Chesapeake Bay Small Watershed Grants Program

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FUNDING PARTNERS

- U.S. Environmental Protection Agency
- Altria Group

Blue heron on an oyster bed

OVERVIEW

The National Fish and Wildlife Foundation (NFWF) and the U.S. Environmental Protection Agency announced a 2023 round of funding for Small Watershed Grants projects. Sixty-five new conservation and restoration grants totaling nearly $19 million were awarded. These 65 awards announced generated more than $14 million in matching contributions from the grantees, providing a total conservation impact of $33 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 six key categories of strategies for the Chesapeake Bay Watershed: 1) Managing agricultural and urban runoff; 2) Improving water quality and stream health through riparian restoration and conservation; 3) Enhancing and protecting freshwater habitat for eastern brook trout; 4) Enhancing and protecting tidal and estuarine habitat; 5) Enhancing nature-based resilience for human communities; 6) Building capacity for landscape-scale watershed and habitat planning, design and implementation.

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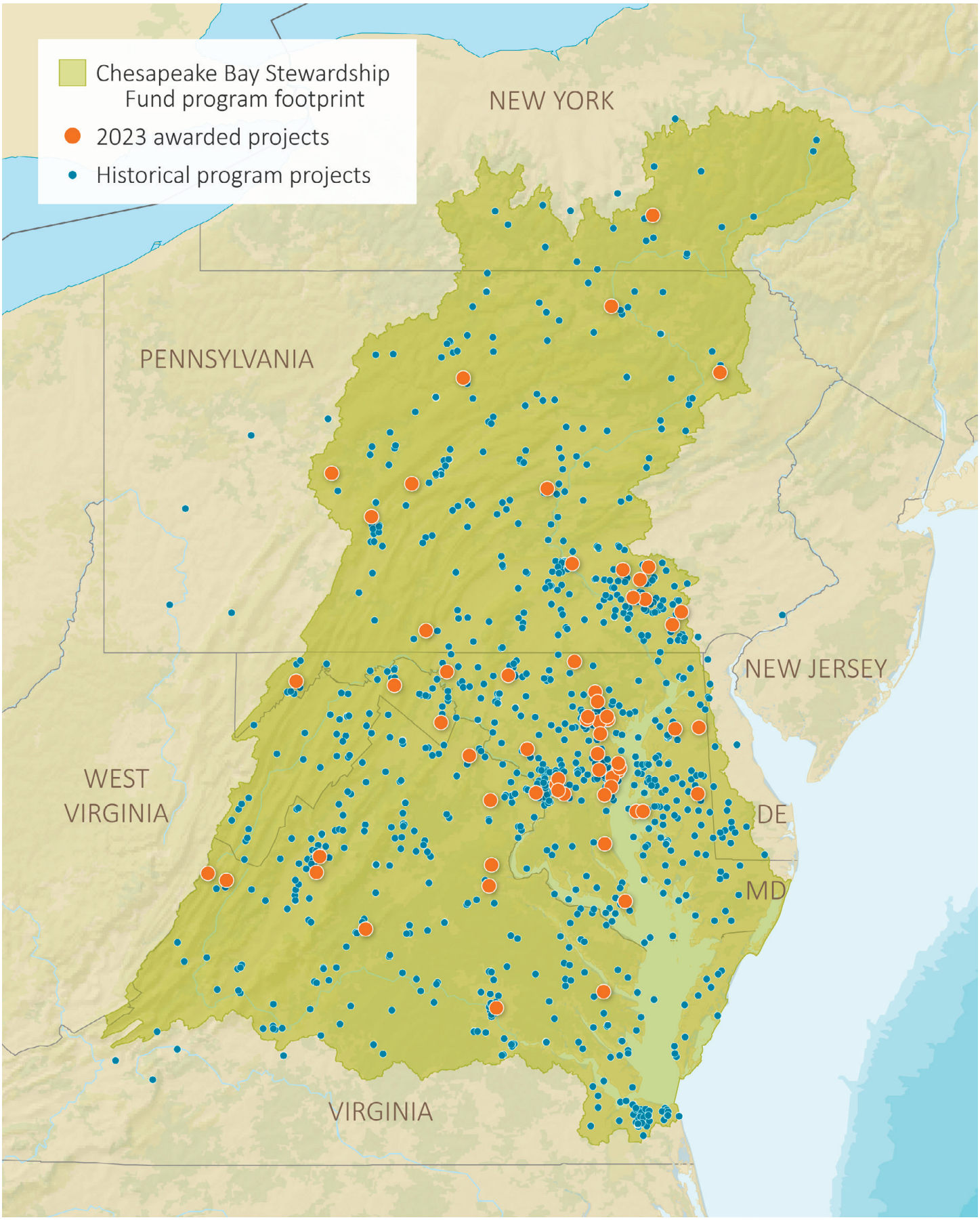
ABOUT NFWF

Chartered by Congress in 1984, the National Fish and Wildlife Foundation (NFWF) protects and restores the nation's fish, wildlife, plants and habitats. Working with federal, corporate and individual partners, NFWF has funded more than 6,800 organizations and generated a total conservation impact of more than $10 billion.

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


Chesapeake Bay Stewardship Fund program footprint
2023 awarded projects
Historical program projects
NEW YORK
PENNSYLVANIA
NEW JERSEY
WEST VIRGINIA
DE
MD
VIRGINIA

(continued)

SWG PTA

MARYLAND

Building Local Capacity for Stream Buffers and Conservation Practices in the Heart of Maryland
Grantee: Catoctin Land Trust
Grant Amount:.....$73,000
Matching Funds:.....N/A
Total Project Amount:.....$73,000
Convene more than a dozen partners of the Heart of Maryland Stewardship Group to develop an action plan to restore the watersheds of Antietam Creek in Washington County and the Monocacy River and Catoctin Creek in Frederick County, Maryland. Project will identify and advance up to 10 shovel-ready watershed restoration projects.

Community-Informed Restoration Design in Cape St. Claire (MD)
Grantee: Alliance for the Chesapeake Bay
Grant Amount:.....$75,000
Matching Funds:..... $321,000
Total Project Amount:..... $396,000
Advance design and permitting for five distinct restoration sites in the Cape St. Claire community in Annapolis, MD, including living shorelines, stream restoration and a stormwater best management practice. Project will support 1,625 linear feet of shoreline restoration and enhancement and 900 linear feet of stream restoration.

Designing Stormwater Best Management Practices for Camp Mardela (MD)
Grantee: County Commissioners of Caroline County MD
Grant Amount:.....$22,000
Matching Funds:..... $2,800
Total Project Amount:.....$24,800
Design green stormwater infrastructure practices at Camp Mardela, located in the Upper Choptank River Watershed on Watts Creek near the town of Denton in Caroline County, Maryland. Project will address severe and worsening erosion and sediment loss from storm events and support Camp Mardela's environmental education programs.

Developing Community Ambassadors for Shoreline Best Management Practices in Anne Arundel County (MD)
Grantee: The Alliance for the Chesapeake Bay
Grant Amount:.....$75,000
Matching Funds:.....$25,000
Total Project Amount:..... $100,000
Promote knowledge-sharing and further adoption of shoreline best management practices among shoreline property owners in Anne Arundel County, Maryland. Project will recruit and train 10 community ambassadors to conduct outreach and education reaching more than 2,000 shoreline property owners.

District Heights Urban Forestry Inventory and Management Plans (MD)
Grantee: The Neighborhood Design Center
Grant Amount:.....$73,200
Matching Funds:.....$25,000
Total Project Amount:.....$98,200
Complete a community-informed street tree inventory, assessment and design process for the City of District Heights in Prince George's County, Maryland. 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.

Grace Creek Living Shoreline, Habitat Improvement and Oyster Implementation Design (MD)
Grantee: Eastern Shore Land Conservancy
Grant Amount:.....$75,000
Matching Funds:.....$72,000
Total Project Amount:..... $147,000
Develop designs and secure final permits for the creation a dynamic living shoreline restoration, marsh habitat creation and oyster reef restoration project on a permanently protected farm in Bozman, Maryland. Project will support restoration of nearly a half mile of shoreline and creation of nearly an acre of tidal low marsh habitat.

Green Infrastructure Master Planning for University of Maryland Medical System Campuses
Grantee: University of Maryland Rehabilitation and Orthopedic Institute
Grant Amount:.....$71,000
Matching Funds:..... $119,000
Total Project Amount:..... $190,000
Develop a green infrastructure master plan and green stormwater infrastructure engineering plans for the campus of the University of Maryland Rehabilitation and Orthopedic Institute. Project will support future reforestation, pollinator habitat restoration, and improved stormwater management for the Institute's 88-acre campus in Baltimore, Maryland.

Gwynn Oaks Green Stormwater Retrofit (MD)
Grantee: Blue Water Baltimore
Grant Amount:.....$75,000
Matching Funds:.....N/A
Total Project Amount:.....$75,000
Develop final designs for green stormwater infrastructure practices at Gwynn Oak United Methodist Church in Baltimore, Maryland. Project will further effort to remove impervious surface, restore urban soils through conservation landscaping and install permeable pavers as a compressive solution for onsite stormwater management.

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Introducing Career Pathways in Urban Forestry to Baltimore City Students (MD)
Grantee: Baltimore Tree Trust
Grant Amount:.....$75,000
Matching Funds:..... $200,000
Total Project Amount:..... $275,000
Advance urban forestry and associated career opportunities in Baltimore, Maryland. Project will develop associated curriculum for Baltimore City Public School (BCPS), train City School Groundskeepers on maintenance of existing trees on BCPS property, and develop of a Tree Lookbook to empower more residents with information to make decisions regarding tree plantings in their communities.

Lerch Creek Stream and Wetland Restoration Design (MD)
Grantee: Arundel Rivers Federation
Grant Amount:.....$75,000
Matching Funds:..... $100,000
Total Project Amount:..... $175,000
Design a stream and wetland restoration project benefitting Lerch Creek in West River, Maryland. Project will support future effort to enhance stream, floodplain, and emergent and forested wetland habitats through floodplain and wetland reconnection.

Living Shoreline and Tidal Marsh Habitat Restoration at Langdon Farm (MD)
Grantee: Eastern Shore Land Conservancy
Grant Amount:.....$74,000
Matching Funds:.....$2,500
Total Project Amount:.....$76,500
Design a dynamic living shoreline, oyster habitat and tidal marsh habitat restoration project in Sherwood, Maryland. Project will help advance restoration of more than a half mile of shoreline restoration and more than 4 acres of tidal march habitat.

Nontidal Monitoring for Land Use Planning in Calvert County (MD)
Grantee: County Commissioners of Calvert County
Grant Amount:.....$75,000
Matching Funds:.....$20,000
Total Project Amount:.....$95,000
Sample nontidal streams throughout Calvert County, Maryland, using citizen volunteers and analyze land use in impaired watersheds to assess future watershed restoration needs. Project will establish water quality trends for 27 nontidal streams, inform knowledge interactions with downstream tidal rivers, and guide future land use planning and best management practice implementation.

Prince George's County Municipal Stormwater Maintenance Training (MD)
Grantee: The Neighborhood Design Center
Grant Amount:.....$75,000
Matching Funds:.....$10,000
Total Project Amount:.....$85,000
Engage residents and public works staff in Prince George's County, Maryland, to advance improved maintenace of green stormwater infrastructure practices installed across the county. Project will engage 250 individuals across five Prince George's County communities in maintenance training and education programs.

Providence Cove Stormwater Management Planning (MD)
Grantee: Severn River Association
Grant Amount:.....$75,000
Matching Funds:..... $3,800
Total Project Amount:.....$78,800
Design green stormwater infrastructure practices to capture and treat stormwater flowing from private residential properties and the United States Naval Academy (USNA) Golf Course into Mill Creek in Anne Arundel County, Maryland. Project will further important watershed restoration partnership opportunities with the USNA Golf Course, which represents roughly half of the contributing drainage area to the creek, a tributary of the Severn River.

Tennyson Farm Restoration Project Planning (MD)
Grantee: GreenTrust Alliance
Grant Amount:.....$75,000
Matching Funds:.....$14,400
Total Project Amount:.....$89,400
Complete assessment, survey, design and permitting to implement upland green stormwater infrastructure practices to capture and treat stormwater and agricultural runoff to Fisherman Creek and St. Mary's River. Project will further conceptual plans to improve floodplain infiltration, implement a step pool conveyance system to capture runoff from adjacent agricultural fields, and install expanded riparian forest buffers and improved livestock management practices.

Upland Stormwater Design for Truxton Cove Communities (MD)
Grantee: Spa Creek Conservancy
Grant Amount:.....$75,000
Matching Funds:..... $290,000
Total Project Amount:..... $365,000
Enhance long-term goals for the restoration of Truxtun Cove and Spa Creek in Annapolis, Maryland, through the development of green stormwater infrastructure practices to address erosion, flooding and habitat loss. Project will advance design and permitting for up to six green stormwater infrastructure practices across three communities.

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Monarch butterfly in Northern Virginia

PENNSYLVANIA

Developing a Lititz Run Watershed Report Card (PA)
Grantee: Lititz Run Watershed Alliance
Grant Amount:.....$73,000
Matching Funds:.....$61,000
Total Project Amount:..... $134,000
Develop the Lititz Run Watershed Report Card to provide a snapshot of watershed health and quantify the benefits of work implemented through the Lititz Run Watershed Action Plan. Project will support enhanced public education and awareness of local ecosystem conditions and inform further efforts to comply with regulatory requirements for the restoration of Lititz Run.

Developing Partnerships, Outreach and Technical Assistance for Upper Cocalico Creek (PA)
Grantee: The Nature Conservancy
Grant Amount:.....$75,000
Matching Funds:.....$10,000
Total Project Amount:.....$85,000
Deploy two watershed-based regional partnerships to advance targeted outreach and landowner engagement to support implementation of both agricultural conservation practices and high-impact wetland and floodplain restoration project in the Upper Cocalico Creek watershed of northern Lancaster County, Pennsylvania. Project will execute outreach to 75 prioritized landowners based on restoration opportunity and potential water quality and habitat restoration benefits.

Hope Episcopal Church Green Infrastructure Planning and Design (PA)
Grantee: Center for Watershed Protection
Grant Amount:.....$70,000
Matching Funds:.....N/A
Total Project Amount:.....$70,000
Provide technical assistance to Hope Episcopal Church in Lancaster County, Pennsylvania, to build capacity for green infrastructure implementation. Project will develop a Green Infrastructure Master Plan for the properties owned by the church, conduct outreach to the congregation of over 100 members and complete designs for two stormwater retrofit projects identified in the Master Plan.

Increasing Capacity for the Octoraro Source Water Collaborative (PA)
Grantee: Alliance for the Chesapeake Bay
Grant Amount:.....$75,000
Matching Funds:.....$98,000
Total Project Amount:..... $173,000
Support enhanced coordination across the Octoraro Source Water Collaborative to maintain collaborative momentum and initiate an Amish Liaison Program to connect Amish farmers with available technical and financial assistance to advance source water protection goals. Project will support outreach to more than 70 farmers in Lancaster and Chester counties, Pennsylvania.

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Brook trout

Penn State Altoona Urban Stormwater Plan (PA)
Grantee: The Pennsylvania State University
Grant Amount:.....$65,000
Matching Funds:.....$43,000
Total Project Amount:..... $108,000
Model the existing stormwater system on the campus of Penn State Altoona and identify strategic locations for green stormwater infrastructure practices. Project will inform future management actions to address runoff from more than 170 acres of developed land.

Planning Future Restoration of Imperiled Species Habitat in the Potomac Watershed (PA)
Grantee: Western Pennsylvania Conservancy
Grant Amount:.....$75,000
Matching Funds:.....$29,000
Total Project Amount:..... $104,000
Close knowledge gaps for a number of imperiled species and plan for future headwater habitat restoration opportunities in Pennsylvania's portion of the Potomac River watershed. Project will utilize electrofishing, connectivity assessments, and visual assessments to identify new populations expand our knowledge of known populations, and gather information on potential restoration opportunities.

Whittier Elementary Green Schoolyard Design (PA)
Grantee: The Trust for Public Land
Grant Amount:.....$75,000
Matching Funds:.....$60,000
Total Project Amount:..... $135,000
Implement a participatory design process working with students, their families, and neighbors to design a green schoolyard at John G. Whittier Elementary School in Scranton, Pennsylvania. Project will engage more than 500 community members in participatory design and visioning sessions.

VIRGINIA

Creating Educational Resources for Maintaining Green Stormwater Infrastructure in Virginia
Grantee: Northern Virginia Regional Commission
Grant Amount:.....$22,000
Matching Funds:.....N/A
Total Project Amount:.....$22,000
Develop a green educational stormwater infrastructure maintenance guidebook for private owners and operators that supports technical assistance for 13 local governments in Northern Virginia. Project will improve water quality through proper maintenance and management of existing green stormwater infrastructure on private land across Northern Virginia.

Restoring Fish Passage for Eastern Brook Trout on Davis Run (VA)
Grantee: Virginia Department of Wildlife Resources
Grant Amount:.....$45,000
Matching Funds:.....$18,000
Total Project Amount:.....$63,000
Develop engineering plans for restoration of passage for brook trout at two road crossings that are currently rated as severe barriers on Davis Run in the Upper Cow pasture watershed of Virginia. Project will support reconnection of isolated brook trout populations along 7 miles of Davis Run and its tributaries, improve habitat and genetic resiliency and increase awareness among the stakeholders as to the importance of aquatic-organism passage.

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WEST VIRGINIA

West Virginia University Medicine Green Campus Concept Planning
Grantee: The Charles Town General Hospital dba Jefferson Medical Center
Grant Amount:.....$75,000
Matching Funds:.....$62,000
Total Project Amount:..... $137,000
Provide planning and design support to advance green infrastructure management across two West Virginia University Medicine campuses. Project will develop construction-ready engineering plans for Jefferson Medical Center's Ranson campus, a Green Medical Campus concept plan for Berkeley Medical Center's Martinsburg campus, and help promote green infrastructure management as a cost-effective strategy in delivering better environmental, social and health outcomes for the healthcare industry.

WASHINGTON, D.C.

Coupling Community Voices and Conservationist Expertise in the Reimagining of Anacostia Park (DC)
Grantee: Friends of Anacostia Park
Grant Amount:.....$60,000
Matching Funds:.....N/A
Total Project Amount:.....$60,000
Advance community-led efforts to revitalize Anacostia Park by convening experts and members of neighboring communities to create a holistic set of recommendations for stormwater management and green infrastructure improvements for the park. Project will help further identification and incorporation of community needs and interests into plans to manage more than 1,200 acres of Anacostia Park on the banks of the Anacostia River in Washington, DC.

SWG-IMPLEMENTATION

MARYLAND

Building Capacity and Restoring Baltimore's Watersheds (MD)
Grantee: Blue Water Baltimore
Grant Amount:..... $500,000
Matching Funds:..... $429,300
Total Project Amount:..... $929,300
Install priority, community-identified watershed restoration projects in Baltimore's Howard Park and Belair-Edison neighborhoods and support three congregations and a local nonprofit in implementing green stormwater infrastructure on their property. Project will engage more than 900 community members and volunteers and improve stormwater management for nearly 9 acres of urban land in Baltimore City and Baltimore County.

Building Resilience Through Stormwater Management and Stream Daylighting in Baltimore (MD)
Grantee: Backyard Basecamp
Grant Amount:..... $496,000
Matching Funds:..... $155,000
Total Project Amount:..... $651,000
Manage and treat stormwater from a 13-acre, highly impervious drainage area that currently causes flooding and create more than an acre of wetland habitat using regenerative stormwater conveyance methods in urban Baltimore County. Project will convert mowed lawn and an eroded stormwater gully into a wetland complex that reduces flooding, creates habitat and improves water quality.

Expanded Implementation of the Greater Baybrook Green Infrastructure Master Plan (MD)
Grantee: Greater Baybrook Alliance
Grant Amount:..... $500,000
Matching Funds:..... $609,300
Total Project Amount:.....$1,109,300
Implement two high-priority projects identified in the Baybrook Blue Green Plan, including improvements to a community park and municipal stormwater facility. Project will remove 2,426 square yards of impervious surface and treat stormwater runoff from more than an acre of impervious surface with three rain gardens, one bioretention facility and plant 28 new trees while providing recreational amenities to residents of Brooklyn and Curtis Bay neighborhoods in Baltimore, Maryland.

Expanding Green Infrastructure Implementation at Greater Grace World Outreach (MD)
Grantee: Greater Grace World Outreach
Grant Amount:..... $437,300
Matching Funds:..... $167,000
Total Project Amount:..... $604,300
Install a multi-cell bioretention system and three rain gardens and remove more than 500 square feet of impervious surface on Greater Grace World Outreach's 13-acre property in Baltimore, Maryland. Project will result in improved stormwater management for more than 2 acres of existing impervious surfaces.

Extending the Reach and Expanding the Vision for Restoration of the Gunpowder River Watershed (MD)
Grantee: Gunpowder Valley Conservancy
Grant Amount:..... $497,900
Matching Funds:.....$1,212,900
Total Project Amount:.....$1,710,800
Promote clean water in Maryland's Gunpowder River watershed by working with a coalition of partner organizations to mobilize diverse communities to implement stormwater management and habitat restoration projects. Project will reduce annual sediment runoff by nearly 75,000 pounds.

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Implementing Nature-Based Learning Environments for Montgomery County Public Schools (MD)
Grantee: Montgomery County Public Schools
Grant Amount:..... $500,000
Matching Funds:..... $112,000
Total Project Amount:..... $612,000
Design and implement six to eight nature-based learning environments to manage and reduce stormwater runoff and provide place-based, hands-on learning resources for teachers, students and the broader community in Montgomery County, Maryland. Project will install more than 2 acres of improved stormwater management and conservation landscaping practices.

Implementing Regenerative Stormwater Conveyance at Shipley's Retreat (MD)
Grantee: Chesapeake Rivers Association
Grant Amount:..... $458,200
Matching Funds:.....$1,103,200
Total Project Amount:.....$1,561,400
Manage and treat stormwater runoff by installing a regenerative stormwater conveyance treating 104 acres in order to mitigate erosion in the headwaters of the Severn River in Anne Arundel County, Maryland. Project will reduce annual sediment runoff by nearly 800,000 pounds.

Implementing Regenerative Stormwater Conveyance Solutions to Address Agricultural Runoff (MD)
Grantee: Chesapeake Rivers Association
Grant Amount:..... $499,400
Matching Funds:.....N/A
Total Project Amount:..... $499,400
Manage and treat stormwater runoff an agricultural drainage area to address community concerns and mitigate substantial sediment pollution to tidal Ridout Creek in Anne Arundel County, Maryland. Project will help better manage stormwater runoff from 24 acres of agricultural land and reduce annual sediment runoff by more than 100,000 pounds.

Improving and Expanding La Academia de Defensores de la Cuenca (MD)
Grantee: Defensores de la Cuenca
Grant Amount:..... $499,600
Matching Funds:.....N/A
Total Project Amount:..... $499,600
Deploy La Academia 3.0, a paid adult Spanish-language watershed training program based in Maryland that promotes knowledge sharing about watershed issues, hands-on experiences and implementation of capstone watershed projects by participants. Project will result in 1,000 trees planted in urban areas and engage 200 volunteers in training events.

Reconnecting River Herring Habitat in Chester River (MD)
Grantee: American Rivers
Grant Amount:..... $499,000
Matching Funds:..... $310,000
Total Project Amount:..... $809,000
Revitalize Cypress Branch in Maryland's Chester River watershed by removing Cypress Branch Dam, reconnecting 18 miles of upstream mainstem and tributary habitat for the benefit of river herring and other migratory and resident species. Project will restore a free flowing stream, ensure floodplain reconnection, and enable conditions to rebuild populations of river herring by addressing habitat fragmentation and access to historic spawning habitat in the headwaters of the Chester River.

Restoring Watersheds and Stream Habitat for Eastern Brook Trout in the Potomac Highlands (MD)
Grantee: Trout Unlimited
Grant Amount:..... $466,000
Matching Funds:..... $351,000
Total Project Amount:..... $817,000
Restore headwater connectivity and enhance riparian corridors within the Savage and North Branch Potomac watersheds in Maryland. Project will reconnect more than 9 miles of aquatic habitat and implement 6 miles of riparian forest buffers.

Strengthening Watershed Initiatives and Increasing Capacity to Implement Watershed Restoration (MD)
Grantee: Alliance for the Chesapeake Bay
Grant Amount:..... $550,000
Matching Funds:..... $208,000
Total Project Amount:..... $758,000
Assist partners across the Chesapeake Bay watershed with landscape-scale watershed and habitat planning, design, and implementation by strengthening networking and information-sharing across the watershed restoration community. Project will organize information-sharing activities, peer-to-peer learning, and development of solutions to common challenges in advancing watershed restoration efforts.

Submerged Aquatic Vegetation Restoration and Outreach (MD)
Grantee: Arundel Rivers Federation
Grant Amount:.....$75,300
Matching Funds:.....$12,600
Total Project Amount:.....$87,900
Restore submerged aquatic vegetation and engage community members through outreach and volunteer programs in the South, West and Rhode River watersheds in Anne Arundel County, Maryland. Project will restore up to 24 acres of native submerged aquatic vegetation beds and establish a volunteer monitoring program to enhance public education and citizen scientists opportunities.

(continued)

PENNSYLVANIA

Enhancing Habitat for Eastern Brook Trout in Pennsylvania Strongholds
Grantee: Trout Unlimited
Grant Amount:..... $325,900
Matching Funds:..... $196,800
Total Project Amount:..... $522,700
Complete nine high priority habitat restoration projects using strategic large wood addition located within brook trout stronghold patches in Kettle Creek and Pine Creek watersheds in central Pennsylvania. Project will restore and enhance diversity and complexity of 24 miles of brook trout habitat.

Floodplain Restoration on Little Conestoga Creek (PA)
Grantee: The Little Conestoga Creek Foundation
Grant Amount:..... $500,000
Matching Funds:.....N/A
Total Project Amount:..... $500,000
Restore approximately 400 linear feet of stream and floodplain in Lancaster County, Pennsylvania, through the removal of legacy sediment. Project will reduce annual sediment runoff by more than 100,000 pounds and create a functional floodplain wetland system that provides flood storage, infrastructure protection, water quality benefits and ecological benefits, and promotes groundwater recharge.

Green Stormwater Infrastructure and Floodplain Restoration in Swatara Township, Pennsylvania
Grantee: Swatara Township
Grant Amount:..... $500,000
Matching Funds:..... $886,800
Total Project Amount:.....$1,386,800
Restore and improve the floodplain for the section of Spring Creek which flows through Donald R. Taylor Memorial Park, a popular community park for the Swatara Township, Pennsylvania. Project will create nearly 6 acres of urban floodplain wetland.

River herring

Implementing Agricultural Conservation Practices in Clearfield County, Pennsylvania
Grantee: Clearfield County Conservation District
Grant Amount:..... $408,200
Matching Funds:.....$1,021,900
Total Project Amount:.....$1,430,100
Accelerate nutrient and sediment reductions in the Upper West Branch Susquehanna River and the Chesapeake Bay by installing agricultural conservation practices on farms throughout Clearfield County, Pennsylvania. Project will implement 324 acres of agricultural conservation practices.

Implementing Forested Buffers with Livestock Exclusion and Whole-Farm Conservation (PA)
Grantee: Stroud Water Research Center
Grant Amount:..... $500,000
Matching Funds:..... $516,100
Total Project Amount:.....$1,016,100
Accelerate implementation of riparian forested buffers and whole farm conservation systems in Chester and Lancaster counties in Pennsylvania. Project will implement 15 acres of forest buffers with livestock exclusion and 28 agricultural conservation practices.

Implementing Rapid Stream Delisting in Centre County, Pennsylvania
Grantee: Chesapeake Conservancy
Grant Amount:..... $419,300
Matching Funds:.....$68,300
Total Project Amount:..... $487,600
Design and install barnyard and riparian restoration practices on two farms in Centre County, Pennsylvania, with an aim of removing local streams from Pennsylvania's impaired waters list. Project will reduce annual nitrogen runoff by nearly 7,500 pounds and annual sediment runoff by more than 260,000 pounds.

Implementing Rapid Stream Delisting in Snyder County, Pennsylvania
Grantee: Chesapeake Conservancy
Grant Amount:..... $495,800
Matching Funds:.....$83,400
Total Project Amount:..... $579,200
Design and install barnyard and riparian best management practices on three farms in Snyder County, Pennsylvania, with an aim of removing local streams from Pennsylvania's impaired waters list. Project will reduce annual sediment runoff by more than 500,000 pounds.

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Initiating New Corporate Supply Chain Partnerships with Duck Producers (PA)
Grantee: Alliance for the Chesapeake Bay
Grant Amount:..... $500,000
Matching Funds:..... $810,000
Total Project Amount:.....$1,310,000
Utilize new corporate partnerships to implement high-impact nature-based conservation practices, including riparian forest buffers, vegetative environmental buffers, mortality composting structures, stormwater controls and soil health practices on duck farms in Pennsylvania. Project will implement 65 acres of agricultural conservation practices and reduce annual sediment runoff by more than 1.3 million pounds.

Officers Run Streambank Restoration Construction (PA)
Grantee: West Sadsbury Township
Grant Amount:..... $395,000
Matching Funds:..... $100,000
Total Project Amount:..... $495,000
Implement stream restoration along Officers Run in West Sadsbury Township, Pennsylvania. Project will create nearly a half-acre of new floodplain wetland and reduce annual sediment runoff by more than 200,000 pounds.

VIRGINIA

Building Capacity for Community-Led Urban Tree Canopy Initiatives (VA)
Grantee: Friends of the Rappahannock
Grant Amount:..... $468,200
Matching Funds:..... $417,400
Total Project Amount:..... $885,600
Build capacity in three major watersheds in central Virginia for community-led urban tree canopy planting projects and the collection of native seed stocks for nurseries. Project will directly increase urban tree canopy by 25 acres.

Community-Led Effort to Restore Water Quality, Habitat and Resilience for Grandma's Creek (VA)
Grantee: Arlington County, Virginia
Grant Amount:..... $282,400
Matching Funds:..... $151,100
Total Project Amount:..... $433,500
Install three green stormwater infrastructure practices to intercept more than 4 acres of upland stormwater runoff in Arlington County, Virginia. Project will conduct a variety of nature-based and watershed education activities in the community to help engender awareness and watershed protection in the North Barcroft community.

Establishing Closed Canopy Riparian Buffers for Eastern Brook Trout in Virginia
Grantee: Alliance for the Chesapeake Bay
Grant Amount:..... $500,000
Matching Funds:..... $500,000
Total Project Amount:.....$1,000,000
Leverage existing partnerships to engage rural Shenandoah Valley and western highlands of the Chesapeake Bay watershed in incentivizing landowners to implement riparian buffers to promote the habitat connectivity for brook trout and other cold water species. Project will install 20 acres of riparian forest buffers and 2 miles of livestock exclusion.

Implementing Green Infrastructure Improvements at Richmond Hill (VA)
Grantee: Richmond Hill
Grant Amount:..... $497,600
Matching Funds:.....N/A
Total Project Amount:..... $497,600
Complete engineering, design and construction of green stormwater infrastructure improvements for the Richmond Hill campus in Richmond, Virginia. Project will install more than 1,700 square feet of green stormwater infrastructure practices, increase onsite infiltration and mitigate the impact of stormwater on Taylor's Hill Park and the James River, and further the experience of the Groundwork RVA workforce development program and Richmond Hill's community education and engagement efforts.

Reconnecting Charlottesville to a Restored Rivanna River at Riverview Park (VA)
Grantee: Rivanna Conservation Alliance
Grant Amount:..... $500,000
Matching Funds:..... $384,000
Total Project Amount:..... $884,000
Halt excessive streambank erosion, restore habitat through native buffer plantings, and enhance urban stormwater management and climate resilience through upland tree planting in Charlottesville, Virginia. Project will reduce annual sediment runoff by more than 320,000 pounds.

Reducing the Landowner Burden through Facilitated Agriculture Conservation Implementation (VA)
Grantee: Chesapeake Bay Foundation
Grant Amount:..... $497,800
Matching Funds:.....$55,000
Total Project Amount:..... $552,800
Increase conservation practices on agricultural lands in Virginia's Shenandoah River watershed. Project will install more than 2 miles of exclusion fencing, restore 30 acres of riparian forest buffers and create 400 acres of improved grazing management.

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Removing Barriers and Restoring Buffers for Brook Trout in the Upper James River Watershed (VA)
Grantee: Trout Unlimited
Grant Amount:..... $500,000
Matching Funds:..... $500,000
Total Project Amount:.....$1,000,000
Improve native brook trout habitat and water quality in the Upper James River watershed by removing two barriers to fish movement, reconnecting 2.3 miles of headwater habitat, and restoring riparian corridors along 4 miles of coldwater streams by installing livestock exclusion fencing and more than 45 acres of riparian buffer. The reconnected and restored habitat will improve population viability and integrity for brook trout on protected federal and state public lands.

Revitalizing Community Space with Green Infrastructure in Urbanna, Virginia
Grantee: Urbanna Oyster Festival Foundation
Grant Amount:..... $360,900
Matching Funds:.....$81,800
Total Project Amount:..... $442,700
Create a new, highly visible and functional non-tidal wetland in Urbanna, Virginia, as a means to inspire and activate people throughout the Chesapeake Bay watershed to engage their own communities in habitat restoration and stormwater management. Project will result in improved stormwater management for 13 acres and additional community engagement and educational opportunities.

Targeted Riparian Buffer Restoration and Land Conservation (VA)
Grantee: The Piedmont Environmental Council
Grant Amount:..... $452,200
Matching Funds:..... $529,200
Total Project Amount:..... $981,400
Collaborate with landowners and partners to improve water quality and stream health in nine headwater counties in the Potomac, Rappahannock, York and James watersheds in Virginia. Project will restore 60 acres of riparian forest buffers, implement 20 acres of upland forest plantings, and complete conservation easements with riparian buffers on 2,760 acres.

WEST VIRGINIA

Implementing Stream Restoration for Sleepy Creek (WV)
Grantee: Cacapon Institute
Grant Amount:..... $253,000
Matching Funds:.....N/A
Total Project Amount:..... $253,000
Design and build an 800 feet stream restoration project along the main stem of Sleepy Creek main stem and its Middle Fork tributary near Berkeley Springs, West Virginia. Project will annually reduce 72 tons of sediment from entering Chesapeake Bay.

American black duck

MULTIPLE STATES

Accelerating Adoption of Agricultural Conservation Practices on the Delmarva (DE, MD)
Grantee: Shorerivers
Grant Amount:..... $496,800
Matching Funds:..... $550,000
Total Project Amount:.....$1,046,800
Provide farmers turnkey conservation solutions to address agricultural water quality on the Delmarva Peninsula in Delaware and Maryland by leveraging two existing partnerships working to share engineering resources among project partners and strategically leverage state and federal cost-share and foundation funding. Project will implement at least 20 projects employing a range of wetland restoration, streambank stabilization, grassed waterways and conservation drainage practices.

Engaging Diverse Faith Congregations as Ambassadors for Chesapeake Bay Restoration (DC, MD)
Grantee: National Wildlife Federation
Grant Amount:..... $334,000
Matching Funds:.....$25,000
Total Project Amount:..... $359,000
Replace lawns with native plant gardens and conservation landscaping to reduce stormwater runoff from metropolitan Washington, D.C.'s congregation grounds and congregant's homes. Project will install 24 gardens, engage 1,000 congregants in planting native plants at home, and support a network of 50 congregations with education about conservation landscaping and behavior change techniques to continue to promote conservation landscaping in their communities.

(continued)

Blue heron

Expanding Regenerative Agriculture on Farms (DE, MD, VA)
Grantee: 2020 Farmers' Cooperative
Grant Amount:..... $500,000
Matching Funds:.....N/A
Total Project Amount:..... $500,000
Utilize a peer-to-peer model to connect approximately 80 farmers with state, federal, and nonprofit technical and financial assistance programs throughout the Chesapeake Bay watershed in Delaware, the District of Columbia, Maryland and Virginia. Project will expand adoption of cover crops by more than 250 acres through a shared equipment model.

Investing in Riparian Forest Buffer Establishment (NY, PA)
Grantee: Tioga County Soil and Water Conservation District
Grant Amount:..... $500,000
Matching Funds:..... $200,000
Total Project Amount:..... $700,000
Build on the Upper Susquehanna Coalition (USC) Buffer Program to address buffer establishment and stewardship in the Upper Susquehanna River Basin within New York and Pennsylvania. Project will result in implementation of 45 acres of riparian forest buffer, 25 acres of managed grazing, the development of 15 buffer restoration plans, and stewardship activities on 300 acres of riparian forest buffer and wetlands.

Propelling Riparian Forest Buffer Implementation in the Lower Susquehanna (MD, PA)
Grantee: Alliance for the Chesapeake Bay
Grant Amount:..... $500,000
Matching Funds:..... $500,000
Total Project Amount:.....$1,000,000
Accelerate the adoption and establishment of riparian forest buffers by agricultural producers in Cecil, Harford and Baltimore counties in Maryland and York and Lancaster counties in Pennsylvania by addressing the specific conservation needs of their whole farm operation. Project will restore 30 miles of riparian forest habitat, plant 48,000 trees and reduce annual sediment runoff by more than 1 million pounds.

Upper Potomac Farm Stewardship Program and Regenerative Agriculture Education (MD, WV)
Grantee: Chesapeake Bay Foundation
Grant Amount:..... $476,300
Matching Funds:..... $258,800
Total Project Amount:..... $735,100
Deliver whole-farm conservation systems on Maryland and West Virginia farms in the Upper Potomac River watershed to strategically accelerate implementation of practices that have the highest benefit to water quality and climate resilience. Project will implement 121 acres of agricultural conservation practices and restore 6 acres of wetlands.