

Chesapeake Bay and Virginia Waters Clean-Up Plan

Presented to
Regional Environmental Committee

Whitney Katchmark
Principal Water Resources Engineer
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Report Scope

- Sect. 62.1-44.118 Code of Virginia requires Secretary of Natural Resources to submit this progress report to General Assembly

Summarizes data and information from:

- Annual Report on Water Quality Improvement Fund (WQIF)
- Cooperative Nonpoint Source Pollution Programs
- Annual Funding Needs for Effective Implementation of Agricultural Best Management Practices



WQIF and Nonpoint

- WQIF Point Source Program – DEQ has 67 agreements obligated \$744M in state grants for nutrient reduction technology.
- Grants have 35%-90% cost-share.
- FY14 - \$21M agricultural cost-share funds to Soil Water Conservation Districts
- \$19M of \$21M went to farmers for BMP implementation



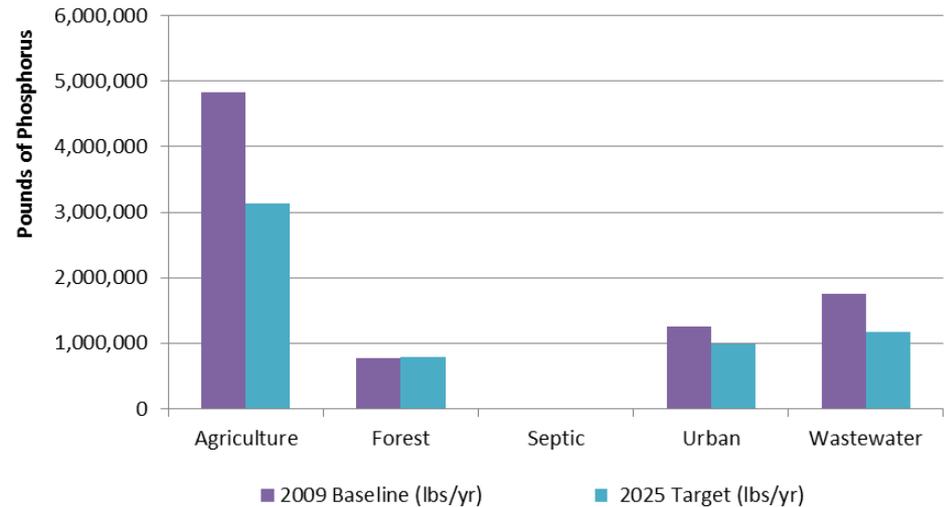
Virginia Load Reductions by Sector

Nitrogen Loads by Source Sector



FY14 funded BMPs result in reductions of 3,200,000 lb Nitrogen

Phosphorus Loads by Source Sector



FY14 funded BMPs result in reductions of 743,000 lb Phosphorus



Future Ag Needs

- FY16-21, estimate \$1.55B may be required from state and federal funds as well as farmers' contributions to meet 2025 goals.
- Detailed Funding schedule for FY16-18 = \$334M.
- “schedule will not provide the estimated funding necessary to achieve 60% of Chesapeake Bay agricultural implementation by 2017”
- 2017 goal will be met by over-achievement in other sectors, specifically wastewater treatment plants



Urban Needs

- SLAF projects combined, once constructed, will remove a total of 7,374 pounds of total phosphorous annually.
- SLAF projects were allocated \$29M.
- No state-wide cost estimate for Urban sector



Potential Analysis

- Get more details on Ag costs verses Urban costs in front of Virginia's Stakeholder Advisory Group.
- Do these stats tell whole story?
 - ❑ **Ag: \$21M for 743,000 pounds of phosphorus**
 - ❑ **Urban: \$29M for 7,374 pounds of phosphorous.**
- Maybe pursue state-wide cost estimate for Urban sector.

