



Chesapeake Bay Small Watershed Grants Program

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- Chesapeake Bay Program
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- Altria Group
- AstraZenica
- Bezos Earth Fund
- Zoetis Foundation

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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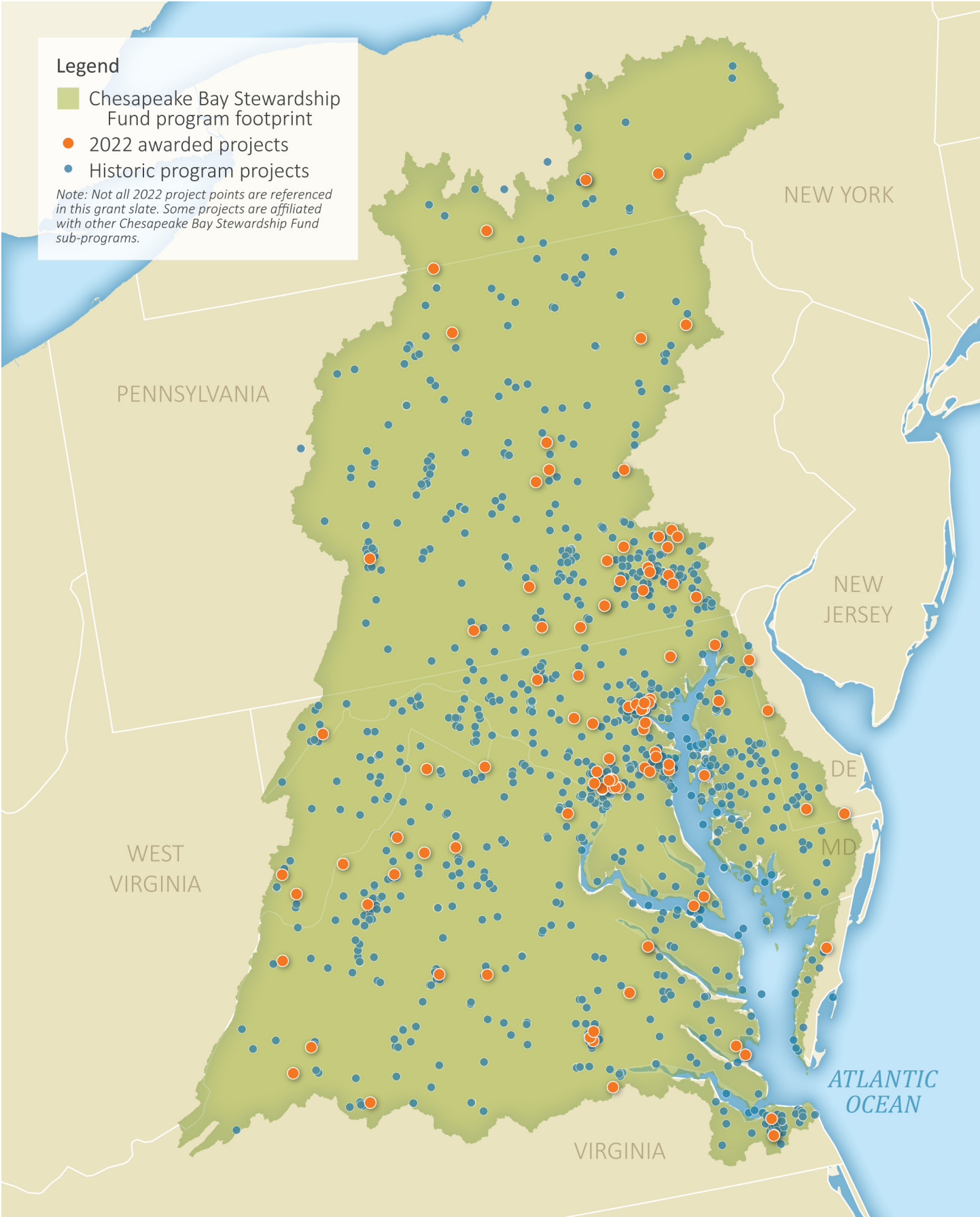
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OVERVIEW

The National Fish and Wildlife Foundation (NFWF) and the U.S. Environmental Protection Agency announced a 2022 round of funding for Small Watershed Grants projects. Ninety-eight new conservation and restoration grants totaling more than \$27.8 million were awarded. These 98 awards announced generated \$25.1 million in matching contributions from the grantees, providing a total conservation impact of \$52.9 million.

The Small Watershed Grants program funds projects within the Chesapeake Bay Watershed that promote community-based efforts to protect and restore the diverse natural resources of the Chesapeake Bay and its tributary rivers and streams. This year's awards address four key categories of strategies for the Chesapeake Bay Watershed: 1) habitat restoration, including oyster reef and stream restoration; 2) habitat management, both agriculture and stormwater best management practices; 3) capacity, outreach and incentives; and 4) planning, research and monitoring.

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DELAWARE**Centenary Church Green Parking Lot Design (DE)**

Grantee: Nanticoke Watershed Alliance

Grant Amount:.....\$43,500

Matching Funds:.....\$700

Total Project Amount:.....\$44,200

Partner with the Centenary Church in Laurel, Delaware, to complete an engineering design to convert an existing parking lot and an adjacent property into a green parking lot for improved water quality and stormwater management. Project will build upon other green infrastructure projects in the Town of Laurel and will help support improved water quality.

Restoring Coastal Plain Upland Forest & Meadow Habitat in the Great Cypress Swamp (DE)

Grantee: Delaware Wild Lands

Grant Amount:.....\$177,600

Matching Funds:.....\$130,600

Total Project Amount:.....\$308,200

Restore a prior agricultural field to native coastal plain upland forest and native meadow habitat on Delaware's largest freshwater wetland and contiguous block of forestland. Project will restore 25 acres of habitat and nearly a half mile of riparian habitat.

Restoring Headwater Wetlands on Marginal Cropland (DE)

Grantee: Shorerivers

Grant Amount:.....\$499,100

Matching Funds:.....\$332,800

Total Project Amount:.....\$831,900

Restore critical headwater freshwater shallow wetland habitat in the upper Choptank and Chester watersheds in Delaware. Project will restore 32 acres of marginal cropland to high quality freshwater wetland habitat.

MARYLAND**Accelerating Agricultural Conservation through Corporate Sustainability Initiatives (MD)**

Grantee: Alliance for the Chesapeake Bay

Grant Amount:.....\$500,000

Matching Funds:.....\$725,000

Total Project Amount:.....\$1,225,000

Partner with the Maryland and Virginia Milk Producers Cooperative Association and Maryland Department of Agriculture to advance adoption of agricultural conservation practices that support water quality improvements and corporate supply chain sustainability goals. Project will work with seven dairies in Maryland to plan and implement conservation practices on 300 acres.

Charlestown Water Quality Retrofits and Stream Restoration (MD)

Grantee: Town of Charlestown, Maryland

Grant Amount:.....\$74,500

Matching Funds:.....\$12,000

Total Project Amount:.....\$86,500

Design retrofits for existing stormwater management facilities and a concept-level stream restoration project on and adjacent to the city-owned recreation facilities. Project will work to achieve stated goals in the Town of Charlestown Stormwater Vulnerability & Floodplain Management Assessment and the Northeast River Watershed Assessment Priority Sites Re-Evaluation Report, both completed in 2019.

Collaboratively Developing Long-Term Oyster Restoration Plans for Eastern Bay (MD)

Grantee: Oyster Recovery Partnership

Grant Amount:.....\$471,900

Matching Funds:.....\$1,200,000

Total Project Amount:.....\$1,671,900

Galvanize collaborative efforts to restore oyster populations in Eastern Bay on Maryland's Eastern Shore. Project will establish stakeholder goals and objectives for long-term oyster population efforts, utilize new sonar maps to delineate oyster habitat, and generate local stewardship through community engagement and education.

Community-Based Shoreline Restoration in the South River (MD)

Grantee: Chesapeake Bay Foundation

Grant Amount:.....\$69,200

Matching Funds:.....\$1,200

Total Project Amount:.....\$70,400

Identify, design, and permit a living shoreline project in the Harness Creek sub-watershed of the South River along Quiet Waters Park in Anne Arundel County. Project will project will target up to 500 linear feet of eroding shoreline and will incorporate a living oyster reef breakwater in the structural design to directly enhance critical habitat for oysters, fish, and invertebrates while mitigating shoreline erosion and marsh loss.

Creating a Community-Led Climate Resilience Workforce (MD)

Grantee: Chesapeake Conservancy

Grant Amount:.....\$445,400

Matching Funds:.....\$392,700

Total Project Amount:.....\$838,100

Deploy community-led conservation crews in Baltimore City and Prince Georges and Howard Counties focused on tree planting and maintenance, green infrastructure improvements and maintenance, native habitat restoration, and other priority greening projects co-identified and prioritized with community stakeholders. Project will support 30 crew members over two 14-week deployments and result in planting of 1,800 trees.

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Creating a Restoration Resource Workforce through Reentry Partnerships (MD)

Grantee: Maryland Reentry Resource Center

Grant Amount:..... \$171,400
 Matching Funds:..... N/A
 Total Project Amount:..... \$171,400

Provide green infrastructure and conservation landscaping training through partnership with the Maryland Reentry Resource Center and Chesapeake Conservation Landscaping Council. Project will enhance conservation-related reentry opportunities and support tree planting and maintenance of existing green infrastructure across Anne Arundel County.

Creating Pollinator Habitat and Enhancing Food Security in Baltimore (MD)

Grantee: National Wildlife Federation

Grant Amount:..... \$146,500
 Matching Funds:..... \$41,200
 Total Project Amount:..... \$187,700

Create and enhance pollinator habitat around urban agriculture and nursery sites in Baltimore in partnership with community-based organizations looking to expand education, training, and food access for local communities. Project will improve conservation landscaping and pollinator habitat for more than two acres at six sites across the city.

Demonstrating Conservation Landscaping and Pollinator Habitat for Landowners and Landscapers (MD)

Grantee: Audubon Naturalist Society of the Central Atlantic States

Grant Amount:..... \$188,600
 Matching Funds:..... \$49,600
 Total Project Amount:..... \$238,200

Improve four acres of degraded grassland habitat at Woodend Nature Sanctuary in Chevy Chase, Maryland, to serve as a demonstration and training center for watershed restoration and stormwater management in the D.C. metro region. Project will recruit 150 local community members to install additional pollinator habitat and conservation landscaping in the broader Sligo Creek watershed.

Developing Equitable Green Infrastructure for the Port Towns (MD)

Grantee: University System of Maryland Foundation

Grant Amount:..... \$499,800
 Matching Funds:..... \$139,500
 Total Project Amount:..... \$639,300

Develop and pilot implementation of a Walkable Watershed Plan for the Port Towns of Prince George's County, improving municipal collaboration and shared planning for coordinated habitat restoration, resilience and stormwater management efforts. Project will engage 150 community members in both English and Spanish-language events to help inform community goals and interests for local watershed restoration.

Engaging the Next Generation of Land Stewards in Agricultural Conservation (MD)

Grantee: Shorersivers

Grant Amount:..... \$33,200
 Matching Funds:..... \$11,800
 Total Project Amount:..... \$45,000

Engage Eastern Shore landowners most receptive to new information and ideas by convening a cohort of Next Generation Land Stewards, new or upcoming landowners, to gather with local agricultural conservation professionals to share information, resources and expertise around land stewardship. Project will connect Stewards with local experts, create an inclusive learning space, and help them navigate the resources and programs available for conservation work on agricultural land in the region.

Establishing New Models for Equitable and Inclusive Stewardship of the Chesapeake Bay Watershed (MD)

Grantee: The Anne Arundel County Watershed Stewards Academy

Grant Amount:..... \$499,500
 Matching Funds:..... \$142,100
 Total Project Amount:..... \$641,600

Develop a new model for Watershed Steward programs serving communities underrepresented in watershed stewardship activities across northern and western Anne Arundel County. Project will pilot a framework for environmental leadership among Spanish-language speakers and communities of color to identify, design and install community-led watershed improvement projects.



Oyster restoration near Maryland's Eastern Shore | Credit: Will Parsons/ Chesapeake Bay Program

Expanding Community Green Infrastructure and Urban Tree Canopy in Baltimore Neighborhoods (MD)

Grantee: ReBUILD Metro

Grant Amount:..... \$485,600
 Matching Funds:..... \$78,700
 Total Project Amount:..... \$564,300

Increase greenspace, sustainability and community ownership in East Baltimore by restoring a contaminated vacant lot into a safe and community-friendly urban garden and conservation landscape and removing impervious surfaces to plant native shade trees on residential streets. Project will convert more than a half-acre of vacant lot into a community greenspace and engage 200 community members and volunteers in project planning, design, and implementation.

Expanding Local Participation in Flood Mitigation and Forestry Care Strategies in Urban Baltimore (MD)

Grantee: Baltimore Green Space

Grant Amount:..... \$230,000
 Matching Funds:..... \$97,300
 Total Project Amount:..... \$327,300

Enhance urban forestry efforts in Baltimore through improved urban forest management, community outreach and educational activities, and college-level field training. Project will engage 3,000 city residents through outreach and 600 volunteers in urban forestry programming in the city.

Expanding Spanish-Language Watershed Stewardship in the Patapsco and Anacostia Watersheds (MD)

Grantee: Defensores de la Cuenca

Grant Amount:..... \$465,500
 Matching Funds:..... \$202,500
 Total Project Amount:..... \$668,000

Expand La Academia, a paid adult watershed training and stewardship program delivered in Spanish, in the Anacostia and Patapsco River watersheds. Project will pair culturally relevant education with hands-on experiences and culminate in completion of individually led stormwater improvement projects in local communities.

Green Infrastructure Inventory, Design, and Asset Management for Prince George's County Schools (MD)

Grantee: the Neighborhood Design Center

Grant Amount:..... \$74,700
 Matching Funds:..... \$10,000
 Total Project Amount:..... \$84,700

Design green infrastructure and maintenance plans for three Prince George's County Public Schools that will act as a pilot for a school-system wide green infrastructure asset design and management process. Project will provide plans that prioritize managing and reducing stormwater runoff, protect and enhance native flora and fauna and critical habitat, improve campuses' climate resilience, and engage school community members in environmental stewardship.

Implementing Green Infrastructure Across City Neighbors Foundation Campuses (MD)

Grantee: City Neighbors Foundation

Grant Amount:..... \$196,600
 Matching Funds:..... \$166,100
 Total Project Amount:..... \$362,700

Install green infrastructure practices at campuses of the City Neighbors Foundation across Baltimore. Project will treat stormwater runoff from one acre of impervious surfaces and enhance the Foundation's experiential environmental education programs.

Implementing High-Impact Runoff Reduction Projects in Baltimore (MD)

Grantee: Blue Water Baltimore

Grant Amount:..... \$500,000
 Matching Funds:..... \$409,000
 Total Project Amount:..... \$909,000

Install priority, community-identified watershed restoration projects in Baltimore's Howard Park, and Coppin Heights and Ash-Co-East neighborhoods, empower individual homeowners to implement conservation practices, and engage residents in pollution detection and stream learning opportunities. Project will engage more than 900 community members and volunteers and improve stormwater management for nearly four acres of urban land in the city.

Installing Stormwater Wetlands at Baltimore's Union Collective (MD)

Grantee: Central Baltimore Partnership

Grant Amount:..... \$204,300
 Matching Funds:..... \$81,200
 Total Project Amount:..... \$285,500

Install a stormwater wetland at Union Collective, a hub for independently owned, Baltimore-based businesses in the city's Hampden neighborhood. Project will treat runoff from 2 acres of the Union Collective campus and further implementation of a green infrastructure master plan developed for the campus.

Piney Point Living Shoreline and Habitat Restoration Project (MD)

Grantee: GreenTrust Alliance

Grant Amount:..... \$75,000
 Matching Funds:..... \$9,200
 Total Project Amount:..... \$84,200

Design an ecologically holistic and innovative approach to provide shoreline stabilization and essential habitat at Piney Point by using natural structures and shellfish habitat structures like oyster reef balls. Project will result in plans for establishing a functional tidal marsh with a dynamic and resilient shoreline.



Belted kingfisher in the Anacostia River | Credit: Will Parsons/Chesapeake Bay Program

Port Towns Urban Forestry Inventory and Management Plans (MD)

Grantee: the Neighborhood Design Center

Grant Amount:.....\$69,300

Matching Funds:.....\$75,000

Total Project Amount:.....\$144,300

Complete a community-informed street tree inventory, assessment, and design process for three of Prince George's County's Port Towns communities. Project will deliver a plan, maps, recommendations for future plantings, and additional supporting materials for improving and maintaining new and existing tree canopy in public spaces.

Prince George's County Municipal Stormwater Maintenance Training Pilot (MD)

Grantee: The Neighborhood Design Center

Grant Amount:.....\$56,000

Matching Funds:.....\$90,000

Total Project Amount:.....\$146,000

Convene four Prince George's County municipalities with varying degrees of experience in watershed management to form a Public Works Department training and maintenance schedule development cohort. Project will provide hands-on training by local stormwater engineering experts and uniform maintenance schedules customized to each municipality's inventory of stormwater management practices and has the potential to impact more than 3,000 acres of municipal land in the Anacostia River watershed.

Restoring Living Shoreline and Enhancing Community Open Space in Hawkins Cove (MD)

Grantee: City of Annapolis

Grant Amount:.....\$500,000

Matching Funds:.....\$155,000

Total Project Amount:.....\$655,000

Install a living shoreline to improve water quality, habitat and resilience in Hawkins Cove and improve public access for the surrounding community. Project will engage 300 community members in project planning, design and implementation.

Restoring St. Mary's River Oyster Sanctuary through Community Partnerships (MD)

Grantee: Coastal Conservation Association Maryland

Grant Amount:.....\$182,800

Matching Funds:.....\$56,200

Total Project Amount:.....\$239,000

Build and deploy oyster reef ball habitat in the St. Mary's oyster sanctuary, one of fine Maryland tributaries targeted for large-scale oyster reef restoration. Project will utilize community engagement to deploy more than 600 reef balls to serve as reef habitat for oyster populations in the St. Mary's sanctuary.

Reducing Stormwater Runoff and Supporting Black Businesses and Communities (MD)

Grantee: City of Baltimore Planning Department

Grant Amount:.....\$65,000

Matching Funds:.....\$10,300

Total Project Amount:.....\$75,300

Engage three East Baltimore neighborhoods and the National Great Blacks in Wax Museum to create a community-led stormwater management design to manage runoff in the community. Project will inform plans for a community-managed green space for us as a living classroom and other community needs.

Seat Pleasant and Fairmont Heights Urban Forestry Inventory and Management Plans (MD)

Grantee: The Neighborhood Design Center

Grant Amount:.....\$60,900

Matching Funds:.....\$50,000

Total Project Amount:.....\$110,900

Complete a community-engaged street tree inventory, assessment, and design process for the Seat Pleasant and Fairmont Heights communities in Maryland. Project will provide plans, maps, recommendations for future plantings and additional supporting materials for improving and maintaining new and existing tree canopy in public spaces.

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Severn River Watershed Planning Strategy and Subwatershed Action Plan Development (MD)

Grantee: Severn River Association

Grant Amount:\$72,500
 Matching Funds:N/A
 Total Project Amount:\$72,500

Build capacity in the Severn River watershed to implement future on-the-ground water quality and habitat restoration actions. Project will develop a long-term strategy for action plan development that prioritizes subwatersheds for protection and restoration and conduct assessments and develop an action plan for one priority subwatershed.

Transforming a Stormwater Pond Into a Wetland Complex to Enhance Tidal Water Quality and Habitat (MD)

Grantee: The Chesapeake Rivers Association

Grant Amount:\$75,000
 Matching Funds:\$576,700
 Total Project Amount:\$651,700

Retrofit an existing stormwater pond into a regenerative stormwater conveyance with integrated stream and wetland habitat. Project will create and enhance habitat, sequester carbon, improve water quality, mitigate flooding, provide resilience to the effects of climate change, and serve as a prototype for communities with clay core dams around the Chesapeake Bay.

Transforming Urban Lands to Improve Community Resilience, Biodiversity, and Water Quality (MD)

Grantee: Howard EcoWorks

Grant Amount:\$173,900
 Matching Funds:\$91,200
 Total Project Amount:\$265,100

Install tree plantings, perennial agricultural plantings, and conservation landscaping in historically underserved areas across the greater Baltimore region. Project will treat polluted stormwater runoff from nearly five acres and advance improved community engagement in planning and implementation of local conservation projects.

NEW YORK

Denison Park Stormwater and Green Infrastructure Plan (NY)

Grantee: City of Corning

Grant Amount:\$75,000
 Matching Funds:\$5,000
 Total Project Amount:\$80,000

Complete a Stormwater and Green Infrastructure Plan for Denison Park, the City of Corning's most visited and largest park, located adjacent to the Chemung River in New York. Project will identify green infrastructure solutions to address urban stormwater and ensure that water quality of the Chemung River is protected consistent with the City's 2020 Park Strategy.

Expanding Brook Trout Habitat Reconnection and Restoration Efforts (NY)

Grantee: Trout Unlimited

Grant Amount:\$359,200
 Matching Funds:\$18,400
 Total Project Amount:\$377,600

Enhance and increase eastern brook trout populations in Wylie Brook and Bitternut Creek through riparian forest restoration and improved planning, assessment, and design of future restoration actions. Project will expand landowner outreach, complete road stream crossing assessments, and improve collection of species biomass data to inform ongoing restoration efforts.

PENNSYLVANIA

Accelerating Agricultural Pollution Reduction in the Mahantango Watershed (PA)

Grantee: Snyder County Conservation District

Grant Amount:\$414,000
 Matching Funds:\$5,500
 Total Project Amount:\$419,500

Reduce agricultural runoff in the West and North Branches of Mahantango Creek through farmer outreach, development of agricultural conservation plans, and implementation of conservation practices on beef and poultry operations. Project will result in development of 30 agricultural conservation plans to guide future farm management for improved water quality.

Advancing Conservation Practice Implementation Through Planning (PA)

Grantee: Lebanon County Conservation District

Grant Amount:\$61,200
 Matching Funds:\$3,500
 Total Project Amount:\$64,700

Provide additional technical assistance support to assist with the significant amount of requests for conservation plans within the Little Swatara and Swatara Creek watersheds in Lebanon County. Project result in development of more than 50 agricultural conservation plans that will allow the advancement of future implementation of pollutant reduction best management practices on farms in these watersheds.

Agricultural Conservation Planning for Impact with Dairy Farmers of America (PA)

Grantee: Alliance for the Chesapeake Bay

Grant Amount:\$75,000
 Matching Funds:\$75,000
 Total Project Amount:\$150,000

Complete six preliminary concept plans for agricultural conservation practices for producer members of the Dairy Farmers for America cooperative in order to improve water quality in south-central Pennsylvania.

Building Organizational Capacity for Clean Water in Franklin County, Pennsylvania (PA)

Grantee: University of Maryland Environmental Finance Center

Grant Amount:.....\$62,000

Matching Funds:.....N/A

Total Project Amount:.....\$62,000

Establish a new countywide water quality organization that will build local capacity to advance the implementation of water quality improvements identified as priorities in the Franklin County's clean water plans. Project will address critical gaps in restoration capacity within existing agencies and environmental and conservation organizations in the county.

Catalyzing Action for Clean Water in the Capital Region (PA)

Grantee: Capital Resource Conservation and Development Area Council

Grant Amount:.....\$499,700

Matching Funds:.....\$118,300

Total Project Amount:.....\$618,000

Implement new, cost-effective agricultural conservation practices and improve reporting of existing practices across Pennsylvania's capital region through the use of innovative technology and increased staff capacity. Project will utilize trusted conservation partners to improve understanding of the region's current conservation efforts while driving additional water quality improvements consistent with locally led clean water plans.

Comprehensive Nutrient Management Planning for Lancaster County Farms (PA)

Grantee: Stroud Water Research Center

Grant Amount:.....\$499,700

Matching Funds:.....\$654,700

Total Project Amount:.....\$1,154,400

Accelerate implementation of agricultural water quality improvements in Lancaster County through development and implementation of comprehensive nutrient management plans. Project will result in more than 1,100 acres under improved nutrient management and more than four miles of riparian forest buffers and livestock exclusion fencing implemented to protect sensitive stream ecosystems.

Developing Agricultural Conservation Partnerships to Improve Water Quality and Stream Health (PA)

Grantee: The Nature Conservancy

Grant Amount:.....\$75,000

Matching Funds:.....\$75,000

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

Accelerate wetland and stream restoration across agricultural lands in the upper Cocalico Creek watershed of Pennsylvania through the development of a regional-scale partnership that builds capacity for planning and implementation. Project will create a pipeline of landowners interested in restoring

wetlands and streams and a strengthening of partnerships across the watershed that will identify, secure, and implement future projects.

Enhanced Capacity for Delivering Technical Assistance for Watershed Stewardship (PA)

Grantee: Pennsylvania Organization for Watersheds and Rivers

Grant Amount:.....\$39,900

Matching Funds:.....\$26,500

Total Project Amount:.....\$66,400

Establish a formal regional-scale partnership between the Pennsylvania Organization for Watersheds and Rivers and Penn State Extension's Master Watershed Steward program to improve delivery of technical assistance and enhanced local capacity for watershed and habitat restoration efforts. Project will employ virtual and in-person convenings, field site visits, and other approaches to deliver targeted outreach strategies and specific restoration education, training and technical assistance.

Enhancing Resilience of the Cowanesque Watershed through Collaboration (PA)

Grantee: Potter County Conservation District

Grant Amount:.....\$500,000

Matching Funds:.....\$263,600

Total Project Amount:.....\$763,600

Implement more than 11,000 acres of soil health practices across the headwaters of the Cowanesque River in Potter and Tioga counties, including cover crops, no-till, prescribed grazing, and nutrient management. Project will enhance eastern brook trout populations in a high priority patch by restoring connectivity to upstream cold-water habitat through replacement of an existing stream culvert.

Floodplain Restoration on Indian Run (PA)

Grantee: Little Conestoga Watershed Alliance

Grant Amount:.....\$455,600

Matching Funds:.....\$72,000

Total Project Amount:.....\$527,600

Restore approximately 860 linear feet along Indian Run in the Little Conestoga River watershed. Project will create more than a half acres of floodplain wetland habitat.

Floodplain Restoration on Oil Creek (PA)

Grantee: York County Rail Trail Authority

Grant Amount:.....\$500,000

Matching Funds:.....\$1,975,000

Total Project Amount:.....\$2,475,000

Restore more than a mile of Oil Creek to improve water quality and protect a planned trail corridor to improve local public access. Project will restore up to 8 acres of historic wetlands.

Helping Farmers Accomplish Conservation Goals in the West Branch Susquehanna River Watershed (PA)

Grantee: Union County Conservation District

Grant Amount:..... \$500,000
 Matching Funds:..... \$427,800
 Total Project Amount:..... \$927,800

Implement agricultural conservation practices on four farms in the Turtle Creek watershed within the broader West Branch of the Susquehanna River. Project will complete whole farm conservation plans by strategically leveraging federal conservation program funding to fulfill farm-level funding needs.

Implementing Agricultural Conservation Practices on Preserved Farms in Pequea Creek (PA)

Grantee: Lancaster Farmland Trust

Grant Amount:..... \$479,000
 Matching Funds:..... \$415,700
 Total Project Amount:..... \$894,700

Advance water quality improvements in Strasburg Township and the Pequea Creek watershed by coupling farmland protection and landowner outreach. Project will result in 30 new conservation plans for farms in the area and full-scale implementation on two permanently preserved farms.

Improvement Stormwater Management at Harveys Lake (PA)

Grantee: Harveys Lake Borough

Grant Amount:..... \$89,200
 Matching Funds:..... \$13,200
 Total Project Amount:..... \$102,400

Increase efficiency of existing stormwater management facilities by utilizing new filter techniques to improve nitrogen and phosphorus removal. Project will incorporate stormwater monitoring to better understand nutrient removal capacity from practice enhancements.

Increasing Resilience of Priority Eastern Brook Trout Stronghold Patches in the Chesapeake Bay (PA)

Grantee: Trout Unlimited

Grant Amount:..... \$254,000
 Matching Funds:..... \$78,000
 Total Project Amount:..... \$332,000

Enhance and increase eastern brook trout populations in habitat strongholds in Pennsylvania's Pine and Kettle creeks. Project will develop a long-term plan for aquatic connectivity and cold-water habitat enhancements and restore more than a mile of riparian forest habitat.

Kennedy Elementary Green Schoolyard Design (PA)

Grantee: The Trust for Public Land

Grant Amount:..... \$75,000
 Matching Funds:..... \$50,000
 Total Project Amount:..... \$125,000

Design a schoolyard at Kennedy Elementary School in Scranton that meets community needs for a healthy, equitable and climate-resilient community park. Project will provide new opportunities to explore stormwater management in Scranton schoolyards, engage dozens of students and residents in a process of hands-on education about their schoolyard and its place in the watershed, and incorporate a low-income community of color in planning and design of public community green spaces.

Meeting Lancaster County's Clean Water Goals through Riparian Forest Buffers (PA)

Grantee: Stroud Water Research Center

Grant Amount:..... \$499,300
 Matching Funds:..... \$977,400
 Total Project Amount:..... \$1,476,700

Increase capacity and accelerate the rate of installing state-of-the-art riparian forest buffers towards locally led clean water plans for Lancaster and Chester counties. Project will result in more than 40 acres and nearly 10 miles of riparian forest buffer implemented to intercept polluted runoff and protect sensitive stream ecosystems.

Middle Creek Strategic Watershed Restoration Plan (PA)

Grantee: Schuylkill Conservation District

Grant Amount:..... \$50,000
 Matching Funds:..... \$12,000
 Total Project Amount:..... \$62,000

Conduct an assessment of the Middle Creek watershed and develop a restoration plan that addresses sources of stormwater, flooding, sediment, and habitat fragmentation to build environmental and community resiliency. Project will rank pollution sources and watershed stressors and identify specific restoration solutions with highest impact and lowest cost and risk.

Protecting Drinking Water in East Cocalico Township through Farm Collaboration (PA)

Grantee: East Cocalico Township Authority

Grant Amount:..... \$282,700
 Matching Funds:..... \$500,000
 Total Project Amount:..... \$782,700

Improve local drinking water quality in East Cocalico Township by partnering with farmers to implement agricultural conservation practices that reduce nitrogen pollution to local groundwater supplies. Project will implement 900 acres of conservation practices, including cover crops, no-till and adaptive nutrient management.

Protecting Drinking Water in West Cocalico Township through Farm Collaboration (PA)

Grantee: West Cocalico Township Authority
 Grant Amount:..... \$213,000
 Matching Funds:..... \$500,000
 Total Project Amount:..... \$713,000
 Improve local drinking water quality in West Cocalico Township by partnering with farmers to implement agricultural conservation practices that reduce nitrogen pollution to local groundwater supplies. Project will implement 630 acres of conservation practices, including cover crops, no-till and adaptive nutrient management.

Restoring Conewago Creek (PA)

Grantee: Londonderry Township
 Grant Amount:..... \$500,000
 Matching Funds:..... \$836,900
 Total Project Amount:..... \$1,336,900
 Restore and create more than 2,600 linear feet of stream habitat as part of a broader initiative to restore Conewago Creek. Project will restore and reconnect an additional five and a half acres of floodplain.

Restoring Gross Run Stream (PA)

Grantee: Ephrata Borough
 Grant Amount:..... \$500,000
 Matching Funds:..... \$1,843,800
 Total Project Amount:..... \$2,343,800
 Restore approximately 4,500 linear feet along Gross Run and tributaries within the Indian and Cocalico Creek watersheds. Project will create five acres off riparian habitat and nearly an acres of floodplain wetland habitat.

Restoring the Little Conestoga Creek Blue-Green Corridor (PA)

Grantee: The Little Conestoga Creek Foundation
 Grant Amount:..... \$500,000
 Matching Funds:..... \$750,000
 Total Project Amount:..... \$1,250,000
 Advance efforts to establish the Little Conestoga Blue-Green corridor through stream restoration, floodplain reconnection and riparian buffer restoration. Project will restore one acre of floodplain and engage 30 volunteers in restoration activities.

Restoring the Little Conestoga River (PA)

Grantee: East Hempfield Township
 Grant Amount:..... \$499,600
 Matching Funds:..... \$499,600
 Total Project Amount:..... \$999,200
 Restore the Little Conestoga River through a combination of stream restoration, invasive species removal, wetland restoration and creation, installation and retrofit of green infrastructure for stormwater management, and planting of native trees and shrubs. Project will directly restore nearly 1 mile of stream and enhance more than 10 acres of riparian

habitat, while enhancing public access to the restored Little Conestoga.

Restoring Urban Streams to Connect Blair County Communities and Improve Water Quality (PA)

Grantee: Intergovernmental Stormwater Committee
 Grant Amount:..... \$500,000
 Matching Funds:..... \$330,000
 Total Project Amount:..... \$830,000
 Restore 1,800 linear feet of Brush Run Steam Corridor in the priority subwatershed Mill Run Beaverdam Branch, reducing 192,200 pounds annually of sediment and improving water quality and stream health. Project will restore 1 acre of riparian forest buffers and will revitalize and enhance ecosystems for the eastern brook trout, pollinators, aquatic organisms and Pennsylvania native plant species.

Wizard Ranch Floodplain Restoration and Habitat Enhancement (PA)

Grantee: Lancaster Conservancy
 Grant Amount:..... \$75,000
 Matching Funds:..... \$75,000
 Total Project Amount:..... \$150,000
 Create a reach-wide stream restoration plan at Wizard Ranch Nature Preserve. Project will address the overall health of the stream corridor and include recommendations for areas of streambank stabilization, streambed elevation, grade-control structures, invasive species management and installing native plants.

VIRGINIA

Boxerwood Watershed and Wetland Restoration and Planning (VA)

Grantee: Boxerwood Education Association
 Grant Amount:..... \$63,500
 Matching Funds:..... \$4,500
 Total Project Amount:..... \$68,000
 Collaborate with experts to develop a comprehensive plan for managing excess stormwater runoff at the Boxerwood Education Association's nature center and woodland garden in Lexington, Virginia.

Developing Best Practices to Enhance Critical Beach Habitat and Community Resilience (VA)

Grantee: Randolph-Macon College
 Grant Amount:..... \$72,500
 Matching Funds:..... \$10,500
 Total Project Amount:..... \$83,000
 Determine the effects of shoreline stabilization methods on beach habitat and educate relevant stakeholders about the benefits of shoreline management strategies that can enhance both communities and ecosystems. Project will help conserve critical beach habitat for the federally threatened Northeastern beach tiger beetle and increase resilience of Chesapeake Bay beaches and coastal communities.

Empowering Veterans to Engage in Coastal Resiliency (VA)

Grantee: Middle Peninsula Planning District Commission
 Grant Amount:.....\$75,000
 Matching Funds:.....N/A
 Total Project Amount:.....\$75,000
 Develop and formalize a partnership between the Middle Peninsula Chesapeake Bay Public Access Authority and Knott Alone-Hold Fast to utilize military veterans to address existing gaps in the local climate resilience and ecosystem restoration workforce.

Engaging Industrial Properties in Water Quality Improvement for the Elizabeth River (VA)

Grantee: Hampton Roads Planning District Commission
 Grant Amount:.....\$490,600
 Matching Funds:.....\$20,000
 Total Project Amount:.....\$510,600
 Pilot implementation, maintenance and verification of water quality improvement and flood reduction practices on privately owned industrial lands in the Elizabeth River watershed. Project will provide a model for expanded engagement of industrial landowners in voluntary contributions to Hampton Road's clean water and climate resilience goals.

Expanding Manure Injection as a Standard Application Method on Dairy Farms (VA)

Grantee: Shenandoah Valley Soil & Water Conservation District
 Grant Amount:.....\$500,000
 Matching Funds:.....\$950,000
 Total Project Amount:.....\$1,450,000
 Expand the adoption of manure injection as a standard approach to better applying manure nutrients for agricultural production and water quality benefits through trusted local agricultural conservation partners. Project will result in 4,500 cropland acres under improved nutrient management.

Farmer-Led Innovations in Cover Cropping (VA)

Grantee: Sustainable Chesapeake
 Grant Amount:.....\$499,800
 Matching Funds:.....\$680,000
 Total Project Amount:.....\$1,179,800
 Expand the adoption of cover crops among Virginia farms by demonstrating and evaluating innovative technologies that reduce time and input costs associated with cover cropping systems. Project will result in 7,580 acres of new cover crops planted across Virginia.

Green Infrastructure Improvements to Richmond's Blackwell Playground (VA)

Grantee: Alliance for the Chesapeake Bay
 Grant Amount:.....\$500,000
 Matching Funds:.....\$1,380,200
 Total Project Amount:.....\$1,880,200
 Implement green infrastructure practices to enhance recent improvements at Blackwell Playground in Richmond's Blackwell neighborhood. Project will improve water quality and reduce local heat island impacts through community engagement alongside trust community partners.

Greening and Community Connections in Highland Park (VA)

Grantee: Groundwork RVA
 Grant Amount:.....\$75,000
 Matching Funds:.....\$2,500
 Total Project Amount:.....\$77,500
 Improve community engagement of Richmond's Highland Park neighborhood to address concerns around gentrification and displacement at a critical time for the community given planned greening efforts underway. Project will add to the tree canopy both at street level and in community green spaces, including small-scale urban forests, and demonstrate that disparate impacts from the urban heat island effect are not an inevitable outcome for low-and-moderate income communities.

Greening Faith Places and Community Spaces (VA)

Grantee: Chesapeake Bay Foundation
 Grant Amount:.....\$467,200
 Matching Funds:.....\$122,800
 Total Project Amount:.....\$590,000
 Enhance water quality improvement efforts in Central Virginia through tree planting on public lands, job training for at-risk youth, and partnering with houses of worship to plan, design, and install green infrastructure practices on congregational properties. Project will engage 160 volunteers and improve stormwater management for more than 3 acres.

Habitat and Fish Passage Assessments in Virginia Brook Trout Stronghold Focal Areas (VA)

Grantee: Trout Unlimited
 Grant Amount:.....\$74,500
 Matching Funds:.....\$10,000
 Total Project Amount:.....\$84,500
 Fill data gaps in eastern brook trout strongholds of the Upper Jackson River, the Upper Cowpasture River, and the Upper North Fork Shenandoah River in Virginia. Project will assess fish passage at nearly 200 road stream crossings, conduct biological surveys and data analysis for more than 60 catchments to determine the presence or absence of brook trout, and measure stream temperatures and instream habitat quality in reaches of streams most heavily impacted by agricultural land use.

Improve Resilience of Riparian Forests in the Urban Corridor of the Rivanna River (VA)

Grantee: Rivanna Conservation Alliance

Grant Amount:..... \$340,000
 Matching Funds:..... \$153,300
 Total Project Amount:..... \$493,300

Organize and implement a coordinated effort among nonprofits, local governments and community stakeholders to improve riparian forest resilience in the urban corridor of the Rivanna River. Project will result in improved management of 130 acres of riparian forests across three urban river parks.

Improving Aquatic Organism Passage for Brook Trout in the Upper North Fork Shenandoah River (VA)

Grantee: Trout Unlimited

Grant Amount:..... \$252,500
 Matching Funds:..... \$90,000
 Total Project Amount:..... \$342,500

Enhance and increase eastern brook trout populations in the Upper North Fork of the Shenandoah River. Project will reconnect 21 miles of high-quality headwaters habitat by removing two barriers to fish movement and unite two fragmented habitat patches into a larger, more resilient unit.

Middle James River Preservation Plan (VA)

Grantee: Central Virginia Planning District Commission (CVPDC)

Grant Amount:..... \$75,000
 Matching Funds:..... \$13,800
 Total Project Amount:..... \$88,800

Provide the foundation for a science and engineering-based evaluation of practices that can be employed to reduce the impacts of stormwater, sedimentation, streambank erosion in and around Lynchburg and Madison Heights in Amherst County, Virginia. Project will result in a plan that will include at least five priority projects or programs and include associated cost estimates, stakeholder partners and funding mechanisms.

Opening Barn Doors for Clean Water and Healthy Cows (VA)

Grantee: Alliance for the Chesapeake Bay

Grant Amount:..... \$500,000
 Matching Funds:..... \$550,000
 Total Project Amount:..... \$1,050,000

Assist dairy farmers with developing and implementing conservation plans with the partnership of the Maryland Virginia Milk Producers Cooperative, Virginia Department of Conservation and Recreation, and local soil and water conservation districts. Project will work with farmers in the Shenandoah Valley to install riparian forest buffers and upland forest plantings, stream exclusion fencing, rooftop runoff controls, manure management and nutrient management plans.

Petersburg Battlefield Flood Remediation and Drainage Improvements (VA)

Grantee: James River Association

Grant Amount:..... \$75,000
 Matching Funds:..... \$80,100
 Total Project Amount:..... \$155,100

Engage the Petersburg's Lakemont neighborhood in planning and design work associated with the Petersburg Battlefield Flood Remediation and Drainage Improvements project. Project will support efforts to alleviate detrimental flooding caused by stormwater through the design and implementation of engineered solutions.

Piedmont Grassland Bird Initiative to Guide and Strengthen Working Lands Conservation (VA)

Grantee: Smithsonian Institution

Grant Amount:..... \$500,000
 Matching Funds:..... N/A
 Total Project Amount:..... \$500,000

Enhance collective capacity to better manage agricultural lands in Virginia as habitat for grassland birds through enhanced regional conservation planning, consistent landowner messaging across local conservation partners, and applied research to understand and improve ongoing efforts. Project will improve grassland habitat management on 3,000 acres across the Virginia Piedmont and Shenandoah Valley and permanently protect 600 acres of critical grassland habitat.

Rappahannock River Oyster Restoration Partnership (VA)

Grantee: Friends of the Rappahannock

Grant Amount:..... \$499,600
 Matching Funds:..... \$347,000
 Total Project Amount:..... \$846,600

Increase regional capacity and implementation efforts to restore oyster populations in Virginia's Rappahannock River. Project will restore 25 acres of oyster reef and plant more than one million oysters through engagement of local schools and businesses, nonprofits and research institutes, and volunteers.

Resilience-Based Shoreline Protection and Habitat Restoration on Hog Island (VA)

Grantee: Middle Peninsula Planning District Commission

Grant Amount:..... \$500,000
 Matching Funds:..... N/A
 Total Project Amount:..... \$500,000

Install a nature-based shoreline protection and habitat restoration project along Hog Island in Gloucester County, Virginia. Project will protect and enhance habitat for shorebirds, oysters, and other species, and protect vulnerable communities at risk from shoreline erosion and coastal storms.

Restoring and Stewarding the Ancestral Watershed of the Upper Mattaponi Indian Tribe (VA)

Grantee: Upper Mattaponi Indian Tribe

Grant Amount:..... \$500,000
 Matching Funds:..... \$54,800
 Total Project Amount:..... \$554,800

Restore and steward the recently reacquired lands of the Upper Mattaponi Indian Tribe in King William County through conservation design and implementation of aquatic ecosystem restoration efforts. Project will implement 115 acres of agricultural conservation practices to improve water quality and habitat and restore a half mile of stream habitat.

Shenandoah County River Heroes Pilot Program (VA)

Grantee: Northern Shenandoah Valley Regional Commission

Grant Amount:..... \$74,600
 Matching Funds:..... \$17,600
 Total Project Amount:..... \$92,200

Provide resources and social incentives for individuals, organizations, businesses and municipalities to adopt practices that reduce nonpoint source pollution and support water quality in Shenandoah County. Project will perform formative research needed to understand our target audiences, design an effective social marketing strategy for each audience, define target behaviors, and develop tailored outreach and program materials for each audience.

Short Hills Indigenous Wetland Assessment and Restoration Plan (VA)

Grantee: NDPonics

Grant Amount:..... \$75,000
 Matching Funds:..... \$1,125,000
 Total Project Amount:..... \$1,200,000

Develop a wetland assessment and restoration and management plan for a Indigenous-owned mountaintop forestland in Rockbridge County, Virginia. Project will provide essential data for critical future implementation efforts aimed at restoring wetland conditions to protect endangered species and migratory bird habitat while also preventing future aquatic ecosystem failure.

Uniting the Community to Develop the Knitting Mill Creek Eco-Corridor (VA)

Grantee: The Elizabeth River Project

Grant Amount:..... \$500,000
 Matching Funds:..... \$400,000
 Total Project Amount:..... \$900,000

Establish the Knitting Mill Creek Eco-Corridor along one of the Elizabeth River's most impacted urban tributaries. Project will engage local homeowners and businesses to adopt green infrastructure and coastal resilience practices, implement showcase restoration projects at the Elizabeth River Project's Ryan Resilience Lab, and engage Norfolk State University to support enhanced community outreach and engagement in the surrounding community.

WASHINGTON, D.C.

Correcting Sewer Systems to Benefit Anacostia Watershed Communities (DC)

Grantee: Department of Energy and Environment

Grant Amount:..... \$180,000
 Matching Funds:..... \$16,300
 Total Project Amount:..... \$196,300

Reduce sanitary sewer discharges in environmental justice communities in the Anacostia River watershed through an innovative approach to community engagement in planning, prioritizing, and financing sanitary sewer corrections.

Planning for Rock Creek Park's Forests (DC)

Grantee: Rock Creek Conservancy

Grant Amount:..... \$74,900
 Matching Funds:..... \$75,000
 Total Project Amount:..... \$149,900

Create a landscape-scale plan to restore and maintain the forests in the Rock Creek watershed while engaging community members in people-powered restoration to sustain this restoration beyond Rock Creek Park's borders.

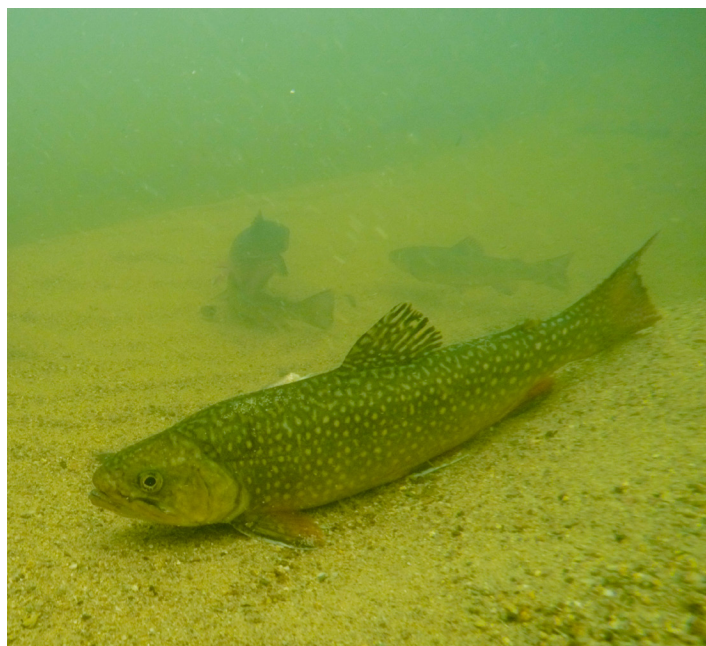
WEST VIRGINIA

Restoring Mine Lands through More Efficient Distribution Agricultural Nutrients (WV)

Grantee: West Virginia National Guard Foundation

Grant Amount:..... \$499,100
 Matching Funds:..... \$100,000
 Total Project Amount:..... \$599,100

Improve transport of poultry litter from West Virginia's Chesapeake Bay watershed to enhance abandoned mine reclamation efforts across the state. Project will support mine reclamation efforts on 180 acres for the Patriot Apple Project benefitting ex-coal miners and veterans in the region.



Brook trout in Virginia | Credit: Will Parsons/Chesapeake Bay Program

(continued)

Watershed and Habitat Restoration at Seneca Rocks to Enhance Recreation and Community Benefits (WV)

Grantee: Trout Unlimited

Grant Amount:..... \$500,000
 Matching Funds:..... \$409,500
 Total Project Amount:..... \$909,500

Enhance eastern brook trout populations, improve watershed conditions, and expand recreation and educational opportunities in the Spruce Knob Seneca Rocks National Recreation Area. Project will reconnect one and a half miles of brook trout habitat and an additional mile of riparian forest habitat.

MULTIPLE STATES**Accelerating Riparian Forest Buffer Implementation in the Mason Dixon Region (MD, PA)**

Grantee: Alliance for the Chesapeake Bay

Grant Amount:..... \$500,000
 Matching Funds:..... \$507,000
 Total Project Amount:..... \$1,007,000

Develop and pilot a conservation incentive program that accelerates the adoption and establishment of riparian forest buffers by agricultural producers in Maryland and Pennsylvania. Project will restore 35 miles of critical riparian habitat and result in the planting of nearly 50,000 trees.

Building and Advancing Capacity of Chesapeake Nonprofits to Accelerate Water Quality Improvements (DC, DE, MD, NY, PA, VA, WV)

Grantee: National Wildlife Federation

Grant Amount:..... \$286,500
 Matching Funds:..... \$70,000
 Total Project Amount:..... \$356,500

Coordinate efforts to create a more inclusive and diverse Chesapeake Bay watershed restoration movement and support regional and watershed-wide convenings to improve collaboration and impact among nearly 300 nonprofits working towards Bay restoration.

Eastern Brook Trout Habitat Assessments for Strongholds in the South Branch of Potomac (VA, WV)

Grantee: Trout Unlimited

Grant Amount:..... \$74,800
 Matching Funds:..... \$10,800
 Total Project Amount:..... \$85,600

Fill data gaps in brook trout presence, aquatic organism passage, and instream and riparian habitats to further watershed restoration plans for brook trout strongholds in the South Branch and the North Fork of the South of the Potomac. Project will improve understanding of brook trout patch dynamics, an updated data set for aquatic organism passage project prioritization, and regional watershed scale restoration plans to further prioritize restoration efforts.

Embracing and Promoting Afforestation in the Riparian Corridor and Beyond (PA, NY)

Grantee: Tioga County Soil and Water Conservation District of New York

Grant Amount:..... \$500,000
 Matching Funds:..... \$205,000
 Total Project Amount:..... \$705,000

Accelerate tree planting in riparian and upland areas of the Upper Susquehanna watershed through proven programs and existing soil and water conservation district partners, while expanding community partnerships for tree planting and stewardship. Project will result in 30,000 new trees planted across more than 100 acres.

Establishing a Chesapeake Capacity Builders Institute to Expand Capacity for Clean Water (DC, DE, MD, NY, PA, VA, WV)

Grantee: Alliance for the Chesapeake Bay

Grant Amount:..... \$399,100
 Matching Funds:..... \$195,100
 Total Project Amount:..... \$595,200

Increase regional capacity to implement watershed restoration and conservation projects more efficiently and effectively by establishing and Chesapeake Capacity Builders Institute. Project will engage 130 watershed stewardship leaders in piloting efforts to build and enhance collective watershed project management.

Expanding Rotational Grazing through the Mountains to Bay Grazing Alliance (MD, PA, VA, WV)

Grantee: Chesapeake Bay Foundation

Grant Amount:..... \$493,800
 Matching Funds:..... \$238,800
 Total Project Amount:..... \$732,600

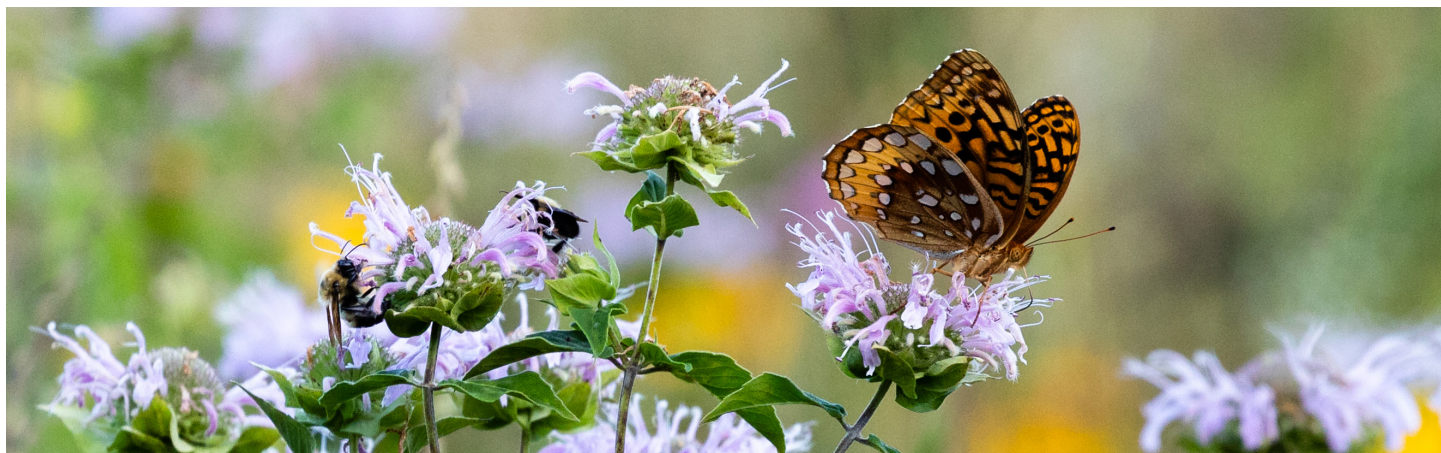
Expand the adoption of rotational grazing practices among dairy and livestock operations in the Shenandoah Valley, western and central Maryland, and southcentral Pennsylvania. Project will utilize conservation and farm networks to improve grazing management on 1,200 acres.

Green Infrastructure Training for Latino Landscape Professionals of the Chesapeake Bay Watershed (MD, DC, VA)

Grantee: ecoLatinos

Grant Amount:..... \$252,700
 Matching Funds:..... \$63,500
 Total Project Amount:..... \$316,200

Develop and implement a culturally relevant Spanish-language green infrastructure training for landscape professionals across Maryland, Virginia and the District of Columbia. Project will train 36 professionals and serve as a replicable model for engaging new communities in regional watershed restoration efforts.



Great spangled fritillary butterfly in Pennsylvania | Credit: Will Parsons/Chesapeake Bay Program

Implementing the Delmarva Restoration and Conservation Network Strategic Plan (DE, MD, VA)

Grantee: Lower Shore Land Trust

Grant Amount:.....\$38,400
 Matching Funds:.....\$100,000
 Total Project Amount:.....\$138,400

Support the coordination of the Delmarva Restoration and Conservation Network, an cross-sector collaborative working to address habitat loss, climate resiliency, under-resourced communities and water quality improvement on the Delmarva Peninsula. Project will directly support implementation of the Network's Conservation and Restoration Strategic Action Plan.

Improving Nutrient Management Programs through Collaboration (DE, MD, NY, PA, VA, WV)

Grantee: Sustainable Chesapeake

Grant Amount:.....\$65,900
 Matching Funds:.....N/A
 Total Project Amount:.....\$65,900

Improve nutrient management program delivery by facilitating collaboration among nutrient management leaders throughout the Chesapeake Bay region. Project will improve collaboration among land grant universities in the region, working across state lines with those leading the development of agricultural nutrient management recommendations across the watershed.

Jumpstarting Organic Valley's Dairy Sustainability Strategy in the Chesapeake Bay Watershed (MD, NY, PA, VA)

Grantee: Alliance for the Chesapeake Bay

Grant Amount:.....\$500,000
 Matching Funds:.....\$199,000
 Total Project Amount:.....\$699,000

Partner with Organic Valley to provide cost-effective agricultural conservation practices to manage agricultural runoff, improve water quality and wildlife habitat, and address climate change on organic dairy farms in the Bay watershed. Project will restore five miles of riparian habitat and engage an additional 200 volunteers in implementing on-farm conservation practices.

Protecting and Restoring Forest and Grasslands (VA,WV)

Grantee: Rolling Ridge Conservancy

Grant Amount:.....\$265,000
 Matching Funds:.....\$298,700
 Total Project Amount:.....\$563,700

Implement a forest stewardship plan and grassland restoration on 1,795 acres of forest and floodplain along the Shenandoah River at the Virginia-West Virginia border. Project will permanently protect 100 acres and convert an additional 60 acres of turf and invasive plants to native grassland habitat.

Reconnecting and Restoring Brook Trout Strongholds in the South Branch of the Potomac River (VA, WV)

Grantee: Trout Unlimited

Grant Amount:.....\$495,300
 Matching Funds:.....\$573,300
 Total Project Amount:.....\$1,068,600

Enhance and increase eastern brook trout populations in the South Branch of the Potomac River in Virginia and West Virginia. Project will reconnect 16 miles of high-quality headwaters habitat and restore nearly nine miles of riparian habitat through livestock exclusion and riparian forest buffers.

Riparian Rangers Volunteer Program (PA, MD)

Grantee: Alliance for the Chesapeake Bay

Grant Amount:.....\$75,000
 Matching Funds:.....\$98,600
 Total Project Amount:.....\$173,600

Expand the successful Riparian Rangers program by training 100 new volunteers on riparian forest buffer establishment maintenance while providing additional educational opportunities and resources. Project will result in three new regional Branches of the Riparian Rangers program within priority watersheds in Maryland and Pennsylvania which will enable enhanced stewardship of around 250 acres of riparian forest buffer plantings.