



State Revolving Fund (SRF) and Bipartisan Infrastructure Law (BIL)

Listening Session 2: Implementation

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As of March 17, 2022



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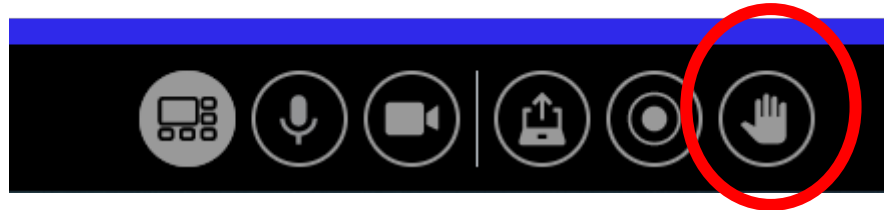


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**CONSERVATION &
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Agenda

- **NDEP Requirements to receive funding**
- **Base programs**
- **DWSRF Emerging Contaminants**
- **CWSRF Emerging Contaminants**
- **DWSRF Lead Service Lines**
- **Next steps**
- **Questions?**

Nevada Requirements to receive Funding

- **Must** have enough overall projects to demonstrate need
 - The grants are **not** automatically given to Nevada.
 - Demonstrated through the Priority List
 - Not all projects on the priority list are ready to proceed for NEW money
 - Cost estimates from an engineer—based on a practical assessment
- **Must** have enough projects that meet special requirements
 - Disadvantaged / meets affordability
 - Green Project Reserve
 - Small Systems
- Application timelines
 - Must apply within two years or funds will be swept
 - Must commit loans within one year of receiving funds
 - Must attempt to spend funds within two years of commitment

Drinking Water Capitalization Grant
(\$10,000,000)

Small Systems <10,000 population
(15%) or \$1,500,000

Loans to Water Systems
(74% or \$7,400,000)

Additional Subsidy
(26% or \$2,600,000)

Clean Water Capitalization Grant
(\$10,000,000)

Green Project Reserve
(10% or 1,000,000)

Loans to Water Systems
(60% to 80%) \$6,000,000 to \$8,000,000

Additional Subsidy
(20% to 40%) \$2,000,000 to \$4,000,000

Congress and EPA Goals

- Expand disadvantaged community assistance
- Address emerging contaminants
- Get lead out of the drinking water systems
- Increase resiliency to all threats (natural or manmade)
- Ensure projects are following Civil Rights requirements
- Increase a pipeline of projects within states
- Improve the flow of funds to projects

OFA Goals

- All the Congressional and EPA goals
- Ensure Nevada receives its fair share of federal funding
 - Keep the grants flowing to Nevada
- Expand the definitions of disadvantaged community and system affordability
- Improve outreach, training, and resources for project performance, initiation, and closeout
- Streamline the application process for funding
- Ensure technical, managerial and financial capacity for water and wastewater systems
- Ensure as many systems receive funding as possible

National Program Requirements

- National Environmental Policy Act (NEPA)
- Historic Preservation Act (SHPO)
- Davis-Bacon Wage Act
- American Iron and Steel AND Build America, Buy America (BABA)
- Disadvantaged Business Enterprise
- Procurement Requirements
- Cost-benefit analysis and value engineering
- Signage
- Civil Rights
- Other federal crosscutters (other federal rules)

Disadvantaged / Affordability

EPA expects states to review, refine, and improve their definition.

- EPA accepts including a large community as disadvantaged as long as the project being funded is addressing a sub-set of the service area that meets affordability criteria.
- Affordability—not size of community
 - Income statistics, unemployment data, population *trends*, operational cost exceeding 2% of household income, central systems failing



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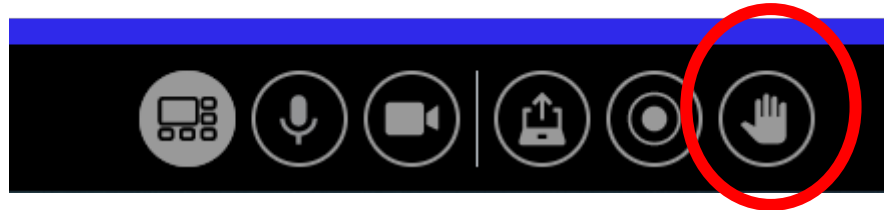


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State Revolving Loan Fund

Drinking Water (DWSRF)

- Public Water Systems
 - Publicly owned
 - Privately owned
- Non-profit
 - (tax exempt) noncommunity water systems
- Native American Tribes

Clean Water (CWSRF)

- Public Municipalities
 - jurisdiction over disposal of sewage, industrial wastes or other wastes
- Interstate agencies
- Native American Tribes

If your entity is not on this list, you may still be able to receive help.

State Revolving Loan Fund

Drinking Water (DWSRF)

- Drinking Water Treatment
- Transmission
- Distribution
 - Purple pipe distribution included
 - Lead service line replacement
- Storage
- Source
 - Closing abandoned wells
 - Alternative supply
 - Riverbank filtration
- Security
- Meters
- Backup power / redundancy
- Consolidation
- Refinancing expensive debt
- Planning and design

Clean Water (CWSRF)

- Wastewater Treatment
- Storm water management
- Habitat Restoration & Protection
- Re-forestation
- Landfills
- Agriculture Management
- Groundwater protection
- Surface Water protection
- Storm Water Management
- Conservation (energy / water)
- Consolidation
- Refinancing expensive debt
- Planning and design

State Revolving Loan Fund Base Programs

Federal Fiscal Year 2022 Appropriation
Values are estimates subject to change

Drinking Water (DWSRF)

- **\$1,126,088,000—Same as FFY21**
 - Less \$397,766,044—Earmarks
 - **35% reduction** from FFY21
- **Additional Subsidy of 26%**
 - 12% to systems defined as disadvantaged
 - 14% to eligible systems as identified by the state
- **Nevada's Estimated total grant**
 - \$8,288,800 to \$12,752,000

Clean Water (CWSRF)

- **\$1,638,826,000—Same as FFY21**
 - Less \$443,639,051 —Earmarks
 - **27% reduction** from FFY21
- **Additional Subsidy of 20%**
 - 10% to systems that meet the state affordability criteria
 - 10% to eligible systems as identified by the state
- **Nevada's Estimated total grant**
 - \$5,678,670 to \$7,779,000

State Revolving Loan Fund BIL Supplemental Funding

For Base Program Activities

Drinking Water (DWSRF)

- **Nevada FFY 2022**
 - \$20,857,000
- **Additional Subsidy of 49%--**
must be distributed to a
disadvantaged community
 - \$10,219,930
- **Loans:** \$10,637,070
- **Small Systems:** \$3,128,550

Clean Water (CWSRF)

- **Nevada FFY 2022**
 - \$8,738,000
- **Additional Subsidy of 49%--**
must be distributed to an
entity meeting affordability
criteria
 - \$4,281,620
- **Loans:** \$4,456,380
- **Green Projects:** \$873,800

State Revolving Loan Fund

Normal Program Funding in Year 1

For Base Program Activities

Drinking Water (DWSRF)

Nevada

\$29,145,800 in grants

\$87,507,912 in funds

\$116,653,712 Total funds

- Interest rates below municipal AA market rates (1.53% as of March 4,2022)
- Up to 20-year terms

As of March 11, 2022 (estimates only)

Additional Subsidy

- **Disadvantaged Communities**
 - Up to \$11,214,586
 - MHI < 80% of state MHI
- **Eligible Recipients**
 - \$1,160,432
 - PER's and loan incentives

Technical Assistance

- Up to \$4,954,786
- Operator training, manuals, system mapping, rate setting, project preparation

State Revolving Loan Fund Normal Program Funding in Year 1

For Base Program Activities

Clean Water (CWSRF)

As of March 11, 2022 (estimates only)

Nevada

\$14,416,670 in grants

\$79,078,285 in funds

\$93,494,955 Total funds

- Already in discussion for \$80 million loan
- Interest rates below municipal AA market rates (1.53% as of March 4, 2022)
- Up to 20-year terms but some funds available at 30-year terms

Additional Subsidy

- **Affordability Criteria**
 - Up to \$4,849,487
 - In the Intended Use Plan
- **Eligible Recipients**
 - \$567,867
 - PER's and loan incentives

Technical Assistance

- Up to \$288,333
- Operator training, manuals, system mapping, rate setting, project preparation



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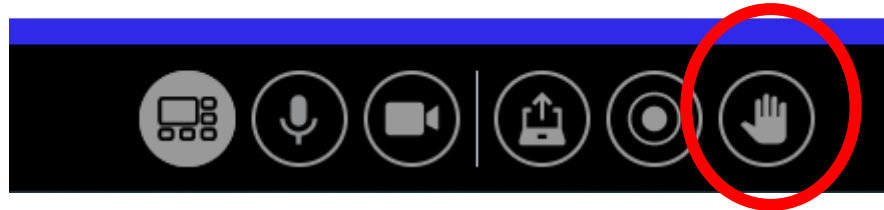


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10-minute break

DWSRF Emerging Contaminants

- **Projects eligible for Funding**

- Must be an eligible DWSRF Project
- Primary Purpose to address an emerging contaminant in drinking water
- Primary focus on PFAS contaminants
 - Polyfluoroalkyl
 - Perfluoroalkyl
- Projects that address any contaminant listed on any of EPA's Contaminant Candidate Lists (CCL) 1-5.
 - Pesticides
 - Disinfection byproducts
 - Pharmaceuticals
 - Biological toxins
 - Waterborne pathogens
 - Other microbial
 - Other Chemical

- **Technical Assistance Projects**

- Assistance in applying for funding, diagnose problems, training, pilot testing, monitoring

Federal Year	Nevada amount
2022	\$8,758,000
2023	\$8,758,000
2024	\$8,758,000
2025	\$8,758,000
2026	\$8,758,000

100% of these funds are available as principal forgiveness

25% must go to a disadvantaged community or a system that serves less than 25,000 residents

CWSRF Emerging Contaminants

- **Projects eligible for Funding**

- Must be an eligible CWSRF Project
- Primary Purpose to address an emerging contaminants
- Primary focus on PFAS contaminants
 - Polyfluoroalkyl
 - Perfluoroalkyl
- Other Projects addressing:
 - Persistent organic pollutants (POPs)
 - Pesticides
 - Disinfection byproducts
 - Pharmaceuticals
 - Biological toxins
 - Endocrine-disrupting chemicals
 - Other microbial
 - Other Chemical

- **Technical Assistance Projects**

- Assistance in applying for funding, diagnose problems, training, pilot testing, monitoring

Federal Year	Nevada amount
2022	\$459,000
2023	\$1,032,750
2024	\$1,032,750
2025	\$1,032,750
2026	\$1,032,750

100% of these funds are available as principal forgiveness

Identify these projects on the pre-application

In the Nevada Infrastructure Financial System (NIFS) Pre-application, Page 1:

Required Need For A Project 

Emerging Contaminant Project: 50% of this project will address pharmaceuticals in the water. 50% of this project is to address groundwater nitrates. Support for the cost splits and need for pharmaceutical treatment is attached to this pre-application

- Documentation will be required to be attached to the Pre-application that demonstrates this need and project.
- A portion of a project can be for emerging contaminants and other needs. This must be spelled out in the pre-application for fund tracking purposes.



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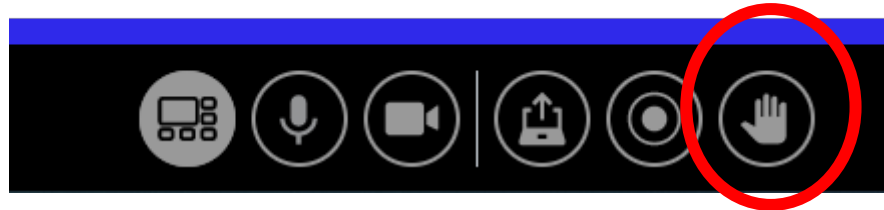


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DWSRF Lead Service Lines

- Projects eligible for Funding
 - Must be an eligible DWSRF Project
 - Primary Purpose to address lead in the service line
 - Complete removal of the entire line (public and privately owned portion)
 - Removal of lead or galvanized goosenecks, pigtails, and connectors.
 - Replacement of curb stops, curb stop boxes, and other service line appurtenances
 - Site restoration: landscaping, sidewalks, driveways, if the removal was necessary to replace the lead service line.
 - Temporary pitcher filters or P.O.U. devices
- Technical Assistance Projects
 - Assistance in applying for funding, diagnose problems, training, inventories, mapping

Federal Year	Nevada amount
2022	\$32,864,000
2023	\$28,350,000
2024	\$28,350,000
2025	\$28,350,000
2026	\$28,350,000

49% of these funds are available as principal forgiveness to disadvantaged communities

Special loan terms are being evaluated for this funding opportunity, including 0% interest

Identify these projects on the pre-application

In the Nevada Infrastructure Financial System (NIFS) Pre-application, Page 1:

Required Need For A Project 

Lead Service Line Project: 80% of this project will replace lead service saddle replacement, including curb, gutter and sidewalk. 20% of this project is to address meters. Support for the cost splits and need for pharmaceutical treatment is attached to this pre-application.

- Documentation will be required to be attached to the Pre-application that demonstrates this need and project.
- A portion of a project can be for lead service line replacement and other needs. This must be spelled out in the pre-application for fund tracking purposes.



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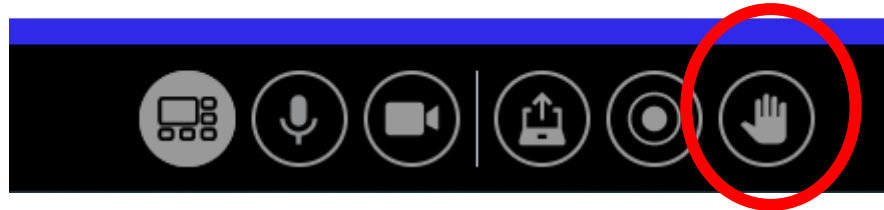


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Milestones completed

For NDEP

- **Listening Sessions**
 - **BIL Session 1**
 - **BIL Session 2**
 - **Drinking Water Regulation Changes**
- **Project checklists posted**
- **Website updates**
 - **page 1 complete)**
- **Introduction to the Nevada Infrastructure Financial System (NIFS) and pre-applications**

For Utilities and consultants

- **Participate in Listening Sessions**
- **Evaluate projects readiness-to-proceed**
- **Submit pre-applications by May 11, 2022!**

Next Steps

For NDEP

- **More Listening Sessions and outreach**
 - **Additional Guidance**
 - **BABA**
- **Website Changes**
 - **Resources page**
 - **Technical Assistance updates**
- **Finalization of the Priority Lists**
- **Apply for Grants**
- **NIFS**
 - **Letter of Intent**
 - **Loan Applications**
 - **Project support**

For Utilities

- **Talk to your citizens and governing boards about needs**
- **Evaluate projects readiness-to-proceed**
 - **Work with engineering firms to prepare cost estimates and timelines**
 - **Review the project checklists**
- **Complete a pre-application in NIFS for as many projects as you can**



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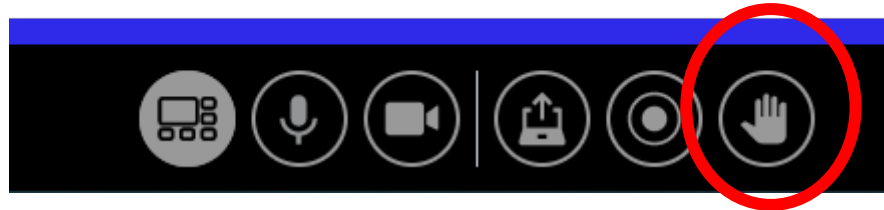


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DWSRF and CWSRF website:

<https://ndep.nv.gov/water/financing-infrastructure/state-revolving-fund-loans>

Join our mailing list:

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