Chesapeake Innovative Nutrient and Sediment Reduction Grants Program

NFWF CONTACTS

Jake Reilly
Program Director
Chesapeake Bay Stewardship Fund
jake.reilly@nfwf.org
202-595-2610

Tori Sullens
Program Manager
Chesapeake Bay Stewardship Fund
tori.sullens@nfwf.org
202-888-1656

Rose Keyathe
Program Coordinator
rose.keyathe@nfwf.org
771-208-2234

FUNDING PARTNER

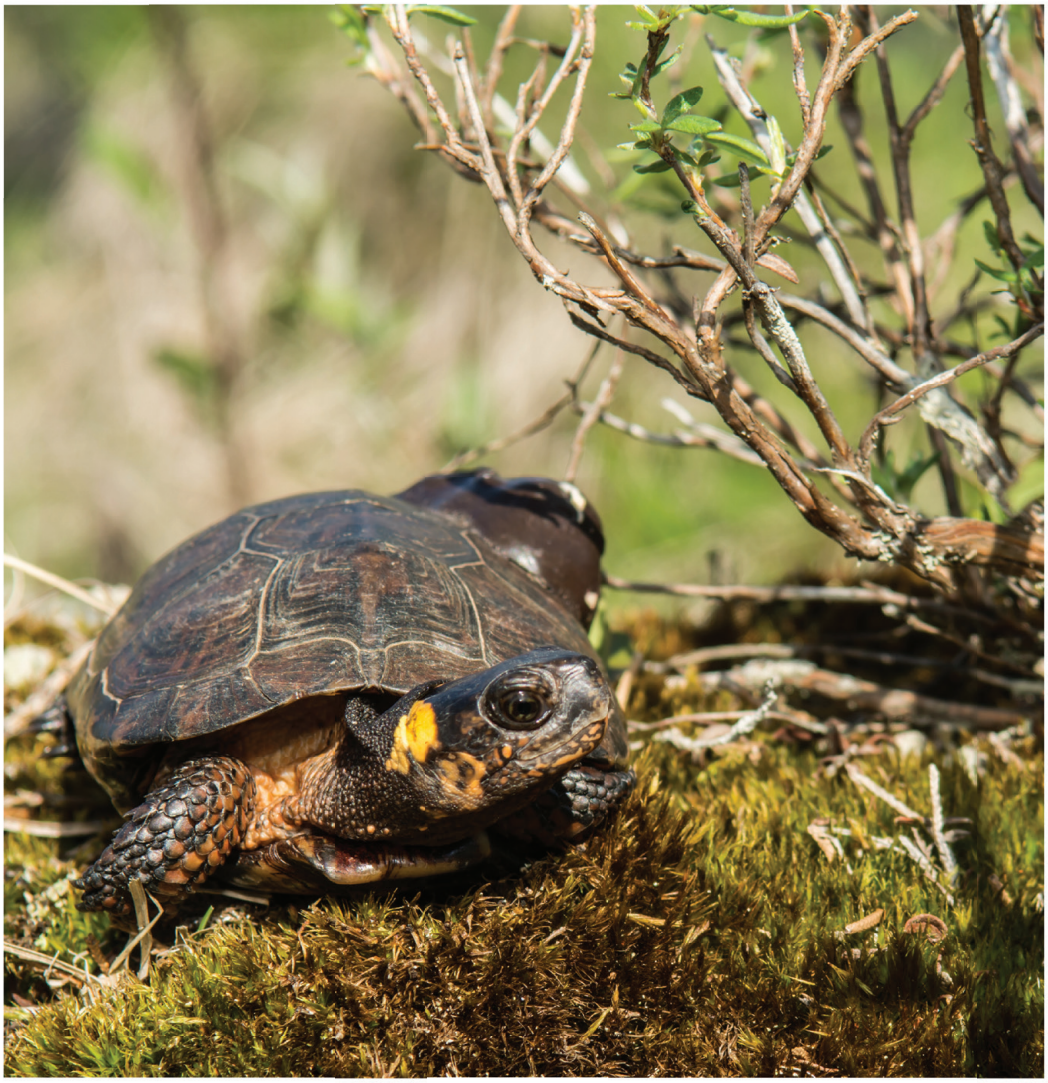
- U.S. Environmental Protection Agency

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 6,800 organizations and generated a total conservation impact of more than $10 billion. NFWF is an equal opportunity provider.

Learn more at **www.nfwf.org**

NATIONAL HEADQUARTERS
1625 Eye Street, NW
Suite 300
Washington, D.C., 20006
202-857-0166



Bog turtle

OVERVIEW

The National Fish and Wildlife Foundation (NFWF) and U.S. Environmental Protection Agency (EPA) announced a 2023 round of funding for Innovative Nutrient and Sediment Reduction projects. Seventeen new or continuing water quality grants totaling more than $16 million were awarded. The 17 awards announced leveraged $20.8 Million in match from the grantees, providing a total conservation impact of $36.8 million.

The Chesapeake Bay Stewardship Fund's Innovative Nutrient and Sediment Reduction aims to accelerate the implementation of water quality improvements specifically through the collaborative and coordinated efforts of sustainable, regional-scale partnerships and networks of practitioners with a shared focus on water quality restoration and protection.

(continued)

Accelerating Living Shoreline Implementation on Agricultural Properties in Charles City County (VA)
Grantee: Colonial Soil and Water Conservation District
Grant Amount:. $999,500
Matching Funds:. $1,200,000
Total Project Amount:. $2,199,500
Utilize funding to address and overcome barriers previous agricultural living shoreline projects have encountered and leverage other sources of funding to further accelerate agricultural living shoreline construction. Project will install approximately 5,200 linear feet of living shorelines on agricultural properties along the James River in Charles City County to improve shoreline stabilization, prevent water quality degradation in the Chesapeake Bay and prevent property loss.

Accelerating Riparian Forest Restoration and Community Forestry Programs in Central Pennsylvania
Grantee: Western Pennsylvania Conservancy
Grant Amount:. $1,000,000
Matching Funds:. $389,000
Total Project Amount:. $1,389,000
Accelerate the scale and rate of nutrient and sediment reductions in the headwaters of the Chesapeake Bay through restoration of riparian forest buffers, urban and community forestry programs, and community and local government engagement. Project will install 75 acres of riparian forest buffers in the Juniata, Potomac and West Branch Susquehanna watersheds and plant 300 urban trees in and around Altoona Hollidaysburg.

Advancing Habitat Restoration Through the Delmarva Restoration and Conservation Network (DE, MD, VA)
Grantee: Lower Shore Land Trust
Grant Amount:. $1,000,000
Matching Funds:. $1,609,000
Total Project Amount:. $2,609,000
Expand the capacity of the Delmarva Restoration and Conservation Network to build long-term sustainability of the partnership and to effectively accelerate restoration and conservation practices in the Chesapeake Bay watershed portion of the Delmarva Peninsula. Project will utilize an incentive program and deliver landowner assistance services and technical support to implement 160 acres of wetland and buffer practices.

Advancing Soil Health Partnerships and Implementation Tools in Pennsylvania
Grantee: Stroud Water Research Center
Grant Amount:. $1,000,000
Matching Funds:. $1,000,000
Total Project Amount:. $2,000,000
Expand adoption of soil health practices to reduce nutrient and sediment loss from agricultural fields, improve nitrogen use efficiency, improve farm resiliency and profitability, and more accurately document cover crop and no-till practices within the Pennsylvania portion of Chesapeake Bay watershed. Project will expand adoption and improve tracking of more than 40,000 acres of conservation tillage, cover crop, and enhanced nutrient management practices.

Advancing Water Quality Improvements Through the Virginia Soil Health Coalition
Grantee: Virginia Polytechnic Institute and State University
Grant Amount: $1,000,000
Matching Funds: $1,000,000
Total Project Amount: $2,000,000
Build on existing collaborative capacity and partnerships to accelerate adoption of agricultural conservation practices that improve soil health and water quality across Virginia. Project will expand adoption of 21,000 acres of conservation tillage, cover cropping and managed grazing practices.

Building Community Partnerships to Inform Green Infrastructure Improvements in Harrisburg Parks (PA)
Grantee: Capital Region Water
Grant Amount: $1,000,000
Matching Funds: $300,000
Total Project Amount: $1,300,000
Implement an inclusive, community driven approach to design and construct a highly visible green stormwater infrastructure project in one of Harrisburg's largest and busiest parks and enhance understanding among residents of the function and benefit of watershed improvements in their neighborhoods. Project will improve stormwater runoff management for approximately 19.5 acres of downtown Harrisburg.

Building a Watershed Conservation Corps to Accelerate Habitat Protection and Restoration in Virginia
Grantee: Conservation Legacy
Grant Amount: $1,000,000
Matching Funds: $0
Total Project Amount: $1,000,000
Design and implement a watershed conservation and restoration corps to conserve, protect and restore water quality and habitats of the Chesapeake Bay and its tributary rivers and streams, including the James, Shenandoah, and Rappahannock River watersheds. Project will restore 70 acres of riparian forest buffer on agricultural and non-urban lands.

Delaware Community Conservation Assistance for Urban Nutrient and Sediment Reduction Practices
Grantee: Delaware Department of Natural Resources
Grant Amount: $1,000,000
Matching Funds: $136,500
Total Project Amount: $1,136,500
Implement a Delaware Community Conservation Assistance Program to implement urban best management practices identified in the Delaware's Phase III Watershed Implementation Plan. Project will result in stormwater management practices treating 171 urban acres and 50 acres of new urban nutrient management.

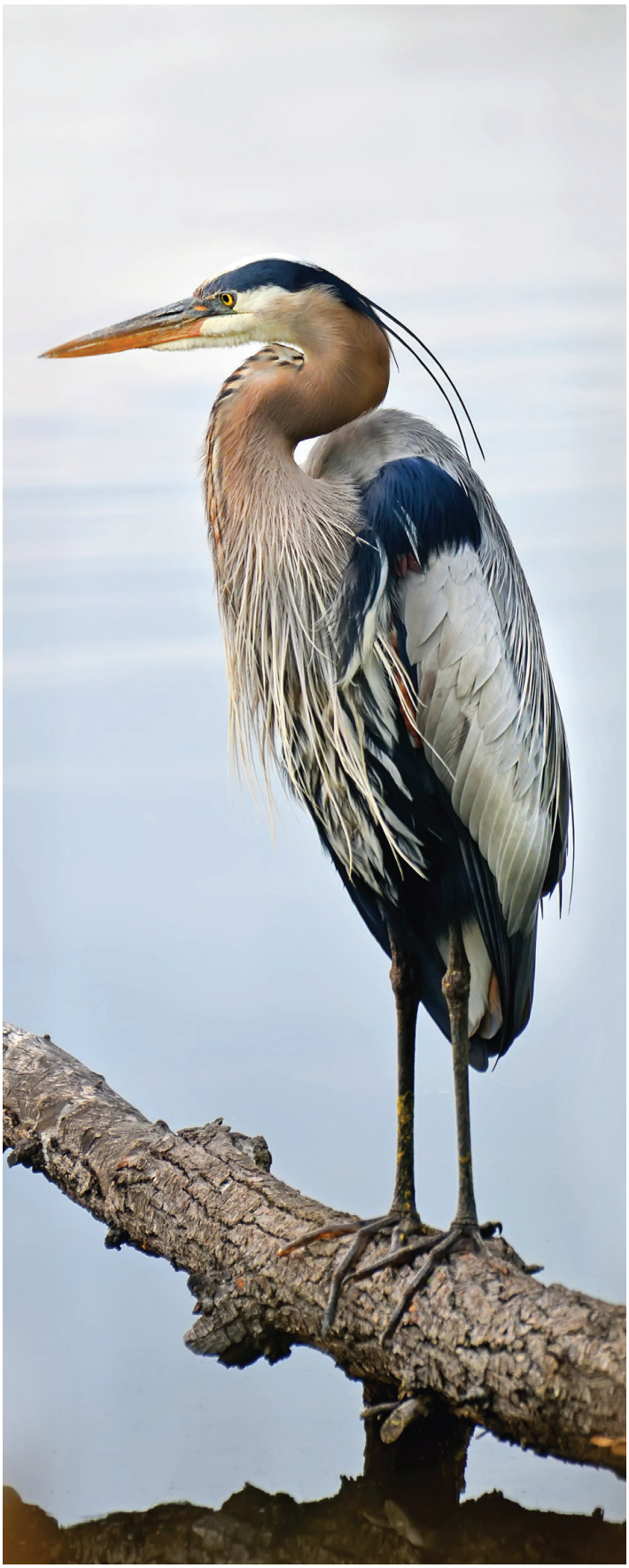
(continued)

Deploying Innovative Financing Models to Accelerate Water Quality Improvements (VA)
Grantee: Conservation Innovation Fund
Grant Amount: $1,000,000
Matching Funds:. $1,277,800
Total Project Amount:. $2,277,800
Utilize novel financing packages to implement watershed restoration practices and develop quantified "environmental units" of pollution reduction and sequestered carbon that can be marketed to state, municipal and corporate entities to achieve voluntary and regulatory sustainability targets. Project will result in 1,000 miles of livestock exclusion fencing, 127,500 acres of best management practices and 10,000 acres of cover crop implementation.

Expanding Living Shoreline Cost Share Programs on the James River (VA)
Grantee: James River Association
Grant Amount: $996,300
Matching Funds:. $152,500
Total Project Amount:. $1,148,800
Increase the number of living shorelines through the James River Living Shoreline Cost Share Program in the Lower James River watershed of Virginia through design and construction, improved financial and technical support, and community engagement efforts. Project will result in design and construction of 3,600 linear feet of living shorelines.

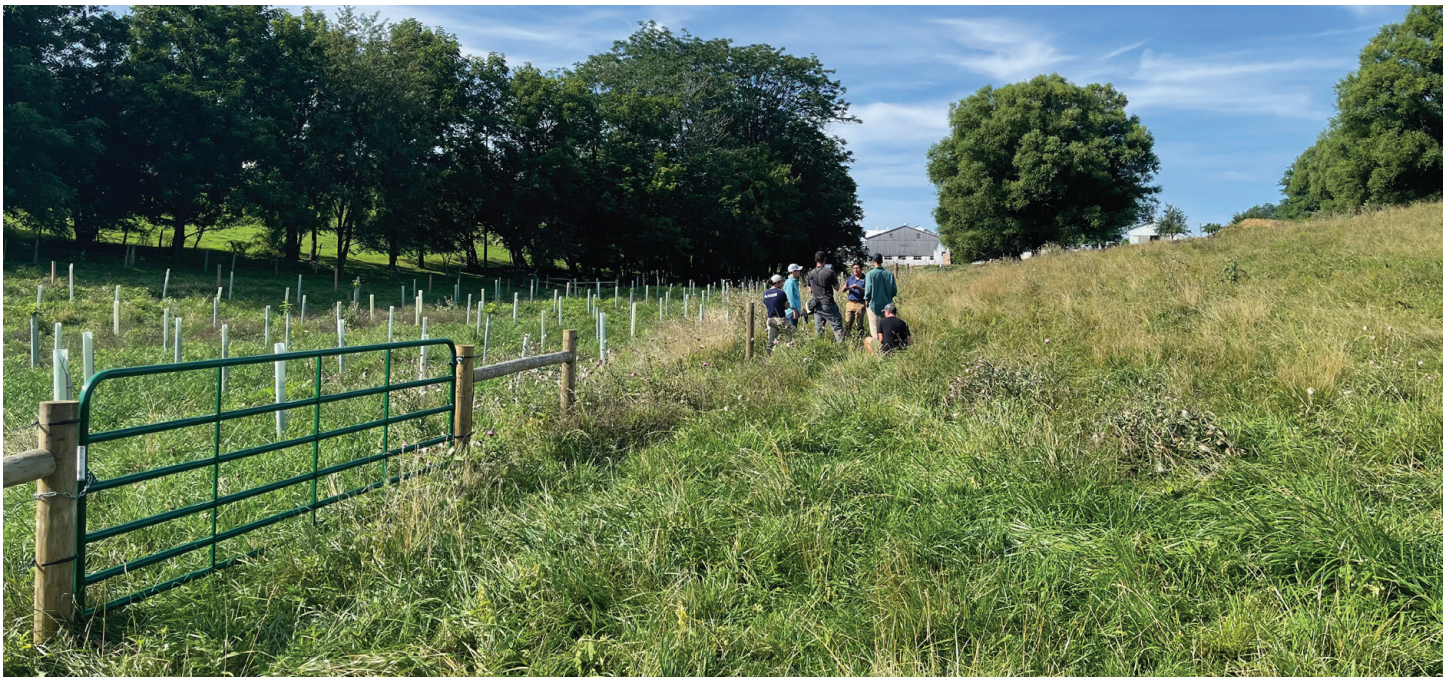
Greening Richmond Libraries to Reduce Stormwater Pollution and Increasing Community Engagement (VA)
Grantee: James River Association
Grant Amount: $749,300
Matching Funds: $50,000
Total Project Amount: $799,300
Build on recent successes implementing green infrastructure projects at Richmond Public Libraries by expanding efforts to additional campuses and supporting residential adoption through rain barrel workshops, native plants workshops and tree giveaways. Project will treat stormwater runoff from nearly 3 acres of developed land in Richmond.

Implementing Green Infrastructure for Enhanced Resilience in Talbot County, Maryland
Grantee: Talbot County
Grant Amount: $979,300
Matching Funds: $433,400
Total Project Amount: $1,412,700
Implement green infrastructure practices in partnership with the Tilghman on Chesapeake Community Association to enhance resilience and stormwater management in Talbot County, Maryland. Project will implement 663 feet of living shoreline with stone and oyster breaks that will reduce erosion and restore marsh habitat, while also establishing open space areas for marsh migration



Blue heron

(continued)



A riparian buffer at a dairy farm in Pennsylvania

Improving Soil Health and Water Quality Through Improved Cover Crop Planning and Management (MD)
Grantee: University of Maryland
Grant Amount: $595,600
Matching Funds: $609,600
Total Project Amount: $1,205,200
Expand the adoption of cover crops throughout the Chesapeake Bay region by focusing on site-specific, purposeful cover cropping to optimize agronomic and environmental benefits. Project will result in more than 3,300 acres with enhanced nutrient management practices.

Leveraging Supply Chain Partnerships to Advance Agricultural Conservation Initiatives (MD, PA, VA)
Grantee: Sustainable Chesapeake
Grant Amount: $1,000,000
Matching Funds: $1,075,000
Total Project Amount: $2,075,000
Utilize expanded partnerships with dairy cooperatives and supply chain partners to help 30-40 dairy farms improve their manure and nutrient management practices, protect local water quality and support Chesapeake Bay restoration. Project will reduce annual nitrogen runoff by nearly 50,000 pounds and annual sediment runoff by 6.6 million pounds.

Restoring Headwater Streams and Wetlands in the Severn River Watershed (MD)
Grantee: Maryland Department of Natural Resources
Grant Amount: $977,600
Matching Funds: $8,119,500
Total Project Amount: $9,097,100
Return important stream functions to a degraded stream and wetland habitat in the Severn River headwaters, enhancing resiliency to larger storms and minimizing impacts to existing natural resources by utilizing a holistic, nature-based ecosystem approach. Project will restore 2,069 linear feet of incised stream, enhancing up to 2.6 acres of existing wetlands, and creating an additional 2.7 acres of new wetlands.

Scaling Capacity for the District of Columbia's Stormwater Retention Crediting Programs
Grantee: Department of Energy and Environment
Grant Amount: $1,000,000
Matching Funds: $1,000,000
Total Project Amount: $2,000,000
Enhance funding for programs supporting small businesses that construct voluntary green infrastructure in the District's Municipal Separate Storm Sewer System. This funding will stand up three small businesses, construct green infrastructure treating up to 18 acres and return significant economic value to these businesses.

Scaling Farmland Preservation and Water Quality Improvements across Lancaster County (PA)
Grantee: Lancaster Farmland Trust
Grant Amount: $765,700
Matching Funds: $2,428,000
Total Project Amount: $3,193,700
Enhance partnerships between Lancaster Farmland Trust and the Lancaster County Agricultural Preserve Board linking the preservation of farmland with the implementation of agricultural best management practices on protected land. Project will result in significant nutrient and sediment reductions throughout Lancaster County via the immediate development of 50 conservation plans, as well as the implementation of best management practices on five newly preserved farms.