



Chesapeake Bay Most Effective Basins in Pennsylvania

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- U.S. Environmental Protection Agency
- Altria

ABOUT NFWF

Chartered by Congress in 1984, the National Fish and Wildlife Foundation (NFWF) protects and restores the nation's fish, wildlife, plants and habitats. Working with federal, corporate and individual partners, NFWF has funded more than 6,000 organizations and generated a total conservation impact of \$8.1 billion.

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A riparian buffer built to reduce pollution entering freshwater streams in Lancaster County, Pennsylvania

OVERVIEW

The National Fish and Wildlife Foundation (NFWF) and the U.S. Environmental Protection Agency announced a 2023 round of funding for Pennsylvania Most Effective Basins (MEB) projects. Four (4) new or continuing grants supporting the implementation of nitrogen reduction best management practices totaling over \$3.3 million were awarded. The four awards announced generated over \$3.8 million in matching contributions from the grantees, providing a total conservation impact of more than \$7.1 million.

The Chesapeake Bay Stewardship Fund's Pennsylvania Most Effective Basins (MEB) is designated to assist the Commonwealth of Pennsylvania in meeting its 2025 water quality goals for the agricultural sector under the Chesapeake Bay Total Maximum Daily Load (TMDL) and Pennsylvania's Phase III Watershed Implementation Plan (WIP). The program prioritizes projects that accelerate voluntary implementation in selected basins of the Chesapeake Bay watershed of Pennsylvania.

(continued)



A dairy farm with a riparian buffer

Cost-Effectively Reducing Nitrogen Loading by Establishing a Flexible Funding Model (PA)

Grantee: Lancaster Clean Water Partners
 Grant Amount:.....\$1,000,000
 Matching Funds:..... \$0
 Total Project:\$1,000,000

Establish a funding model to increase the speed of project implementation to cost effectively reduce nitrogen loading. Project will result in conservation outcomes of nutrient and sediment reductions to improve water quality, as well as farm management co-benefits by improving operational efficiencies and reducing out-of-pocket costs of farmers.

Leveraging Partnerships and Funding for Cost-Effective Water Quality Improvements (PA)

Grantee: Alliance for the Chesapeake Bay
 Grant Amount:.....\$1,000,000
 Matching Funds:.....\$1,615,000
 Total Project:\$2,615,000

Implement over 40 best management practices across 11 farms to reduce nitrogen runoff by over 47,100 pounds a year. Project will result in improved riparian forest buffers, and improved management of manure, crop fields and loafing lot areas.

Protecting High Usage Areas in Priority Watersheds in Huntingdon (PA)

Grantee: Huntingdon County Conservation District
 Grant Amount:..... \$887,900
 Matching Funds:.....\$90,000
 Total Project: \$977,900

Partner with two farms to plan and implement agricultural best management practices on the properties. Project will significantly reduce the farms nutrient and sediment pollution into Saddler Creek and into Crooked Creek, smaller creeks part of the broader Chesapeake Bay watershed.

Using Collaborative Funding to Effectively Reducing Nitrogen on Preserved Farms in the Pequea Creek Watershed (PA)

Grantee: Lancaster Farmland Trust
 Grant Amount:..... \$412,400
 Matching Funds:.....\$2,097,500
 Total Project:\$2,509,900

Reduce nitrogen flowing into the Chesapeake Bay through the implementation of agricultural and stream best management practices on 10 preserved farms in the Pequea Creek watershed. Project will assist the farmers in updating their conservation plans to include the recommended BMPs, secure design and engineering for each project, and hire contractors to implement these impactful best management practices.