

# Logistics



## Session 5: What types of projects are eligible for CWSRF funding?

Thursday, May 18, 2023



### Using the control panel

**Opening the control panel**

- Show your control panel
- All phones/microphones are muted for the duration of the webinar
- Toggle between full screen/window screen view

**Audio:** please choose between computer audio or phone call. If you do not hear audio right now, please check your speaker volume or enter #your Audio PIN# if using phone

Click **1** to open in Control Panel.

Submit **questions** in the Questions box at any time, and press [Send]

Click **4** to open in separate box and resize

# About Us

The Environmental Finance Center Network (EFCN) is a university- and non-profit-based organization creating innovative solutions to the difficult how-to-pay issues of environmental protection and environmental infrastructure.

The EFCN works collectively and as individual centers to address these issues across the entire U.S., including the 5 territories and the Navajo Nation. The EFCN aims to assist public and private sectors through training, direct professional assistance, production of durable resources, and innovative policy ideas.



# About Us

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Research Scientist  
Southwest Environmental Finance Center

## Shannon Pepper, M.S.

Research Scientist  
Southwest Environmental Finance Center



## EFCN members and Partners Participating in this Project

## About Our Partners



"We are committed to serve as trusted peer advisors to transform the water sector, ensuring the delivery of clean water and to protect the environment and public health in an affordable way."

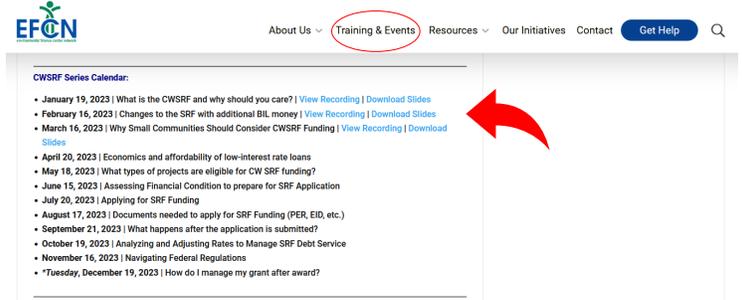


"The **WRRI** goals are to serve public and private interests in the conservation, development, and use of water resources; to provide training opportunities whereby skilled professionals become available to serve the private sector; and to communicate research findings to potential users in a form that encourages quick comprehension and direct application to water related problems."

# CWSRF Series

- **January 19, 2023** | What is the CWSRF?
- **February 16, 2023** | Changes to the SRF with additional BIL money
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- Intended as a series
- You can view recordings of any trainings you miss:



## Workshop Overview

1. Quick Introduction to the CWSRF
2. Introduction to CWSRF Project Eligibilities
3. Section 212 (Treatment Works) Borrower & Project Eligibility
4. Section 319 (Nonpoint Source) Borrower & Project Eligibility
5. Section 320 (Estuary) Borrower & Project Eligibility
6. Projects Ineligible for CWSRF
7. Additional Programs and Eligibilities
8. Resources
9. Questions

## Quick Introduction to the CWSRF

What is it and who is it for?

Why does the SRF (State **Revolving** Fund) exist?

WW infrastructure costs a lot of money

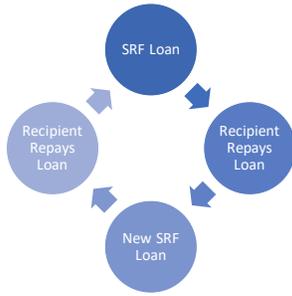
EPA Construction Grants Program to the rescue

~~Not sustainable!!!~~

Need a revolving loan fund to have sustainable funds - The SRF is born

Started with Clean Water Act Amendments of 1987

The 51 CWSRF programs function like environmental infrastructure banks by providing low interest loans to eligible recipients for water infrastructure projects.



★ Each State Decides! ★

States have flexibility to...

<p>target financial resources to their specific community and environmental needs</p>	<p>customize loan terms to meet the needs of small and disadvantaged communities, or to provide incentives for certain types of projects</p>	<p>provide further financial assistance through <b>additional subsidization</b>, such as: grants, principal forgiveness, and negative interest rate loans</p>
<p>target critical green infrastructure, water and energy efficiency improvements, and other environmentally innovative activities through the <b>Green Project Reserve</b></p>	<p>Choose <b>emerging contaminant</b> projects according to state-determined guidelines</p>	



What types of projects are eligible for CWSRF funding?

You might be surprised by the answer!

So, you've decided a **low-interest loan** with a **long payback period** would suit your water/wastewater/stormwater system's needs.



What's next?

## Can the CWSRF fund my Project?

Project Eligibilities vary greatly between CWSRF and DWSRF

- Different founding legislation -
- Clean Water Act versus Safe Drinking Water Act

Each federal SRF program has its own governing legislation

- Often implemented by different agencies at the State level

So, know your SRF!

- Figure out which category your Project falls under (CW/DW)
- Read your State's Intended Use Plan (IUP)

## 11 Eligible Project Types:

- Construction of publicly owned treatment works
- Security measures at publicly owned treatment works
- Nonpoint source [pollution]
- National estuary program projects
- Watershed pilot projects
- Stormwater
- Water conservation, efficiency, and reuse
- Energy efficiency
- Water reuse
- Decentralized WW treatment systems
- Technical assistance

## 11 Eligible Project Types:

- Construction of publicly owned treatment works  
• Security measures at publicly owned treatment works **212**
- Nonpoint source [pollution] **319**
- National estuary program projects **320**
- Watershed pilot projects **122**

- Stormwater
  - Water conservation, efficiency, and reuse
  - Energy efficiency
  - Water reuse
  - Decentralized WW treatment systems
- Green Project Reserve

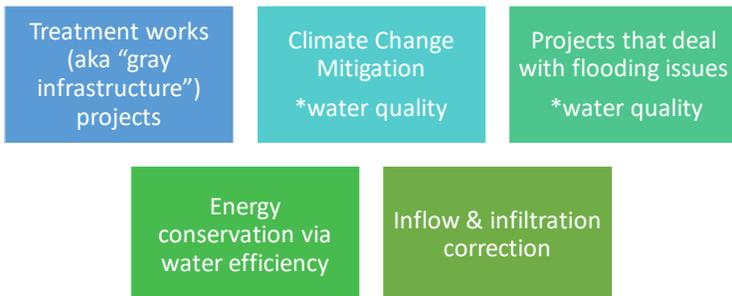
- Technical assistance
- Technical Assistance Set-Aside

Clean Water Act Section 603(c)(2)  
Eligibility Section 212:

Construction of Publicly-Owned Treatment Works (POTW)



## Eligible Projects under Section 212:



## Who can apply for Section 212 projects?

➤ Only public/municipal entities

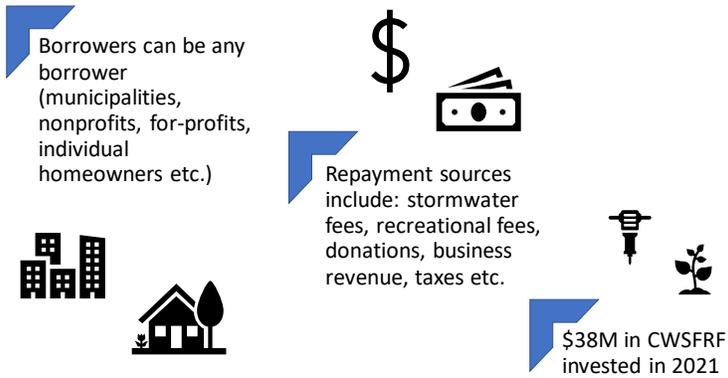


**POLL QUESTION:**

A small brewery in a rural town currently discharges its waste to the municipal wastewater treatment facility, which is causing very high and unpredictable slugs of nutrient in the plant, placing a strain on the facility. The municipality wants to require the brewery owner to install a pretreatment device that would lessen the impact to the WWTF. The municipality is even willing to take on the loan for the brewery since their state does not directly lend to private entities. Is this CWSRF-eligible?

**Clean Water Act Section 603(c)(2) Eligibility Section 319:**

Green Stormwater Infrastructure	Agricultural Best Management Practices	Resource Extraction	Decentralized Wastewater Treatment
Contaminated Sites	Landfills	Habitat Protection and Restoration	Silviculture
	Desalination	Groundwater Protection and Restoration	Surface Water Protection and Restoration



**Green Infrastructure**



Traditional Stormwater Infrastructure	Natural/Green	Engineered Green
<ul style="list-style-type: none"> <li>Conveyance pipes, storage treatment systems</li> <li>Sediment controls including filter fences, storm drain inlet protection, street sweepers, and vacuum trucks</li> </ul>	<ul style="list-style-type: none"> <li>Wetland/riparian/s horeline protection/restoration</li> <li>Establishment/restoration of urban tree canopy</li> </ul>	<ul style="list-style-type: none"> <li>Permeable pavements</li> <li>Rainwater harvesting collection, storage, management, distribution</li> <li>Bioretention, bioswales, infiltration basins, green roof</li> </ul>

\$2.1 million project, \$1.6 million from CWSRF

Over 22 thousand square feet of plants

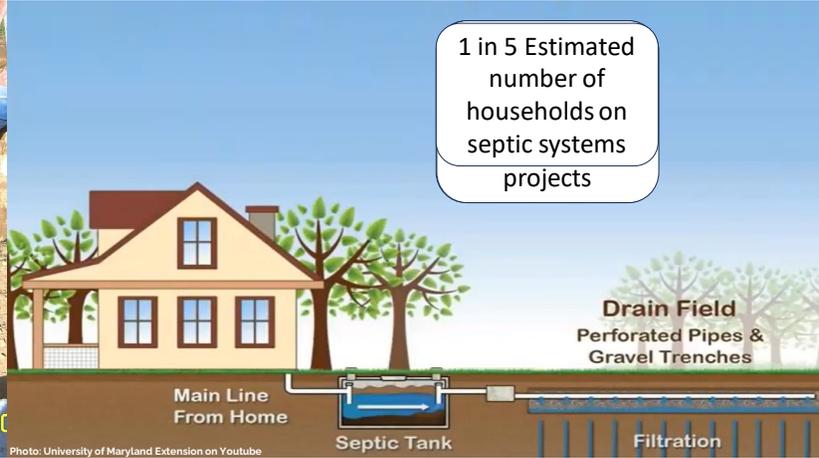
Absorb 325,000 gallons of rainwater each year



## Decentralized Wastewater Treatment



Photos: Soil Science on Flickr 14/07/2015



## Agricultural Best Management Practices



Photo: Conservation Media Library on Flickr



Photo: Washington State Department of Ecology on Flickr



Photo: Chesapeake Bay Program on Flickr



Photo: Conch Aid on Flickr

### Sediment control:

- Terraces
- Diversions
- Buffer and filter strips
- Streambank stabilization

### AFO Activities:

- Livestock/milk house waste management systems
- Manure containment structures
- Fencing to keep animals out of water bodies
- Well sealing
- Water diversions to avoid feedlots

### Cropland Activities:

- Manure injection equipment
- Manure spreaders
- Water efficient irrigation

### Resource extraction:

- Mining, quarrying, oil/gas operations
- Clean up from fracking wastewater

### Contaminated Sites:

- Brownfield
- Superfund
- Storage tanks

### Landfills:

- Closure/landfill leachate and treatment

Resource Extraction,  
Contaminated Sites,  
Landfills

## Habitat Protection & Restoration

Shoreline  
Activities

Water Control  
Structures

Instream  
Activities

Invasive Species  
Controls



# Other CWSRF Resources

## Contact lists

### State contacts

<https://www.epa.gov/cwsrf/state-cwsrf-program-contacts>

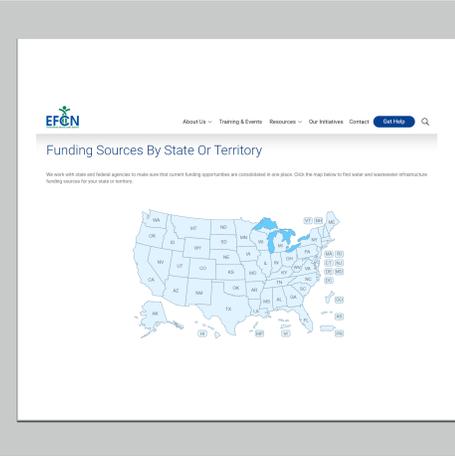
Also available in the downloads

Regional office information is also available

<https://www.epa.gov/cwsrf/epa-regional-office-cwsrf-contacts>

### Funding Tables by State

<https://efcnetwork.org/resources/funding-tables/>



**New York Water and Wastewater Funding Sources**  
Compiled by the Environmental Finance Center Network, July 2022

Organization	Program (key words)	Key words	How to Apply	Purpose or Use of Funds	How to Apply	Website	Contact
New York State Environmental Facilities Corporation (EFC)	Drinking Water State Revolving Fund (DWSRF) (water)	✓		The Drinking Water State Revolving Fund (DWSRF) provides financial assistance for drinking water projects. Examples include treatment plants, distribution mains and storage facilities. EFC provides both short and long term financing to assist in the construction of all size projects with varying financial needs. Interest free financing and grants may be available to qualifying communities with demonstrated financial hardship. The DWSRF is administered jointly by EFC with the State Department of Health. EFC administers the financial aspects of the DWSRF.	To be considered, projects must be listed on the Annual List of the DWSRF Investment Plan. This is done by completing a Project Listing Form and submitting it along with a Smart Growth Assessment Form and Engineer Report. Projects are typically listed each October 1st and Close Dates, applicants can submit a DWSRF Financing Application. Listing and application information can be found here: <a href="https://efc.ny.gov/cwsrf">https://efc.ny.gov/cwsrf</a>	<a href="https://efc.ny.gov/cwsrf">https://efc.ny.gov/cwsrf</a>	Chief, Design Section Bureau of Water Supply Protection NY State Department of Health NewarkHealth@ny.gov 518-402-7300 or 800-458-1158 Corning Tower, Empire State Plaza Albany, New York 12247
	Emergency Financial Assistance (water, wastewater)	✓		Emergency financial assistance is available to municipalities for wastewater and drinking water system issues that pose hazards to public health, public welfare or the environment. The amount is based on the responsible costs immediately necessary to address the emergency. The financial assistance is to be repaid within one year.	Assistance can be provided within two business days of a determination by the Department of Environmental Conservation (DEC) or Department of Health (DOH). You will have to formally declare an emergency.	<a href="https://www.efc.ny.gov/efc">https://www.efc.ny.gov/efc</a>	Edward Hennessy, P.E. Director, Bureau of Water Compliance Director of Water New York State Department of Environmental Conservation 518-402-6600 edward.hennessy@dec.ny.gov
	Clean Water State Revolving Fund (CWSRF) (wastewater, sewer, stormwater)	✓		The Clean Water State Revolving Fund provides interest free or low interest rate financing for wastewater and sewer infrastructure projects for municipalities throughout New York State. A variety of projects are eligible for financing, including construction or renovation of treatment plants, wastewater treatment facilities, stormwater management, landfill closures, as well as habitat restoration and protection projects.	To be considered for CWSRF financing, applicants must complete a Project Listing Form, a Smart Growth Assessment Form, and a CWSRF Financing Application. Application information can be found at <a href="https://efc.ny.gov/cwsrf">https://efc.ny.gov/cwsrf</a>	<a href="https://efc.ny.gov/cwsrf">https://efc.ny.gov/cwsrf</a>	Dwight Brown Director of Operations & Program Affairs www.ny.gov/cwsrf
	Water Infrastructure Improvement Act (WIIA) (water, wastewater)	✓		EFC is offering \$500 million in grants for repair and replacement projects during the 2022-2024 fiscal year for drinking water infrastructure projects that protect public health and improve water quality. Various types of drinking water infrastructure projects are eligible, including critical water infrastructure projects that consist of existing components (e.g., such as PIDs, PDS and LE devices with system upgrades and innovative pilot technologies, along with those that address combined and/or sanitary sewer overflow impacts from saturated catchments).	CLEAN WATER INFRASTRUCTURE REPAIR AND REPLACEMENT PROJECTS TO BE FINANCED BY STATE GRANTS FOR DRINKING WATER: Limited to \$3 million per project. Deadline for 2022-24 September 30th. Specific requirements and application procedures for each offering of WIIA and WIIA grants are posted on EFC's website when the application period is open.	<a href="https://www.efc.ny.gov/wii">https://www.efc.ny.gov/wii</a>	NY State Department of Environmental Conservation 518-402-6604 625 Broadway Albany, New York 12247

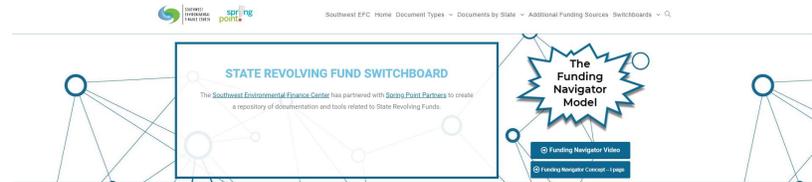
## CW SRF Resources

### EPA's CW SRF Factsheets

- <https://www.epa.gov/cwsrf/clean-water-state-revolving-fund-cwsrf-factsheets>

### EFC's SRF Infohub

- <https://swefcsrfswhboard.unm.edu/srf/>



Southwest EFC Home Document Types Documents by State Additional Funding Sources

(Click on a state to navigate to its resources)



Click on whatever state you want to get the relevant documents

## Iowa Department of Natural Resources / Iowa Finance Authority



The Iowa Department of Natural Resources and the Iowa Finance Authority jointly administer the State Revolving Fund.

Iowa's **Drinking Water State Revolving Fund (DWSRF)** is the best choice to finance the design and construction of drinking water systems to help ensure public health and provide safe drinking water for Iowans.

Iowa's **Clean Water State Revolving Fund (CWSRF)** is the best choice to finance publicly owned wastewater treatment, sewer rehabilitation, replacement, and construction, and storm water quality improvements. Since 1989, the CWSRF has provided more than \$1.4 billion in financing assistance for water pollution control.



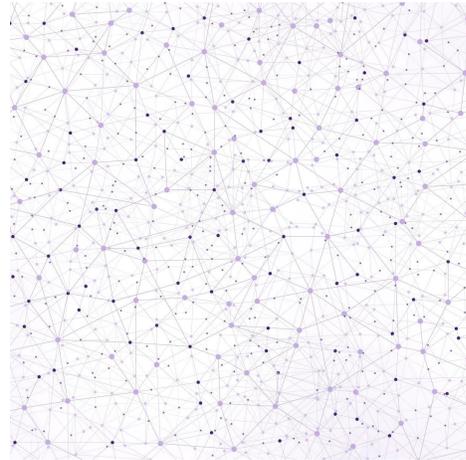
Click on the link of the CWSRF to get to the State's program website

[https://www.epa.gov/sites/default/files/2016-07/documents/overview\\_of\\_cwsrf\\_eligibilities\\_may\\_2016.pdf](https://www.epa.gov/sites/default/files/2016-07/documents/overview_of_cwsrf_eligibilities_may_2016.pdf)

### What Type of Projects Can Be Funded by the CWSRF?

- Construction of publicly owned treatment works
- Nonpoint source projects
- National estuary program projects
- Decentralized wastewater treatment systems (i.e., septic systems and tanks)
- Stormwater projects (gray and green infrastructure)
- Water conservation and efficiency
- Watershed pilot projects
- Energy efficiency projects
- Water reuse projects
- Security measures at POTWs
- Planning
- Technical assistance

**For the CWSRF Emerging Contaminants Funding**  
 These types of projects can be funded if they address emerging contaminants – defined in the memo!



Free assistance is available to help throughout this process

We can answer any questions that arise from the sessions or in between sessions



## Technical Assistance: Remote or In-Person

We can provide assistance on a full array of T, M, & F Topics such as:

Regulatory Compliance	Operator Certification & Education	Asset Management	Effective Utility Management
Workforce Development	Rates and Fiscal Sustainability	Affordability	Operation and Maintenance
Resilience and Planning for an Uncertain Future	Green and Natural Infrastructure	Water Efficiency (I/I)	Access to Funding Sources

Request assistance now or contact us for more information.



**EFCN**

### Technical Assistance Request Form

The EFCN offers no cost assistance to drinking water systems serving 10,000 or fewer people and wastewater systems that treat 1 million gallons per day or less. Examples of assistance we can provide include:

- Conducting a water loss audit
- Assessing options for lowering energy use
- Starting an asset management plan
- Identifying next steps in your asset management process
- Creating an asset inventory
- Mapping your water system
- Rate setting
- Near-term financial & long-term capital planning
- Analyzing your revenues and expenses
- Resilience planning
- Preparing for an operator certification exam
- Helping understand water/wastewater math
- Integrating green infrastructure into your gray asset management plan

To request assistance, please fill out the form below. You will be asked a few questions to help us understand your system and what kind of assistance you need.

Name \*

Title/Position \*

<https://efcnetwork.org/get-help/>

We will take it step by step throughout the year a little bit of information at a time. We are available to answer any questions at the webinars or in between - please reach out!

## CW SRF Series

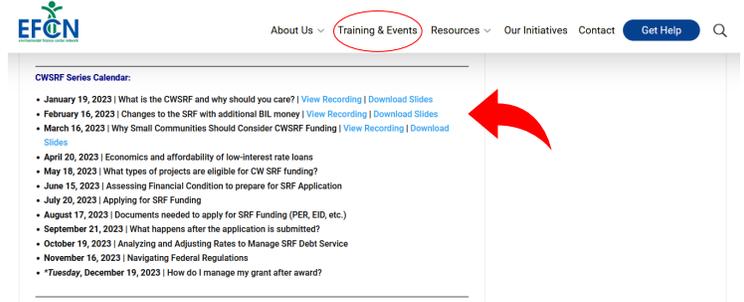
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Today's Webinar  
Recording will be posted.

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You can view recordings of any past workshops in this series:



## Questions



SOUTHWEST  
ENVIRONMENTAL  
FINANCE CENTER



UNC  
ENVIRONMENTAL  
FINANCE CENTER



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