

Watershed Implementation Plan (WIP) Update

CHESAPEAKE BAY PDC LOCALITY IMPLEMENTATION PROGRAM

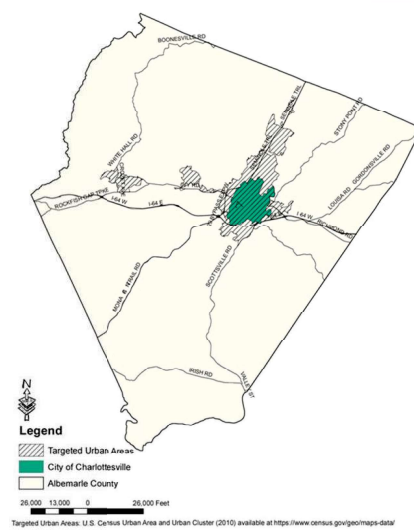
Background

- December 29, 2010, EPA established the Chesapeake Bay Total Daily Maximum Load (TMDL), a comprehensive pollution diet for the 64,000 square mile watershed.
- A TMDL is a planning tool that provides a calculated maximum amount of a particular pollutant a body of water can receive and still meet water quality standards determined by EPA
- Following TMDL development, water monitoring data continued to show poor water quality, degraded habitats, and low populations of fish and shellfish
- A four-part accountability framework was developed to help meet water quality, climate resiliency, sustainable fisheries, vital habitats and other goals
 - *Watershed Implementation Plans developed by Bay Jurisdictions*
 - *Two-year milestones to break WIPs into segments*
 - *EPA's progress tracking*
 - *EPA's commitment to take federal actions to ensure progress is made*



2024 Scope

- \$58,000 from DEQ and \$14,500 Local Match since 2018
- Successes:
 - Rain Barrel Workshops in Charlottesville, Albemarle, and Nelson Counties
 - Local Septic Repair and Pump Out Projects reported to the Chesapeake Bay Model
 - Updated [Grant Matrix](#): 28 Watershed Improvement Grants
 - Stewardship Mapping and Assessment Project
 - Partnerships with RCA, Middle James Roundtable, York River Roundtable, Resilient Together, Rivanna Stormwater Education Partnership and Friends of the Rappahannock to build capacity and increase best management practice implementation



With 2025 Chesapeake Bay goal out of reach, region plans for what's next

Karl Blankenship Oct. 7, 2022  5

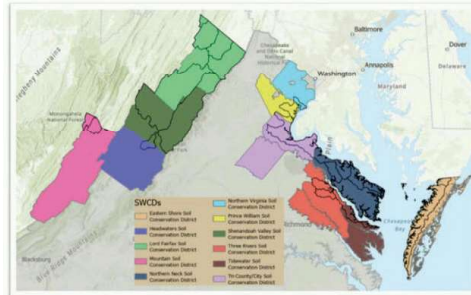
40 YEARS OF CHESAPEAKE BAY RESTORATION: WHERE WE FAILED AND HOW TO CHANGE COURSE

by Jon A. Mueller

Jon A. Mueller is a visiting associate professor at the University of Maryland Carey School of Law. He previously served as Vice President for Litigation at the Chesapeake Bay Foundation.

DEQ Updates

Infrastructure, Investment, and Jobs Act (IIJA)



- **\$3.1M** in Year 1 (Agricultural BMPs, VDH Septic)
- **\$3.6M** in Year 2 (Primarily PDCs)
- **~\$3M** in Year 3 (CY 2025)
- expected annually for 5 years
- Year 2, 2024 Agreements
 - **8 PDCs**
 - Agreement Timeline

Virginia Priorities –
MEB Expansion

DEQ

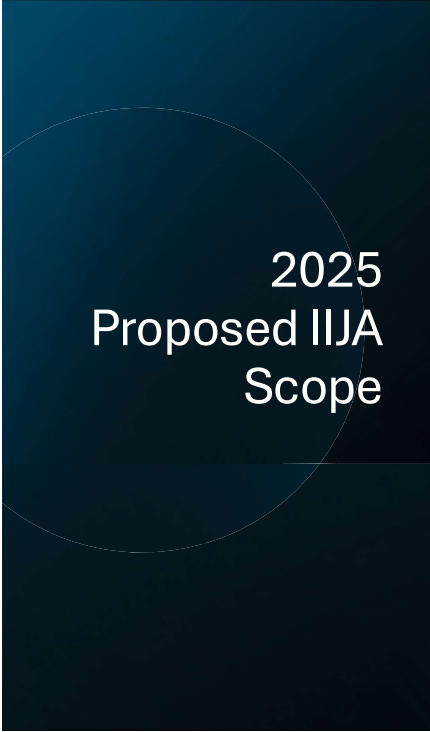
Funding Examples

IIJA Projects - Year 2

- **Accomack-Norhampton PDC** - three new septic installations through VHD Septic Well and Assistance Program
- **Central Shenandoah Valley PDC** - City of Waynesboro Tree Planting and Meadow Installation
- **Crater PDC** - Tree Planting project in City of Hopewell
- **Hampton Roads PDC** - Permeable Paver Parking lot and bioretention at the PDC office
- **Middle Peninsula PDC** - Living Shoreline Installations through "Fight the Flood" program
- **Northern Shenandoah Valley PDC** - 110 septic pump outs
- **Roanoke Valley Alleghany RC** - Pilot Septic Pump Out for 35 pump outs
- **George Washington RC** - Identify, design, install, and verify (at minimum) 3-5 BMPs on private property, 5 BMPs on public property, 1 acre of urban tree canopy

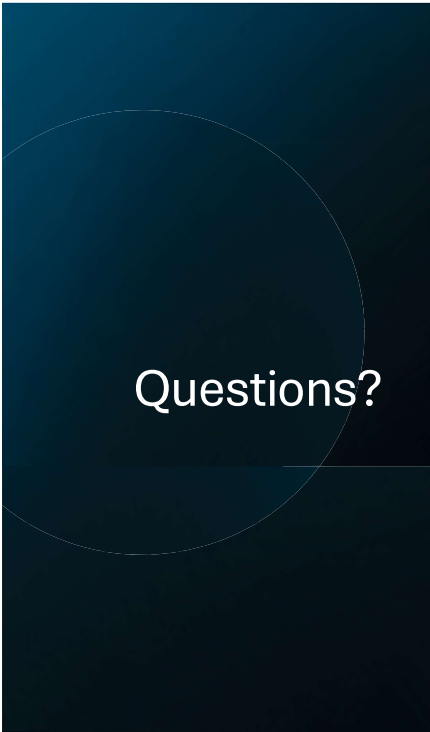
lan, Maura (DEQ)

DEQ



2025 Proposed IIJA Scope

- TJPDC Pilot Septic Program
 - \$60,000
- Rain Barrel Workshops
 - \$15,000
- Greene County Streambank Restoration
 - \$75,000



Questions?

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