



**pennsylvania**

DEPARTMENT OF ENVIRONMENTAL  
PROTECTION



Chesapeake Bay Program Office

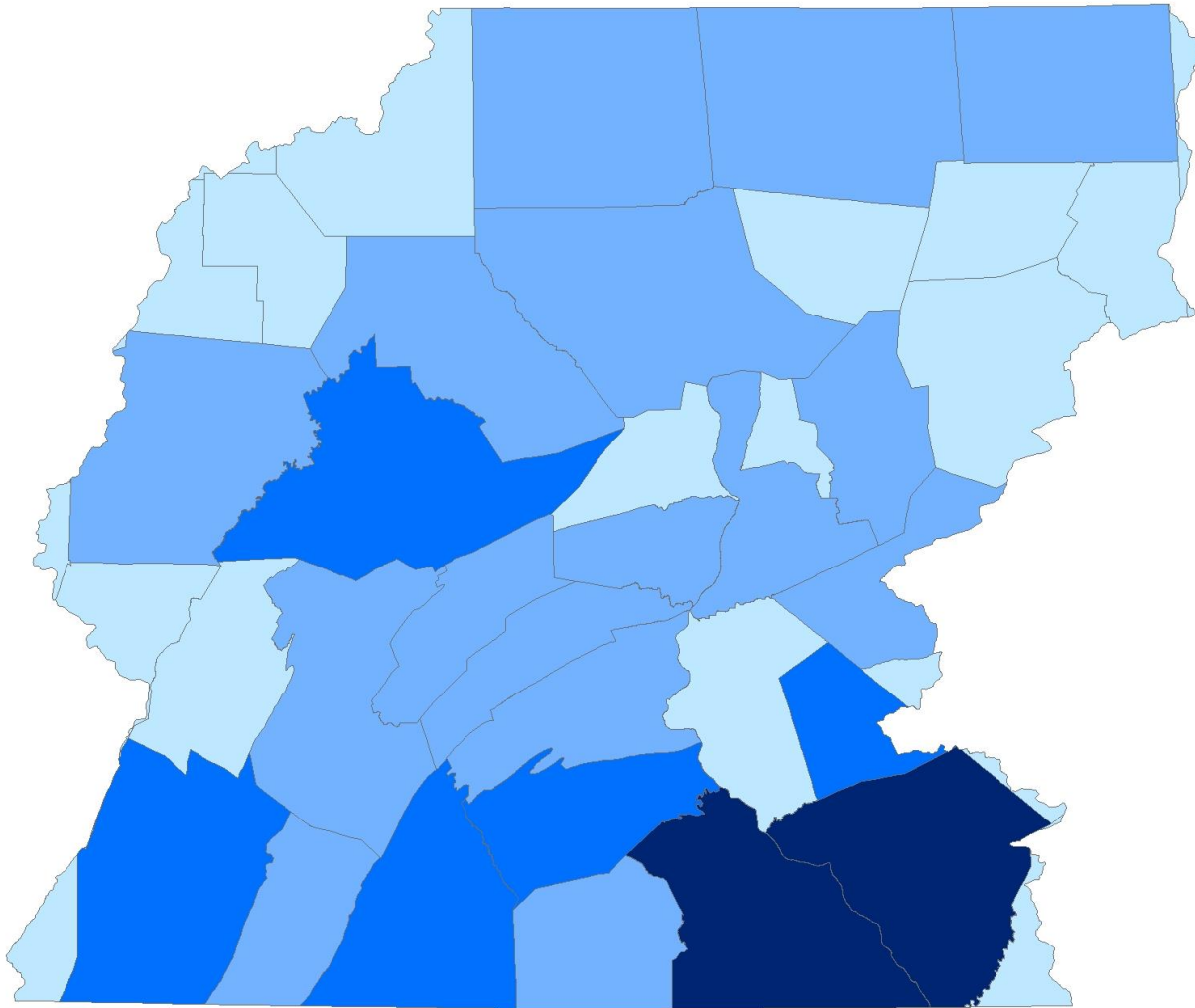
# Pennsylvania's Phase 3 Watershed Implementation Plan Funding and Capacity

*Healthy Waters, Healthy Communities*

Tom Wolf, Governor

Patrick McDonnell, Secretary

# Where Should Efforts be Targeted?



Tier 1 - First 25% of Reductions



Tier 2 - Second 25% of Reductions



Tier 3 - Third 25% of Reductions



Tier 4 - Last 25% of Reductions

# Priority Practices and Funding Gap

Priority Initiative	Annual Cost (in millions)	Nitrogen Reduction	Phosphorus Reduction
Agricultural Compliance	\$33.1	14%	12%
Soil Health	\$32.9	14%	14%
Forest Buffers	\$28.1	16%	49%
Grass Buffers	\$3.3	8%	37%
<b>TOTAL</b>	<b>\$97.7</b>	<b>50%</b>	<b>86%</b>

	Number		Cost	
	Existing	New	Existing	New
Agriculture (Agency Resources – Full Time Equivalents)	19.5	12.5	\$2,272,962	\$1,432,814
Agriculture (Conservation District Resources – Full Time Equivalents)	87	60	\$7,736,000	\$5,400,500
Forestry (Agency Resources – Full Time Equivalents)	8.25	32	\$717,613	\$2,474,512
Forestry (Conservation District Resources – Full Time Equivalents)	5	20	\$390,000	\$1,562,400
<b>TOTAL</b>	<b>119.75</b>	<b>125.5</b>	<b>\$11,116,575</b>	<b>\$10,870,226</b>

# Best Management Practice (BMP) Verification

- Ensure continued operation and maintenance of implemented BMPs
  - On-site inspections/evaluations
  - Surveys – self-reported, transect, remote sensing, etc.
    - Percentage of surveys completed required to have on-site evaluation
- Staff and Resource Intensive
  - Staff needed to follow-up on implemented BMPs
  - BMPs put in place due to permitting and/or other regulatory requirements that are not operated and maintained properly may lead to issues with non-compliance





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Clean water:  
Great for PA  
Good for the Bay