

National Fish & Wildlife Foundation Funding Programs

Chesapeake Bay Stewardship Fund & Delaware River Program

PA Organization Watersheds & Rivers (POWR) March 25, 2022 Workshop Presentation



Presenter: Liz Feinberg, CalVan Environmental, NFWF Field Liaison

Chesapeake Bay Stewardship Fund (CBSF) Grants Programs

Primary Goals & Objectives



**Chesapeake Bay
Business Plan,**
NFWF's compass for
what it funds & why



National Fish and Wildlife Foundation

Chesapeake Bay Business Plan

August 2012 (Revised August 2018)

Chesapeake Bay Stewardship Fund | 1

- Improve **water quality**
 - sediment & nutrient reductions by 2025
- Restore and protect **key species** and their **habitats**
- Foster engaged and **diverse citizen and stakeholder action**

NOTE: NFWF's programs evolve & adapt -
always look at annual solicitations!

NEW: **Chesapeake WILD** - U.S. Fish & Wildlife Service

Chesapeake Bay Stewardship Fund (CBSF) Program 2022 Grants

- Small Watershed Grants (SWG) - (\$15M - \$25M)
- Innovative Nutrient & Sediment Reduction (INSR) Grants
- PA Most-Effective Basin Grants - (\$12M)

Funders: U.S. Environmental Protection Agency
 U.S. Dept of Agriculture NRCS
 U.S. Forest Service
 U.S. Fish & Wildlife Service
 Altria Group

Chesapeake Bay Stewardship Fund Programs – 2022 Grants

Grant Program:	Small Watershed Grants (SWG)	
	Planning & Technical Assistance (SWG-PTA)	Implementation (SWG-I)
Project Focus:	<u>Enhance local capacity</u> through assessment, planning, design, & technical assistance-oriented activities	<u>On-the-ground actions</u> to protect and restore water quality, species, and habitats
Eligible Applicants:	<ul style="list-style-type: none">- Non-profit organizations- Community-based org's- State/Local/Muni government- Tribal government & org's- Educational institutions- For-profit Tech Service Providers	<ul style="list-style-type: none">- Non-profit organizations- Community-based org's- Local/Muni government- Tribal governments & org's- K-12 educational institutions
Award Size:	Up to \$75,000	Up to \$500,000

Small Watershed Grant (SWG) Program Priorities in 2022 RFP:

1- Managing Agricultural and Urban Runoff

2- Improving Water Quality & Stream Health – Riparian Restoration/Conservation

3- Enhancing Freshwater Habitat

4- Protecting & Enhancing Terrestrial Habitat (land conservation & protection)

5- Protecting and Enhancing Tidal and Estuarine Habitat

6- Enhancing Nature-Based Resilience for Human Communities and Critical Habitats

7- Building Capacity for Landscape-Scale Watershed and Habitat Planning, Design & Implementation

What's NFWF looking for in a grant proposal...

Compelling Conservation Outcomes – well-aligned with RFP

Strong Co-benefits – project outcomes that meet broader CBSF program priorities

- Accompany, don't overshadow, project primary outcomes
- Boost project cost-effectiveness thus proposal competitiveness

Well-Leveraged Proposals - Meaningful Match

- Partner and stakeholder support – including in-kind service & financial contributions
- In-kind support - staff time, partner services and volunteer time/labor
- Pledged/secured cash donations and non-federal match

Technical Merit

- Project team competencies aligned with proposed activities
- Logical & achievable work plan correlated to project goals / objectives
- Clear and detailed budget commensurate with project outcomes

Co-Benefits Support Broader CBSF priorities

Such as ...

- Diminishing heat islands in city hot spots
- Protecting source water/public water supplies
- Engaging new audiences in restoration & stewardship
- Building workforce skills and creating jobs
- Sequestering carbon
- Reducing flooding and combined sewer overflows

**Public Health
& Social**

**Climate &
Resiliency**

Examples – Small Watershed Grant Awards

- ❖ **Stroud Water Research Center** – various soil/stream health, buffer, ag initiatives
- ❖ **Trout Unlimited** – *Strengthening Stronghold Brook Trout Patches through Stream Restoration and Habitat Improvement*
- ❖ **American Rivers** – *Assessing Opportunities for Mill Creek Riparian, Floodplain & Stream Restoration*
- ❖ **Defensores de la Cuenca** – *Promoting Watershed Stewardship...bilingual Stormwater Education*
- ❖ **Alliance for the Chesapeake Bay** – *Restoring Octoraro Reservoir: Plain Sect Conservation Action*
- ❖ **Lititz Run Watershed Alliance** – *Designing Floodplain Restoration in Santo Domingo Creek*

- Build and broaden partnerships
- Seek out new partners to build on strengths
- Enlist new stakeholders, including diverse audiences

Green Stormwater Infrastructure (GSI) Project

Bioretention Basins, Rain Gardens, and Bioswales

Primary Outcomes:

Reduce urban stormwater pollution

Co-benefits/Secondary Outcome:

- ❖ Mitigate flooding & streambank erosion
- ❖ Recharge groundwater & sustain stream base flow
- ❖ Raise awareness with interpretive signage
- ❖ Encourage landowner adoption thru education/technical assistance
- ❖ Attract pollinators



Nature-Based Infrastructure/GSI Project

Conservation Landscaping – Turf-to-Meadow Project...

Primary Outcome:

Capture and treat stormwater runoff pollutants

Co-benefits:

- ❖ Improved **soil permeability** and **soil health**
- ❖ Increased healthy microbial activity
- ❖ Pollinator and song bird habitat



Nature-Based Infrastructure/GSI Project

Tree Planting – Urban Tree Canopy...

- ❖ Reduces heat island impacts & urban hot spots in neighborhoods lacking canopy
- ❖ Reduces stormwater runoff & localized flooding
- ❖ Raises public awareness about tree planting and stewardship
- ❖ Sequesters carbon and filters air pollutants

One acre
forest
produces 36
times less
runoff than
conventional
pavement



"There is a special pride I feel as I walk the public streets and see our trees flourishing, knowing that I helped to make that happen."

Francine W. Kaplan
PHS Tree Tender

Tree Tenders - a PA Horticultural Society program

NFWF Contacts - Chesapeake Bay Stewardship Fund

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Delaware River Program – 2022 Grants

1- Delaware Watershed Conservation Fund (DWCF)

Funders: U.S. Fish & Wildlife Service, AstraZeneca
Funding available: \$12M

2- Delaware River Restoration Fund (DRRF)

Funders: William Penn Foundation, AstraZeneca
Funding available: \$2M

Delaware Watershed Conservation Fund (DWCF)

Grants:	Conservation Action Grants	Capacity-Building Grants *	Nature-Based Solutions Grants *
Project Focus & Priorities:	Implement on-the-ground restoration, conservation and community engagement projects that achieve the goals of the Delaware River Basin Restoration Partnership and Program Framework to: <ul style="list-style-type: none"> • sustain and enhance fish/wildlife habitat • improve and maintain water quality • sustain and enhance water management to benefit fish and wildlife • improve outdoor recreation opportunities 		
Eligible Applicants:	<ul style="list-style-type: none"> - Nonprofit organizations - Community-based organizations - Federal, state, interstate, and local governments - Tribal governments & organizations - Educational institutions <div>* New in 2022</div>		
Award Size:	\$75,000 - \$1,500,000	\$75,000 - \$500,000	\$75,000 - \$1,500,000

Delaware River Restoration Fund (DRRF)

Grants:	Targeted Implementation Grant and Cornerstone Grants
Project Focus & Priorities:	<p>On-the-ground restoration activities to improve water quality in one or more of seven Delaware River Watershed Initiative (DRWI) clusters</p> <ul style="list-style-type: none">• Conservation on working lands – farms and forests• Restoring streams, floodplain and wetlands• Green stormwater infrastructure
Eligible Applicants:	<ul style="list-style-type: none">- Nonprofit organizations- Local governments- Educational institutions
Award Size:	\$75,000 - \$500,000

NFWF Contacts - Delaware River Program

DELAWARE RIVER RESTORATION FUND (DRRF) TECHNICAL ASSISTANCE

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UNSURE WHO MIGHT BE THE BEST FIT? NFWF CAN HELP!

Email Syd Godbey (sydney.godbey@nfwf.org) and Erin Lewis (erin.lewis@nfwf.org)