



What is the CW SRF & Why Should I Care?

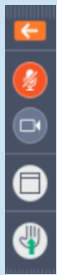
Thursday, January 19, 2023



Logistics

Using the control panel

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Show your control panel

All phones/microphones are muted for the duration of the webinar

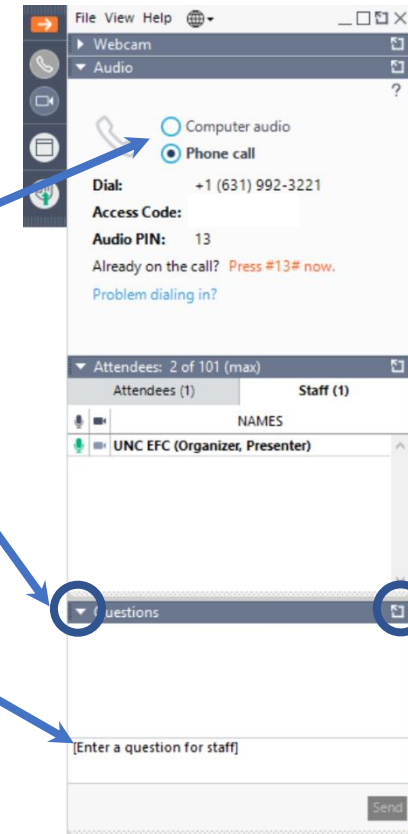
Toggle between full screen/window screen view


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  to open in Control Panel

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



Click  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.





EFCN members and Partners Participating in this Project



SOUTHWEST
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RESEARCH INSTITUTE

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.”

CW SRF Series

- **January 19, 2023** | What is the CWSRF?
- **February 16, 2023** | Changes to the SRF with additional BIL money
- **March 16, 2023** | Economics and affordability of low interest rate loans
- **April 20, 2023** | Why use SRF funds?
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Intended as a series, but we welcome you to any and all trainings you can attend. You can view recordings of any trainings you miss.

You can share with others on your staff if you think they would benefit from attending live or watching the recordings.

Clean Water State Revolving Fund

What it is and why you should care



Poll Questions



What do you think of when you hear SRF?

During our kick-off webinar last month, we asked folks to share their thoughts with us.

technical assistance

complex!

assistance

limited financing

training

resource
funding

Grants

money

confusing

cumbersome

onerous paperwork

complicated but essential!

hoops to jump through

lots of requirements

health

recycle

EPA

loans

We hope by the end of the series,
the words that come to mind
might be a bit more positive!

Why an SRF?

WW infrastructure costs a lot of money



~~Not sustainable!!!~~



Started with Clean Water
Act Amendments of 1987

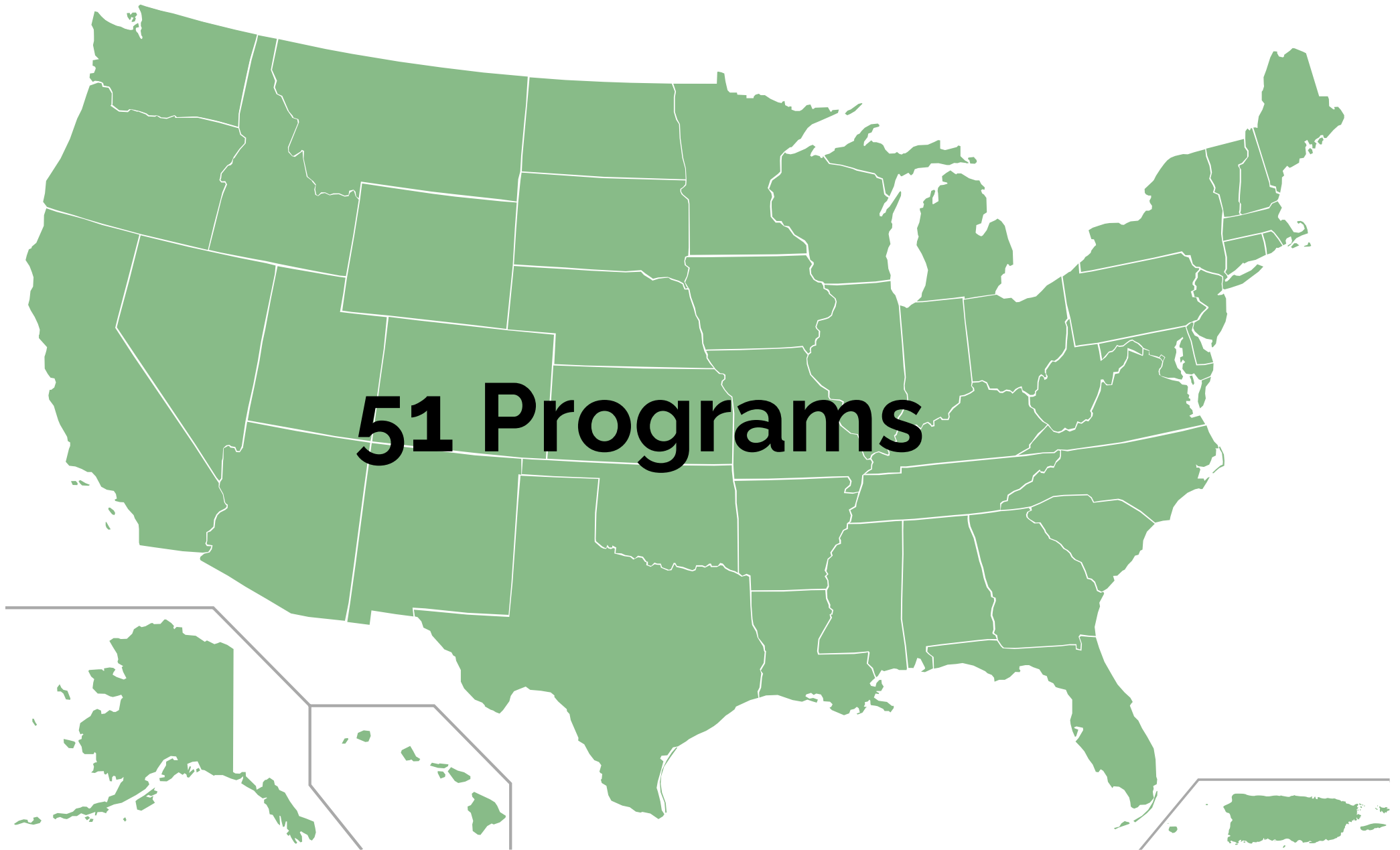
Over the years, various laws have modified the CWSRF

2014
WRDA

2016
WIIN

2018
AWIA

2021
IIJA
AKA BIL



51 Programs

Source: [Wikipedia talk:Images for upload/svg/USA-states-blank-XMLcomments-SVGnameIDs-CSSfillCLASSES.svg](https://en.wikipedia.org/wiki/Wikipedia_talk:Images_for_upload/svg/USA-states-blank-XMLcomments-SVGnameIDs-CSSfillCLASSES.svg)

CWSRF By the Numbers

\$153.6

Billion in Funding

44,555

**Loan agreements
through 2021**

Small Communities & the CWSRF By the Numbers

\$34.8

Billion in Funding

30,100

**Loan agreements
through 2021**

EPA's website states:

The Clean Water State Revolving Fund (CWSRF) program is a **federal-state partnership** that provides communities **low-cost financing** for a wide range of **water quality infrastructure projects**.

Let's explore these three components....

EPA's website states:

The Clean Water State
Revolving Fund (CWSRF)

program is a **federal-
state partnership**

that provides communities **low-
cost financing** for a wide range
of **water quality infrastructure
projects.**

Let's explore
these three
components....

EPA provides

Grants to

All 50 states

Puerto Rico

Direct Grant Funding to

District of Columbia

U.S. Virgin Islands

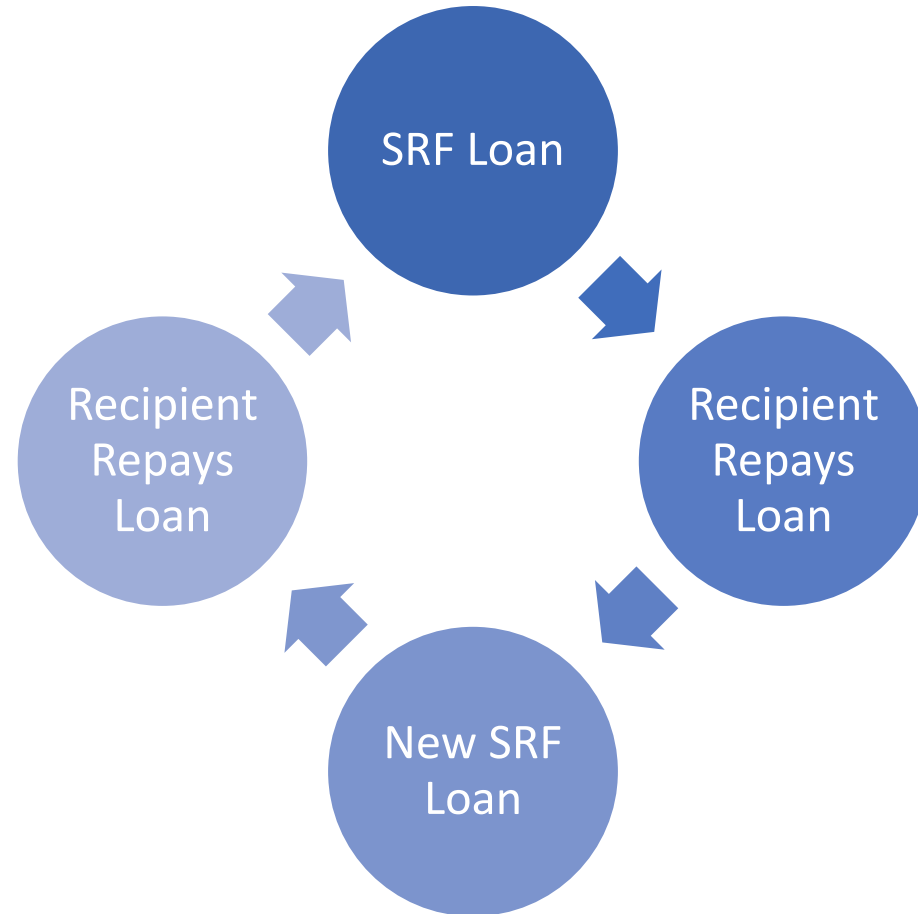
American Samoa

Guam

Commonwealth of Northern Marianas.

The states contribute an additional percentage to match the federal grants (generally 20%)

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



Money grows in the fund over time

Not as fast as it could, due to subsidized interest rate

The F word.....

No, not that one,

FLEXIBILITY

Within broad guidelines, States have LOTS of flexibility

States may provide various types of assistance, including

Loans

Refinancing

Purchasing

Guaranteeing
local debt &
purchasing
bond insurance

States may set specific loan terms,
including

Interest Rates
from 0 to
market rate

Payment
periods up to
30 years

States have LOTS of flexibility to...

target financial resources to their specific community and environmental needs

customize loan terms to meet the needs of small and disadvantaged communities, or to provide incentives for certain types of projects

provide further financial assistance through additional subsidization, such as:
grants,
principal forgiveness,
and negative interest rate loans

target critical green infrastructure, water and energy efficiency improvements, and other environmentally innovative activities through the Green Project Reserve

Let's explore
these three
components....

EPA's website states:

The Clean Water State
Revolving Fund (CWSRF)
program is a **federal-state
partnership** that provides
communities **low-cost
financing** for a wide range
of **water quality infrastructure
projects**.

1%



Below market rate interest
saves LOTS of money over
time

Additional Subsidy possible

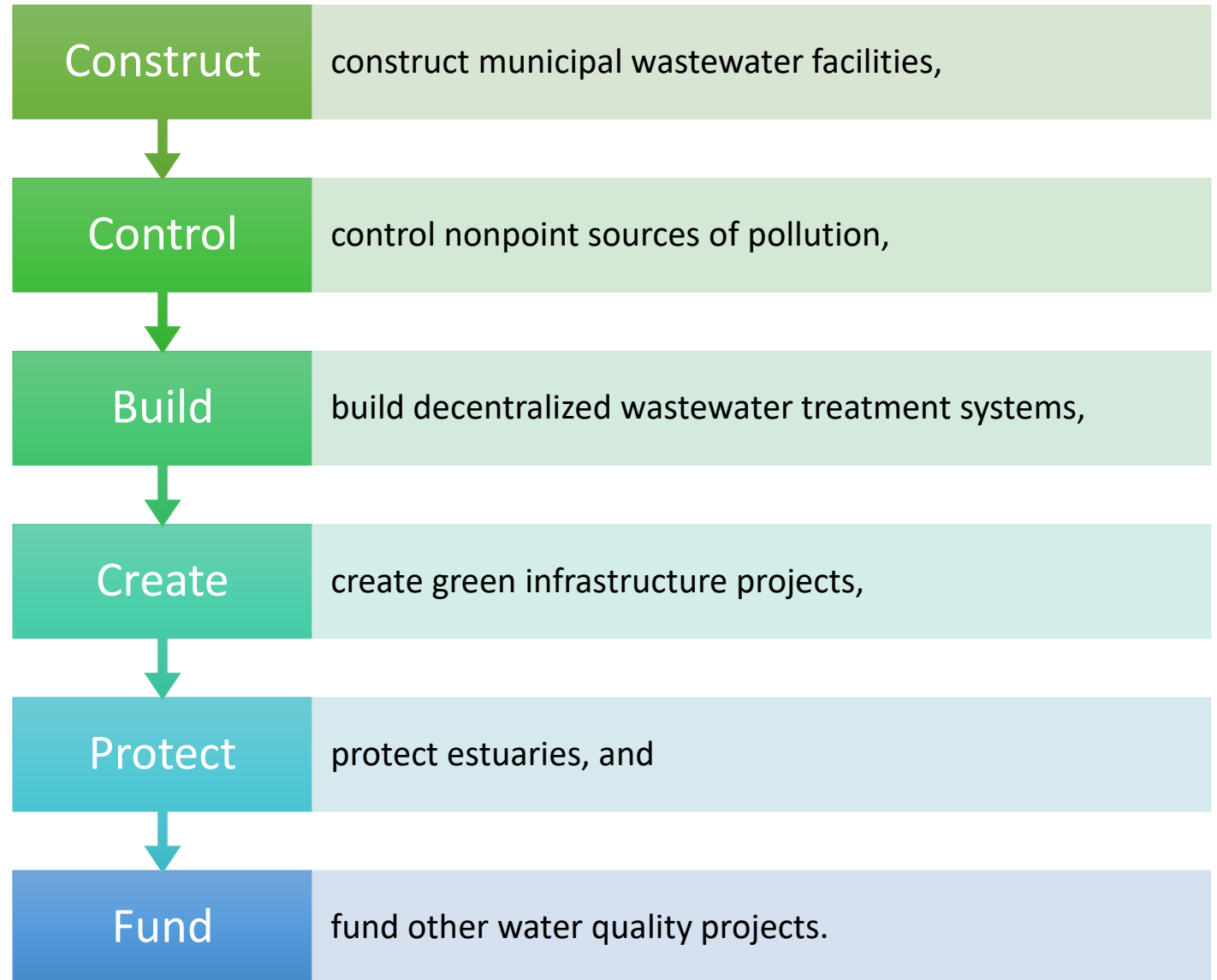
(Works like a grant)

Let's explore
these three
components....

EPA's website states:

The Clean Water State Revolving Fund (CWSRF) program is a **federal-state partnership** that provides communities **low-cost financing** for a wide range of **water quality infrastructure projects**.

Using a combination of federal and state funds, state CWSRF programs provide loans to eligible recipients to:



THE CLEAN WATER STATE REVOLVING FUND

Low-Cost Infrastructure Financing Since 1987

Who is eligible?

(Eligibility varies by state and project type.)



Communities

Private
Entities

Nonprofits

Citizen
Groups

Return on investment



For every **\$1** from
federal government  **\$3** has gone
to help communities.

www.epa.gov/cwsrf



How does the CW SRF
Work?

Types of Assistance

Types of CWSRF Assistance

Loans

**Purchase of
Debt or
Refinance**

**Guarantees
and
Insurance**

**Guarantee
SRF Revenue
Debt**

**Provide Loan
Guarantees**

**Additional
Subsidization**

Earn Interest

Types of CWSRF Assistance

Loans

Terms of loan may not exceed 30 years or useful life of the project.

Interest rates must be at or below market rate, including interest-free.

Purchase of Debt or Refinance

A community's debt may be purchased by a CWSRF program.

The purchase may have terms up to 30 years, or the useful life of the project.

A CWSRF program may refinance previously issued debt.

Types of CWSRF Assistance

Guarantees and Insurance

Guarantees or insurance can be used where such assistance will result in improved credit market access or reduced interest rates.

Guarantee SRF Revenue Debt

CWSRF programs may issue debt guaranteed by CWSRF funds. The revenue generated provides assistance to borrowers for eligible projects. Expands the capacity of a program in the near-term.

Types of CWSRF Assistance

Provide Loan Guarantees

Similar revolving funds established by municipalities or inter-municipal agencies can receive loan guarantees.

Additional Subsidization

may provide up to a fixed percentage of their cap grants as additional subsidization may only be used to help address affordability issues or to implement a process, material, technique, or technology that addresses water or energy efficiency goals; mitigates stormwater runoff; or encourages sustainable project planning, design, and construction.

Disbursement Process

Borrower
Incurs Cost



Borrower
sends
reimburse-
ment
request to
SRF



SRF
reimburses
borrower



Borrower
repays SRF

State Contact Information

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

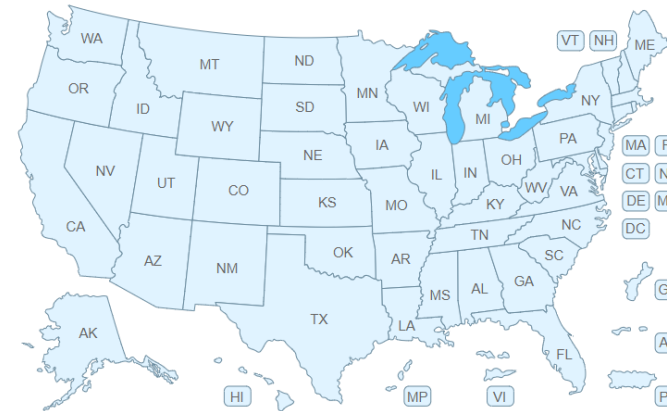
<https://efcnetwork.org/resources/funding-tables/>



About Us ▾ Training & Events Resources ▾ Our Initiatives Contact [Get Help](#) 🔍

Funding Sources By State Or Territory

We work with state and federal agencies to make sure that current funding opportunities are consolidated in one place. Click the map below to find water and wastewater infrastructure funding sources for your state or territory.



New York Water and Wastewater Funding Sources

Compiled by the Environmental Finance Center Network, July 2022

Organization	Program (key words)	Gov. Entity	Non- Profit	For- Profit	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 financings to accommodate communities of all population sizes 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 need to be listed on the Annual List of the DWSRF Intended Use Plan. This is done by completing a Project Listing Form and submitting it along with a Smart Growth Assessment Form and Engineer's report. Projects are typically listed each October 1st with the release of the Intended Use Plan. Once listed, applicants can submit a DWSRF Financing Application. Listing and application information can be found here: https://efc.ny.gov/dwsrf-apply	www.efc.ny.gov/dwsrf	Chief, Design Section Bureau of Water Supply Protection NYS Department of Health bpwsp@health.ny.gov 518-402-7650 or 1-800-458-1158 Corning Tower, Empire State Plaza Albany, New York 12237
	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 reasonable 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). Your will have to formally declare an emergency and submit an application.	https://www.efc.ny.gov/emergency	Edward Hampston, P.E. Director, Bureau of Water Compliance Division of Water New York State Department of Environmental Conservation 518-402-9660 edward_hampston@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 to municipalities throughout New York State. A variety of projects are eligible for financing, including construction or restoration of sewers and wastewater treatment facilities, stormwater management, landfill closures, as well as habitat restoration and protection projects.	To be considered for CWSRF financing, applicants will need to complete a Project Listing Form, a Smart Growth Assessment Form, and a CWSRF Financing Application. Application information can be found at https://efc.ny.gov/cwsrf-apply	www.efc.ny.gov/cwsrf	Dwight Brown Division of Operations & Program Mgmt
	Water Infrastructure Improvement Act (WIIA) (water, wastewater)	✓			EFC is offering \$400 million in grants for clean and drinking water projects during the 2021-2022 state fiscal year to municipalities with infrastructure projects that protect public health and/or improve water quality. Various types of clean and drinking water infrastructure projects are eligible, including critical water infrastructure projects that combat emerging contaminants (EC), such as PFOA, PFOS and 1,4 dioxane with system upgrades and innovative pilot technologies, along with those that address combined and/or sanitary sewer overflow impacts from sustained rain events.	Clean Water: Limited to \$5 million per year per municipality. Drinking Water: Limited to \$3 million per year. Deadline for 2022 is September 9th. Specific requirements and application procedures for each offering of WIIA and IMG grants are posted on EFC's website when the application period is open.	https://www.efc.ny.gov/WIIA	NYSWaterGrants@efc.ny.gov 518-402-6924 625 Broadway Albany, New York 12207

Other CW SRF Resources

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://swefcsrfswitchboard.unm.edu/srf/>



Southwest EFC Home Document Types ▾ Documents by State ▾ Additional Funding Sources Switchboards ▾ 🔍

STATE REVOLVING FUND SWITCHBOARD

The [Southwest Environmental Finance Center](#) has partnered with [Spring Point Partners](#) to create a repository of documentation and tools related to State Revolving Funds.

The
Funding
Navigator
Model

🔍 Funding Navigator Video

🔍 Funding Navigator Concept – 1 page

(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.

Iowa State Revolving Fund Resources

DESCRIPTION	TYPE	DATE	DOWNLOAD
Drinking Water State Revolving Fund - Legislation		2018	
Drinking Water State Revolving Fund - Intended Use Plan		2022	
Drinking Water State Revolving Fund - Project Priority List		2020	
Drinking Water State Revolving Fund - Annual Report		2020	
Drinking Water State Revolving Fund - Loan Ranking Criteria		2020	
Clean Water State Revolving Fund - Legislation		2008	
Clean Water State Revolving Fund - Intended Use Plan		2022	
Clean Water State Revolving Fund - Project Priority List		2020	
Clean Water State Revolving Fund - Annual Report		2020	
Clean Water State Revolving Fund - Loan Ranking Criteria		2020	

Iowa Department of Natural Resources / Iowa Finance Authority



IOWA FINANCE
AUTHORITY

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



What can I use CWSRF funds for?

Stay tuned for an in-depth
workshop on this topic on May 18

Generally,
Construction:
New &
Rehabilitated
Assets



Non-point source projects



https://www.epa.gov/sites/default/files/2016-07/documents/overview_of_cwsrf_eligibilities_may_2016.pdf

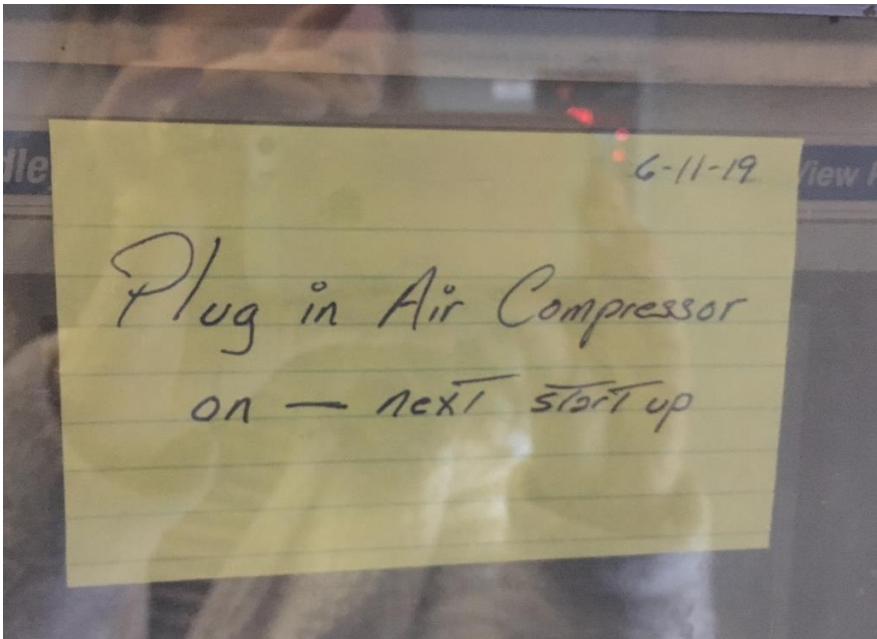
What Type of Projects Can Be Funded by the CWSRF?

- 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!

What doesn't
the SRF
fund?



Operations & Maintenance

Why should I
care about
the SRF?



Poll Question

WW Infrastructure is EXPENSIVE!!

Examples

Equipment	Ballpark Estimates
0.4 MGD Plant	\$4 million and up
Headworks	\$0.5 million and up
Plant Entrance Lift Station	\$0.2 million and up
Building/electrical/plumbing	\$0.3 million and up
Sludge Dewatering	\$0.8 million and up
6 inch force main	\$200 per foot / \$1.1 million per mile
8 inch sewers and manholes	\$300 per foot / \$1.5 million per mile

Lots of money.

With the new Bipartisan Infrastructure Law,
an additional \$12.7 Billion over 5 Years

Clean Water Funding from BIL	Dollar Amount
“General” Clean Water SRF Funds	\$11.7 Billion
Addressing emerging contaminants	\$1 Billion



Focus: Helping small, disadvantaged, underserved communities seek this funding

Some will be in the form of principal forgiveness (like a grant)

When you need to replace/upgrade where is the money coming from?

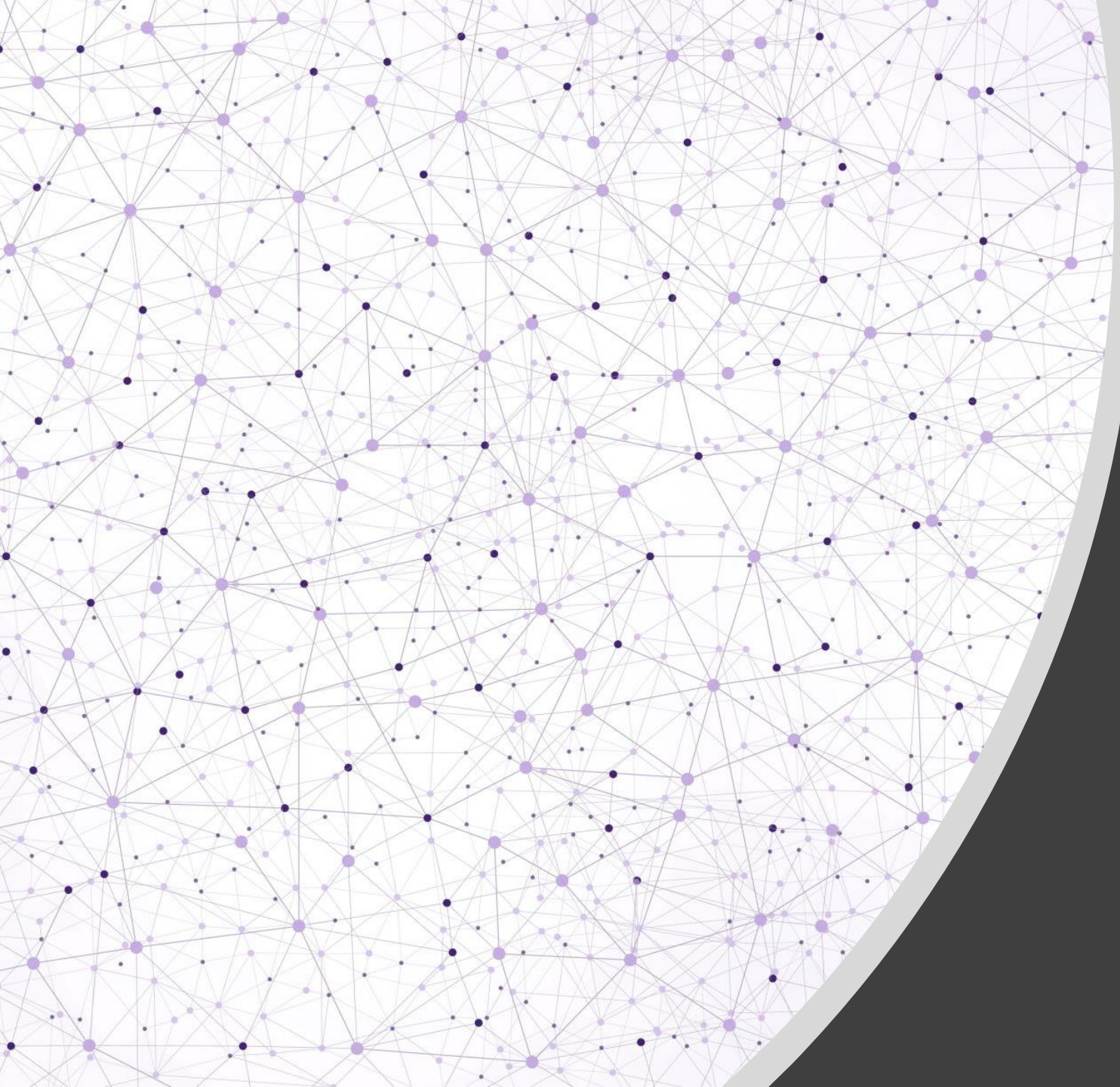
Would your rates cover the cost of new pipe?

Would your rates cover the cost of a new treatment facility?

Have you been incrementally funding or do you have major needs?

Are you having any regulatory issues?

If you have to do a major project, the SRF is for you.



Free assistance is available to help throughout this process

We will be able to 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

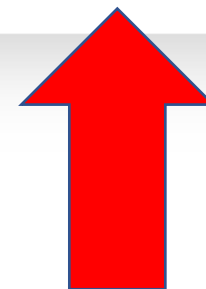
Resilience and Planning for an Uncertain Future

Green and Natural Infrastructure

Water Efficiency (I/I)

Access to Funding Sources

Request assistance now or contact us for more information.



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
- Resiliency planning
- Preparing for an operator certification exam
- Helping understand water/wastewater math
- Integrating green infrastructure into your gray asset management plant

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/>



Poll Question

Hopefully some other words come to mind about the SRF other than what we saw at the beginning



CW SRF Series

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

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Questions



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