



Rural
Community
Assistance
Partnership

EPA Treatment Works

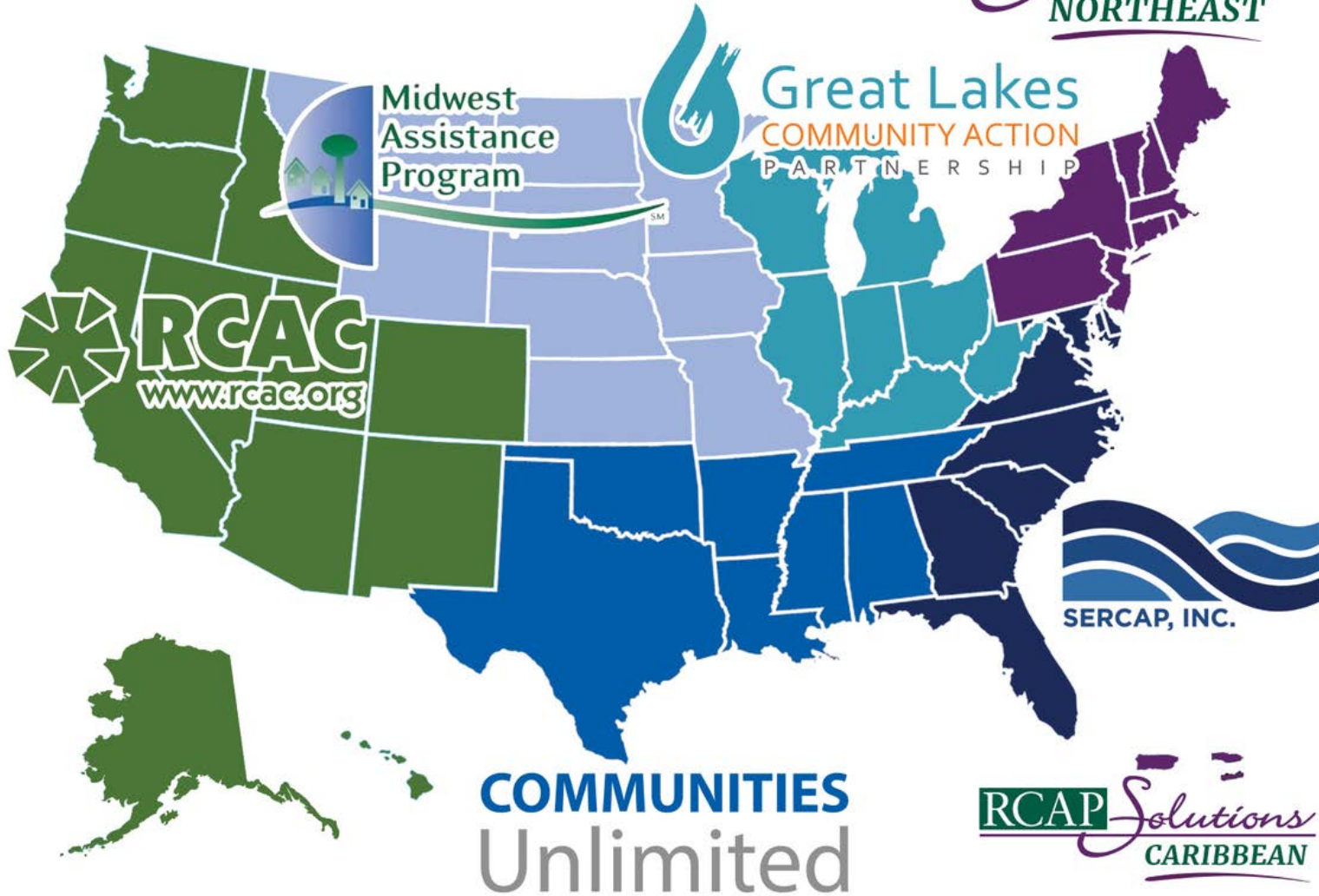
Presentation by:

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Chief Programs Officer



Treatment Works Project Partners



PROGRAM GOAL:

Improve compliance and financial sustainability, thus improving public health and the environment

- Training and technical assistance (TA) for small wastewater systems
 - Publicly owned treatment works (POTWs)
 - Decentralized/Onsite
- Increase technical, managerial, and financial capacity of small systems with an emphasis on accessing infrastructure \$

Project Period

- April 1, 2022 – September 30, 2023 (18 months)

Note: Definition of small public wastewater systems:

Population of less than 10,000 persons and/or permitted to treat 1 MGD or less

Eligibility to Receive TW Assistance (Public, Private, or Non-Profit)

Construction of POTWs

Nonpoint source

National estuary program projects

Stormwater

Watershed pilot projects

Water reuse

Energy efficiency

Security measures at publicly owned treatment works

Onsite/Decentralized wastewater systems

Water conservation, efficiency, and reuse

Technical Assistance

- **174 projects** in 50 states + 2 Caribbean territories
- **Specific focus on Asset Management, GIS, and Regionalization**
- Includes at least 9 tribal projects
- **Assist at least 15 systems to access infrastructure funding: \$40M**



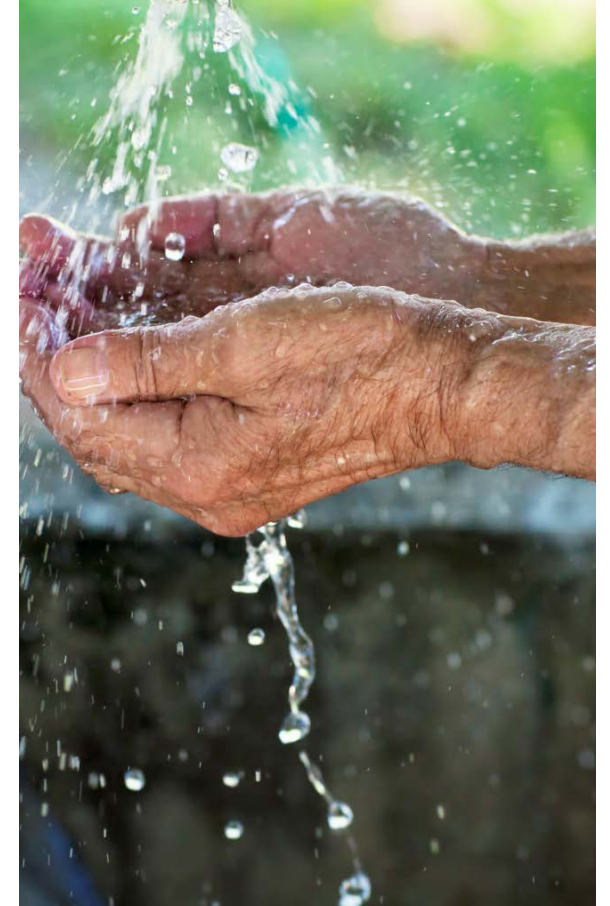
Training

- **66 trainings**; 50 states + 2 territories reaching at least **1,320 participants**
- At least 3 tribal trainings (at least 5% of total)
- **Trainings will be at least half-day in length for POTW and 1-2 hours for decentralized/onsite**
- **Will offer CEUs for operator training where available**, pre and post testing required



Coordination

- Primacy agency and CW SRF
- Annual state/territory workplan development
- Each agency to receive at least 3 contacts: Initial, mid-grant, closeout
- TA and training in all 50 states and 2 Caribbean territories (all 3 pacific territories and/or) and 5% tribal
- RCAP national to report to and meet with EPA PO (Alma) at least quarterly
- RCAP, NRWA and EFCN to meet and coordinate regularly



Information Sharing

Communication

- **Share lessons learned, best practices, tips and tricks**
 - A Drop of Knowledge / Rural Matters
 - Case Studies
 - ReCAP (RCAP internal newsletter)--one ww vignette per region required
- Four national RCAP webinars (Onsite/decentralized and POTW)
- **National Wastewater Working Group (all RCAPs and external partners)--meet every other month**



Partner Deliverables:

Water Environment Federation

- 3 webinars to at least 50 participants each
 - 2 on technical topics
 - 1 on high need topic (topics agreed upon by RCAP and WEF)
- 1 Podcast and Member Association Newsletter Features

Partner Deliverables: Water Environment Federation Cont.

- Joint RCAP/WEF MA training pilots, 6 states/MAs
- Train the Trainer for RCAP field staff
- Provision of trainer guides and WEF Wastewater Fundamentals workbooks for technical training
- Specialized training library on technical topics for small systems (20 topics)

Priority	WEF Training Curriculums List
1	Pumps / Lift stations
2	Collection Systems
3	WW Plant O and M
4	Storm Water
5	Climate
6	Nutrient Removal
7	Disinfection
8	Preliminary and Primary Treatment
9	Workforce Sustainability
10	Safety Security resilience
11	Chemical Storage, Handling & Feeding
12	Aeration Systems
13	Biological Treatment
14	Water Reuse and Reclamation
15	Electrical fundamentals and Motors
16	Lab Analysis and Practices
17	Activated Sludge
18	Dewatering
19	Regulation, Policy, & Legislation
20	Aerobic Digestion



Partner Deliverables:

University of Illinois

- Add resources to WaterOperator.org
 - Add onsite/decentralized information to Tribal, WaterOperator.org, Innovation and Private Well Class newsletters
- Expand the Septic System Section in Private Well Assessment Tool
 - Conduct 2 webinars on the updates to the tool
- Update Tribal Contact Manager
- Attend 1-2 tribally focused events and provide information on onsite/decentralized best practices

Partner Deliverables:

National Onsite Wastewater Recycling Association

- Develop interactive homeowner/public training module using an updated Septic System Owners Guide
- Conduct 3 Train the Trainer/Pilot events
 - All 6 RCAP regions- 2 regions per event
 - At least 1 will focus on/be inclusive of Indian Country

Questions??





THANK YOU!



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