

The background is a collage of images related to water treatment and industry. On the left, there are large black pipes. In the center, a person in a white lab coat is pouring liquid from a beaker into another. On the right, a worker in a yellow hard hat and safety vest is kneeling and looking at a tablet. At the bottom left, a worker in a red hard hat and orange safety vest is working. At the bottom right, there are large concrete pipes.

2023 CIFA SRF Workshop CWSRF & EPA WaterTA

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National Perspective 2023

- CWSRF Accomplishments
- 35 years of Great Federal-State Partnership
- Bipartisan Infrastructure Law Priorities
- EPA WaterTA: Examples & Takeaways
- Questions



2023 CWSRF Accomplishments

- Data for 2023 is not final, but preliminary assistance provided is \$8.7 billion
- This builds on \$9.6 billion provided in 2022 and \$8.2 billion provided in 2021
- The national average CWSRF interest rate for 2023 was 1.46%
- Nearly \$700 million additional subsidy in 2023
- Average ~\$500 million annual additional subsidy over past 3 years for addressing affordability and promoting green projects

35 Years of Federal-State Partnership

- \$52.4B in federal capitalization
- \$10B in state match contributions
- \$53.8B in additional project funding from leveraged bonds
- \$60.4B loan repayments and earnings
- \$171B invested in protecting and improving water quality
- More than 48,000 assistance agreements
- Includes \$5.7 billion funding since 1988 to address NPS
- Continuing legacy of state innovation and federal flexibility

\$158.6B for
centralized
wastewater
treatment

\$2.6B for
water
conservation
projects

Thousands of
decentralized
treatment
systems

Bipartisan Infrastructure Law (BIL)

- Building on SRF accomplishments and strong EPA/State partnership
- Entering third year of BIL implementation
- Expanding the aperture of opportunities
- Supporting all communities and expanding access to DACs to receive CWSRF funds
- Creating leverage for SRF and communities

Key BIL Priorities

- Provide Flexibility to Meet Local Water Needs
- **Support Resilience and Innovation**
- **Cultivate Domestic Manufacturing**
- Address PFAs and Emerging Contaminants
- Support American Workers
- **Increase Investment in Disadvantaged Communities**



BIL Funding is Supporting Resilience

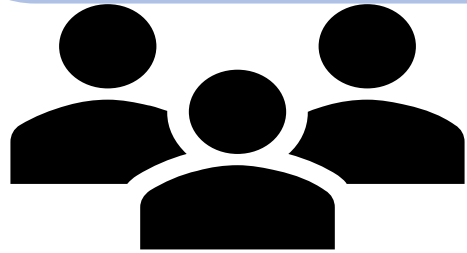
- Preserving and protecting treatment works to address and mitigate flood and/or natural disaster events
- Enhancing community resilience by funding stormwater management using both green and grey infrastructure
- Addressing drought issues by funding water reuse and conservation
- Expanding access to additional subsidies for resiliency and NPS projects
- Expanding access to affordable assistance for project development, planning, and technical assistance for resiliency projects

Supporting Domestic Manufacturing (BABA)

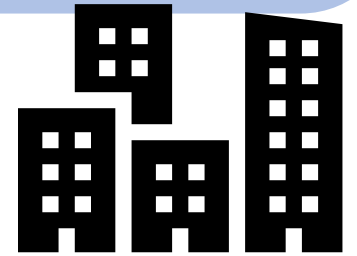
- EPA publishing water infrastructure product RFI this week!
- OMB recently published significant guidance updates
 - August: 2 CFR 184 – includes definitions and instructions for manufactured products and construction materials
 - October: Revised implementation memo (now M-24-02) – aligning with 2 CFR 184; includes a few significant changes
- Attend the afternoon breakout session where EPA staff will be discussing these updates

Supporting Investment in Disadvantaged Communities (DACs)

Of the approximate **\$700M** CWSRF provided in additional subsidies in 2023, **79%** went to disadvantaged communities



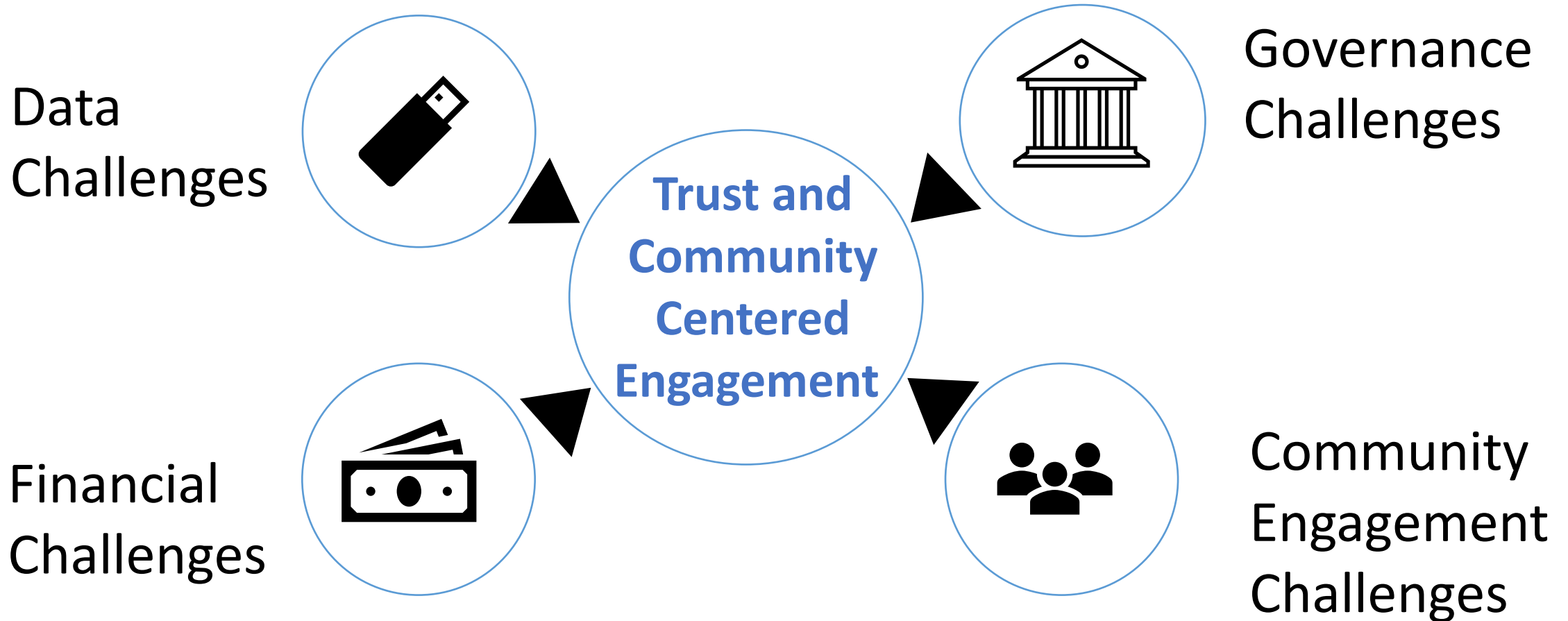
30% of assistance agreements went to state-defined disadvantaged communities



Expanding Access to DACs Via Water TA

- **Water TA is working:**
 - CWSRF applications being submitted; USDA SEARCH; PPG awards; and ARPA grants awarded.
- **Goal of WaterTA:** EPA's water technical assistance (WaterTA) provides hands-on support to help communities access BIL funding.
- **Partnership Approach:** EPA collaborates with states, tribes, territories, local utilities, and other key stakeholders.
- **Key: Assessing and Understanding Communities**

WaterTA: Overarching Themes



Water TA: Experts, Network and Pilots

- **EPA's WaterTA Providers Are Experts in Water and in Supporting Communities**
- **Expanded Support Network: EFCs and Contractors**
- **We've Already Accomplished:** EPA launched new WaterTA initiatives – for examples: H2O Community Solutions Teams (CST); expanding EPA's Environmental Finance Centers (EFCs); and Closing America's Wastewater Access Gap

Keystone and Northfork - McDowell County, WV



Summary: Small communities of approximately 200 total (range of 197-221) households with declining populations. Homes built on mountain slopes and raw sewage is discharged directly into local waterways.

Next Steps for Community:

- Received \$75,000 SEARCH grant from USDA to develop PER and EID.
- Selected an engineer for the PER and EID and the project is underway.
- Applying for CWSRF funding early next year.

Image: Catch and release signs for fishing were recently installed on the Elkhorn Creek

Mound Bayou and Dunlap - Bolivar County, MS



Image: Raw sewage in ditches in Dunlap

Summary: Small, unincorporated community of 34 homes adjacent to the city of Mound Bayou. Homes have failing onsite systems with ponding of raw or partially treated sewage on/near private properties. Mound Bayou has agreed to extend sewer service to Dunlap.

Next Steps: Continue work with town engineer throughout CWSRF process (initial app submitted, project is on current IUP)

WaterTA : GILA County Arizona

Context: Gila County (pop 55k) has approximately 10,000 decentralized wastewater systems – hundreds of systems failing.

Needs & Challenge: Access funding for a county-run cesspool and failing septic replacement program to improve public & environmental health.

Approach: State supported CST work of mapping known systems, impaired streams, and private wells with nitrate/E. coli impairments

Broader Impact: WIFA is now offering 100% loan forgiveness for projects that resolve nonpoint source pollution issues (such as cesspool conversions to septic) in disadvantaged communities

WaterTA is about the communities.

- **Water TA is working:**
 - Communities engaging and actively participating
 - Learn about communities with detail assessments
 - Ideas exploration, solutions and alternatives developed with communities
 - Implementing plans
- **Impacting & Empowering Communities:**
 - Improved Infrastructure and Public Health
 - Resilient and sustainable infrastructure

Water TA: Key Takeaways

- Collaborative approach: each project team member has specific specialties; leveraging TA Providers working in community.
- Building Relationships/Trust: 1:1 engagement and utilizing trusted community leaders to keep community members informed and share the importance of initiative; listening to the community.
 - Trust and community centered engagement helps to address challenges
- Adaptability: reacting to potential changes in direction/ focus.
- Customized and tailored TA based on assessments and solutions.
- Integrate community feedback into solution plans.
- WaterTA: expanding the apertures / reach of programs and building tools and systems to create customer and SRF leverage.



Clean Water
State Revolving Fund

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