Chesapeake Bay Stewardship Fund 2017 Grant Slate

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Great blue heron

OVERVIEW

The Chesapeake Bay Stewardship Fund seeks to protect and enhance the water quality and habitats of the Chesapeake Bay by helping local communities clean up and restore their polluted rivers and streams. The National Fish and Wildlife Foundation (NFWF) advances cost-effective and creative solutions with financial and technical assistance.

The Chesapeake Bay Stewardship Fund will identify priority subwatersheds to simultaneously achieve measurable water quality improvements, fish and wildlife habitat enhancements, and benefit threatened freshwater and marine fish species. The fund includes two distinct grant programs: the Chesapeake Bay Innovative Nutrient and Sediment Reduction Grants program and the Chesapeake Bay Small Watershed Grants program. Through these two programs, the fund is awarding 44 grants that address three key strategies for the Chesapeake Bay watershed:

- Targeted river and watershed restoration
- Green infrastructure in urban landscapes
- Innovation on cross-cutting issues

The grant slate represents a total award amount of $12.64 million, which will be leveraged by $17.71 million in grantee matching contributions for a total on-the-ground conservation impact of $30.35 million.

CHESAPEAKE BAY INNOVATIVE NUTRIENT AND SEDIMENT REDUCTION GRANTS

This program supports projects that expand the collective knowledge about the most effective and sustainable approaches to dramatically reduce or eliminate nutrient and sediment pollution to the Chesapeake Bay and its tributaries.

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ABOUT NFWF

The National Fish and Wildlife Foundation (NFWF) protects and restores our nation's fish and wildlife and their habitats. Created by Congress in 1984, NFWF directs public conservation dollars to the most pressing environmental needs and matches those investments with private funds. Learn more at **www.nfwf.org**

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Farmland, Lancaster County, Pennsylvania

Increasing Farmer Adoption of Nutrient Stewardship Practices (DE, MD, PA)
Grantee: The Mid-Atlantic 4R Nutrient Stewardship Association
CBSF Award: $401,425
Matching Funds: $443,108
Total Project: **$844,533**
The Mid-Atlantic 4R Nutrient Stewardship will accelerate the implementation of 4R Nutrient Stewardship practices (the application of nutrients using the right nutrient source, applied at the right rate, at the right time, and in the right place) in key watersheds in the Chesapeake Bay. The project will support the agricultural community's efforts to increase water quality in local rivers and result in 335,000 acres of increased practice implementation.

Partnership for Accelerated Water Quality Efforts in Lancaster County (PA)
Grantee: Conservation Foundation of Lancaster County
CBSF Award: $750,000
Matching Funds: $1,518,428
Total Project: **$2,268,428**
Conservation Foundation of Lancaster County will facilitate a public-private partnership to accelerate nutrient loading reduction in Lancaster County's waters, the region contributing to Pennsylvania's highest nutrient loading in the Chesapeake Bay. The project will create a focused, concentrated and accelerated effort to address water quality in Lancaster County by bringing partners and programs into collaboration – resulting in a county collaborative with enhanced efforts, resources and framework resulting in a greater impact on water quality.

Restoring Broad Creek While Advancing the Science of Urban Ditch "Re-Plumbing" (VA)
Grantee: The Elizabeth River Project
CBSF Award: $500,000
Matching Funds: $535,009
Total Project: **$1,035,009**
The Elizabeth River Project will improve stormwater management and coastal community resiliency by implementing innovative drainage management solutions in Norfolk's Ingleside community. The project will result in an annual pollution reduction of about 27 pounds of phosphorus, 98 pounds of nitrogen and 7,090 pounds of sediment.

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Chesapeake Bay Stewardship Fund 2017 Grant Slate

Partnering for Accelerated Agricultural Best Management Practices in South-Central Pennsylvania (PA)
Grantee: Stroud Water Research Center
CBSF Award: $750,000
Matching Funds: $1,911,417
Total Project: **$2,661,417**
Stroud Water Research Center will partner with major nongovermental organizations and the private agricultural services sector to deliver agricultural best management practices in south-central Pennsylvania, prioritizing subwatersheds in Lancaster and Chester counties, in order to improve local and Chesapeake Bay water quality. The project will result in 24 farms installing nearly 200 best management practices, including 14.6 acres of forested buffers.

Long-term Pollution Reduction via Permanent Protection of Farmland and Conservation Practices (PA)
Grantee: Lancaster Farmland Trust
CBSF Award: $490,714
Matching Funds: $1,056,750
Total Project: **$1,547,464**
Lancaster Farmland Trust will place 310 acres under long-term easement and annually remove 127,900 pounds of sediment, 9,611 pounds of phosphorus and 36,988 pounds of nitrogen from local waters through enhanced nutrient management. In Lancaster County, Pennsylvania, the project will implement an innovative, acceleratory approach to water quality improvement that couples two proven strategies – the permanent protection of farmland and the implementation of conservation practices on farmland.

Cost-Share and Technical Assistance for Installation of Stormwater Best Management Practices (VA)
Grantee: Virginia Association of Soil and Water Conservation Districts
CBSF Award: $750,000
Matching Funds: $750,000
Total Project: **$1,500,000**
Virginia Association of Soil and Water Conservation Districts will advance a financial costshare and technical assistance program for voluntary installation of stormwater best management practices that address water quality concerns on land where no other costshare program is available within Virginia's 30 conservation districts that are wholly or partially in the Chesapeake Bay watershed. The project will lead to the installation of approximately 135 stormwater best management practice projects on residential, commercial, industrial and municipal properties.

Stream ReLeaf: Reinvigorating the Replanting of Pennsylvania's Streamsides
Grantee: Pennsylvania Department of Conservation and Natural Resources
CBSF Award: $750,000
Matching Funds: $2,144,550
Total Project: **$2,894,550**
The Pennsylvania Department of Conservation and Natural Resources will formalize the Riparian Forest Buffer Advisory Committee, a collaborative effort of over 40 organizations in Pennsylvania, in order to realize efficiencies in riparian forest buffer outreach, technical assistance and implementation. These efforts will dramatically increase the implementation of riparian forest buffers in the Chesapeake Bay watershed region of Pennsylvania, resulting in significant reductions of nutrient and sediment pollution flowing from Pennsylvania into the Chesapeake Bay.

Reducing Local Impacts on the Chesapeake Bay through Riverside Park's Stream Restoration (VA)
Grantee: City of Hopewell
CBSF Award: $451,000
Matching Funds: $2,283,548
Total Project: **$2,734,548**
The City of Hopewell will significantly reduce nitrogen, phosphorus and sediment in the Appomattox River, the James River and the Chesapeake Bay by integrating innovative stormwater management practices into public greenways. The project will restore an actively eroding stream channel and wetlands supporting a 296-acre urban watershed, for a total of 2,214 linear feet of full stream restoration and 150 additional linear feet of streambank stabilization.

Agricultural Non-Point Source Restoration through a Conservation Drainage Program (MD)
Grantee: Midshore Riverkeeper Conservancy
CBSF Award: $451,960
Matching Funds: $467,980
Total Project: **$919,940**
Midshore Riverkeeper Conservancy will create a regional conservation drainage program that advances the implementation of conservation drainage practices and tests new agricultural best management practice technologies that have great potential to reduce nutrient and sediment from entering the Chesapeake Bay. The project will retrofit old and failing drain tile lines with the latest conservation practices and create a drainage water management plan to maximize the benefits of the new conservation drainage system.

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Chesapeake Bay | Credit: NASA

Natural Lands: Installing Buffers and Restoring Wetlands to Reduce Non-Point Source Runoff (MD)
Grantee: The Washington College Center for Environment and Society
CBSF Award: $499,956
Matching Funds: $801,798
Total Project: **$1,301,754**
The Washington College Center for Environment and Society will install native warm season grass buffers for the benefit of bobwhite quail and restore wetlands to reduce non-point source nutrient and sediment runoff from agricultural lands in the identified high priority zones of the upper and middle Eastern Shore of Maryland. The project will establish 28.5 acres of 100-foot minimum native grass buffers and 16 acres of wetlands.

Healthy Waters Round Table: Improved Water Quality through Rural Regional Collaboration (MD)
Grantee: Chesapeake Bay Foundation
CBSF Award: $316,004
Matching Funds: $347,707
Total Project: **$663,711**
Chesapeake Bay Foundation will assist local governments on Maryland's rural Eastern Shore to develop increased stormwater management capacity and implement best management practices that help meet mandated goals for improved water quality. The project will facilitate a collaborative regional structure among county and municipal representatives who will invest in shared technical support staff and services that aid in the planning, prioritization and streamlined delivery of restoration projects.

Integrated Watershed Approach for Improved Headwaters Water Quality (NY, PA)
Grantee: Tioga County Soil and Water Conservation District
CBSF Award: $877,210
Matching Funds: $881,500
Total Project: **$1,758,710**
The Tioga County Soil and Water Conservation District will restore 10 acres of wetlands, rehabilitate 5,000 feet of stream reaches, install 100 acres of riparian buffers and implement grazing practices. The latter will include cattle exclusion from 20 streamside acres to further protect and stabilize the riparian corridor and adjacent upland areas, and reduce nutrient and sediment loadings in the headwaters of the Chesapeake Bay watershed by building upon and expanding a regional scale implementation delivery system.

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Strengthening the Impact of Riparian Forest Buffers on Water and Habitat Quality (MD, PA, VA, WV)
Grantee: Maryland Department of Natural Resources
CBSF Award: $325,274
Matching Funds: $625,281
Total Project: $950,555
Maryland Department of Natural Resources will improve outreach and management of forest buffers and natural filters in the Chesapeake Bay watershed, capitalizing on the region's networks and their efforts and providing focused leadership to advance landscape-based implementation and community outreach. The project will plant over 200 acres of trees through the implementation of forest buffers, backyard buffers and community tree planting.

CHESAPEAKE BAY SMALL WATERSHED GRANTS

This program supports projects that promote community-based efforts to protect and restore the diverse natural resources of the Chesapeake Bay and its tributary rivers and streams.

Aquatic Connectivity and Nonpoint Source Pollution at Road-Stream Crossings (PA)
Grantee: Trout Unlimited
CBSF Award: $195,419
Matching Funds: $283,261
Total Project: $478,678
Trout Unlimited will collaborate among partnering agencies and organizations to successfully and cost-effectively increase aquatic connectivity for eastern brook trout and reduce sediment pollution and road-stream crossings across the Chesapeake Bay watershed in Pennsylvania. The project will replace three culverts and thereby open 15 miles of brook trout habitat.

One-on-One Farm Stewardship Program for Increased Agricultural Best Management Practices (MD, WV)
Grantee: Chesapeake Bay Foundation
CBSF Award: $200,000
Matching Funds: $141,859
Total Project: $341,859
Chesapeake Bay Foundation will work one-on-one with Upper Potomac watershed farmers in Maryland and West Virginia to provide technical assistance and support to increase the adoption of agricultural best management practices that improve water quality, increase productivity of farming operations and enhance wildlife habitat. The project will install forested riparian buffers and stream exclusion fencing, stabilize streambanks, restore pastures and wetlands, and convert cornfields to grazing pastures.

Shore Protection Planning and Living Shoreline on Pamunkey River (VA)
Grantee: Pamunkey Indian Tribe
CBSF Award: $199,544
Matching Funds: $66,912
Total Project: $266,456
Pamunkey Indian Tribe will address erosion along the shoreline of the Pamunkey Indian Tribe's Reservation to increase water quality in the Pamunkey River in Virginia. The project will create a management plan for 13 miles of shoreline and construct a living shoreline to reduce sedimentation to the river and restore approximately 6,630 square feet of freshwater marsh habitat.

Restoration Practices for Water Quality and Habitat Improvements on the Nanticoke River (DE)
Grantee: The Nature Conservancy
CBSF Award: $198,275
Matching Funds: $77,200
Total Project: $275,475
The Nature Conservancy will increase and improve forest habitat and water quality through technical assistance to the agricultural community in Delaware's portion of the watershed and reforestation at the Middleford North Preserve. The project will reforest approximately 73 acres of lands ranked as "high priority areas for both water quality and wildlife habitat" under the Nanticoke River Watershed Restoration Plan and deliver technical assistance for agricultural conservation efforts.

Oyster Restoration in the Lafayette River (VA)
Grantee: The Elizabeth River Project
CBSF Award: $200,000
Matching Funds: $129,630
Total Project: $329,630
The Elizabeth River Project will restore oyster habitat in the Lafayette River, a tributary of the Elizabeth River, reducing nitrogen concentrations by oysters filtering algae. The project will construct 2.25 acres of oyster reef, providing habitat for oysters, fin fish, crabs and mussels, and feed grounds for birds.

Linville Creek Stream Restoration: Reducing Sediment Transport (VA)
Grantee: Town of Broadway
CBSF Award: $200,000
Matching Funds: $237,225
Total Project: $437,225
The Town of Broadway will reduce sediment and nutrient pollution and improve instream and riparian habitat in Linville Creek Stream by restoring approximately 1,150 linear feet of Linville Creek and 210 linear feet of an unnamed tributary. The project will result in a total of

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Eastern Brook Trout

1,360 linear feet of restoration using natural channel design techniques and 1.6 acres of riparian planting.

Plum Creek Initiative: Restoring the Impaired Headwaters of a High-Quality Trout Stream (PA)
Grantee: The Trust for Tomorrow
CBSF Award: $196,210
Matching Funds: $138,842
Total Project: **$335,052**
The Trust for Tomorrow will improve water quality and eastern brook trout habitat in Plum Creek on agricultural lands in Pennsylvania through the implementation of stream and wetland restoration, agricultural best management practices, riparian buffer restoration and nutrient management planning. The project will result in reduced agricultural non-point source pollution, restored high-quality aquatic habitat and targeted technical assistance to landowners.

Rappahannock Headwater Stream Buffer Implementation and Conservation Initiative (VA)
Grantee: Friends of the Rappahannock
CBSF Award: $91,966
Matching Funds: $100,625
Total Project: **$192,591**
Friends of the Rappahannock will restore healthy riparian buffers in the headwater counties of the upper Rappahannock and Rapidan River watersheds through nutrient and sediment reduction, habitat creation, volunteer engagement, and community outreach and education. The project will provide technical assitance, materials and labor to property owners to establish riparian buffers on their property, resulting in approximately 15 acres of mature riparian buffer conservation and 20 acres of new riparian buffers.

Increased Implementation of Comprehensive Riparian Buffer Models in the Juniata River Basin (PA)
Grantee: Mifflin County Conservation District
CBSF Award: $173,971
Matching Funds: $59,259
Total Project: **$233,230**
Mifflin County Conservation District install riparian specific Best Management Practices through innovative methods and a diversity of programs to improve water quality in the Juniata River Basin. The project will reach new audiences to implement 2.5 miles of riparian restoration through livestock exclusions fencing, instream habitat restoration and riparian forest buffer installations.

Restoring Eastern Brook Trout Habitat at Bolton Branch (VA)
Grantee: The Piedmont Environmental Council
CBSF Award: $108,015
Matching Funds: $174,224
Total Project: **$282,239**
Reconnect 1.38 miles of eastern brook trout habitat, restore 735 linear feet of streams, improve 1.93 acres of riparian

buffers, and collaborate with private landowners and a range of nonprofit public partners to enhance eastern brook trout passage on Boldon Branch, a Blue Ridge headwater stream near Shenandoah National Park.

Envision the Choptank: Coordinating Efforts for a Healthy Choptank River (MD)
Grantee: Eastern Shore Land Conservancy
CBSF Award: $80,779
Matching Funds: $26,965
Total Project: **$107,744**
Eastern Shore Land Conservancy will coordinate various organizations, agencies and community groups to develop collaborative, evidence-based solutions that enhance the health and productivity of native oyster reefs and provide a swimmable and fishable Choptank River. The project will expand upon the partnership's ongoing Best Management Practice implementation efforts by providing the nutrient and stormwater reductions equivalent to 50 rain barrels and five rain gardens.

Town of Glasgow Stormwater Retrofit for Decreased Nutrient, Sediment, and Stormwater Volume (VA)
Grantee: Town of Glasgow
CBSF Award: $182,207
Matching Funds: $60,736
Total Project: **$242,942**
The Town of Glasgow will improve downstream water quality, provide flood attenuation for the town, and engage regional partners to provide outreach and promote similar projects in other small localities. The project will result in a constructed wetland and bioretention facility, annually reducing 10.99 pounds of phosphorus, 89.43 pounds of nitrogen and 3.13 tons of sediment from entering local waters.

Permanent Protection of Critical Habitat and Water Quality in the Chesapeake Bay Watershed (PA)
Grantee: Western Pennsylvania Conservancy
CBSF Award: $199,174
Matching Funds: $769,420
Total Project: **$968,594**
Western Pennsylvania Conservancy will permanently protect a minimum of 750 acres of land to protect critical habitat and water quality through conservation easements and fee acquisitions within the Chesapeake Bay watershed in Pennsylvania, an impaired area due to agricultural operations.

Installing Urban Rain Gardens and Training Stormwater Stewards for Stormwater Management (MD)
Grantee: Civic Works
CBSF Award: $196,622
Matching Funds: $190,000
Total Project: **$386,622**
Civic Works will install rain gardens that impact 3 acres of urban surfaces in community spaces, train Stormwater Stewards to maintain the spaces, and provide ongoing training, stipends, support and resources to increase community engagement in Baltimore City stormwater management, thereby increasing water quality of local waters running to the Chesapeake Bay.

Mobilizing Communities to Enhance Stream Restoration Projects for Stormwater Treatment (MD)
Grantee: Gunpowder Valley Conservancy
CBSF Award: $200,000
Matching Funds: $591,837
Total Project: **$791,837**
Gunpowder Valley Conservancy will install stormwater best management practices including rain barrels, rain gardens, micro-bioretention practices, conservation landscaping and forest buffers. The project will mobilize communities to reduce nutrient and sediment runoff, manage stormwater, and restore forests and streams in the Middle River, Tidal Gunpowder, Bird River and Lower Gunpowder Falls watersheds.

Rivanna River Renaissance: Abating the Impacts of Stormwater, Erosion and Sedimentation (VA)
Grantee: Rivanna Conservation Alliance
CBSF Award: $199,432
Matching Funds: $133,750
Total Project: **$333,182**
Rivanna Conservation Alliance will perform buffer plantings, obstructions removal, streambank restoration, river access improvements and the installation of stormwater retrofit rain gardens to abate the impact of stormwater, erosion and sedimentation from the Rivanna watershed on local waters and the Chesapeake Bay.

Pennsylvania Subsurface Application of Manure Initiative: Reducing Nutrient Runoff
Grantee: Sustainable Chesapeake
CBSF Award: $199,032
Matching Funds: $267,907
Total Project: **$466,939**
Sustainable Chesapeake will demonstrate an innovative financing strategy that incentivizes custom applicators to invest in new equipment and encourage manure injection to reduce nutrient loss to streams in the Chesapeake Bay watershed in the south central Susquehanna Basin.

Eastern Oyster Restoration in the Lafayette River (VA)
Grantee: Chesapeake Bay Foundation
CBSF Award: $199,665
Matching Funds: $299,062
Total Project: **$498,727**

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The Chesapeake Bay Foundation will establish 3.25 acres of new oyster reef within the Elizabeth River tributary system in the Lafayette River of Norfolk, Virginia. The project will enhance the population of native Eastern oysters and engage the watershed community in oyster restoration projects.

Rhode to Restoration: Collaboration to Restore Rhode River's Water Quality (MD)
Grantee: Smithsonian Institution
CBSF Award: $199,521
Matching Funds: $65,842
Total Project: **$265,363**
The Smithsonian Institution will restore the water quality and habitat of the degraded Rhode River through catalyzing a new collaborative network of stakeholders to identify and carry out solutions. The project will construct 2 acres of restored oyster reef in the Rhode River and increase citizen participation and education in restoration efforts.

Manure de Force: Reducing Pollutants to the Chesapeake Bay Watershed through Manure Management (WV)
Grantee: Eastern Panhandle Planning and Development Council
CBSF Award: $200,000
Matching Funds: $70,500
Total Project: **$270,500**
The Eastern Panhandle Planning and Development Council will develop a comprehensive poultry manure management plan for West Virginia to reduce nutrient and stormwater runoff and erosion into the Potomac watershed, and ultimately the Chesapeake Bay. The project will expand the regional manure market and increase demand for poultry manure sourced from the Eastern Panhandle and Potomac Valley regions of West Virginia.

Advancing Green Infrastructure in Fauquier County for Chesapeake Bay Water Quality Gains (VA)
Grantee: Center for Watershed Protection
CBSF Award: $187,951
Matching Funds: $80,572
Total Project: **$268,523**
The Center for Watershed Protection will expand the use of green infrastructure in Fauquier County to increase local and Chesapeake Bay water quality by addressing barriers to adoption and kick-starting implementation with demonstration projects. The project will install a stormwater wetland, ultimately preventing about 42 pounds of nitrogen, 6 pounds of phosphorus and 2,960 pounds of sediment from entering local waters.

Targeting Conservation Lands on Maryland's Lower Eastern Shore for Improved Bay Health
Grantee: Lower Shore Land Trust
CBSF Award: $179,628
Matching Funds: $2,287,472
Total Project: **$2,467,100**
The lower Shore Land Trust will accelerate the implementation of restoration and Best Management Practices and permanently protect critical conservation lands through targeted mapping and landowner outreach in Wicomico, Somerset and Worcester counties in Maryland in order to enhance water quality and habitat. The project will hold multiple landowner workshops, develop and disseminate outreach materials about Farm Bill programs, and deliver gains for water quality benefits by permanently protecting 1,000 acres of priority watersheds.

Increasing Resilience of Transitional Tidal Marsh for Enhanced Wintering Waterfowl Bird Habitat (MD)
Grantee: National Audubon Society
CBSF Award: $149,266
Matching Funds: $249,711
Total Project: **$398,977**
The National Audubon Society will extend the head of a small tidal creek in order to alleviate chronic waterlogging, halt and reverse marsh erosion in 100 acres of high marsh, and enhance tidal exchange and ecosystem function in newly transitioned marsh. These efforts will bring back lost habitat for birds like the American black duck at Farm Creek Marsh, a tributary of Fishing Bay.

Kettle Creek Sediment Reduction and Riparian Reforestation for Healthy Brook Trout Habitat (PA)
Grantee: Kettle Creek Watershed Association
CBSF Award: $43,662
Matching Funds: $62,380
Total Project: **$106,042**
The Kettle Creek Watershed Association will construct two streambank stabilization projects and one riparian planting project along Kettle Creek to provide additional stability, increase water quality and enhance habitat for native brook trout in the streambanks. The project will achieve an annual reduction of 43,940 pounds of nonpoint source sediment pollution to the watershed and restore a minimum of 1.1 acres of riparian corridor along Kettle Creek.

Bringing Back Eastern Brook Trout to Canoe Camp Creek Watershed through Bank Stabilizations (PA)
Grantee: Tioga County Conservation District
CBSF Award: $84,330
Matching Funds: $28,110
Total Project: **$112,440**

Tioga County Conservation District will implement bank stabilization projects for a minimum of 2,000 feet and install a minimum of 2 acres of riparian buffer to reduce sediment and nutrient transport downstream of the Canoe Camp Creek, leading to the recolonization of the eastern brook trout.

Reducing Pollution Loads to Improve Water Quality and Aquatic Habitat in Spring Creek Watershed (PA)
Grantee: Spring Creek Chapter of Trout Unlimited
CBSF Award: $160,700
Matching Funds: $100,640
Total Project: **$261,340**
The Spring Creek Chapter of Trout Unlimited will implement restoration projects at three sites throughout the Spring Creek watershed, restoring 1.12 miles of streambank and 4.29 acres of riparian habitat. The project will restore the habitat needed to support a self-sustaining wild eastern brook trout and brown trout fishery in the watershed and improve downstream water quality.

Replacing Impervious Surfaces on Washington Boulevard for Improved Stormwater Management (MD)
Grantee: Pigtown Main Street
CBSF Award: $149,894
Matching Funds: $238,700
Total Project: **$388,594**
Pigtown Main Street will conduct workshops, community events and interpretive signage, and install two vegetative curb extension stormwater bumpouts to reduce stormwater runoff from entering the Chesapeake Bay by over 572 cubic feet per precipitation event along Washington Boulevard in Pigtown, a neighborhood of Baltimore, Maryland.

Improving Oyster Restoration Siting to Maximize Available Habitat and Environmental Benefits (MD)
Grantee: Oyster Recovery Partnership
CBSF Award: $200,000
Matching Funds: $285,000
Total Project: **$485,000**
Oyster Recovery Partnership will develop tools to improve understanding of where suitable oyster bottom occurs and the habitat characteristics associated with those bottom types and repopulate and monitor 15 acres of oyster reefs with 60 million oysters deployed on bottom habitat identified from modeling and underwater images.

Soak It Up: Reducing Stormwater Runoff in Ellicott City (MD)
Grantee: Howard EcoWorks
CBSF Award: $153,762
Matching Funds: $120,422
Total Project: **$274,184**

Oyster bed, Chesapeake Bay, Maryland

Howard EcoWorks will engage up to 500 residents and businesses to implement up to 66 best management practices, and construct 8,550 square feet of rain garden, 32,500 square feet of conservation landscape, and 1,000 linear feet of forest buffer to reduce stormwater runoff in Ellicott City, Maryland.

Incorporating Green Infrastructure into Urban Agriculture Programs (DC)
Grantee: Low Impact Development Center
CBSF Award: $199,250
Matching Funds: $66,428
Total Project: **$265,678**
The Low Impact Development Center will develop a comprehensive nutrient and sediment control program in Washington, D.C. that promotes the integration of green infrastructure best management practices with sustainable urban agriculture programs. The project will install 0.2 acres of best management practices that will annually avoid 770 pounds of sediment, 0.81 pounds of phosphorus and 7.09 pounds of nitrogen from entering local waters annually.

Women for the Land: Voices for Soil and Water Conservation in the Chesapeake Bay Watershed (PA, VA)
Grantee: American Farmland Trust
CBSF Award: $195,057
Matching Funds: $89,907
Total Project: **$284,964**
American Farmland Trust will provide direct on-farm technical assistance to graduates of American Farmland Trust's Women for the Land's Learning Circles for conservation of the Chesapeake Bay. Project will provide one-on-one assistance to 20 women landowners, and implement nutrient and pasture management plans and ten livestock exclusions.