



NFWF

Chesapeake Bay Small Watershed Grants Program

NFWF CONTACTS

Jake Reilly

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

Oleksandr Faryga

Program Manager
Chesapeake Bay Stewardship Fund
oleksandr.faryga@nfwf.org
202-595-2453

Rose Keyathe

Program Coordinator
Regional Programs
rose.keyathe@nfwf.org
771-208-2234

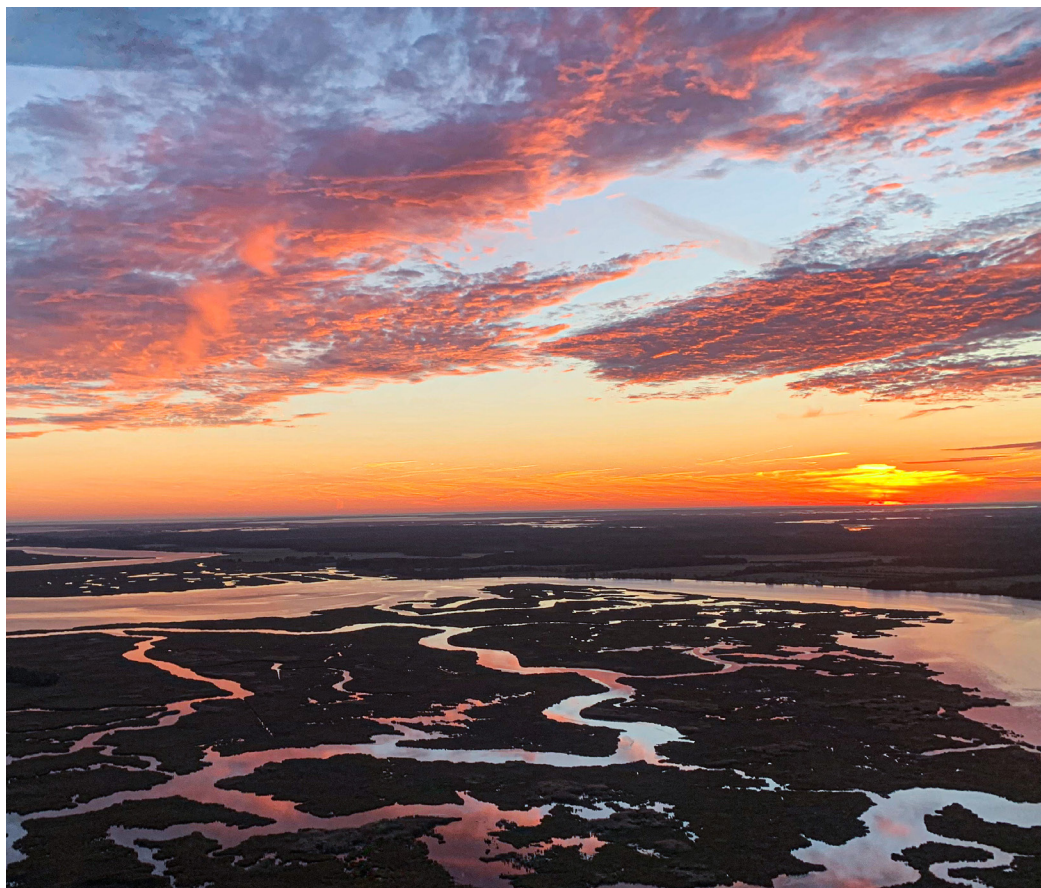
FUNDING PARTNERS

- U.S. Environmental Protection Agency
- USDA Natural Resources Conservation Service

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.

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Chesapeake Bay

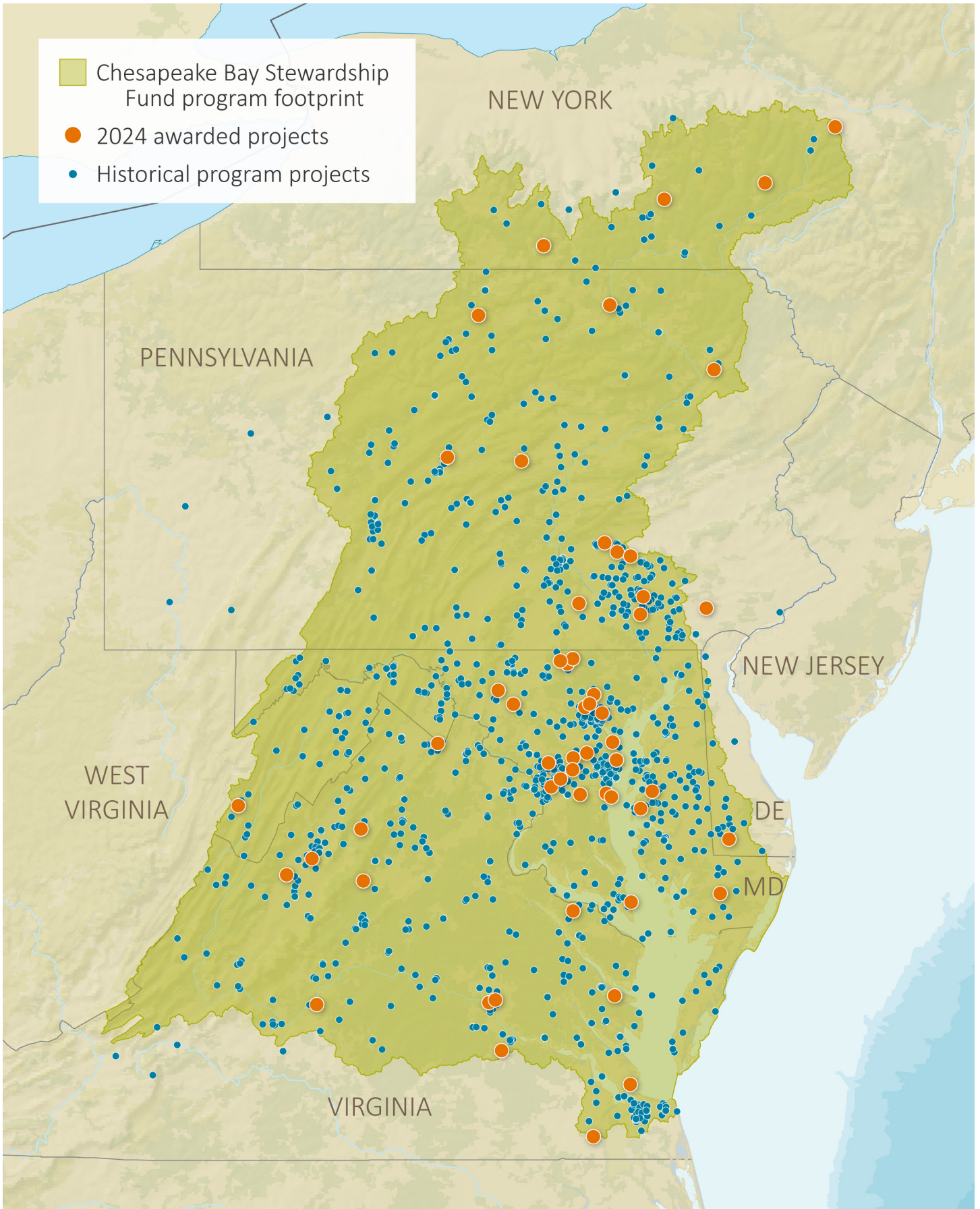
OVERVIEW

The National Fish and Wildlife Foundation (NFWF) and U.S. Environmental Protection Agency announced a 2024-year round of funding for the Chesapeake Small Watershed (SWG) Program. Fifty-six new conservation and restoration grants totaling more than \$23.8 million were awarded. The 56 awards announced leveraged \$12.8 million in matching contributions from the grantees, providing a total conservation impact of \$36.6 million.

The SWG Program focuses on supporting direct, on-the-ground actions to protect and restore water quality, species and habitats in the Chesapeake Bay watershed (**SWG Implementation**). Projects funded through this program also work to enhance local capacity to more efficiently and effectively implement future on-the-ground actions through assessment, planning, design and other technical assistance-oriented activities (**SWG Planning and Technical Assistance**).

NFWF manages the Chesapeake SWG Program in partnership with government agencies and private corporations and in close coordination with the Chesapeake Conservation Partnership and federal-state Chesapeake Bay Program partnership. Major funding for the Chesapeake SWG Grants program is provided by the U.S. Environmental Protection Agency.

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Brook trout

SWG PLANNING AND TECHNICAL ASSISTANCE MARYLAND

Advancing the Heart of Maryland Collaborative through Restoration, Planning and Design (MD)

Grantee: Catoctin Land Trust
 Grant Amount:..... \$149,000
 Matching Funds:..... \$17,500
 Total Project Amount:..... \$166,500
 Identify, design, and implement landscape-scale conservation projects in the Monocacy, Catoctin and Antietam watersheds in Maryland. Project will build a pipeline of shovel-ready projects that further the restoration goals of the Chesapeake Bay Program, including expanding riparian forest buffers and improving water quality that can sustain native species of flora and fauna.

Camp Winslow Living Shoreline Restoration (MD)

Grantee: GreenTrust Alliance
 Grant Amount:..... \$117,500
 Matching Funds:..... \$28,200
 Total Project Amount:..... \$145,700
 Advance the design and permitting of approximately 4,400 linear feet of living shoreline on rapidly retreating forested shoreline located on the western shore of the Chesapeake Bay in St. Mary’s County, Maryland. Project will advance efforts to implement a living shoreline along the bay to protect riparian habitats and active aquaculture, and promote sand accretion to eliminate the need to import sand.

Community-Driven Restoration in Cape St. Claire (MD)

Grantee: Alliance for the Chesapeake Bay
 Grant Amount:..... \$78,600
 Matching Funds:..... \$20,300
 Total Project Amount:..... \$98,900
 Expand green infrastructure planning and implementation efforts within the community of Cape St. Claire, located along the Magothy River in Annapolis, Maryland. Project will provide water quality and habitat improvements, coastal resilience to significant natural areas, increase access to the Magothy River and community green space, improve ecological quality of nearshore and riparian habitats, and create education and stewardship opportunities for community members of all ages.

Design and Permitting for Living Shoreline Restoration on the Wye River in Talbot County (MD)

Grantee: Eastern Shore Land Conservancy
 Grant Amount:..... \$147,300
 Matching Funds:..... \$25,000
 Total Project Amount:..... \$172,300
 Collaborate with stakeholders and landowners of the Wye House historic property in Talbot County, Maryland, to address shoreline erosion and habitat loss along Shaw Bay. Project will complete design and permitting for a living shoreline project expected to restore more than 2,000 linear feet of shoreline, reduce nutrient and sediment pollution and improve nearly 2 acres of tidal wetland habitat benefiting species such as oyster, blue crab and American black duck.

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Design and Planning of Stormwater Infrastructure for the Town of New Market (MD)

Grantee: Town of New Market

Grant Amount:..... \$121,100
 Matching Funds:..... \$52,000
 Total Project Amount:..... \$173,100

Complete planning and permitting necessary to effectively manage the stormwater of New Market, Maryland. Project will perform the necessary engineering planning and public outreach, including development of databases detailing the town's existing stormwater management facilities and drainage infrastructure and preparing mapping inventory of the treated and untreated impervious area within the town.

Developing a Watershed Action Plan for Picture Spring Branch Subwatershed of the Severn River (MD)

Grantee: Severn River Association

Grant Amount:..... \$117,300
 Matching Funds:..... \$0
 Total Project Amount:..... \$117,300

Develop a watershed action plan for the Picture Spring Branch subwatershed of the Severn River. Project will build capacity in the Severn River watershed to implement future on-the-ground water quality and habitat restoration actions by developing a long-term strategy to address nutrient and sediment pollution in the subwatershed, identifying a list of viable stormwater management projects that, when implemented will substantially reduce nitrogen, phosphorus and sediment loads.

Empowering Youth for Eco-Friendly Futures (MD)

Grantee: Lower Shore Land Trust

Grant Amount:..... \$103,000
 Matching Funds:..... \$24,600
 Total Project Amount:..... \$127,600

Create a work plan for launching a pilot program that employs marginalized youth to install and maintain small-scale environmentally friendly landscaping projects and watershed restoration practices in the Lower Shore region of the Delmarva Peninsula. Project will educate the public about environmentally friendly landscaping, planning a team with a youth-driven component, hosting meetings to explore the need for such a project and already functioning models in other parts of the bay watershed.

Improving Green Stormwater Infrastructure in the Prettyboy Reservoir Watershed (MD)

Grantee: Carroll County Government - Bureau of Resource Management

Grant Amount:..... \$100,500
 Matching Funds:..... \$0
 Total Project Amount:..... \$100,500

Develop a comprehensive watershed assessment that evaluates green stormwater infrastructure projects to improve water quality in the Georges and Murphy Run

subwatershed of the Prettyboy Reservoir watershed in Carroll County, Maryland. Project will identify high priority areas to advance the county's capacity to implement priority restoration projects and develop a program to perform targeted outreach to businesses in the watershed in order to reduce incidents of stormwater pollution.

Improving Green Stormwater Infrastructures Design of Reid Temple Church (MD)

Grantee: Reid Temple African Methodist Episcopal Church

Grant Amount:..... \$54,700
 Matching Funds:..... \$0
 Total Project Amount:..... \$54,700

Design green stormwater infrastructures to manage urban runoff at the Reid Temple African Methodist Episcopal Church in Glenn Dale, Maryland. Project will add practices to the property with the goal of reducing, treating and managing impervious areas with pervious and porous green alternatives, increase erosion control and infiltration, improved aesthetics of the property, improved safety due to flooding and icing hazards, and improve mental health and well-being through greenspace access.

Riverside Drive Environmental Revitalization Project in Galesville, Maryland

Grantee: Arundel Rivers Federation

Grant Amount:..... \$117,700
 Matching Funds:..... \$34,500
 Total Project Amount:..... \$152,200

Redesign and convert an old existing stormwater pipe and defunct green infrastructure into a step pool stormwater conveyance system that will treat stormwater before discharging into the river. Project will convert the stone revetment into a native conservation planting for pollinators and native fauna, install a new living shoreline in front of the revetment, and a new oyster reef will be installed to add further protection to the shore through dissipation of wave energy.

Strategic Planning for the Jones Falls in Baltimore, Maryland

Grantee: Central Baltimore Partnership

Grant Amount:..... \$149,800
 Matching Funds:..... \$107,300
 Total Project Amount:..... \$257,100

Prepare community-based strategic restoration plans for Jones Falls focusing on environmental equity, climate resilience, habitat restoration and water quality. In partnership with environmental scientists, nonprofits, local government agencies and community leaders, the project will oversee and manage a two-year planning effort to assess existing stream conditions of Jones Falls and its tributaries and the status of the established Small Watershed Action Plans for the area.

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Watershed Action Plan for a Tributary of Big Pipe Creek (MD)

Grantee: Town of Manchester

Grant Amount:..... \$55,300

Matching Funds:..... \$10,000

Total Project Amount:..... \$65,300

Develop a watershed action plan for a tributary of Big Pipe Creek in Carroll County, Maryland. Project will investigate the watershed and its drainage area to identify cold water resources and potential stressors of the recently discovered native brook trout population within the Double Pipe Creek watershed.

Weinberg Park County Climate Adaptive Living Shoreline (MD)

Grantee: GreenTrust Alliance

Grant Amount:..... \$103,900

Matching Funds:..... \$26,600

Total Project Amount:..... \$130,500

Advance the design and permitting of approximately 1,500 linear feet of living shoreline on rapidly eroding shoreline along the Patapsco River. Project will build a third-generation living shoreline structures including a crab claw, a whale tail and/or large woody debris placement along the existing eroding shoreline, creating a total of approximately 45,000 square feet of marsh, and enhancing multiple high-value habitats including the preservation of Yates Pond.

NEW YORK

Expanding Community Science to Advance Cross-Watershed Collaboration in Otsego County (NY)

Grantee: Otsego County Conservation Association

Grant Amount:..... \$144,500

Matching Funds:..... \$16,500

Total Project Amount:..... \$161,000

Advance cross-watershed collaboration, assessments, and future restoration efforts in Otsego County, New York. Project will create a culvert assessment community science team, expand stream water quality monitoring teams, form a lake water quality monitoring team, support capacity building efforts for participating organizations, and collect valuable data and site-specific information that will support future habitat restoration projects in the county.

PENNSYLVANIA

Expanding the Chesapeake Seedling Cooperative to Support Community-Based Watershed Conservation (PA)

Grantee: Alliance for the Chesapeake Bay

Grant Amount:..... \$150,000

Matching Funds:..... \$89,500

Total Project Amount:..... \$239,500

Engage volunteers in growing native trees from seed to expand seedling capacity necessary to support riparian restoration and reforestation projects and better engage watershed residents in the restoration effort. Project will engage 250 community members, plant 6,000 native tree



Pollinator habitat

seedlings, and create a transferable guide and educational curriculum to spread the idea and further strengthen the partnership around tree planting in southcentral Pennsylvania.

Planning for Accelerated Stream and Forest Restoration in Bradford County (PA)

Grantee: Bradford County Conservation District

Grant Amount:..... \$141,000

Matching Funds:..... \$355,000

Total Project Amount:..... \$496,000

Accelerate the development of stream and forest restoration plans to achieve goals set forth in Bradford County's Watershed Implementation Plan. Project will address erosion and deforestation throughout Bradford County by developing stream rehabilitation designs and reforestation plans.

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Supporting Community-Based Watershed Organizations in Pennsylvania's Chesapeake Bay Watershed (PA)

Grantee: Pennsylvania Organization for Watersheds and Rivers
 Grant Amount:..... \$118,100
 Matching Funds:..... \$40,300
 Total Project Amount:..... \$158,400
 Enhance the capacity of at least seven community-based watershed organizations in Pennsylvania's portion of the Chesapeake Bay watershed. Project will enable future on-the-ground watershed restoration projects through leadership and community assessments, strategic planning, communication and social marketing initiatives, and other technical and organization assistance activities that prioritize habitat, riparian and stormwater management improvement projects.

Willard Elementary Green Schoolyard Design (PA)

Grantee: The Trust for Public Land
 Grant Amount:..... \$150,000
 Matching Funds:..... \$0
 Total Project Amount:..... \$150,000
 Collaborate with the Frances Willard Elementary School community for the design of a half-acre green community schoolyard. Project will provide opportunities to advance stormwater management and climate-resilience practices at the school, engage students and residents in the schoolyard's development through hands-on environmental education and design activities, and advance community knowledge about the importance of green spaces and their critical roles in supporting a healthy, vibrant watershed.

VIRGINIA

Green Stormwater Infrastructure Technical Assistance for Underserved Communities in Virginia

Grantee: Alliance for the Chesapeake Bay
 Grant Amount:..... \$150,000
 Matching Funds:..... \$30,000
 Total Project Amount:..... \$180,000
 Provide green stormwater infrastructure and technical assistance to small, under-resourced localities throughout the Commonwealth of Virginia. Project will improve the delivery of technical assistance to ultimately drive implementation of green stormwater infrastructure improvements, provide technical assistance through a trusted local government network, and create a replicable model for accelerating progress towards meeting Chesapeake Bay watershed restoration goals.

Holy Cross Abbey Regenerative Farm Planning (VA)

Grantee: Holy Cross Abbey—Community of Cistercians of the Strict Observance
 Grant Amount:..... \$133,700
 Matching Funds:..... \$0
 Total Project Amount:..... \$133,700
 Develop a plan to turn a 1,200-acre parcel along the Shenandoah

River into a regenerative agricultural farm. Project will employ climate-smart practices, produce a legal instrument that ensures the future of regenerative land use and agricultural production with an emphasis on equity and justice, and plan for an expansive and inclusive outreach program that invites visitors to experience this working landscape and learn more about watershed issues.

Identifying Nature-Based Solutions to Address Flooding and Local Water Quality in Petersburg (VA)

Grantee: James River Association
 Grant Amount:..... \$146,500
 Matching Funds:..... \$2,100
 Total Project Amount:..... \$148,600
 Improve water quality using nature-based solutions in Petersburg's Lakemont community. Project will support activities that engage neighborhood residents directly impacted by localized flooding, assess the existing storm sewer system to determine best solutions to alleviate flooding, strengthen community resilience, improve water quality in nearby Harrison and Poor Creeks, and develop the final design of two drainage systems for a green infrastructure project in nearby Harrison and Poor Creeks.

Streambank Management and Repair Workshop and Training Series (VA)

Grantee: Virginia Tech - Biological Systems Engineering Department
 Grant Amount:..... \$149,600
 Matching Funds:..... \$35,600
 Total Project Amount:..... \$185,200
 Improve water quality and habitat in small headwater streams within the Chesapeake Bay watershed. Project will develop outreach and training materials to assist private landowners in stabilizing eroding streambanks and planting riparian buffers along First and Second order streams, develop and deliver four workshops to train 80 technical service providers to implement projects and assist private landowners with bank stabilization and riparian buffer establishment and maintenance.

Supporting Community-Based Resilience Planning for Nansemond Indian Nation Tribe (VA)

Grantee: Virginia Polytechnic Institute and State University
 Grant Amount:..... \$150,000
 Matching Funds:..... \$0
 Total Project Amount:..... \$150,000
 Assist the Nansemond Indian Nation in planning and enhancing natural and nature-based community resilience. Project will work with the Nansemond Indian Nation, a federally recognized Virginia Tribe, in adapting the Resilience Adaptation Feasibility Tool Scorecard and process for their community by developing a community plan that best meets their strengths, weaknesses and current capabilities for enhanced resilience.

WASHINGTON, D.C.**Congressional Cemetery Community-Based Stormwater Revitalization (DC)**

Grantee: Anacostia Watershed Society

Grant Amount:..... \$72,300

Matching Funds:..... \$0

Total Project Amount:..... \$72,300

Create an implementation-ready plan that will help manage the Congressional Cemetery runoff and create a more resilient community space. Project will continue the 2023 effort in implementing green infrastructure in the cemetery, educating community members about the benefits of green infrastructure, and allowing participants to apply their new knowledge to addressing stormwater challenges currently facing the community.

MULTIPLE STATES**Building an Inclusive Gunpowder Watershed Restoration Collaborative (MD, PA)**

Grantee: Gunpowder Valley Conservancy

Grant Amount:..... \$149,300

Matching Funds:..... \$10,100

Total Project Amount:..... \$159,400

Deliver training to watershed-restoration partners and conduct outreach to historically underserved communities and rural communities in the Gunpowder watershed. Project will develop a more inclusive Gunpowder watershed collaborative of organizations working together for clean water in the watershed and create a list of diverse property owners who are willing to plant trees and install green infrastructure on their property.

Cheverly East Stream Restoration (MD)

Grantee: Prince George's County Government

Grant Amount:..... \$999,700

Matching Funds:..... \$274,700

Total Project Amount:..... \$1,274,400

Restore more than 1,000 linear feet of a degraded, unhealthy tributary to Lower Beaverdam Creek, part of the Anacostia River watershed in Maryland. Project will mitigate streambank erosion, stabilize the stream channel, remove invasive riparian vegetation, improve water quality and reduce nutrient and sediment loads being delivered downstream.

Engaging Underrepresented Students of the Chesapeake Bay Watershed (DC, DE, MD, NY, PA, VA, WV)

Grantee: Chesapeake Research Consortium

Grant Amount:..... \$150,000

Matching Funds:..... \$0

Total Project Amount:..... \$150,000

Engage diverse students through individually tailored programs and mentorship to advance leadership in environmental and conservation fields. Project will recruit and mentor college students who are underrepresented in environmental research and management professions to



American black duck

create a generation that will not only significantly contribute to meeting the long-term goals for Chesapeake Bay watershed restoration but also build upon and sustain those efforts for generations.

SWG IMPLEMENTATION**DELAWARE****Restoring Shoreline Habitats at Janosik Park in Laurel, Delaware**

Grantee: Nanticoke Watershed Alliance

Grant Amount:..... \$451,300

Matching Funds:..... \$116,000

Total Project Amount:..... \$567,300

Implement designs to stabilize a severely eroding shoreline and improve the habitat along the Broad Creek at Janosik Park in Laurel, Delaware. Project will restore nearly 600 feet or shoreline and reduce annual sediment pollution by more than 60 tons.

MARYLAND**Community Greening Along the Northwest and Northeast Branches of the Anacostia (MD)**

Grantee: Nature Forward

Grant Amount:..... \$184,300

Matching Funds:..... \$81,600

Total Project Amount:..... \$265,900

Collaborate with four local community organizations to improve water quality and restore pollinator habitat in underserved areas of Anacostia River watershed. Project will recruit 200 residents and three community associations to install conservation landscapes resulting in a conversion of 13,000 square feet of turf into native plant habitat.

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Oysters

East Baltimore Stormwater Management and Training (MD)

Grantee: Civic Works
 Grant Amount:..... \$215,000
 Matching Funds:..... \$25,000
 Total Project Amount:..... \$240,000
 Engage community residents and young adults in training and installation of stormwater Best Management Practices in low-income East Baltimore, Maryland. Project will enroll and train 12 young adults from Baltimore City to co-design and install six rain gardens, one stormwater diversion cistern and a total of 1.5 acres of green stormwater infrastructure.

Enhancing Nature-Based Resilience in Columbia Beach, Maryland

Grantee: The Resilience Authority of Annapolis and Anne Arundel County
 Grant Amount:..... \$997,500
 Matching Funds:..... \$0
 Total Project Amount:..... \$997,500
 Mitigate flooding and improve water quality in the historic community of Columbia Beach, Maryland. Project will implement Best Management Practices, reduce stormwater flooding from roads and community property, and open the roadway drainage system to better direct stormwater runoff into new and existing green infrastructure to benefit nearly 13 acres of this bay-front community.

Enhancing Water Quality through Farmer Networks and Increased Adoption of Soil Health Practices (MD)

Grantee: Future Harvest
 Grant Amount:..... \$992,200
 Matching Funds:..... \$232,900
 Total Project Amount:..... \$1,225,100
 Advance the adoption of soil health and climate-smart farm management systems by engaging underserved agricultural producers to improve water quality and habitat restoration in the Chesapeake Bay watershed. Project will advance adoption of soil health practices on 2,000 acres through technical and financial assistance, soil health education, and support to farmers to implement regenerative practices on farms that have the biggest impact on river and stream health in Maryland.

Grace Creek Living Shoreline Restoration Implementation (MD)

Grantee: Eastern Shore Land Conservancy
 Grant Amount:..... \$999,900
 Matching Funds:..... \$1,839,400
 Total Project Amount:..... \$2,839,300
 Engage Talbot County landowners, the Coastal Conservation Association and high school volunteers to restore 2,700 linear feet of living shoreline and nearly 2 acres of low-marsh habitat and install 280 oyster reef balls. The project will enhance submerged aquatic vegetation and provide coastal resilience and ecosystem co-benefits for oysters, American black duck, and other migratory waterfowl species.

Growing the Climate Crew Network and the Green Infrastructure Workforce Across Central Maryland

Grantee: Stewardship Network
 Grant Amount:..... \$791,700
 Matching Funds:..... \$290,000
 Total Project Amount:..... \$1,081,700
 Accelerate the installation and maintenance of nature-based green infrastructure solutions across Central Maryland by growing the nascent Climate Crew Network (CCN), a network of green workforce training centers employing traditionally underserved residents from priority environmental justice communities. Project will result in improved stormwater runoff from 9 acres of urban lands and 2,700 trees planted to enhance water quality, urban wildlife habitat and community climate resilience.

Implementing Green Stormwater Infrastructure to Restore Urban Watersheds in Baltimore (MD)

Grantee: Blue Water Baltimore
 Grant Amount:..... \$1,000,000
 Matching Funds:..... \$481,600
 Total Project Amount:..... \$1,481,600
 Implement strategies to mitigate stormwater runoff and pollution in Baltimore’s urban watershed. Project will build green infrastructure such as rain gardens and permeable pavement at more than a dozen sites across Baltimore in order to treat urban stormwater runoff, enhance water quality, restore natural habitats and promote community resilience.

(continued)

Utilizing Increased Awareness and Farmer Recognition to Advance Agricultural Conservation (MD)

Grantee: Maryland Association of Soil Conservation Districts
 Grant Amount:..... \$318,500
 Matching Funds:..... \$101,800
 Total Project Amount:..... \$420,300
 Increase the adoption of conservation practices through the Farm Stewardship Certification program in Maryland. Project will offer new incentives for farmers and landowners, provide more effective and audience-specific outreach materials, and address emerging resource concerns such as soil health, urban agriculture and climate-smart agriculture, resulting in adoption of more than 7,000 acres of new agricultural conservation practices.

NEW YORK

Improving Denison Park Water Quality with Green Stormwater Infrastructure (NY)

Grantee: City of Corning
 Grant Amount:..... \$632,600
 Matching Funds:..... \$80,000
 Total Project Amount:..... \$712,600
 Design and implement green stormwater infrastructure at Denison Park in Corning, New York. Project will install bioretention features and permeable pavement areas to treat 5 acres of urban land, implement Green Stormwater Infrastructure and convert nearly 9 acres of turf lawn into sustainable conservation landscaping.

Restoring Brook Trout Habitat through Dam Removal in Butternut Creek Watershed (NY)

Grantee: Trout Unlimited
 Grant Amount:..... \$999,400
 Matching Funds:..... \$550,000
 Total Project Amount:..... \$1,549,400
 Improve and reconnect 4.3 miles of brook trout habitat along Butternut Creek in New York's Upper Susquehanna River watershed. Project will remove the Morris Pond Dam, restore a quarter mile of the stream channel, adjacent floodplain and riparian corridor, and result in the transfer of 6 acres of private forest to the General Jacob Morris State Forest.

PENNSYLVANIA

Accelerating Forest Buffer Restoration and Conservation Infrastructure on Pennsylvania Farms

Grantee: Stroud Water Research Center
 Grant Amount:..... \$1,000,000
 Matching Funds:..... \$540,400
 Total Project Amount:..... \$1,540,400
 Accelerate implementation of riparian forest buffers, livestock exclusion practices, and other agricultural conservation practices on farms in northern and southcentral Pennsylvania. Project will work with at least six farms to install more than 2 miles of livestock exclusion fencing and restore 27 acres of riparian vegetative buffers.

Bolstering Agricultural Best Management Practices Across Pennsylvania's Capital Region

Grantee: Capital Resource Conservation and Development Area Council
 Grant Amount:..... \$932,900
 Matching Funds:..... \$257,800
 Total Project Amount:..... \$1,190,700
 Implement farm conservation planning strategies and agricultural Best Management Practices across southcentral Pennsylvania's capital region. Project will restore 4.5 miles of riparian habitat and install of 3 miles of livestock exclusion fencing.

Building Capacity of Pennsylvania Land Trusts to Protect Water Quality and Critical Habitats

Grantee: WeConservePA
 Grant Amount:..... \$150,000
 Matching Funds:..... \$210,000
 Total Project Amount:..... \$360,000
 Project will provide land trusts with financial assistance to conduct planning work and cover transaction fees in support of conservation easements, ensuring quality legal, title, survey and baseline documentation work crucial for easements to deliver conservation value in perpetuity.

Collaborating to Implement Regenerative Poultry Production in Pennsylvania

Grantee: Alliance for the Chesapeake Bay
 Grant Amount:..... \$500,000
 Matching Funds:..... \$653,900
 Total Project Amount:..... \$1,153,900
 Advance conservation adoption on poultry farms in Pennsylvania through the creation of regenerative poultry standards aimed at reducing polluter runoff, enhancing native habitat and agricultural production, and increasing capacity for climate-smart agriculture. Project will implement manure and mortality management facilities, riparian and vegetative environmental buffers, no-till and diverse cover crop plantings to impact 120 acres of agricultural production.

Reconnecting and Restoring Brook Trout Habitat in the Pine Creek Watershed (PA)

Grantee: Trout Unlimited
 Grant Amount:..... \$936,800
 Matching Funds:..... \$574,800
 Total Project Amount:..... \$1,511,600
 Expand stronghold brook trout habitats along Lick Run in Pennsylvania's Pine Creek watershed by replacing three failing, undersized culverts that are current barriers to aquatic organism passage, reducing nonpoint source sediment pollution by improving dirt and gravel roads, and using strategic wood addition to enhance habitat on 0.75 miles of Deer Lick Hollow, a tributary to Lick Run. Project will open 7.5 miles of upstream habitat critical for brook trout.

Restoring Upper Hammer Creek for Brook Trout and Black Duck Habitat Enhancement (PA)

Grantee: Trout Unlimited Doc Fritchey Chapter
 Grant Amount:..... \$782,500
 Matching Funds:..... \$238,700
 Total Project Amount:..... \$1,021,200
 Restore Hammer Creek and enhance brook trout and black duck habitat in Lebanon County, Pennsylvania. Project will restore 8,225 linear feet of headwater stream and reconnect 3.9 acres of floodplain and wetlands by removing legacy sediments, creating favorable ecological conditions, enhancing stream habitats, mitigating erosion, improving nutrient processing, promoting groundwater recharge, creating recreational spaces, and fostering biodiversity for brook trout and black duck populations.

Stream Restoration for Water Quality and Climate Resiliency in the Codorus Creek Watershed (PA)

Grantee: Manchester Township
 Grant Amount:..... \$692,600
 Matching Funds:..... \$550,600
 Total Project Amount:..... \$1,243,200
 Reduce pollutants to enhance water quality in the Lower Susquehanna River Basin of Pennsylvania. Project will mitigate flooding and restore a degraded stream, enhance recreation and provide education on water resources and climate resilience.

VIRGINIA

Accelerating Living Shoreline Restoration in Virginia's Northern Neck and Middle Peninsula

Grantee: Friends of the Rappahannock
 Grant Amount:..... \$755,500
 Matching Funds:..... \$536,800
 Total Project Amount:..... \$1,292,300
 Restore 1 mile of shoreline on Virginia's Northern Neck to address nutrient and sediment loss, coastal wetland restoration and enhancement, and community resilience. Project will support design and installation of 40 living shoreline projects in conjunction with the Virginia Conservation Assistance Program.

Engaging Hampton Communities in Restoring Native Oysters Habitat (VA)

Grantee: Chesapeake Bay Foundation
 Grant Amount:..... \$494,700
 Matching Funds:..... \$287,600
 Total Project Amount:..... \$782,300
 Collaborate with Hampton University and community members to restore native oyster habitat in Virginia's Hampton River. Project will create 2 acres of sanctuary oyster reef in the Hampton River, produce and plant 1 million spat-on-shell oysters, and work with Black In Marine Science to advance interest among black students to pursue careers in the marine sciences.

Expanding and Enhancing Brook Trout Coldwater Refugia in the Shenandoah Valley (VA)

Grantee: Trout Unlimited
 Grant Amount:..... \$983,400
 Matching Funds:..... \$206,400
 Total Project Amount:..... \$1,189,800
 Improve and reconnect native brook trout habitat and water quality in the Shenandoah River watershed in Virginia. Project will reconnect 7 miles of headwater refugia and enhance habitat and water quality along 1.3 miles of a coldwater spring creek through streambank stabilization and riparian buffers.

Green Infrastructure Improvements to Whitcomb Community Park in Richmond, Virginia

Grantee: City of Richmond, Virginia
 Grant Amount:..... \$500,000
 Matching Funds:..... \$1,950,000
 Total Project Amount:..... \$2,450,000
 Engage partners and community members to install and enhance green infrastructure at Richmond's Whitcomb Community Park. Project will convert an underused and flood-prone, open grass-lawn park into a thoughtfully planned, beautiful community asset.

Improving Green Stormwater Infrastructure at Amelia Street School in Richmond, Virginia

Grantee: Alliance for the Chesapeake Bay
 Grant Amount:..... \$681,000
 Matching Funds:..... \$150,000
 Total Project Amount:..... \$831,000
 Improve green stormwater infrastructure at Amelia Street School in Richmond, Virginia. Project will engage partners to work collaboratively to implement more than a half-acre of green stormwater infrastructure practices that reduce stormwater runoff, increase urban tree canopy and reduce heat island effect while also providing outdoor learning environment for students of all abilities.

South River Brook Trout Habitat and Riparian Forest Buffer Restoration (VA)

Grantee: Friends of the Rappahannock
 Grant Amount:..... \$906,100
 Matching Funds:..... \$162,700
 Total Project Amount:..... \$1,068,800
 Complete engineering designs, permits and construction for a stream restoration, habitat enhancement and riparian buffer planting project on the South River in Greene County, Virginia. Project will restore nearly a half mile of stream and riparian habitat and partner with local schools and volunteers to maximize environmental education opportunities.

MULTIPLE STATES

Advancing the Legacy of Brook Trout Conservation in the Potomac Headwaters (VA, WV)

Grantee: Trout Unlimited

Grant Amount:..... \$997,500
 Matching Funds:..... \$447,000
 Total Project Amount:..... \$1,444,500

Restore brook trout habitat and install conservation practices on private and public lands in the headwaters of the Potomac River in Virginia and West Virginia. Project will restore 9 miles of riparian forest habitat, install 7.5 miles of livestock exclusion fencing, and reconnect existing brook trout populations to 12 miles of headwater habitat.

Building Capacity for the Chesapeake Restoration Effort (DC, DE, MD, NY, PA, VA, WV)

Grantee: National Wildlife Federation

Grant Amount:..... \$320,000
 Matching Funds:..... \$70,000
 Total Project Amount:..... \$390,000

Enhance capacity to advance watershed restoration projects and practices across the Chesapeake Bay watershed. Project will increase collaboration and coordination among the nonprofit and stakeholder community in order to support the Bay restoration effort by bringing together leaders from local watershed organizations, environmental and conservation organizations, the philanthropic community, government officials, and businesses for education, networking and enhanced coordination.

Enhancing Citizen Engagement through the Chesapeake Bay Report Card (DC, DE, MD, NY, PA, VA, WV)

Grantee: University of Maryland Center for Environmental Science

Grant Amount:..... \$543,000
 Matching Funds:..... \$0
 Total Project Amount:..... \$543,000

Improve the delivery and relevance to watershed citizens of the Chesapeake Bay Watershed Report Card by integrating socially relevant indicators and community perspectives on watershed ecosystem health. Project will engage a wide range of diverse stakeholders, enhance their understanding of the interconnected components of the Chesapeake Bay watershed, create new pathways for change, and foster partnerships and capacity-building for community and environmental improvement.

Enhancing Local Capacity to Maximize Nutrient Reductions in Urban Watersheds of the Chesapeake Bay

Grantee: Chesapeake Stormwater Network

Grant Amount:..... \$330,000
 Matching Funds:..... \$0
 Total Project Amount:..... \$330,000

Deliver core stormwater training programs to the stormwater management community across the Chesapeake Bay watershed, expanding focus on more diverse audiences of existing and emerging stormwater professionals. Project will



Brook trout

strengthen the capacity of the stormwater sector through professional development and updated trainings to accelerate implementation and improve local stormwater programs through an emphasis on maintenance, climate resilience and community-based project planning.

Leveraging Corporate Investments to Implement Conservation Practices on Dairy Farms (NY, PA)

Grantee: Alliance for the Chesapeake Bay

Grant Amount:..... \$500,000
 Matching Funds:..... \$1,000,000
 Total Project Amount:..... \$1,500,000

Leverage corporate investments and partnerships to install agricultural conservation practices on dairy farms in New York and Pennsylvania to reduce agricultural runoff to the Chesapeake Bay, restore riparian ecosystems, improve stream health, increase habitat for wildlife, reduce greenhouse gas emissions, and ensure long-term resilience for the region's dairy industry. Project will restore more than 2 miles of riparian forest habitat and reduce sediment runoff by more than 500 tons annually.