



NFWF

Pennsylvania Local Government Implementation, 2019

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PARTNERS

- U.S. Environmental Protection Agency
- Chesapeake Bay Program
- Pennsylvania Department of Environmental Protection

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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Wind turbines in Lancaster, Pennsylvania | Credit: Will Parson, Chesapeake Bay Program

The U.S. Environmental Protection Agency and the National Fish and Wildlife Foundation announced \$2.4 million in grant funding for 14 projects that will help improve local waters in Pennsylvania and contribute to the restoration of the Chesapeake Bay. The awards will directly support efforts by local governments and partners throughout the Bay watershed in Pennsylvania to implement water quality projects that reduce polluted runoff from urban, suburban, and agricultural lands. The \$2.4 million in federal funds will be leveraged with \$3.4 million in local matching funds for a total impact of nearly \$6 million.

Streambank Restoration on a Tributary to Kreutz Creek (PA)

Grantee: Hallam Borough
 Grant Amount:..... \$200,000
 Matching Funds:..... \$67,500
Total Project Amount:\$267,500
 Hallam Borough will restore 545 linear feet of stream bank along with 400 linear feet of eroded swale on an Unnamed tributary to Kreutz Creek in Hallam Borough, York County, PA. Project will stabilize stream banks and reduce sediment discharge to Kreutz Creek.

Cocalico Creek Floodplain Restoration (PA)

Grantee: Conservation Foundation of Lancaster County
 Grant Amount:..... \$200,000
 Matching Funds: \$827,890
Total Project Amount:\$1,027,890
 The Conservation Foundation of Lancaster County will establish native vegetation and stabilize streambanks in preparation for next phases of floodplain restoration within the

(continued)



Eastern newt in Pennsylvania | Credit: Will Parson, Chesapeake Bay Program

Little Cocalico Creek and Cocalico Creek watershed. Project will improve water quality through reduction of polluted runoff and increase of wetland habitat.

Groff Farm Floodplain Restoration (PA)

Grantee: West Lampeter Township
 Grant Amount:.....\$200,000
 Matching Funds:..... \$ 722,649
Total Project Amount: \$922,649.00

West Lampeter Township will Restore a 2,300 linear foot section of an eroded streambank and create approximately 4.4 acres of riparian habitat on a large portion of streambank of Big Spring Run in the Mill Creek Watershed. Project will reduce pounds of sediment, pounds of nitrogen, and pounds of phosphorus through the construction of Agricultural Best Management Practices on Groff Farm.

Stoner Park Streambank Restoration (PA)

Grantee: Manheim Township
 Grant Amount:.....\$200,000
 Matching Funds:.....\$100,000
Total Project Amount: \$300,000

Manheim Township will restore streambank along Landis Run within Stoner Park for approximately 1,336 linear feet of property owned by Manheim Township. Project will contribute to the sediment load reduction objectives of Manheim Township’s Pollutant Reduction Plan by eliminating a known source of sediment.

Memorial Park Stream Restoration (PA)

Grantee: Manheim Borough
 Grant Award:\$200,000
 Matching Funds:.....\$949,000
Total Project Amount: \$1,149,000

Manheim Borough will implement riparian buffers and stream bank stabilization for an approximate 3,000 linear foot section of the Chiques Creek. Project will reduce sediment and associated nutrients and other pollutants entering the stream in addition to providing educational and passive recreational opportunities.

Streambank Restoration on a Tributary to Conestoga Creek (PA)

Grantee: Manheim Township
 Grant Amount:..... \$93,780
 Matching Funds:.....\$100,000
Total Project Amount: \$193,780

Manheim Township will Restore approximately 1,065 linear feet of an unnamed tributary to the Conestoga River along Manheim Township property in Lancaster County, PA. Project will provide sediment load reductions to help meet Manheim Township’s Pollutant reduction Plan (PRP) by eliminating a causal source of sediment.



Cows in Lancaster, Pennsylvania | credit: aimintang

Streambank Stabilization and Stormwater Management on a Tributary to Chiques Creek (PA)

Grantee: West Hempfield Township
 Grant Amount:.....\$200,000
 Matching Funds:.....\$102,621
Total Project Amount: \$302,621

West Hempfield Township will partner with a plain-sect farmer to stabilize an eroded stream and drainage channel that conveys stormwater discharge from an upland developed area to Chiques Creek and install a bioretention basin to reduce stormwater volume and provide water quality benefits. Project will advance load reduction efforts through accelerated implementation of structural load-reduction practices.

Stream Restoration on Cedar Creek (PA)

Grantee: Lancaster Farmland Trust
 Grant Amount:.....\$161,934
 Matching Funds:..... \$32,000
Total Project Amount: \$193,934

Lancaster Farmland Trust will implement the following priority practices: loafing lot management, forest and grass buffers with exclusion fencing, and stream restoration along five properties on Cedar Creek in East Earl Township. Project will reduce nutrient and sediment pollution near the headwaters of the Conestoga River Watershed, improving water quality for downstream neighbors.

Stream Restoration on a Tributary to Chiques Creek (PA)

Grantee: Penn Township
 Grant Amount:.....\$200,000
 Matching Funds:.....\$295,717
Total Project Amount: \$495,717

Penn Township will partner with a plain-sect farmer to restore an eroded stream channel that conveys stormwater discharge to a tributary to Chiques Creek from an upland developed area including installing a stormwater bioretention facility to reduce stormwater volume and provide water quality benefits. Project will achieve a portion of the Township’s required pollutant reductions through stream restoration and native forest riparian buffers.

Detention Basin Retrofit in Residential Lower Allen Township (PA)

Grantee: Lower Allen Township
 Grant Amount:.....\$160,486
 Matching Funds: \$24,073
Total Project Amount: \$184,559

Lower Allen Township will retrofit an existing dry detention basin to a bioretention facility in the Moreland residential neighborhood of Lower Allen Township. Project will retrofit a total drainage area of 17.7 acres improving water quality and stormwater management while engaging and educating the local community about stormwater pollution.



Dairy farmer in rural Appalachia | credit: Jacqueline Nix

Lancaster City Retrofit and Rain Garden Implementation (PA)

Grantee: Alliance for the Chesapeake Bay, Inc.
 Grant Amount:.....\$200,000
 Matching Funds:..... \$30,000
Total Project Amount: \$230,000
 Alliance for the Chesapeake Bay, Inc. will support the City of Lancaster in implementing two green infrastructure projects within the southwest quadrant of Lancaster City. Project will partner with the Chesapeake Bay Landscape Professionals and Interfaith Partners of the Chesapeake to retrofit an existing rain garden in Brandon Park and a rain garden will be installed on the property of a neighborhood church to reduce the amount of stormwater that enters Lancaster City’s combined sewer overflow system.

Akron Borough Community Rain Garden and Stream Restoration (PA)

Grantee: Borough of Akron
 Grant Amount:.....\$120,000
 Matching Funds:..... \$41,100
Total Project Amount: \$161,100
 Borough of Akron will implement a rain garden for runoff control from the Akron Borough office building and restore approximately 500 feet of eroded stream through Roland Park. Project will reduce stormwater runoff and maximize infiltration and will continue community education events to encourage its residents, businesses, and churches to do similar Best Management Practices to reduce stormwater runoff and maximize infiltration.

Stormwater Management in Rotary Park (PA)

Grantee: Mount Joy Borough
 Grant Amount:.....\$100,000
 Matching Funds:..... \$15,000
Total Project Amount: \$115,000
 Mount Joy Borough will establish a native vegetative bioswale to slow down the velocity of water through a native grass channel while providing heavy erosion control to prevent future washouts. Project will reduce the amount annual sediment, phosphorus, and nitrogen transported to Little Chiques Creek and erect educational kiosks throughout the park to promote education on pollutants, erosion control, and stormwater best management practices for Borough residents and participants at the park.

Agriculture Runoff Water Quality Improvement in Salisbury Township (PA)

Grantee: TeamAg, Inc.
 Grant Amount:.....\$200,000
 Matching Funds:.....\$129,421
Total Project Amount: \$329,421
 TeamAg, Inc. will implement prepared Comprehensive Nutrient Management Plans for several small Plain Sect dairies in SalisburyTownship identified with critical water concerns including leaking manure storage facilities, runoff from barnyards and loafing areas, inadequate manure storage, improper treatment of milk house wastewater, and lack of cattle stream crossings and fencing to exclude cattle. Project will implement environmental improvements on farms to increase their economic and environmental performance.