

**EPA Funding for Water Infrastructure
(SRFs, WIFIA, WIIN, OSG, Community Grants, and yes BIL)**

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United States
Environmental Protection
Agency

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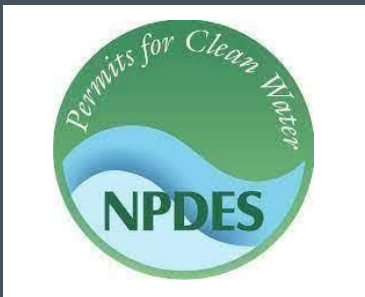
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Understanding how EPA DEVELOPS NEW DRINKING WATER REGULATIONS

EPA works to ensure that drinking water is safe by developing National Primary Drinking Water Regulations, enforceable for new contaminants under the Safe Drinking Water Act. Below demonstrate the steps EPA takes when developing new drinking water regulations.

STEP 01 IDENTIFICATION

- IDENTIFY** Investigate contaminants
- PUBLISH** List of contaminants, enforcement of a Contaminant Candidate List (CCL)
- PRELIMINARY** Preliminary screening, identify data and conduct preliminary risk assessment



EPA'S FUNDING PROGRAMS FOR WATER INFRASTRUCTURE



STATE REVOLVING FUND



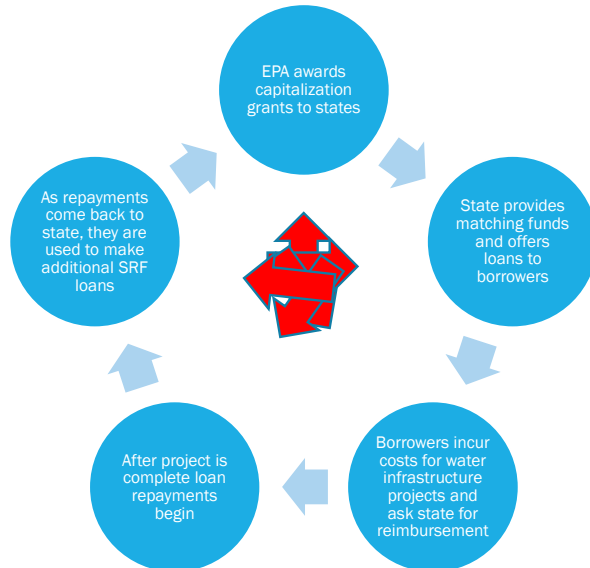
- **4% Admin**
- **2% SSTA**
- **~94% Loans**

CWA



- **4% Admin**
- **2% SSTA**
- **10% SPM**
- **15% Local Assistance**
- **~69% Loans**

SDWA



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WIFIA (WATER INFRASTRUCTURE FINANCE AND INNOVATION ACT)

- EPA makes WIFIA funding available and invites Letters of Interest on a rolling basis
- Same general eligibilities as the SRF
- Credit subsidy offered by WIFIA guarantees a loan at the **AAA** Treasury rate (even if borrower has a lower (or no) credit rating) – **11/18/22 = 3.89%**
- Max loan term is **35 years** from substantial completion, and repayment can be deferred up to **5 years** after substantial completion (i.e., total of 40 years)
- WIFIA funding can be up to **49%** of the project cost, and total Federal funding can be up to **80%** of the project cost
- Minimum project size for large communities is **\$20m**, and for small communities (25,000 or less) is **\$5m**
- More info: <https://www.epa.gov/wifia>

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epa.gov/sites/default/files/2020-09/documents/tacoma_wifiaprojectfactsheet_loanclose.pdf


WIFIA Tacoma project factsheet-loan close

WIFIA PROGRAM

The Water Infrastructure Finance and Innovation Act (WIFIA) program accelerates investment in our nation's water infrastructure by providing long-term, low-cost supplemental loans for regionally and nationally significant projects.

ELECTRICAL DISTRIBUTION SYSTEM REPLACEMENT PROJECT

BORROWER: City of Tacoma Sewer Utility
LOCATION: Tacoma, WA
WIFIA LOAN AMOUNT: \$20 million
TOTAL WIFIA PROJECT COSTS: \$40.8 million



Central Wastewater Treatment Plant

48°F Sunny 2:42 PM 11/18/2022

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epa.gov/wifia/king-county-georgetown-wet-weather-treatment-station

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Water Infrastructure Finance and Innovation Act (WIFIA) [CONTACT US](#)

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King County Georgetown Wet Weather Treatment Station

Borrower: King County
Location: King County, Washington
WIFIA Loan Amount: \$134.5 million
Total WIFIA Project Costs: \$275 million
Population Served by Project: 175,000 people
Number of Jobs Created: 1,400 jobs



Project Description

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epa.gov/system/files/documents/2021-11/city-of-bellingham.pdf

city-of-bellingham.pdf 1 / 1 100%



WIFIA
PROGRAM

The Water Infrastructure Finance and Innovation Act (WIFIA) program accelerates investment in our nation's water infrastructure by providing long-term, low-cost supplemental loans for regionally and nationally significant projects.

CITY OF BELLINGHAM

PROJECT NAME: Post Point Resource Recovery Plant Biosolids Project

LOCATION: Bellingham, WA

INVITED WIFIA LOAN AMOUNT: \$136 million

POPULATION SERVED BY PROJECT: 146,000

PROJECT DESCRIPTION:


The Post Point Resource Recovery Plant Biosolids project will repair and replace the aging wastewater solids treatment infrastructure and the emergency power system. The project will provide the capacity and reliability needed to comply with solids management regulatory requirements and meet projected demands through 2035. It will also recover valuable resources that can be reused and provide for reliable wastewater treatment operations during power outages.

FY 2021 SELECTION ROUND

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epa.gov/wifia/seattle-ship-canal-water-quality-project

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Seattle Ship Canal Water Quality Project

Borrower: Seattle Public Utilities


Location: Seattle, Washington

WIFIA Loan Amount: \$192.2 million

Total Eligible Construction Costs: \$561.2 million

Population Served by Project: 175,000

Number of Jobs Created: 1,276 jobs



Project Description

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WIIN (WATER INFRASTRUCTURE IMPROVEMENTS FOR THE NATION) GRANTS

WIIN 2104 SUDC

WIIN 2107 Lead Testing in
Schools and Childcare Facilities

WIIN 2105 Reducing Lead in
DW

EC-SDC

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WIIN 2104 SUDC

- Annual grant funding for States and Tribes
- Must be a **Small** (serving a population < 10,000), **Underserved** (DW compliance violation within last 5 years), **Disadvantaged** (per each state's DAC criteria) **Community**
- For drinking water infrastructure projects and/or technical assistance to comply with SDWA
- Administered by Washington DOH
- FY21 funding amount for Washington was **\$758,000**
- More info: <https://www.epa.gov/dwcapacity/wiin-grant-small-underserved-and-disadvantaged-communities-grant-program-0>

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WIIN 2104 SUDC PROJECTS IN WASHINGTON (FY18/19)

- Lewis County Water District 2 and Evergreen Apartments Water Systems – Consolidation
- Duck Lake Water Association and Johnson Creek Water Systems – Consolidation
- Yakima County and Treneer Water Systems -- Consolidation

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WIIN 2107 LEAD TESTING AND REDUCTION IN SCHOOLS AND CHILDCARE FACILITIES

- Annual grant funding for States and Tribes
- Three rounds of funding offered to date.
- Uses EPA's *3Ts for Reducing Lead in Drinking Water* guidance to implement lead testing programs and develop monitoring, maintenance and/or sampling plans that protect children from lead exposure.
- **BIL modified program to allow compliance monitoring and reduction/remediation in addition to testing.**
- Administered by Washington DOH
- Most recent WIIN 2107 grant to Washington = **\$723,000**
- More info: <https://www.epa.gov/dwcapacity/wiin-grant-voluntary-school-and-child-care-lead-testing-and-reduction-grant-program>

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EPA

WIIN 2105 REDUCING LEAD IN DW

- EPA HQ makes funding available annually and uses a competitive RFA process.
- \$20m available nationally for FY22
- Funding is for projects or activities to replace lead service lines, implement treatment improvement projects, and remove potential sources of lead in schools and childcare facilities across the United States.
- Administered by EPA HQ.
- More info: <https://www.epa.gov/dwcapacity/wiin-grant-reducing-lead-drinking-water>

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EC-SDC (EMERGING CONTAMINANTS IN SMALL AND DISADVANTAGED COMMUNITIES)

- EPA will make funding available annually and invite Letters of Intent
- States can then apply for their share of the national EC-SDC allotment
- Funding is for projects and/or technical assistance to help small and disadvantaged communities address emerging contaminants, like PFAS.
- \$1B per year for 5 years.
- 100% grant, no match.
- Administered by Washington DOH.
- More info: <https://www.epa.gov/dwcapacity/emerging-contaminants-ec-small-or-disadvantaged-communities-grant-sdc>



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SEWER OVERFLOW AND STORMWATER REUSE MUNICIPAL GRANTS (OSG) PROGRAM

- Annual grant funding for States and Tribes
- One round of funding offered to date.
- Funding is for critical stormwater infrastructure projects in communities including combined sewer overflows (CSO) and sanitary sewer overflows (SSO).
- States are required to prioritize funding projects for communities that are financially distressed, have a long-term municipal CSO or SSO control plan, or for projects that have requested funding on their Clean Water State Revolving Fund (CWSRF) Intended Use Plan.
- FY21 OSG funds for Washington = **\$1,241,000**
- More info: <https://www.epa.gov/cwsrf/sewer-overflow-and-stormwater-reuse-municipal-grants-program>



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COMMUNITY GRANTS, AKA CONGRESSIONALLY DIRECTED SPENDING OR COMMUNITY PROJECT FUNDING, OR EARMARKS

- Earmarks program was mothballed in 2011 – now back in 2022
- Annual grant funding for specific water infrastructure projects
- Generally same eligibilities as SRF
- 20% match
- Administered by EPA, but request funding via member of Congress
- FY22 Community Grant funding for projects in Washington = **\$32m for 17 projects**
- More info: <https://www.epa.gov/sustainable-water-infrastructure/epa-community-grants>



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FY22 COMMUNITY GRANTS-WASHINGTON


City of Ellensburg for Renewable Natural Gas Conversion and Methane Gas Recovery at the Wastewater Treatment Facility	\$840,000
City of North Bend for Snoqualmie Valley Trail Channel Widening and Wetland Creation/Enhancement	\$225,000
The City of College Place for a wastewater treatment project.	\$3,500,000
The Stevens Public Utility District #1 for a septage reuse project.	\$1,680,000
City of Stevenson for Wastewater Treatment Plant Upgrades	\$2,500,000
City of Sultan for Wastewater Plant Upgrade	\$2,000,000
Clark Regional Wastewater District for Curtain Creek Septic Elimination Program	\$800,000
Port Hadlock for Wastewater Facility	\$2,500,000
Town of Malden for a sewer system project	\$3,500,000
MacKaye Harbor Water District for Agate Beach Lane Source Water and Transmission Improvements	\$694,480
Port of Coupeville for Wharf Rehabilitation Project	\$136,000
Quileute Nation for Quileute Move to Higher Ground Water System Improvement	\$1,479,355
Sammamish Plateau Water and Sewer District for Sammamish Plateau Water PFAS Treatment Plant upgrades	\$1,585,000
The City of Airway Heights for a water replacement project.	\$3,500,000
The Town of Cusick for a water treatment facility project.	\$3,500,000
Lakewood Water District for PFAS Remediation	\$1,950,000
Town of Harrah for Drinking Water Well Project	\$2,000,000

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 EPA

BIL SRF PRIORITIES

- Provide subsidy to Disadvantaged/EJ communities (and adjust Disadvantaged Assistance/Affordability criteria as necessary)
- Protect human health and the environment by treating/removing Emerging Contaminants
- Protect human health by replacing Lead Service Lines
- Make water infrastructure systems more resilient
- Support American water sector workforce, and cultivate domestic manufacturing
- Provide historic levels of funding to address the gap between water infrastructure needs and available funds

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BIL SRF FUNDING ELIGIBILITIES & REQUIRED SUBSIDY

BIL Funding Pots	Eligibilities	FY 2022 Amount Available - Washington	% Req. Subsidy
CWSRF Supplemental	Same eligibility as CWSRF Base Program	\$30,951,000	49%
CWSRF Emerging Contaminants	Planning, design and construction of projects to address PFAS, pharmaceuticals, microplastics, nanomaterials, HABs*	\$1,626,000	100%

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BIL SRF FUNDING ELIGIBILITIES & REQUIRED SUBSIDY

BIL Funding Pots	Eligibilities	FY 2022 Amount Available - Washington	% Req. Subsidy
DWSRF Supplemental	Same eligibility as DWSRF Base Program	\$40,196,000	49%
DWSRF Emerging Contaminants	Planning, design and construction of projects (as well as technical assistance from the DWSRF Set-Asides) to address PFAS, or any contaminant on the Contaminant Candidate Lists.	\$16,878,000	100%
DWSRF Lead Service Lines	Planning, design and construction of LSL replacement projects, LSL inventories, technical assistance, etc.	\$63,336,000	49%

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Thank You

United States Environmental Protection Agency

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