Chesapeake Bay Stewardship Fund 2018 Grant Slate

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

Stephanie Heidbreder
Program Manager,
Chesapeake Bay Stewardship Fund
stephanie.heidbreder@nfwf.org
202-595-2442

Claire Flynn
Program Coordinator,
Chesapeake Bay Stewardship Fund
claire.flynn@nfwf.org
202-595-2449

PARTNERS
• Altria
• Chesapeake Bay Program
• CSX
• Pennsylvania Department of Environmental Protection
• U.S. Environmental Protection Agency
• U.S. Fish and Wildlife Service
• U.S. Forest Service
• USDA’s Natural Resource Conservation Service

OVERVIEW
The National Fish and Wildlife Foundation (NFWF), in partnership with the U.S. Environmental Protection Agency and the Chesapeake Bay Program, announced the 2018 round of funding for Chesapeake Bay Stewardship Fund projects. Forty-nine new Bay restoration and water quality improvement grants totaling more than $13.1 million were awarded, leveraging nearly $21.9 million in match from the grantees and generating a total conservation impact of nearly $35 million.

The Chesapeake Bay Stewardship Fund is dedicated to protecting and restoring the bay by helping local communities clean up and restore polluted rivers and streams. The fund also advances cost-effective and creative solutions with financial and technical assistance to local communities, farmers and private landowners. The National Fish and Wildlife Foundation manages the Stewardship Fund in partnership with government agencies and private corporations and in close coordination with the federal-state Chesapeake Bay Program partnership. Major funding is provided by the U.S. Environmental Protection Agency through the Chesapeake Bay Program Office.

Since 1999, the Stewardship Fund has worked with the public and private sectors to deliver on-the-ground conservation successes benefiting the communities, farms, habitats and wildlife of the Chesapeake Bay region. NFWF administers the fund’s two competitive grant programs, the Innovative Nutrient and Sediment Reduction Grant Program and the Small Watershed Grants Program. NFWF also makes targeted investments that support networking and information-sharing among restoration partners on emerging technologies, successful restoration approaches, and new partnership opportunities. These programs directly engage agricultural producers, homeowners, churches, businesses and others in on-the-ground restoration actions that improve the quality of life in communities throughout the watershed, while ultimately improving the health of the Chesapeake Bay.

(continued)
Mountains to Bay Grazing Alliance: A Collaborative to Increase Rotational Grazing (MD, PA, VA, WV)
Grantee: Chesapeake Bay Foundation
Grant Award: ............................. $850,350
Matching Funds: ............................. $850,350
Total Amount: ................................ $1,700,700
Expand and strengthen a network of private and public partners to promote the adoption of rotational grazing systems that enhance soil health, protect and improve water quality, and contribute to farm economic viability. Project will include on-farm demonstrations, peer-to-peer dialog, establishment of local grazing groups, and development of outreach materials that highlight the economic and soil health benefits of grazing.

Increase Collective Impact on the Elizabeth River through Strengthened Partnership (VA)
Grantee: The Elizabeth River Project
Grant Award: ............................. $750,000
Matching Funds: ............................. $2,558,000
Total Amount: ............................. $3,308,000
Reinvoigorate the Elizabeth River Project partnership to further coordinated stormwater management and ecosystem restoration in Chesapeake, Norfolk, Portsmouth and Virginia Beach, Virginia. Project will establish a leadership roundtable and summit to formally adopt a new watershed action plan, explore regional financing options, and improve coordination of green infrastructure projects at a variety of scales.

Targeted Implementation in the Chesapeake Bay Watershed through Data Analysis and Partnership
Grantee: University of Montana
Grant Award: ............................. $998,094
Matching Funds: ............................. $1,002,753
Total Amount: ............................. $2,000,847
Couple proprietary databases of farmer interests with advanced behavior change models and messaging approaches to improve effectiveness of agricultural conservation outreach programs in the Chesapeake Bay Watershed. Project will leverage watershed-wide data sets and coordination with local nonprofits, conservation organizations, and social scientists to increase adoption (continued)
of targeted best management practices in priority subwatersheds.

**Formalizing and Growing the Middle and Upper James Riparian Consortium (VA)**

Grantee: James River Association  
Grant Award: $750,000  
Matching Funds: $1,683,430  
**Total Amount:** $2,433,430

Formalize an existing multi-party partnership structure designed to improve coordination and delivery of riparian conservation programs and practices in the middle and upper James River watershed. Project will utilize a consortium model to build individual organizational capacity of partners, coordinate project prioritization, and implement 200 acres of riparian buffers.

**One Water Partnership (MD, PA)**

Grantee: Interfaith Partners for the Chesapeake  
Grant Award: $1,000,000  
Matching Funds: $1,093,423  
**Total Amount:** $2,093,423

Replicate proven partnerships with secular and religious institutions, and engage new partners in strategic regions to scale up the engagement of the faith community in watershed restoration efforts in Maryland and Pennsylvania. Project will engage nonprofits, local governments, citizen stewardship groups, and faith-based institutions to enable 36 congregations to install green infrastructure with measurable impacts on local water quality.

**Turkey Hill Clean Water Partnership: Building a Market-Driven Model for Conservation Action (PA)**

Grantee: Alliance for the Chesapeake Bay  
Grant Award: $1,000,000  
Matching Funds: $1,028,000  
**Total Amount:** $2,028,000

Build on existing partnership with Turkey Hill Dairy and the Maryland and Virginia Milk Producers Cooperative Association to accelerate conservation planning and practice implementation. Project will provide farmers with technical and financial assistance necessary to meet Turkey Hill commitments for sustainable milk production.

**Envision the Choptank: Expanding and Scaling-Up Regional Partnership (MD, DE)**

Grantee: Shorerivers  
Grant Award: $999,629  
Matching Funds: $1,110,800  
**Total Amount:** $2,110,429

Shorerivers will strengthen and expand the Envision the Choptank partnership by identifying specific locations for best management practices on agricultural lands, providing training and education on high impact restoration techniques, and expanding landowner partnerships and technical assistance offerings. Project will continue to build the partnership of 17 regional and state organizations while implementing 250 acres of best management practices in the Choptank watershed.

**Stormwater Pollutant Mitigation and Green Infrastructure at the Science Museum of Virginia**

Grantee: Science Museum of Virginia Foundation  
Grant Award: $200,000  
Matching Funds: $582,772  
**Total Amount:** $782,772

Mitigate sewer overflow events by removing 3 acres of impervious surface, installing an advanced bioretention system, enhancing existing green stormwater infrastructure education and outreach, and developing a predictive model of future green site and stormwater management projects. Project will reduce nutrient and sediment loads discharging into the James River and will demonstrate effective stormwater management practices.

**Restoration of the Eastern Oyster in the Lynnhaven River (VA)**

Grantee: Chesapeake Bay Foundation  
Grant Award: $199,987  
Matching Funds: $157,075  
**Total Amount:** $357,062

Establish 2.5 acres of new oyster reef, construct and plant 200 reef balls, and place 5.5 million young oysters in the Lynnhaven River. The project will be conducted in partnership with Lynnhaven River Now oyster reef construction, enhancing the population of native eastern oysters and engaging approximately 500 volunteers in a wide array of hands-on oyster restoration activities.

**Supporting Community-Based Municipality Stormwater Retrofit Plans in Prince George’s County (MD)**

Grantee: Low Impact Development Center  
Grant Award: $146,100  
Matching Funds: $2,500,000  
**Total Amount:** $2,646,100

Create partnerships and provide capacity to the 12 municipalities within the Anacostia Watershed to assist in meeting National Pollutant Discharge Elimination System permit requirements. Project will engage elected officials, community leaders, citizens, staff and businesses resulting in the planning, selection and design of stormwater retrofit best management practices.
Restoration of the Eastern Oyster in the Lynnhaven River Western Branch (VA)
Grantee: Lynnhaven River Now
Grant Award: ........................................... $200,000
Matching Funds: ...................................... $155,000
Total Amount: ....................................... $355,000

Construct a 3-acre oyster reef using crushed concrete substrate, the first alternative-substrate reef, in the Lynnhaven River. Project supports an overall goal of 60 acres reef habitat in the Lynnhaven River, in partnership with the Chesapeake Bay Foundation.

Oyster, Shoreline and Stream Retoration in the Rappahannock Tidal Tributaries (VA)
Grantee: Friends of the Rappahannock
Grant Award: ........................................... $91,573
Matching Funds: ...................................... $78,600
Total Amount: ....................................... $170,173

Restore Carter’s Creek and Urbanna Creek through oyster restoration on the river bottom, living shorelines and grasses to reduce shoreline erosion, and green infrastructure to address polluted stormwater runoff. Project will engage schools and community volunteers in restoration work, educating the community about the importance of water quality.

Soil Health Conservation, Engagement and Technical Assistance (MD, PA, VA)
Grantee: Stroud Water Research Center
Grant Award: ........................................... $199,976
Matching Funds: ...................................... $189,200
Total Amount: ....................................... $389,176

Partner with Cover Crop Coaching to increase access to technical expertise on soil health and increase adoption rates. Project will enable Cover Crop Coaching to direct farmer meetings, host train-the-trainer events, and increase outreach to landowners renting cropland to tenant farmers. Project will help address the shortfall of technical expertise on soil health, and will increase adoption rates of cover crops and no-till.

Lakemont Park Green Infrastructure and Urban Runoff Management (PA)
Grantee: Blair County Conservation District
Grant Award: ........................................... $195,000
Matching Funds: ...................................... $237,100
Total Amount: ....................................... $432,100

Construct green infrastructure in Lakemont Park, including three rain gardens, a vegetated permeable pavement lot, a rain water harvesting system for stormwater re-use, and a riparian buffer. Project will manage upland urban runoff and will become part of the maintenance program for the park/recreational area. The project also provides opportunity for education and examples for additional community green infrastructure redevelopment.

Low Impact Stormwater Retrofit in the Town of Warsaw (VA)
Grantee: Northern Neck Planning District Commission
Grant Award: ........................................... $200,000
Matching Funds: ...................................... $1,443,550
Total Amount: ....................................... $1,643,550

Convert an abandoned and paved shopping center to a stormwater pond with green space, rain gardens, bioretention areas, walking trails, native plants and interpretive signage. Project will be a living and visible demonstration site that invites pedestrians into the downtown area and informs residents, students and visitors of the positive impact of green infrastructure.

Converting a Fire Pond into a Step Pool Storm Conveyance in the Town of New Market (MD)
Grantee: Town of New Market
Grant Award: ........................................... $150,159
Matching Funds: ...................................... $150,000
Total Amount: ....................................... $300,159

Retrofit the Town of New Market’s fire pond, converting the pond into a step pool storm conveyance system to mitigate future flood risk. Project will capture and treat runoff from 25.8 acres of land and will improve local water quality and nutrient and sediment loads.

Green Infrastructure and Water Quality Monitoring in Gwynns Falls (MD)
Grantee: Blue Water Baltimore
Grant Award: ........................................... $200,000
Matching Funds: ...................................... $225,000
Total Amount: ....................................... $425,000

Implement green infrastructure in Gwynns Falls, planting 700 new trees and constructing stormwater retrofits to treat 2 acres of impervious surfaces. Project will engage residents on local environmental issues and will link water quality monitoring data to restoration activities at 14 non-tidal locations while studying pre- and post-pollution levels at large-scale restoration project sites.

Implementing Targeted Nutrient Management in the Shenandoah Valley and Eastern Shore (VA, MD)
Grantee: Ridge to Reefs
Grant Award: ........................................... $199,787
Matching Funds: ...................................... $93,378
Total Amount: ....................................... $293,165

Construct four denitrifying bioreactors and 3.6 acres of nontidal wetlands in priority watersheds with high nutrient loads in Maryland and Virginia. Project will improve farms environmental performance, treat legacy nutrients, and will
benefit American black duck wintering habitat and eastern brook trout recovery.

**Increasing Rotational Grazing and Crop Cover Practices through Farmer and Community Engagement (PA)**
Grantee: Capital Resource Conservation and Development Area Council
Grant Award: $194,431
Matching Funds: $68,910
**Total Amount:** $263,341

Support the adoption of cover crop grazing and other rotational grazing practices both on four study farms and an additional six to 10 farms, transitioning land to rotational grazing. Project will result in 200 acres of best management practices and innovation in rotational grazing.

**Fish Passage Improvement and Culvert Replacement in the Upper Sinnemahoning Creek Watershed (PA)**
Grantee: Western Pennsylvania Conservancy
Grant Award: $136,466
Matching Funds: $115,787
**Total Amount:** $252,253

Replace four culverts at priority locations for native brook trout populations in the upper Sinnemahoning Creek watershed. Project will result in 4 miles of stream opened to fish passage and restored.

(continued)
Engaging Local Landowners in Living Shorelines and Shoreline Management (VA)
Grantee: Middle Peninsula Planning District Commission
Grant Award: $199,914
Matching Funds: $70,000
Total Amount: $269,914
Target landowners with contiguous repetitive loss properties to create a 500 to 700-foot stretch of living shoreline and develop rural coastal flooding resiliency plans utilizing sand from other dredging projects. Project will improve coastal resiliency and mitigation efforts, while simultaneously improving water quality and managing shoreline erosion and marsh loss.

Sustainable Streamside Buffer Establishment in the Upper Susquehanna (NY)
Grantee: Tioga County Soil and Water Conservation District of New York
Grant Award: $200,000
Matching Funds: $66,000
Total Amount: $266,000
Support the Upper Susquehanna Coalition Buffer Program to plant additional riparian buffer acreage and facilitate management on riparian buffer practice acres. Project will educate and manage riparian buffer stewards to evaluate and assess buffers throughout the watershed to determine plant survival and management needs and to facilitate management activities.

PROJECT LiNK: Stormwater Management in Shenandoah Towns (VA)
Grantee: Town of Woodstock
Grant Award: $200,000
Matching Funds: $67,155
Total Amount: $267,155
Construct two biofiltration projects, incorporate permeable pavers into a retrofit of court square area, and foster broader adoption and better maintenance of stormwater facilities by the localities in the Shenandoah River Friendly Towns collaboration through a series of related outreach and training efforts. Project will demonstrate benefits of green infrastructure in Shenandoah localities.

Stream Restoration and Brook Trout Habitat Improvement in the Cohocton River (NY)
Grantee: The Nature Conservancy
Grant Award: $178,076
Matching Funds: $66,000
Total Amount: $244,076
Improve two culverts, conduct streambank restoration on a key tributary, and increase river management capacity training and continuous water quality monitoring to inform strategic interventions in the watershed. Project will improve brook trout habitat and increase connectivity to and between already identified high-quality eastern brook trout habitat.

Stream and Habitat Restoration in Kings Branch Flat Creek Greenway Natural Area (MD)
Grantee: South River Federation
Grant Award: $199,650
Matching Funds: $200,000
Total Amount: $400,000
Restore a rapidly eroding 3,270 linear foot stream bank and enhance non-tidal wetlands, thereby reconnecting the floodplain. Project will reduce nutrient and sediment pollution loads, benefit local residents and visitors by protecting hiking trails in the Kings Branch Flat Creek Greenway Natural Area, and restore lost habitat and stream functions.

Freshwater Mussel Restoration in the Anacostia (DC)
Grantee: Department of Energy and Environment
Grant Award: $200,000
Matching Funds: $200,000
Total Amount: $400,000
Improve and study water quality conditions in Kingman Lake, Nash Run and Watts Branch using three native species of freshwater mussels: eastern elliptio, alewife floater and eastern pondmussel. Project will educate 400 young people per year on the importance of freshwater mussels for ecosystem services and develop a freshwater mussel restoration plan for the District of Columbia based on work performed during this grant and prior to this grant.

Engaging the Plain Sect Community and Market for Clean Water (PA)
Grantee: Lancaster Farmland Trust
Grant Award: $198,463
Matching Funds: $520,000
Total Amount: $718,463
Increase adoption of farm conservation practices through engaging Plain Sect community leaders, creating learning farms to provide peer-to-peer understanding and enthusiasm for conservation, and implementing best management practices on farms. Project will engage market demand for sustainability via dairy supply chain players under increasing pressure from consumers to address sustainability and create a replicable model that can scale more broadly across the watershed.

Cambridge Residential Stewardship Initiative II (MD)
Grantee: Nanticoke Watershed Alliance
Grant Award: $109,871
Matching Funds: $50,588
Total Amount: $160,459
Work with local partners to install 10 best management
practices on residential lands in the Choptank River Watershed, complete a community needs survey and a stormwater financing feasibility study, and engage local decision makers in stormwater management. Project will reduce nutrient and sediment loads entering the Choptank River and increase future funding options for stormwater best management practice implementation.

**Expanding Green Infrastructure, Urban Stream and Tree Canopy Restoration in Hopewell (VA)**
Grantee: Chesapeake Bay Foundation
Grant Award: $199,999
Matching Funds: $96,258
Total Amount: $296,257
Implement large-scale stream restoration and wetland enhancement on an eroding stream channel, re-establish floodplain wetlands adjacent to the stream channel, plant 250 urban trees, and create “conservation corners” to install green features in residential areas with poorly draining soils. Project will engage more than 250 community volunteers and develop Meaningful Watershed Education Experiences for students to take advantage of the large-scale stormwater management project proximity.

**Securing and Expanding Brook Trout Habitat in the Cacapon and Potomac South Branch (WV)**
Grantee: Trout Unlimited
Grant Award: $192,934
Matching Funds: $266,483
Total Amount: $459,417
Strengthen and expand stronghold patches of brook trout by restoring in-stream and riparian habitat, mitigating barriers to aquatic organism passage, and increasing the number of agricultural producers implementing streamside best management practices. Project will restore riparian forest buffers and fish passage, recruit 200 volunteers to assist in environmental stewardship projects, and provide conservation planning and technical assistance to 30 new landowners.

**Oyster Reef Restoration in the St. Mary’s River Shellfish Sanctuary (MD)**
Grantee: St. Mary’s River Watershed Association
Grant Award: $71,436
Matching Funds: $62,797
Total Amount: $134,233
Construct and install 5 acres of three-dimensional reef
structures and traditional oyster restoration structures in the St. Mary’s River Shellfish Sanctuary. Project will engage 200 volunteers on site and an additional 600 STEM and public school students.

**Reconnecting and Restoring Brook Trout Habitat at Public Road-Stream Crossings (VA)**
Grantee: The Piedmont Environmental Council
Grant Award: .............................................. $199,057
Matching Funds: ...................................... $327,009
**Total Amount:** ....................................... $526,066
Replace restrictive culverts with improved stream-simulation road-stream crossings for full aquatic organism passage in Piedmont. Project will improve instream habitat by restoring 0.30 riparian acres of habitat, reconnecting 4 miles of stream, and removing two barriers to fish passage.

**Land Conservation and Nutrient Management Planning in the Central Shenandoah Valley (VA)**
Grantee: Valley Conservation Council
Grant Award: .............................................. $199,063
Matching Funds: ...................................... $103,500
**Total Amount:** ....................................... $302,563
Provide technical assistance to 10 or more farm landowners with donated conservation easements through the creation of nutrient management or resource management plans. Project will permanently protect property and secure buffers/livestock exclusion on 6-10 miles of streams and associated buffers.

**Trees for Public Health in the Harris Creek Watershed (MD)**
Grantee: Baltimore Tree Trust
Grant Award: .............................................. $200,000
Matching Funds: ...................................... $1,075,000
**Total Amount:** ....................................... $1,275,000
Expand the urban tree canopy and remove impervious surfaces, focusing on planting trees along streets in neighborhoods identified as concrete-laden, with critically low tree coverage. Project will result in 275 newly planted street trees and the removal of 8,800 square feet of impervious surface.

**Micro-Bioretention at St. Vincent de Paul Roman Catholic Church (MD)**
Grantee: St. Vincent de Paul Roman Catholic Congregation
Grant Award: .............................................. $136,677
Matching Funds: ...................................... $120,058
**Total Amount:** ....................................... $256,735
Construct three micro-bioretention facilities in St. Vincent de Paul Roman Catholic Church’s parking lot. Project will capture and treat stormwater and pollutants that run off from the parking lot into Jones Falls River and Baltimore Harbor.

**Living Shoreline and Oyster Reef Ball Restoration in the Turnbull Community (MD)**
Grantee: South River Federation
Grant Award: .............................................. $117,125
Matching Funds: ...................................... $319,128
**Total Amount:** ....................................... $436,253
Stabilize 748 feet of shoreline through rock sills and oyster reef balls; reef balls will be placed along the bottom of rock sills and set with oyster spat to study oyster population success. Project will prevent 97 pounds of nitrogen, 56 pounds of phosphorus and 144 tons of sediment from reaching the South River annually.

**Retrofitting Epping Forest’s Community Clubhouse (MD)**
Grantee: Epping Forest
Grant Award: .............................................. $131,000
Matching Funds: ...................................... $47,970
**Total Amount:** ....................................... $178,970
Retrofit Epping Forest’s community clubhouse drainage ditch by widening the ditch. Project will improve water quality in the adjacent Severn River and will address localized flooding and erosion problems.

**Increasing Consistent Training for Local Soil Conservation Districts (MD)**
Grantee: Maryland Association of Soil Conservation Districts
Grant Award: .............................................. $45,296
Matching Funds: ...................................... $107,233
**Total Amount:** ....................................... $152,529
Increase the planning, design and technical assistance capacity of Maryland’s soil conservation districts, which provide services in agricultural and urban landscapes through consistent training. Project will increase the capacity for conservation planning and implementation in order to increase conservation and reach Maryland’s Phase III Watershed Implementation Plan goals.

**Train the Trainer: Increasing Efficiency of Agricultural Outreach (PA)**
Grantee: National Wildlife Federation
Grant Award: .............................................. $49,750
Matching Funds: ...................................... N/A
**Total Amount:** ....................................... $49,750
Host a webinar series and six messaging and communications training events for agricultural outreach professionals within the Chesapeake Bay Watershed in Pennsylvania. Project will increase the efficiency of agricultural outreach professionals by providing the tools and cultural frameworks needed to influence farmers to use water-quality best management practices.
Stormwater Retrofit Design at Woodsyde Estates (MD)
Grantee: Carroll County Government - Bureau of Resource Management
Grant Award: $50,000
Matching Funds: $60,000
Total Amount: $110,000
Design the retrofit of two existing stormwater management facilities in the Woodsyde Estates subdivision to provide water quality treatment for 59 acres of drainage area and design a stabilization and restoration of 1,600 linear feet of steam within the South Branch of the Patapsco River. Project design, when implemented, will improve water quality as well as provide protection of the downstream receiving stream.

Continuing Momentum to Reduce Stormwater Pollution in the Oxford Region (PA)
Grantee: University of Maryland Environmental Finance Center
Grant Award: $49,950
Matching Funds: N/A
Total Amount: $49,950
Support the Oxford Regional Planning Committee in their efforts to address stormwater pollution in both the regulated and unregulated parts of municipalities. Project will develop a partner structure for program delivery and will translate pollution reduction goals to the local level while providing a sustainable financing strategy to support initiation and continued implementation of programming throughout the watershed.

Farm Resiliency Education for At-Risk Coastal and Riparian Agricultural Lands (MD, VA)
Grantee: College of William and Mary, Virginia Institute of Marine Science
Grant Award: $49,994
Matching Funds: N/A
Total Amount: $49,994
Host a series of workshops with to develop a strategy and work plan for managing farming landscapes, outline projects that could be undertaken for piloting practices, develop proposals for implementation, and target potential sites. Project will address farmlands at risk to rising sea levels and will bring together agricultural economists, experts on alternative cropping systems, and ecosystem specialists to provide expertise on how to transition vulnerable agricultural landscapes.

Identifying and Designing Restoration in Tier II Eastern Brook Trout Patches (PA)
Grantee: Tioga County Conservation District of Pennsylvania
Grant Award: $37,640
Matching Funds: $12,178
Total Amount: $49,818
Identify, prioritize, design and permit habitat restoration projects within two Tier II eastern brook trout patches, the Tioga River and Babb Creek. Project will enhance the ability of the Tioga County Conservation District to implement effective priority habitat restoration and sediment reduction projects, motivate individuals and local governments to implement projects, and increase benefits to water quality and eastern brook trout habitat.

Leveraging Partnership and Data in the Nanticoke for Stormwater Best Management Practices (DE)
Grantee: University of Maryland Environmental Finance Center
Grant Award: $49,996
Matching Funds: N/A
Total Amount: $49,996
Use existing collaborative structures in the watershed to collect and analyze data about demographics and landownership to identify needed changes and gaps. Project will assist Nanticoke Watershed Alliance in developing recommendations for stormwater management to increase participation in programs and implementation, meet total maximum daily load goals across regulated and unregulated parts of the region, and fit the communities’ financing capacity.

Unassessed Waters Initiative (PA) - IV
Grantee: Western Pennsylvania Conservancy
Grant Award: $50,000
Matching Funds: $53,977
Total Amount: $103,977
Conduct 1,000 fish surveys on previously unassessed streams, coordinating priorities, data collection, and data management. Project will provide data on previously unassessed streams in order to ensure proper stream classification, which is vital to successfully protecting Pennsylvania’s water resources.

From Design to Construction: Scaling-Up to Meet Demand for Living Shorelines on the Lower Bay (VA)
Grantee: Environmental Concern
Grant Award: $50,000
Matching Funds: N/A
Total Amount: $50,000
Increase the capacity of the Elizabeth River Project for in-house design and construction of living shorelines, rain gardens, wetlands, and other green infrastructure. Project will address a lack of available and affordable construction firms to meet an increasing demand for this work on the lower bay.

Reconnecting Floodplains and Stream Restoration in the Upper Sassafras (MD)
Grantee: Shorerivers
Grant Award: $47,025
Matching Funds: $52,000
Total Amount: $99,025
(continued)
Produce a fully permitted stream and wetland restoration design that addresses an eroding 4,800 linear foot stretch of forested perennial stream in the headwaters of the Sassafras River. Project will result in designs for a stream that receives runoff from surrounding highways and a weigh station, as well as 370 acres of surrounding agricultural land.

Developing a Privately-Managed Upland Restoration Plan for Gwynns Falls (MD)
Grantee: CityScape Engineering
Grant Award: ................................. $32,939
Matching Funds: ............................. $332,000
Total Amount: .............................. $364,939
Perform a minimum of 16 green infrastructure audits and individual restoration site plans, providing a capital improvement planning tool for individual property owners, including anticipated costs for design, construction and maintenance of best management practices with recommended funding mechanisms.

Expand the RVA H20 Regional Partnership to Scale-Up Green Infrastructure in Richmond (VA)
Grantee: Alliance for the Chesapeake Bay
Grant Award: .................................. $999,963
Matching Funds: .............................. $1,093,036
Total Amount: .............................. $2,092,999
Enhance the structure and function of the RVA H20 regional water management partnership to implement stormwater best management practices in the City of Richmonds. Project will bring together the Richmond region government agencies and local partners to implement green infrastructure, with a specific focus on local public school sites and education.