



Addressing Stormwater Challenges with EPA Technical Assistance and Funding

Agenda

- EPA WaterTA for Stormwater
- EPA Funding Opportunities for Stormwater Projects
 - CWSRF & OSG
 - WIFIA Program
- Q&A





EPA Water Technical Assistance (WaterTA) for Stormwater

Water Infrastructure & Resiliency Finance Center (WIRFC)



Many Communities Face Stormwater Infrastructure Challenges

Clean Watersheds Needs Survey 2022



- Stormwater Needs
\$115 Billion (18% of total needs)
 - Grey Infrastructure \$59 billion
 - Green Infrastructure \$49 billion
 - General Stormwater Management \$6 billion

<https://www.epa.gov/cwns>

EPA Programs to Fund Stormwater Infrastructure

The Clean Water State Revolving Fund

CWSRF

The CWSRF is an **\$172 Billion** affordable loan program that can fund many projects, including stormwater work.

Sewer Overflow and Stormwater Reuse Municipal Grants

OSG

OSG is a **\$202 Million** grant program that can only fund overflow or stormwater projects.

CWSRF or OSG can Fund...

- Treatment works to intercept, transport, control, treat, or reuse municipal combined sewer overflows, sanitary sewer overflows, or stormwater
- Measures to manage, reduce, treat, or recapture stormwater or subsurface drainage water
- Reusing or recycling wastewater, stormwater, or subsurface drainage water

- CWSRF and OSG are flexible! They can support...
 - Ongoing overflow or stormwater work (gray or green)
 - Planning and design costs to get a project off the ground
 - Disadvantaged communities and EJ initiatives
 - CWSRF can be paired with Sewer Overflow and Stormwater Reuse Municipal Grant Program funds to reduce costs for the community



Bipartisan Infrastructure Law

- **\$50 billion** investment in water infrastructure – the largest ever!
- Large amount of funding will be grants/forgivable loans for **disadvantaged communities**
- Loans at **below market rates**
- **5-year** appropriation timeline



EPA Support for Stormwater Infrastructure

Funding

Clean Water and Drinking Water State Revolving Funds (CWSRF)

Sewer Overflow and Stormwater Reuse Municipal Grants (OSG)

Water Infrastructure Finance and Innovation Act (WIFIA)

Clean Water Indian Set Aside (CWISA)

Other EPA funding (e.g., Community Change Grants)

Technical Assistance (TA)

EPA WaterTA Programs

EPA WaterTA Engineering Support

Other EPA TA Programs

External TA Program Partnerships

[Navigating Federal Funding for Green Infrastructure and Nature-Based Solutions](#)



EPA WATER TA

**Environmental Finance
Centers**

**Closing America's Wastewater
Access Gap**

**Get the Lead Out (GLO)
Initiative**

**Training and Technical
Assistance for Small
Systems**

**Clean Water Rural, Small, & Tribal
Assistance**

**Lead Service Line Replacement
Accelerators Pilot**

Cybersecurity TA

Community Solutions Team Pilot

Creating Resilient Water Utilities

**Preliminary Engineering
Support**

...and more!

EPA WaterTA Supports Communities to:



Identify stormwater challenges



Plan for solutions



Increase community engagement



Improve compliance and resiliency of
stormwater services



Build technical, managerial, financial capacity



Develop application materials to access
stormwater infrastructure funding

EPA WaterTA Approach

- **Targeted:** focused on disadvantaged and underserved communities as well as those that may struggle to access funding to improve their stormwater infrastructure
- **Proactive:** directly assist disadvantaged and underserved communities – we go to them!
- **Community-centered:** meet communities where they are by building trust, adjusting to their needs, and being culturally competent

GOAL: more communities with applications for federal funding, quality stormwater infrastructure, and reliable stormwater services!

Technical Assistance (TA) Providers

EPA works with national and regional providers that are experts in stormwater and supporting communities.





Who is eligible to receive EPA WaterTA Services?

- Local governments/communities
- Drinking water utilities/systems
- Wastewater utilities/systems
- Stormwater utilities/systems
- States, Tribes, territories
- Non-governmental organizations
- **Questions? Contact WaterTA@epa.gov**

How to Request Assistance

Submit a WaterTA request form at epa.gov/WaterTA



Help for Your Community

The EPA's WaterTA aims to assist communities with applications for federal funding, quality infrastructure, and reliable water services. If your community is facing water infrastructure challenges and could benefit from support, we encourage you to learn more about [who can receive WaterTA services and the challenges WaterTA can help your community address](#) then complete and submit a webform request via the following button:

[Click Here to Request Water Technical Assistance for Your Community](#)



Complete in just a few minutes!

Wetland Stormwater Retention City of Waynesboro, VA

- To reduce polluted runoff to the South River and the Chesapeake Bay, the City of Waynesboro converted an open field into a wetland stormwater retention system.
- The \$1.7 million project cost was split between a state grant and a CWSRF loan of \$870,376 at 0% interest for 20 years.
- The stormwater ponds retain and delay the flow of excess water while native plants and trees filter and absorb phosphorus and nitrogen from runoff.



Green Stormwater Infrastructure Programmatic Financing

Capital Region Water - City of Harrisburg, PA

- CRW developed a CIP for green stormwater infrastructure throughout Harrisburg for the next 4 years.
- CRW received a \$13 million CWSRF loan from the Pennsylvania Infrastructure Investment Authority (PENNVEST) to cover the multi-year cash flow needs.
- Projects may include porous pavement, green roofs, rain gardens, and cisterns.
- Projects will capture urban stormwater runoff before entering the CSO system, reducing the frequency and volume of overflows to the Susquehanna River and Paxton Creek.



Maryland Route One Corridor Case Study

- University of Maryland Environmental Finance Center (WaterTA Provider)
- Partnership among a dozen communities to improve stormwater management, mitigate flooding, and expand pollinator habitat
- Outside convener enabled regional collaboration and peer-to-peer exchange
- Developed Action Plans as roadmaps for the communities



Stormwater TA Examples

- Stormwater Utility Establishment
 - Providence, RI

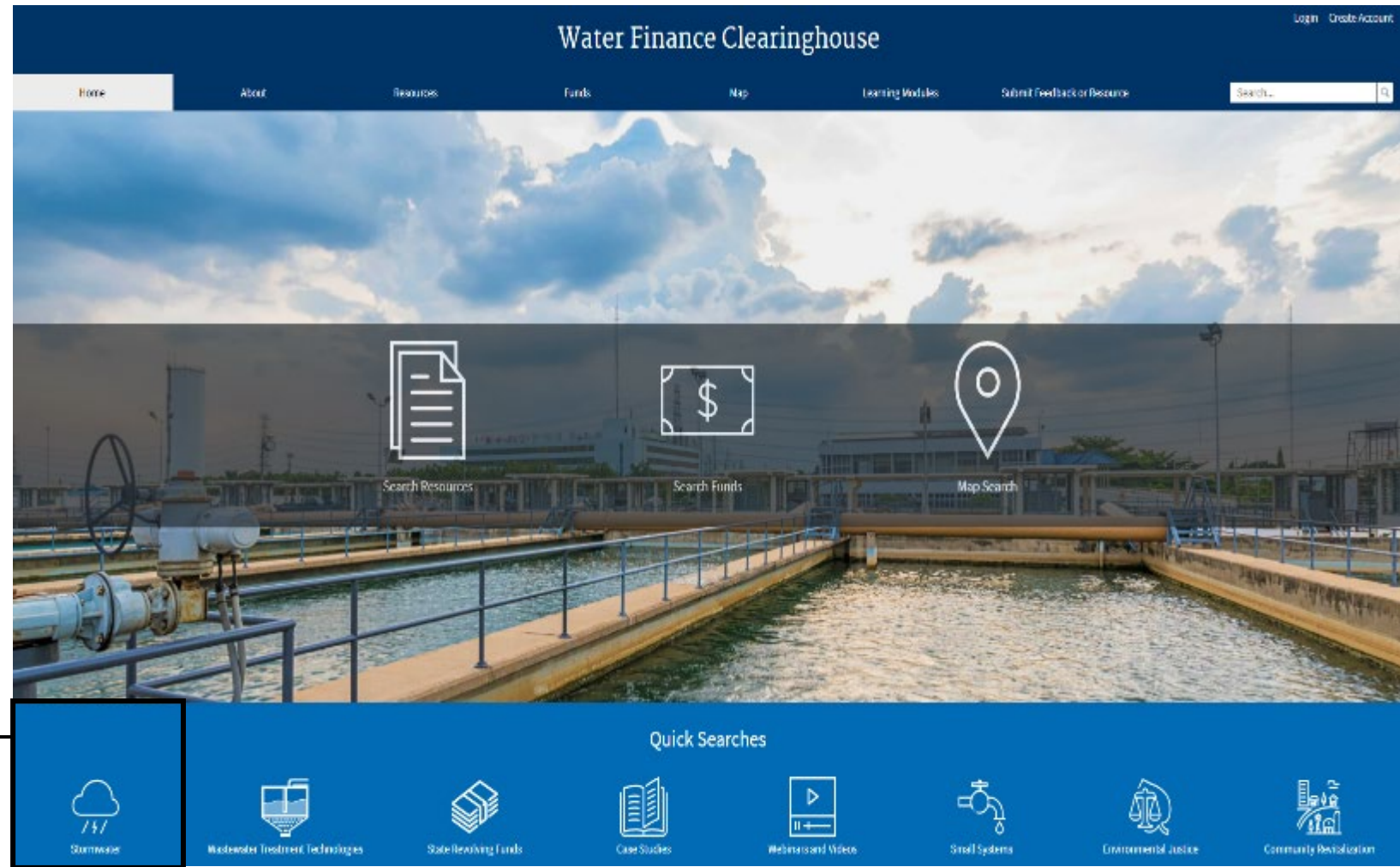


Water Finance Clearinghouse

Quickly filter for **stormwater** and **green infrastructure** resources using the bottom navigation bar

Also search and filter for stormwater-related:

- funding opportunities
- case studies
- webinars and videos
- learning modules
- and more



Learn more or request assistance at
www.epa.gov/WaterTA



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