



NFWF

Chesapeake Small Watersheds 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

FUNDING PARTNER

- U.S. Environmental Protection Agency
- Altria Group

ABOUT NFWF

The National Fish and Wildlife Foundation (NFWF) works with partners to foster sustainable and impactful conservation solutions so that people and nature thrive together. Chartered by Congress in 1984, NFWF has grown to become the nation's largest conservation foundation. Since its founding, NFWF has funded more than 23,900 projects that have generated a total conservation impact of \$12 billion.

Learn more at www.nfwf.org

NATIONAL HEADQUARTERS

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



American black duck

OVERVIEW

The National Fish and Wildlife Foundation (NFWF) and U.S. Environmental Protection Agency announced a new round of funding for the Chesapeake Bay Small Watershed Grants (SWG) projects. Sixty-eight new or continuing conservation and restoration grants totaling \$23.4 million were awarded. The 68 awards announced leveraged \$21.1 million in matching contributions from the grantees, providing a total conservation impact of \$44.5 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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Riparian buffer at a farm in Pennsylvania

SWG PLANNING AND TECHNICAL ASSISTANCE
Accelerated Design and Planning for Stream Restoration and Reforestation in Bradford County (PA)
Grantee: Bradford County Conservation District
Grant Amount:..... \$97,400
Matching Funds:..... \$550,000
Total Project Amount:..... \$647,400
Develop stream restoration designs and reforestation plans to accelerate watershed restoration in Bradford County, Pennsylvania. Project will address water quality impacts from erosion and deforestation and develop plans that will expedite implementation and accelerate sediment and nutrient reductions outlined in Bradford’s Countywide Action Plan for local watershed restoration.

Accelerating Technical Assistance for Wetland Conservation and Restoration (DE, MD, VA)
Grantee: Ducks Unlimited
Grant Amount:..... \$149,500
Matching Funds:..... \$0
Total Project Amount:..... \$149,500
Provide targeted landowner outreach and engineering support for wetland design, topographic surveys and construction oversight across the Delmarva Peninsula. Project will advance wetland conservation and improve American black duck habitat through increased participation in the USDA Natural Resources Conservation Service’s Working Lands for Wildlife Black Duck Initiative.

Advancing Nature-based Resilience Planning in Galesville (MD)
Grantee: University of Maryland Center for Environmental Science
Grant Amount:..... \$149,900
Matching Funds:..... \$0
Total Project Amount:..... \$149,900
Engage the Galesville community to assess resilience threats, identify nature-based resilience solutions and build local capacity for coastal resilience planning along the West River. Project will produce a community-informed roadmap to guide future on-the-ground nature-based resilience implementation.

Assessing Nature-based Stormwater Infrastructure across Richmond Public Schools (VA)
Grantee: Alliance for the Chesapeake Bay
Grant Amount:..... \$150,000
Matching Funds:..... \$24,000
Total Project Amount:..... \$174,000
Conduct a stormwater infrastructure conditions inventory across up to 50 Richmond Public Schools campuses to assess the condition, maintenance needs and effectiveness of existing installations and guide future efforts across the school division. Project will engage over 500 community members in the inventory results and develop a refined infrastructure concept plan with engineering support for one priority campus to improve stormwater management and expand access to high-quality natural areas.

Building Capacity for Conservation for Grassroots Watershed Groups in Lancaster County (PA)

Grantee: Lancaster County Conservation District

Grant Amount:.....\$48,300

Matching Funds:.....\$72,800

Total Project Amount:.....\$121,100

Provide watershed restoration practice planning, technical assistance and support to grassroots watershed groups in targeted watersheds of Lancaster County, Pennsylvania. Project will increase capacity of local watershed groups and leverage existing countywide collaboratives to further accelerate water quality and stream health improvements in Lancaster County.

Building Capacity for Watershed Restoration on Maryland's Eastern Shore (MD)

Grantee: Shorivers

Grant Amount:.....\$110,500

Matching Funds:.....\$4,000

Total Project Amount:.....\$114,500

Create a replicable engagement and restoration planning framework for rural towns on Maryland's Eastern Shore that have limited planning capacity in order to drive local watershed restoration and resilience efforts. Project will deploy a circuit rider approach to add local planning capacity, pilot engagement and planning with the towns of Denton and Millington, and produce activation reports that identify and advance projects that improve water quality, reduce flood risk and support sustainable growth.

Building a Coordinated Statewide Partnership to Advance Soil Health in Maryland

Grantee: Future Harvest

Grant Amount:.....\$141,200

Matching Funds:.....\$0

Total Project Amount:.....\$141,200

Build a durable, farmer-centered statewide coalition to align partners and accelerate adoption of soil health practices across Maryland agricultural lands. Project will expand the Million Acre Challenge, a statewide soil health initiative, through farmer learning, benchmarking and incentive programs to improve water quality and farm resilience.

Building Watershed Career Paths and Watershed Restoration Project Pipelines in Richmond (VA)

Grantee: Defensores de la Cuenca

Grant Amount:.....\$149,000

Matching Funds:.....\$0

Total Project Amount:.....\$149,000

Identify priority restoration sites, develop partnerships and design a community engagement framework for nature-based solutions in the Richmond region. Project will expand tree canopy and natural infrastructure capacity through tailored community outreach and technical assistance to advance shovel-ready restoration projects.

Community-led Planning for Nature-based Infrastructure Along the Southside Fall Line Trail Corridor (VA)

Grantee: Groundwork RVA

Grant Amount:.....\$147,200

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

Total Project Amount:.....\$157,200

Identify and prioritize sites for nature-based infrastructure along the Southside Fall Line Trail corridor in Richmond through community engagement and trail corridor assessments. Project will produce conceptual designs for bioswales, tree planting and vacant lot restoration to reduce stormwater runoff and position sites for future implementation.

Conservation Planning for Headwater Wetland and Habitat Restoration on the Upper Chester (MD)

Grantee: Shorivers

Grant Amount:.....\$149,600

Matching Funds:.....\$0

Total Project Amount:.....\$149,600

Develop a holistic conservation plan and restore a 181-acre farm property in the Upper Chester River headwaters from cropland to wetland, forest and early successional habitat. Project will create construction-ready designs to restore 2,000 linear feet of agricultural ditch into a 15-acre headwater wetland complex to improve water quality and wildlife habitat.

Creating a Community Resilience Plan for the Community of Tylerton on Smith Island (MD)

Grantee: Smith Island United

Grant Amount:.....\$87,800

Matching Funds:.....\$0

Total Project Amount:.....\$87,800

Develop conceptual plans to address stormwater and tidal flooding for the Tylerton community on Smith Island. Project will produce community-developed designs to obtain full permitting and setting the stage for future implementation of flood resilience practices for this vulnerable Somerset County community.

Delivering Watershed Restoration Technical Assistance in the Choptank River Watershed (DE, MD)

Grantee: Center for Watershed Protection

Grant Amount:.....\$149,500

Matching Funds:.....\$0

Total Project Amount:.....\$149,500

Provide coordinated technical assistance to small and rural local governments in the Choptank River watershed in Delaware and Maryland to advance planning and design, financing and implementation of watershed restoration projects. Project will build municipal capacity, reduce systemic barriers to restoration and achieve watershed outcomes across multiple jurisdictions.

(continued)



Oysters

Developing Land Conservation Strategies for Public Water Utilities (PA)

Grantee: North Branch Land Trust

Grant Amount:..... \$119,300

Matching Funds:..... \$123,200

Total Project Amount:..... \$242,500

Conduct geospatial data analysis and partner engagement to develop a water resource-based land conservation strategy for drinking water systems in the North Branch Susquehanna River watershed. Project will advance due diligence on two to five high-priority properties and position partners to acquire 600 to 1,000 acres for source water protection.

Developing a Watershed Management Plan for the City of Bowie (MD)

Grantee: City of Bowie

Grant Amount:..... \$140,000

Matching Funds:..... \$20,000

Total Project Amount:..... \$160,000

Produce a strategic, data-driven watershed management plan for the City of Bowie to drive future implementation and water quality improvement efforts in the Upper Patuxent River and the Patuxent River's Western Branch watersheds. Project will identify and prioritize stream restoration, stormwater retrofits and nature-based infrastructure opportunities that support Bowie's stormwater management and Chesapeake Bay restoration goals.

Empowering Calvert County Communities to Implement Nature-based Solutions (MD)

Grantee: University of Maryland Center for Environmental Science

Grant Amount:..... \$148,500

Matching Funds:..... \$43,500

Total Project Amount:..... \$192,000

Synthesize science on living shorelines, oysters and submerged aquatic vegetation to develop a suitability index and comprehensive guidance document for nature-based solutions in Calvert County. Project will streamline nature-based solution implementation by clarifying where and how these practices can be combined to optimize ecological and community benefits.

Enhancing Grazing Management Practices (VA)

Grantee: Friends of the Rappahannock

Grant Amount:..... \$149,000

Matching Funds:..... \$2,500

Total Project Amount:..... \$151,500

Evaluate virtual fencing as a new tool for advancing livestock stream exclusion and rotational grazing practices on farms across Virginia's Chesapeake Bay watershed. Project will deploy approximately 200 GPS-enabled e-collars across four farms and evaluate potential for incorporating virtual fencing technologies into existing agricultural cost-share programs as a way to reduce infrastructure costs and expand adoption of livestock exclusion and rotational grazing practices across the region.

Enhancing Post-planting Maintenance for Riparian Forest Buffers (PA)

Grantee: Stroud Water Research Center

Grant Amount:..... \$127,700

Matching Funds:..... \$0

Total Project Amount:..... \$127,700

Enhance post-planting establishment activities for riparian forested buffers in southcentral Pennsylvania and support landowners in addressing invasive plants and herbivory. Project will improve the health and long-term function of riparian forest buffers and document physical conditions across this age class.

Living Shoreline Assessment and Design for Leesylvania State Park (VA)

Grantee: Northern Virginia Regional Commission

Grant Amount:..... \$147,000

Matching Funds:..... \$10,600

Total Project Amount:..... \$157,600

Conduct a site assessment and develop a construction-ready living shoreline design to restore 1,000 feet of park shoreline. Project will reduce erosion, build aquatic and terrestrial habitat, improve water quality and enhance coastal resiliency in Prince William County.

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Living Shoreline Design and Stormwater Outfall Rehabilitation in Talbot Creek (VA)

Grantee: City of Norfolk

Grant Amount:..... \$100,000

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

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

Design a living shoreline and rehabilitate a stormwater outfall to stabilize a section of shoreline in the Talbot Hall neighborhood of Norfolk. Project will deploy engineering support to collaboratively assess Talbot Creek in partnership with representatives from the City of Norfolk and members of the Talbot Hall community and complete preliminary restoration designs.

Manureshed Analysis to Inform Nutrient Management Plans in Lancaster County and Smith Creek (PA, VA)

Grantee: Sustainable Chesapeake

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

Matching Funds:..... \$18,700

Total Project Amount:..... \$168,700

Develop manureshed analyses for Lancaster County, Pennsylvania, and Virginia's Smith Creek watershed to identify solutions for managing excess manure. Project will quantify manure production, assess crop nutrient demand and facilitate stakeholder dialogue on cost-effective manure redistribution strategies.

Municipal Stormwater Maintenance Training in the Anacostia Watershed (DC, MD)

Grantee: The Neighborhood Design Center

Grant Amount:..... \$80,300

Matching Funds:..... \$5,000

Total Project Amount:..... \$85,300

Provide municipal stormwater training, public workshops and technical assistance to support effective maintenance of nature-based stormwater practices. Project will improve long-term nature-based stormwater infrastructure performance, expand workforce capacity and foster collaboration among municipalities and residents.

Nature-based Resilience Planning for Benjamin Syms Middle School in Hampton, Virginia

Grantee: James River Association

Grant Amount:..... \$148,600

Matching Funds:..... \$7,900

Total Project Amount:..... \$156,500

Engage students, school administrators and the local community to create a concept plan to strengthen the resilience of Benjamin Syms Middle School through the use of nature-based solutions. Project will produce preliminary designs to drive future actions to absorb stormwater runoff, enhance vegetative buffers and marsh habitat, and build coastal resilience in a region highly vulnerable to flooding and coastal inundation.

Nature-based Resilience and Stormwater Retrofit Planning in Anne Arundel County (MD)

Grantee: Low Impact Development Center

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

Matching Funds:..... \$6,000

Total Project Amount:..... \$156,000

Identify nature-based resilience and restoration opportunities through flooding analyses, shoreline assessments and community-informed planning. Project will prioritize future stormwater and shoreline restoration projects that reduce flooding, improve water quality and restore coastal and watershed habitat.

Nature-based Stormwater Planning and Implementation in Prince George's County (MD)

Grantee: The Neighborhood Design Center

Grant Amount:..... \$77,600

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

Total Project Amount:..... \$78,600

Expand an educational program to teach high school students how to implement and maintain nature-based infrastructure and stormwater management in Prince George's County, Maryland. Project will produce a student-led nature-based infrastructure master plan and implement a stormwater practice on school grounds to improve water quality.

Planning and Design for Ditch Restoration in the Nanticoke River Watershed (DE)

Grantee: Nanticoke Watershed Alliance

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

Matching Funds:..... \$60,400

Total Project Amount:..... \$210,400

Identify priority drainage ditch restoration areas in the Nanticoke River watershed in Delaware, explore potential ditch restoration designs and develop a comprehensive outreach plan to scale future ditch restoration efforts. Project will improve water quality and habitat in drainage ditch systems and increase landowner interest and adoption of ditch restoration practices.

Protecting Coastal Habitats and Enhancing Resilience through Remediation of Wastewater Ponds (MD)

Grantee: University of Maryland

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

Matching Funds:..... \$4,500

Total Project Amount:..... \$154,500

Inventory, assess and prioritize restoration of wastewater infiltration ponds in Dorchester County to protect water quality, coastal habitat and community resilience. Project will complete a comprehensive condition and risk assessment of aging onsite sewage facilities near sensitive aquatic habitat and establish data-driven restoration pathways.



Brook trout

Providing Technical Assistance for Stormwater Infrastructure in Small Municipalities (DE, MD, VA)

Grantee: Alliance for the Chesapeake Bay
Grant Amount:..... \$150,000
Matching Funds:.....\$70,000
Total Project Amount:..... \$170,200
Provide technical assistance for nature-based stormwater practices, such as rain gardens and permeable surfaces, to small municipalities in Delaware, Maryland and Virginia through partnerships with municipal leagues. Project will expand a replicable model for accelerating watershed restoration goals and driving nature-based stormwater improvements.

Reconnecting River Herring Habitat on Rappahannock Tribal Lands (VA)

Grantee: Smithsonian Institution
Grant Amount:.....\$85,000
Matching Funds:..... \$0
Total Project Amount:.....\$85,000
Complete survey, design, engineering and permitting for fish passage at Jones Creek Dam on the lower Rappahannock River. Project will advance future efforts to reconnect river herring to Rappahannock Tribal Lands at Fones Cliffs and restore nine miles spawning habitat for alewife and blueback herring populations.

Restoration Planning for the Rock Creek Watershed (DC)

Grantee: Rock Creek Conservancy
Grant Amount:..... \$133,800
Matching Funds:..... \$101,000
Total Project Amount:..... \$234,800
Complete ecological assessments, archaeological compliance and site-specific restoration plans for 26 acres of upland forest and meadow restoration in Rock Creek Park. Project will produce shovel-ready designs for invasive species management, native plantings, and long-term maintenance to improve forest health and water quality.

Restoring Forest Habitat in the Susquehanna River Watershed (PA)

Grantee: Pennsylvania Environmental Council
Grant Amount:.....\$57,400
Matching Funds:.....\$30,300
Total Project Amount:.....\$87,800
Support planning and technical assistance focused on reforestation of legacy mine lands within Pennsylvania’s portion of the Susquehanna River watershed. Project will establish a coordinated partnership with Pennsylvania universities and colleges to advance watershed-scale forest and mine land restoration to improve local water quality, forest habitat and restoration-focused workforce development opportunities

Restoring Living Shorelines and Oyster Habitat in Hellen Creek (MD)

Grantee: Southern Maryland Resource Conservation and Development Board

Grant Amount:..... \$129,300

Matching Funds:..... \$142,000

Total Project Amount:..... \$271,300

Complete design and permitting for oyster reef structures and establish a community-driven oyster growing program to benefit tidal habitat restoration efforts in Hellen Creek in Calvert County, Maryland. Project will advance the restoration of up to 4 acres oyster reef near existing sanctuaries and build regional capacity to scale up living shoreline and oyster restoration.

Restoring Submerged Aquatic Vegetation through Oyster-assisted Filtration in Marley Creek (MD)

Grantee: University of Maryland Center for Environmental Science

Grant Amount:..... \$147,000

Matching Funds:..... \$47,300

Total Project Amount:..... \$194,300

Deploy an innovative, community-driven approach to leverage oysters as a nature-based filtration tool for restoring submerged aquatic vegetation (SAV) in Marley Creek, a degraded tributary of the Patapsco River in Maryland. Project will pilot a novel, replicable strategy to use oysters as a temporary nature-based solution to improve water clarity prior to SAV planting and support the development of a predictive scaling framework for enhancing the success of future SAV restoration efforts.

Strategic Watershed Restoration Planning for the Monocacy River and Catoctin Creek (MD)

Grantee: Catoctin Land Trust

Grant Amount:..... \$146,100

Matching Funds:..... \$150,000

Total Project Amount:..... \$296,100

Update the Heart of Maryland Collaborative’s strategic action plan for stream protection and land conservation in the Monocacy River and Catoctin Creek watersheds of Frederick County. Project will strengthen technical and outreach capacity of the collaborative to advance landscape-scale watershed and habitat restoration and build a pipeline of up to 20 future watershed restoration projects.

Supporting Nature-based Shoreline Restoration in Coastal Virginia (VA)

Grantee: College of William and Mary, Virginia Institute of Marine Science

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

Matching Funds:..... \$27,800

Total Project Amount:..... \$177,800

Collaboratively develop a modernized, interactive web-based Shoreline Decision Support Tool to support suitability assessment, planning, and design of natural and nature-based

shoreline projects. Project will enable property owners in Virginia’s coastal areas to evaluate water quality, habitat, and resilience benefits and identify integrated restoration opportunities.

Updating the National Wetland Inventory in Frederick and Washington Counties (MD)

Grantee: Ducks Unlimited

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

Matching Funds:..... \$20,000

Total Project Amount:..... \$170,000

Deliver updated authoritative wetland mapping data for Frederick County and portions of Washington County, Maryland. Project will build regional capacity for wetland conservation planning and support faster delivery of field-verified wetland data to advance future wetland, watershed, and aquatic habitat restoration and conservation efforts.

Whole-farm Restoration Planning to Improve Habitat in the Upper Choptank River Watershed (MD, DE)

Grantee: Shorerivers

Grant Amount:..... \$149,600

Matching Funds:..... \$0

Total Project Amount:..... \$149,600

Partner with local soil conservation districts and USDA Natural Resources Conservation Service offices to provide technical design services for a whole-farm wetland, native grass and reforestation restoration project that spans the Delaware–Maryland border in the upper Choptank River watershed. Project will produce designs for 20 acres of wetland restoration and plans for 20 acres of native warm season grass restoration and 10 acres of reforestation.



Oysters

SWG IMPLEMENTATION

Accelerate Adoption of Improved Grazing Management Practices to Improve Habitat and Water Quality (PA)

Grantee: Capital Resource Conservation and Development Area Council

Grant Amount:..... \$706,400
Matching Funds:..... \$177,300
Total Project Amount:..... \$883,700

Improve grazing management and support practices like off-stream watering, riparian buffers, and livestock exclusion among landowners, organizations, agencies, and private industry across the Chesapeake Bay watershed in Pennsylvania. Project will implement improved grazing management on 950 acres, restore 10 miles of riparian forest buffer, and install 3 miles of livestock-exclusion fencing.

Accelerating Multi-species Cover Cropping Systems in the Chesapeake Bay Watershed (DE, MD, NY, PA, VA)

Grantee: Sustainable Chesapeake

Grant Amount:..... \$487,800
Matching Funds:..... \$896,000
Total Project Amount:..... \$1,383,800

Accelerate adoption of early-planted, multi-species cover cropping systems across the Chesapeake Bay watershed through incentives for innovative planting equipment, financial and technical assistance, and targeted training to farmers and agricultural professionals. Project will expand cover crop adoption across an estimated 9,600 acres annually and support enhanced nutrient management and improved agricultural soil health outcomes.

Accelerating Water Quality Improvements on Lands Owned by Faith-based Organizations (MD, PA)

Grantee: Interfaith Partners for the Chesapeake

Grant Amount:..... \$729,000
Matching Funds:..... \$216,100
Total Project Amount:..... \$995,100

Coordinate with faith-based organizations to plan and implement stormwater infrastructure and nature-based solutions on their lands across the Chesapeake Bay watershed. Project will improve stormwater runoff management across 40 acres, maximizing volumetric runoff reduction outcomes and deliver lasting stormwater management improvements through community co-created designs.

Advancing Oyster Habitat Restoration in Hampton (VA)

Grantee: Chesapeake Bay Foundation

Grant Amount:..... \$737,300
Matching Funds:..... \$86,900
Total Project Amount:..... \$824,200

Strengthen ongoing oyster habitat restoration efforts in the Hampton River through oyster reef restoration, spat-on-shell production and engagement of local community and academic partners. Project will create more than 5 acres of sanctuary oyster reef in the Hampton River; produce 3 million spat-



Vetch and oats cover crop

on-shell oysters for local reef restoration efforts and engage marine science students in oyster restoration and monitoring activities.

Convening Watershed Partners to Accelerate Chesapeake Bay Restoration (DE, DC, MD, NY, PA, VA, WV)

Grantee: National Wildlife Federation

Grant Amount:..... \$285,000
Matching Funds:..... \$70,000
Total Project Amount:..... \$355,000

Convene more than 300 regional leaders from watershed, conservation, government and philanthropic organizations at the Choose Clean Water Coalition's annual conferences in 2027 and 2028. Project will strengthen collaboration, information sharing and knowledge transfer to accelerate watershed restoration and conservation efforts across the Chesapeake Bay watershed.

Easement Support and Resource Management Planning for Land Trusts (PA)

Grantee: WeConservePA

Grant Amount:..... \$195,500
Matching Funds:..... \$1,200,000
Total Project Amount:..... \$1,395,500

Provide Pennsylvania land trusts with financial assistance to complete conservation easement transactions and resource management plans in the Chesapeake Bay watershed. Project will conserve approximately 840 acres through 12 permanent conservation easements and prompt restoration activities on existing protected lands to improve water quality and brook trout habitat.

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Enhancing Agricultural Nutrient Management in Pennsylvania (PA)

Grantee: Stroud Water Research Center

Grant Amount:..... \$749,300

Matching Funds:..... \$764,400

Total Project Amount:.....\$1,513,700

Scale up fertilizer application reductions on grain operations in southcentral Pennsylvania using a novel Nitrogen Decision Support Tool developed by Penn State University. Project will drive improved nutrient management on more than 2,400 acres through expanded adoption of the tool while piloting novel approaches to protect participating farmers from potential yield losses from reduced fertilizer applications.

Enhancing Habitat and Restoring Connectivity for Brook Trout in the Potomac Highlands (MD)

Grantee: Trout Unlimited

Grant Amount:..... \$683,500

Matching Funds:..... \$541,000

Total Project Amount:.....\$1,224,500

Reconnect fragmented headwater systems, install riparian forest buffers and perform in-stream restoration to improve habitat for brook trout in the North Branch Potomac and Savage River watersheds. Project will reconnect more than 2 miles of headwater habitat, complete designs on two additional aquatic organism passage projects, assess three road-stream crossings, and restore more than a mile of stream and riparian habitat.

Expanding Nature-based Infrastructure on Underutilized Parcels Along Jones Falls (MD)

Grantee: Maryland Institute College of Art (MICA)

Grant Amount:..... \$750,000

Matching Funds:.....\$2,250,000

Total Project Amount:.....\$3,000,000

Transform three underutilized properties in Baltimore's Jones Falls watershed into functional nature-based infrastructure featuring rain gardens, permeable surfaces and bioswales, landscape features that remove silt and pollution from surface runoff water. Project will capture, infiltrate and treat runoff generated from nearly 1 acre of contributing drainage area before discharging to the Jones Falls.

Implementing Farm Resource Plans and Riparian Forested Buffers in Lancaster and Chester Counties (PA)

Grantee: Stroud Water Research Center

Grant Amount:..... \$750,000

Matching Funds:.....\$1,309,000

Total Project Amount:.....\$2,059,000

Develop new Farm Resource Plans that comprehensively address erosion and sediment control, engineering and manure management needs for farms that agree to implement forested buffers on all streams. Project will pilot this new comprehensive planning approach to accelerate installation of whole-farm conservation systems on nine farms and restore more than 3 miles of local streams through implementation of livestock exclusion and riparian forest buffer practices.

Installing Nature-based Stormwater Infrastructure in the Town of Franklin (WV)

Grantee: Town of Franklin

Grant Amount:..... \$605,000

Matching Funds:..... \$174,400

Total Project Amount:..... \$779,400

Install nature-based stormwater infrastructure on a municipally owned parking lot and adjoining sidewalks in downtown Franklin, West Virginia. Project will reduce stormwater runoff volume from nearly 2 acres and remove 6,000 square feet of impervious surface and eliminate localized flooding.

Installing Stormwater Infrastructure at Montrose Heights Playground (VA)

Grantee: Alliance for the Chesapeake Bay

Grant Amount:..... \$750,000

Matching Funds:..... \$535,000

Total Project Amount:.....\$1,285,000

Install bioretention, swales, native trees and conservation landscaping while removing impervious surfaces and amending soils at Montrose Heights Playground to improve water quality in the Gillies Creek watershed. Project will improve ecological resilience and create a community asset with enhanced recreational amenities for the Montrose Heights neighborhood through community engagement.

Large-scale Oyster Reef Restoration in the Rappahannock River (VA)

Grantee: Rappahannock Tribe

Grant Amount:..... \$459,300

Matching Funds:..... \$30,000

Total Project Amount:..... \$489,300

Install 2,500 bushels of oyster shell substrate and grow 800,000 diploid seed oysters to restore more than 8 acres of oyster reef in the Rappahannock River. Project will rebuild natural oyster larvae strike, protect tidal marshes, and advance tribal access to river herring and oyster resources.

Oyster Reef Restoration and Monitoring in the Wye River (MD)

Grantee: Mid-Shore Community Foundation

Grant Amount:..... \$218,000

Matching Funds:.....\$65,700

Total Project Amount:..... \$283,700

Restore oyster reefs in Maryland's Wye River and build the capacity of a community-based partnership to conduct reef monitoring and sampling. Project will restore 6 acres of oyster reef through planting of up to 40 million spat-on-shell, develop sampling procedures for community partners and increase local investment in oyster restoration in a tributary consistently ranked among the poorest in Maryland's Eastern Bay.

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Protecting Source Water in East Cocalico Township through On-farm Implementation (PA)

Grantee: East Cocalico Township Authority

Grant Amount:..... \$170,200

Matching Funds:..... \$0

Total Project Amount:..... \$170,200

Expand farm-based agronomic consulting, nutrient reduction planning and best management practice implementation in the Cocalico Creek watershed. Project will reduce nitrogen in fertilizer applications and protect source water supplies for East Cocalico Township Authority and the Chesapeake Bay.

Reconnecting Brook Trout Habitats through Culvert Replacement in the Pine Creek Watershed (PA)

Grantee: Trout Unlimited

Grant Amount:..... \$749,500

Matching Funds:..... \$559,400

Total Project Amount: \$1,308,900

Replace three failing culverts to reconnect 1.5 miles of brook trout habitat and improve nearly 1 mile of dirt and gravel roads in the Pine Creek watershed. Project will restore aquatic organism passage, reduce nonpoint source sediment pollution and advance conservation of native brook trout in a high-class trout fishery.

Reforestation of Community Public Space in the Linganore Watershed (MD)

Grantee: Frederick County, Maryland

Grant Amount:..... \$649,800

Matching Funds:..... \$779,000

Total Project Amount:..... \$1,428,800

Convert nearly 50 acres of turf in the Linganore watershed into upland and riparian forest through a permanent reforestation easement and planting of nearly 11,000 trees. Project will build on local capacity, strong partner engagement and a track record of successful watershed restoration by Frederick County and the Lake Linganore Association to support planning, planting and long-term tree maintenance and stewardship.

Restoring Aquatic Organism Passage for Brook Trout in Bear Run Watershed (PA)

Grantee: Western Pennsylvania Conservancy

Grant Amount:..... \$739,600

Matching Funds:..... \$208,300

Total Project Amount:..... \$947,900

Replace or remove nine aquatic organism passage barriers on native brook trout streams in the Bear Run watershed, reopening more than 8 miles of stream habitat. Project will restore upstream fish passage for brook trout populations and document instream habitat gains through post-construction electrofishing monitoring.

Restoring Tidal Habitat in the Severn River (MD)

Grantee: Severn River Association

Grant Amount:..... \$750,000

Matching Funds:..... \$756,200

Total Project Amount:..... \$1,506,200

Develop and implement a science-based, stakeholder-driven restoration strategy for the tidal Severn River, encompassing shoreline, wetland, oyster reef and submerged aquatic vegetation habitats. Project will restore 4 acres of oyster reefs and engage 9,000 community members in education and development of long-term tidal habitat restoration goals for the tidal Severn River.

Scaling Collaborative Watershed Restoration in the Gunpowder Valley (MD)

Grantee: Gunpowder Valley Conservancy

Grant Amount:..... \$628,300

Matching Funds:..... \$1,295,200

Total Project Amount:..... \$1,923,600

Mobilize communities and partners across the Gunpowder watershed to install nature-based stormwater infrastructure, plant native trees and strengthen collaborative regional efforts to restore the Gunpowder River. Project will plant 3,200 native trees and install nearly 40 rain gardens and conservation landscapes to improve local stream health and community stewardship.

Scaling Nature-based Stormwater Infrastructure and Watershed Stewardship in Anne Arundel County (MD)

Grantee: The Anne Arundel County Watershed Stewards Academy

Grant Amount:..... \$749,700

Matching Funds:..... \$26,400

Total Project Amount:..... \$776,100

Implement community-identified nature-based stormwater infrastructure projects and expand Anne Arundel County's proven Watershed Stewards Academy model to connect residents to local watershed restoration, stewardship and maintenance efforts. Project will implement four restoration projects developed to full design through the Watershed Stewards Academy, and engage community members in 12 stewardship workshops in northern Anne Arundel County.

Shoreline Restoration and Farm Conservation at Corbin Hall Farm (VA)

Grantee: Tidewater Soil and Water Conservation District

Grant Amount:..... \$682,500

Matching Funds:..... \$2,376,800

Total Project Amount:..... \$3,059,300

Restore more than a half mile of eroding shoreline, enroll 1,000 acres in cover crops and enhanced nutrient management, and restore a half acre of oyster reef along the Rappahannock River at Corbin Hall Farm in Middlesex County, Virginia. Project will result in the largest shoreline restoration project completed in the Rappahannock River basin to date, and one of the largest in Virginia.

(continued)

Stream Restoration and Floodplain Reconnection at Waterworks Park in the City of Annapolis (MD)

Grantee: Arundel Rivers Federation

Grant Amount:..... \$295,000

Matching Funds:.....\$1,236,900

Total Project Amount:.....\$1,531,900

Restore floodplain connectivity and riparian buffer habitat at Waterworks Park in Annapolis to reduce stormwater velocity and nutrient and sediment loads. Project will restore approximately 1,050 linear feet of stream, enhance wetlands, recharge groundwater and help the City of Annapolis meet local Chesapeake Bay restoration goals.

Supporting Agricultural Conservation in the Shenandoah River Watershed (VA)

Grantee: Chesapeake Bay Foundation

Grant Amount:..... \$745,500

Matching Funds:..... \$149,800

Total Project Amount:..... \$895,300

Restore riparian forested buffers and improve grazing management on agricultural lands in Virginia's Shenandoah River watershed. Project will restore 40 acres of riparian forested buffers, implement 300 acres of improved grazing management and convert 50 acres of row crop to pasture.

Supporting Aquatic Habitat Connectivity and Watershed Restoration (NY)

Grantee: Tioga County Soil and Water Conservation District

Grant Amount:..... \$748,200

Matching Funds:..... \$699,000

Total Project Amount:.....\$1,447,200

Strengthen collaboration and implementation efforts among local conservation organizations in New York's Upper Susquehanna River watershed to install agricultural best management practices, restore and connect stream habitat, and advance local land protection efforts. Project will restore more than 4 miles of riparian forest buffers and 7 acres of wetlands and protect 60 acres through permanent conservation easements in the Schenectady Creek, Cohocton River, Owego Creek and Butternut Creek watersheds.

Supporting Soil Health Conservation on Agricultural Lands (MD, NY, PA)

Grantee: Pasa Sustainable Agriculture

Grant Amount:..... \$749,500

Matching Funds:.....\$1,442,900

Total Project Amount:.....\$2,192,400

Accelerate implementation of soil health practices on agricultural land in the Chesapeake Bay watershed through applied on-farm research, soil health monitoring and technical assistance. Project will engage more than 100 agricultural producers to drive implementation of more than 5,500 acres of new soil health practices, expand farm-level and regional soil health knowledge through the Soil Health Benchmark Study, and a pilot whole-farm economic viability analysis for soil health implementation.



Susquehanna River in New York

Training and Engagement to Improve Stormwater Management Capacity (DE, DC, MD, NY, PA, VA, WV)

Grantee: Chesapeake Stormwater Network

Grant Amount:..... \$400,000

Matching Funds:..... \$0.00

Total Project Amount:..... \$400,000

Deliver stormwater training programs, webinars, workshops and certificate programs to local stormwater permitting staff and early-career professionals across the Chesapeake Bay watershed. Project will strengthen stormwater sector capacity and reduce barriers to implementing effective, maintenance-focused stormwater projects by engaging 2,500 stormwater professionals in training and education programming.

(continued)



Treecover in baltimore

Tree Planting and Workforce Development in Baltimore City (MD)

Grantee: Baltimore Tree Trust

Grant Amount:	\$473,900
Matching Funds:	\$940,000
Total Project Amount:	\$1,413,900

Plant and maintain approximately 1,000 native trees in neighborhoods within the Gwynns Falls and Baltimore Harbor subwatersheds of Baltimore City while training a local workforce of forestry professionals. Project will reduce stormwater runoff, improve water quality and expand tree canopy coverage to reduce local heat island affects in targeted Baltimore City neighborhoods.

Watershed Restoration in Gwynns Falls and Jones Falls (MD)

Grantee: Blue Water Baltimore

Grant Amount:	\$750,000
Matching Funds:	\$530,000
Total Project Amount:	\$1,280,000

Install targeted stormwater and water quality improvements in the Gwynns Falls and Jones Falls watersheds. Project will advance nature-based stormwater infrastructure implementation at three sites and execute a coordinated tree planting effort that will treat more than 1 acre of stormwater runoff, remove 5,000 square feet of impervious surface, install 125 street trees and plant 1,400 trees across Baltimore City and County.

Workforce Development and Riparian Restoration in Anacostia Park (DC)

Grantee: Friends of Anacostia Park

Grant Amount:	\$750,000
Matching Funds:	\$0
Total Project Amount:	\$750,000

Engage Anacostia watershed residents in a yearlong workforce development program focused on watershed restoration, land conservation and stewardship through direct care of Anacostia Park. Project will utilize the Friends of Anacostia Park’s existing Career Corps model to conduct community engagement and volunteer recruitment to remove more than 30 tons of trash and invasive species, plant more than 700 native species on 116 acres, and improve flood resilience and habitat quality in Anacostia Park.

Youth-led Restoration of Noonan’s Run and the Little Patuxent River Bio-Reserve (DC, MD)

Grantee: Earth Conservation Corps

Grant Amount:	\$636,000
Matching Funds:	\$200,000
Total Project Amount:	\$836,000

Implement riparian restoration, forest buffers, wildflower meadow restoration and managed grazing across 41 acres along Noonan’s Run in the Little Patuxent River watershed. Project will reduce nutrient and sediment delivery to a 250-acre bioreserve, expand tree canopy and engage young adults facing employment barriers in workforce development opportunities.