



Chesapeake Bay Most Effective Basins in Pennsylvania

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FUNDING PARTNER

- U.S. Environmental Protection Agency
- Chesapeake Bay Program

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 \$7.4 billion.

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A riparian buffer at a dairy farm in Pennsylvania

OVERVIEW

The National Fish and Wildlife Foundation (NFWF) and U.S. Environmental Protection Agency announced a 2022 round of funding for Pennsylvania's Most Effective Basins projects. Eight new or continuing grants supporting the implementation of nitrogen reduction best-management practice totaling \$6.3 million were awarded. The eight awards announced generated nearly \$5.9 million in match from the grantees, providing a total conservation impact of more than \$12.2 million.

The intent of the Pennsylvania Most Effective Basins program is to assist the Commonwealth of Pennsylvania in achieving 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).

(continued)

Accelerating Conservation BMP Implementation Through the Corporate Partnership Model (PA)

Grantee: Alliance for the Chesapeake Bay

Grant Amount:.....\$1,000,000
 Matching Funds:..... \$450,000
 Total Project Amount:.....\$1,450,000

Partner with corporations to implement best management practices on the Pennsylvania dairy farms that supply their milk. Project will reduce agricultural nitrogen loads and improve water quality through implementation of targeted agricultural and forest best management practices.

Creating Enrollment Incentives to Establish Grass Buffers (PA)

Grantee: Pheasants Forever

Grant Amount:..... \$537,800
 Matching Funds:..... \$627,900
 Total Project Amount:.....\$1,165,700

Incentivize enrollment in existing grass buffer programs on farms in Pennsylvania. Project will reduce agricultural nutrient loading and create grassland wildlife habitat within the Chesapeake Bay Watershed.

Implementation of Nitrogen Reduction Best Management Practices in Chesapeake Bay Headwaters (PA)

Grantee: Berks County Conservation District

Grant Amount:..... \$868,100
 Matching Funds:.....\$1,776,200
 Total Project Amount:.....\$2,644,300

Provide financial support to agricultural producers for cropland conservation practices such as single and multi-species cover crops, manure injection, split rate nitrogen applications and nutrient management planning in Berks County, Pennsylvania. Project will implement agricultural conservation practices to reduce nitrogen pollution in the Chesapeake Bay Watershed.

Implementing Agricultural Best Management Practices in the Lower Conestoga River Watershed (PA)

Grantee: Lancaster Farmland Trust

Grant Amount:..... \$500,000
 Matching Funds:..... \$100,000
 Total Project Amount:..... \$600,000

Implement barnyard, manure-handling and stream best management practices on a farm in the Lower Conestoga River Watershed. Project will significantly reduce nitrogen, phosphorous and sediment pollution flowing into Stauffer Run, an impaired stream and a priority catchment area for Lancaster County's Countywide Action Plan.

Implementing Comprehensive Agricultural Conservation Practices in Lancaster County (PA)

Grantee: TeamAg

Grant Amount:.....\$1,000,000
 Matching Funds:.....\$1,920,000
 Total Project Amount:.....\$2,920,000

Implement comprehensive agricultural conservation practices needed to achieve stream delisting and Chesapeake Bay restoration on agricultural lands in priority watersheds across Lancaster County. Project will align limited resources towards delisting streams on an accelerated timeframe in catchments with the highest potential for delisting, reducing nitrogen loading by over 38,800 pounds per year.

Improving Manure and Nutrient Management in Pennsylvania's Most-Effective Basins (PA)

Grantee: Sustainable Chesapeake

Grant Amount:..... \$999,900
 Matching Funds:..... \$950,000
 Total Project Amount:.....1,949,900

Reduce nitrogen loss in Pennsylvania's Most-Effective Basins through improved manure and fertilizer management practices that benefit both farm profit and water quality. Project will work with agribusiness partners to expand adoption of liquid manure injection and precision nitrogen management on farms in Pennsylvania's Most-Effective Basins with a priority for farms located in countywide action plan priority watersheds, reducing nitrogen loading by 40,908 lbs per year.

Increasing Nitrogen Reductions with Riparian Buffers and Agricultural Best Management Practices (PA)

Grantee: Alliance for the Chesapeake Bay

Grant Amount:.....\$1,000,000
 Matching Funds:.....N/A
 Total Project Amount:.....\$1,000,000

Install best management practices to achieve agricultural nitrogen load reduction on farms in three counties of Pennsylvania. Project will implement riparian forest and grass buffers, livestock exclusion fencing and barnyard practices to reduce nitrogen runoff by over 37,900 pounds per year.

Using Data to Advance the Lancaster Countywide Action Plan (PA)

Grantee: Lancaster County Conservation District

Grant Amount:..... \$454,900
 Matching Funds:.....\$40,000
 Total Project Amount:.....494,900

Advance the Lancaster Countywide Action Plan (CAP) by employing a Data Manager and a Verification Coordinator to collaboratively manage data from municipalities, District staff, partnering organizations and technical service providers. Project will spur momentum for verification of practices and data management to more accurately track progress in Lancaster County, a priority area for meeting Chesapeake Bay nutrient reduction goals.