Representative Gillespie
Representative Hershey
Representative Sturla

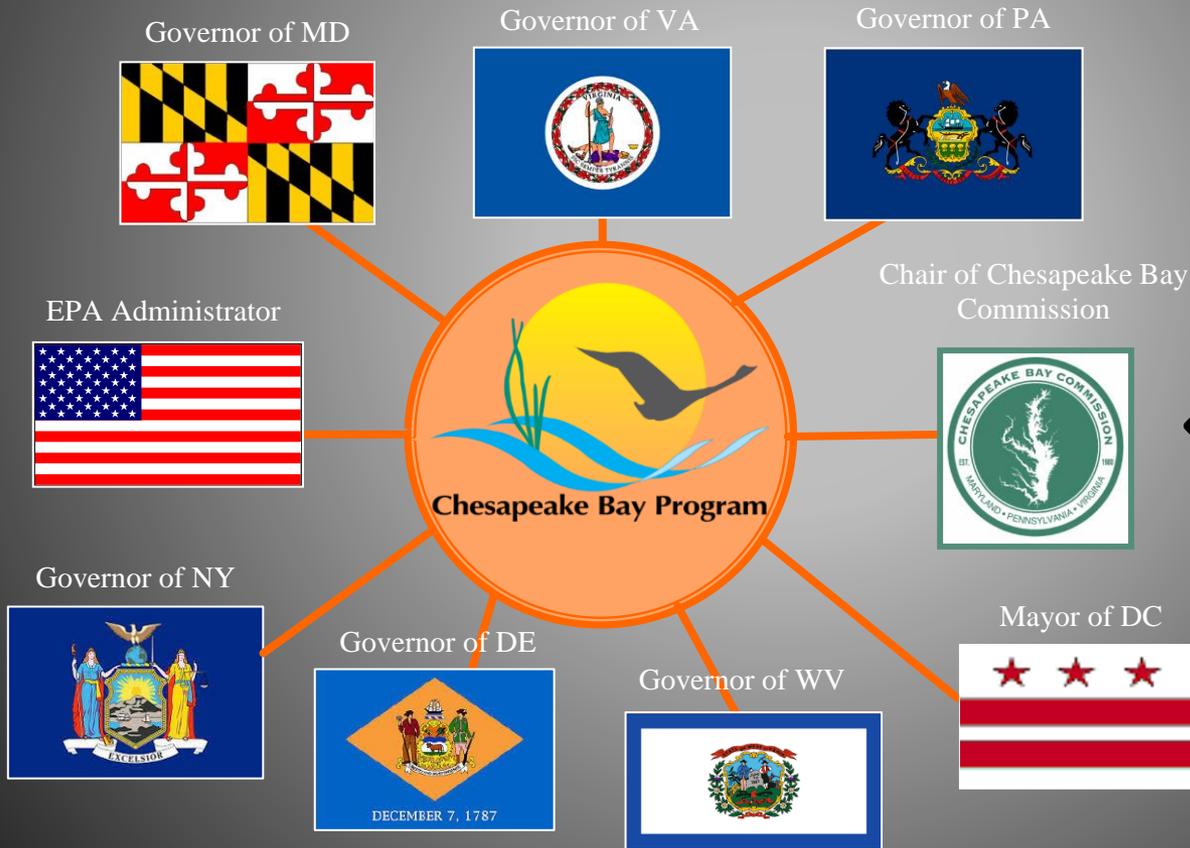
 One Governor or Cabinet Secretary

DEP Secretary McDonnell

 One citizen representative

Warren Elliott

Chesapeake Bay Program



Of all the partners, only the CBC represents the legislatures



PA and the Bay

Bay Watershed

- Half of PA land area
- 30% of the PA population
- 57% of PA farms in watershed

Pennsylvania

- 35% of the Bay watershed
- Susquehanna provides 50% of the Bay's freshwater; 43% of the nitrogen



Water Quality: Nutrients & Sediments



Chlorophyll a



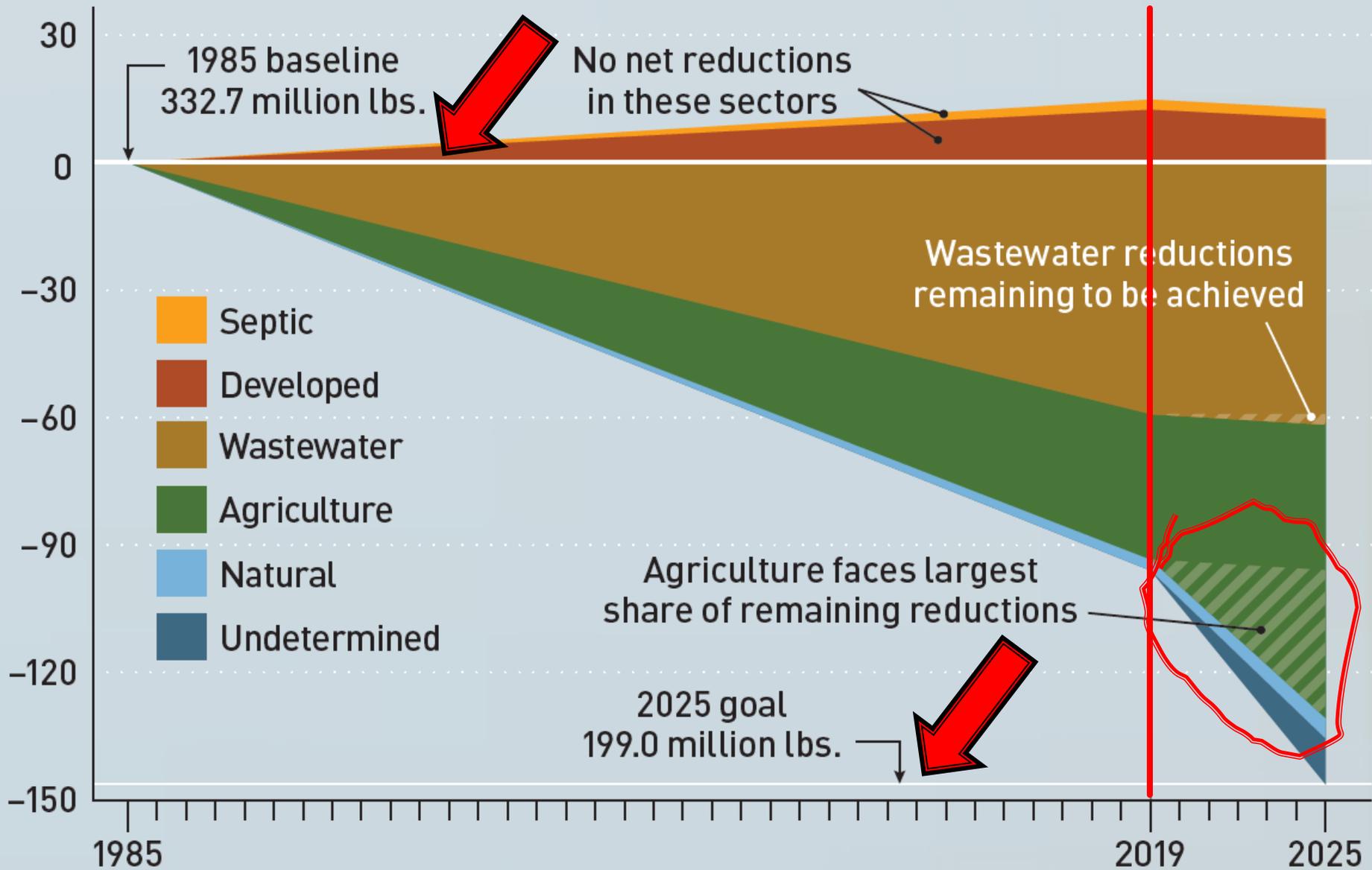
Dissolved Oxygen



Clarity

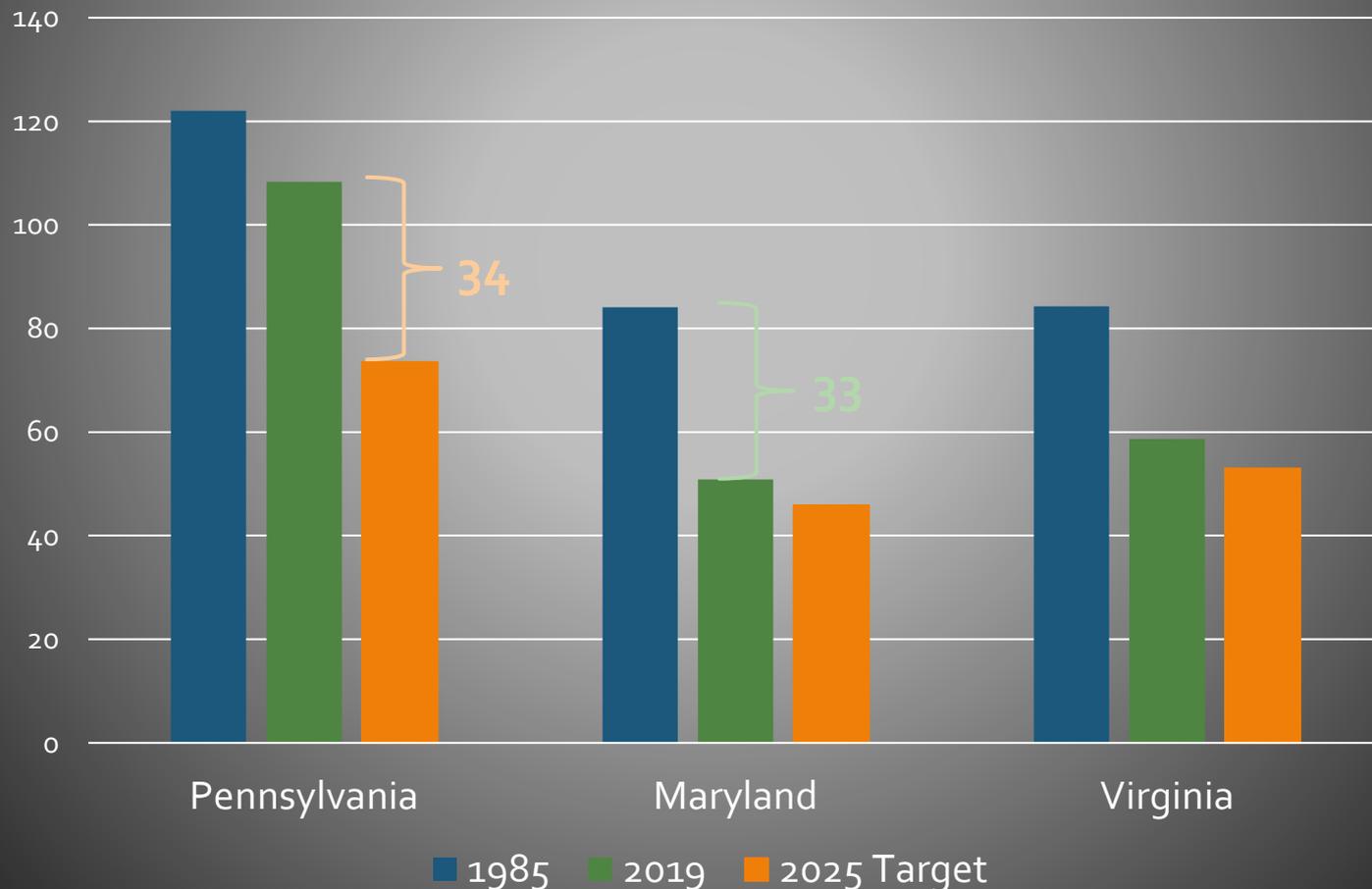
Where nitrogen reductions are coming from

CHANGE IN NITROGEN LOADINGS, MILLIONS OF POUNDS PER YEAR



N Reductions needed by 3 states

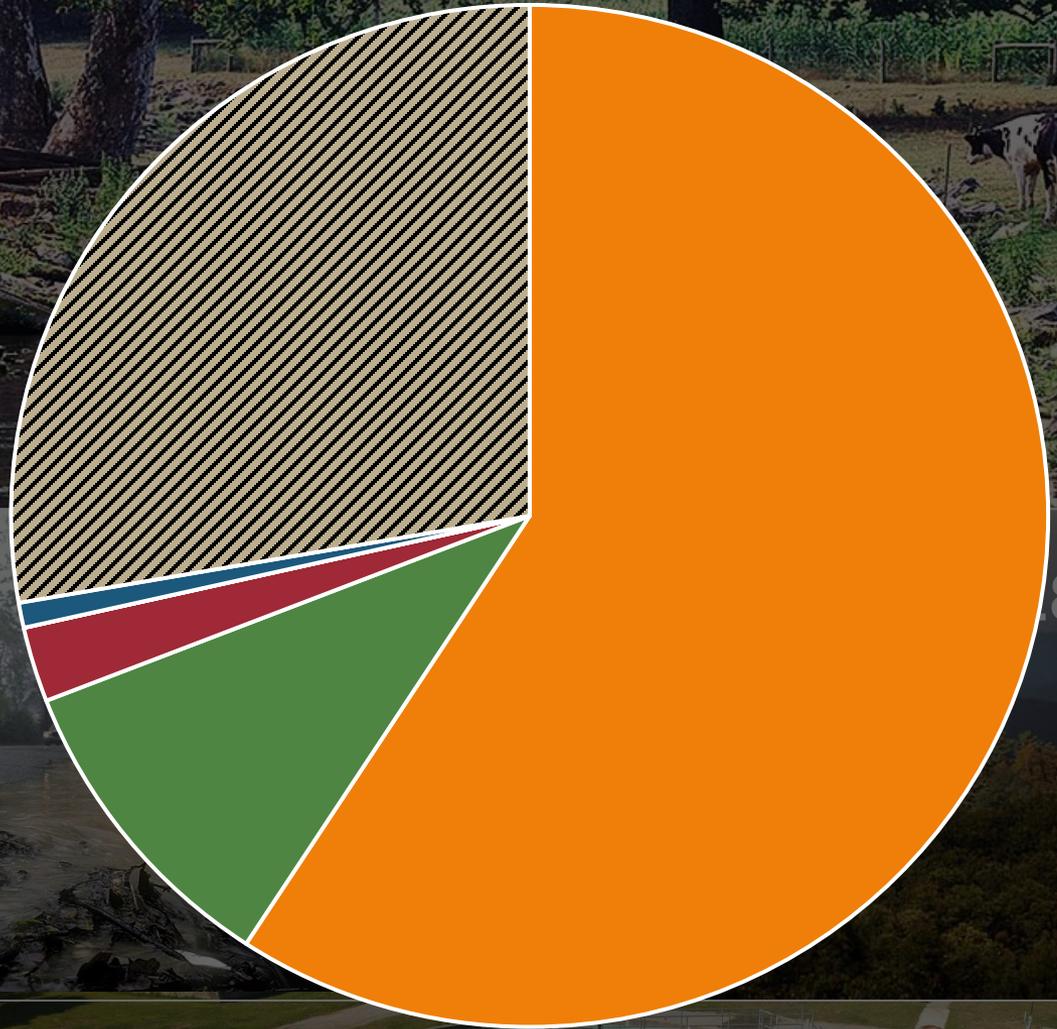
Nitrogen Loads to Chesapeake Bay (M lbs/y)



PA Sources

2019-2025

Nitrogen Reductions Expected



- Ag
- Trees
- Stormwater
- WWTP
- Air
- TBD

Resources Needed

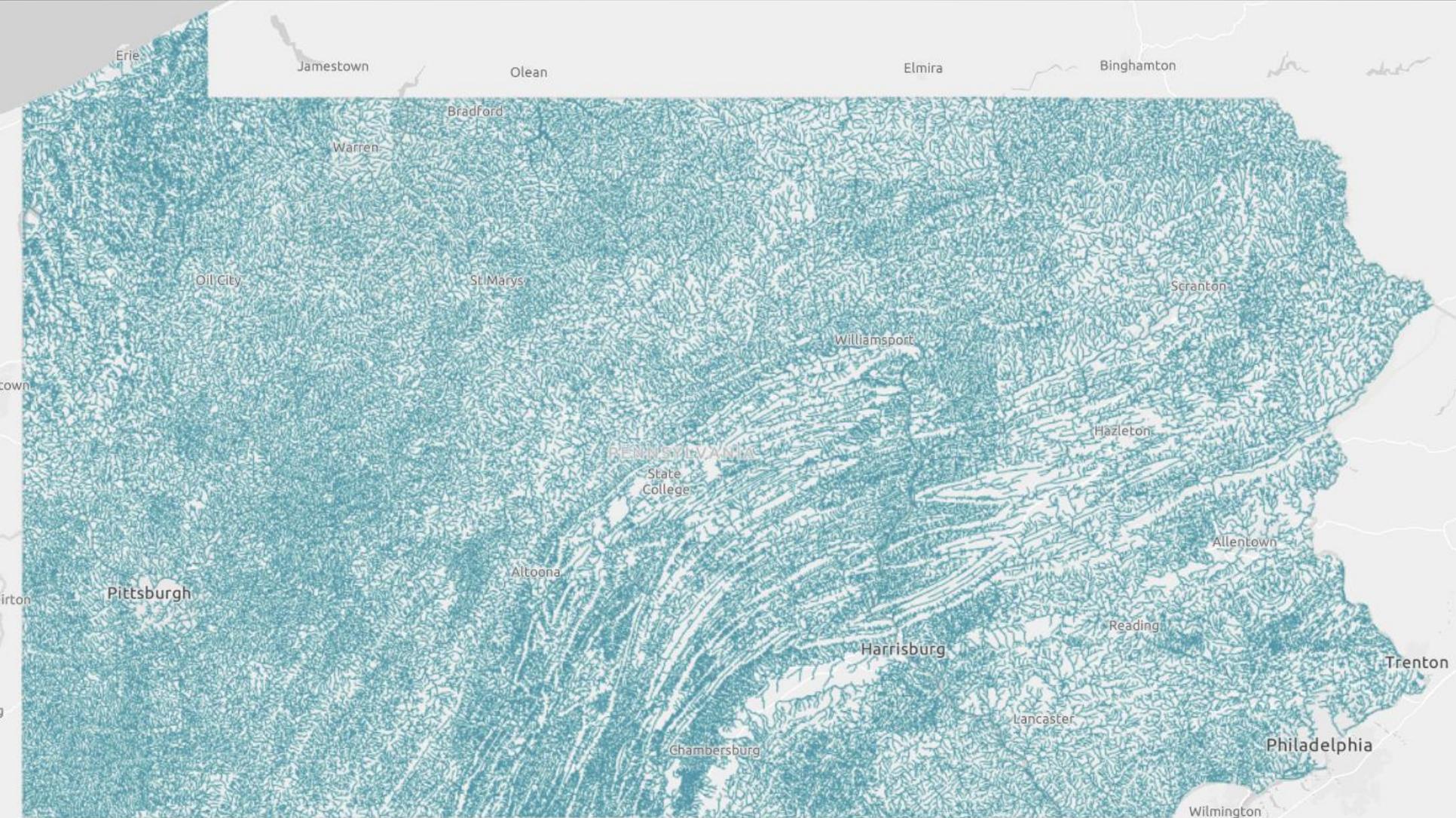
\$324 M/y
Funding Gap

- Includes
\$24M/y staff

\$100M/y focused on
4 practices would achieve
HALF of the reductions necessary

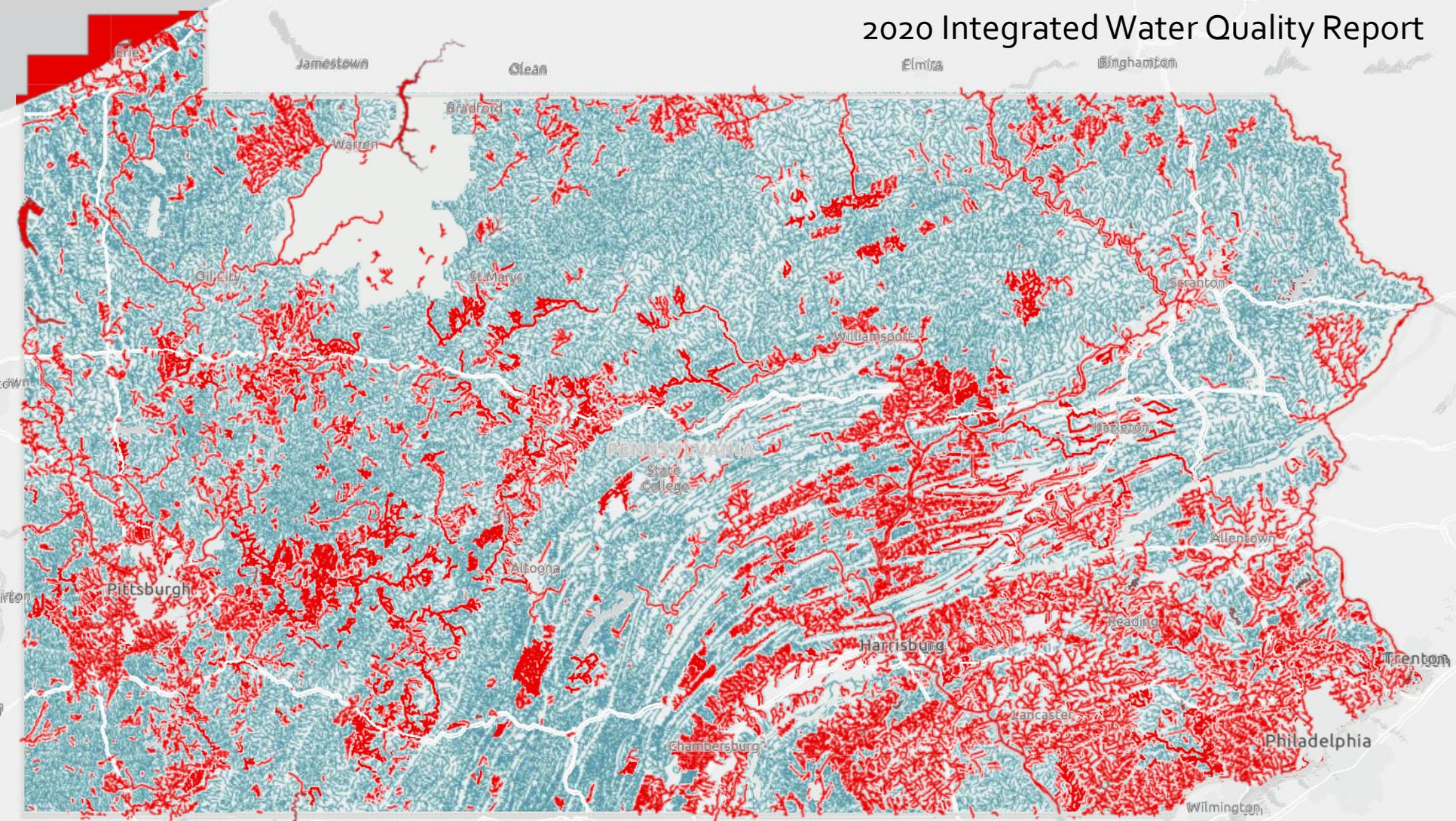
1. Ag compliance
2. Soil health
3. Forest buffers
4. Grass buffers

PA Waters



PA Impaired Waters

2020 Integrated Water Quality Report





3. Federal & State Action

Federal



CHESAPEAKE BAY COMMISSION · FEBRUARY 2021 FEDERAL AGENCY BUDGET REQUEST FISCAL YEAR 2022

SIGNIFICANT PROGRESS HAS BEEN MADE IN THE RESTORATION OF Chesapeake Bay and its 64,000-square mile watershed. Yet the pace of our work must accelerate if we are to achieve our goal — to implement the on-the-ground actions that will provide clean water. All levels of government are united in achieving

FY22 Budget Request

... **72%** of the pollutant load reductions are planned to come from the **agricultural sector**.

- **Increased USDA Conservation Technical Assistance.**
- **Targeted support to the *Susquehanna River* basin and other high-impact agricultural basins in the Bay watershed.**

three more...
As Congress begins...
Chesapeake Bay Commission...
required. We also highlight four...
accelerate our work.
...
...state legislative Commission...
...Virginia and Virginia...
...and

Virginia



2021

30-day session
January 13-
February 11

16-day Special
Session*
February 10-
February 27

- Enhanced Nutrient Removal Certainty Program established
- Tree Preservation Study
- Agricultural Tax Credits
- Stormwater Local Assistance Fund Guidelines
- Prohibition on balloon releases
- Budget

* Dates overlap

Maryland



2021

90-day session

**January 13-
April 12**

- Clean Water Commerce Reauthorization
- Climate Solutions Act
- Trees in Underserved Communities
- State Revolving Loan Fund Expansion
- PFAS Prohibitions and Requirements
- Stormwater Regulation Updates
- Budget

Pennsylvania



- Dedicated Water Fund (co-sponsor memo)
 - “Non-point source” mitigation
- Nutrient Procurement Bill (SB 475)
- Agricultural Cost-Share Bill (SB 465)
- Fertilizer Bill (SB 251)

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