



“Implementing Technical Assistance in the Field” in Small Wastewater Systems - POTWs

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“Improving the quality of life in rural communities”



Rural Community Assistance Partnership
"Improving the quality of life in rural communities"



Western RCAP
 Rural Community Assistance Corporation
 rcac.org

Midwestern RCAP
 Midwest Assistance Program
 map-inc.org

Southern RCAP
 Communities Unlimited
 communitiesu.org

Great Lakes RCAP
 Great Lakes Community Action Partnership
 glcap.org

Southeastern RCAP
 Southeast Rural Community Assistance Project
 sercap.org

Northeastern RCAP
 RCAP Solutions
 rcapsolutions.org

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 Washington, D.C. 20006
 rcap.org



Funding Acknowledgement:

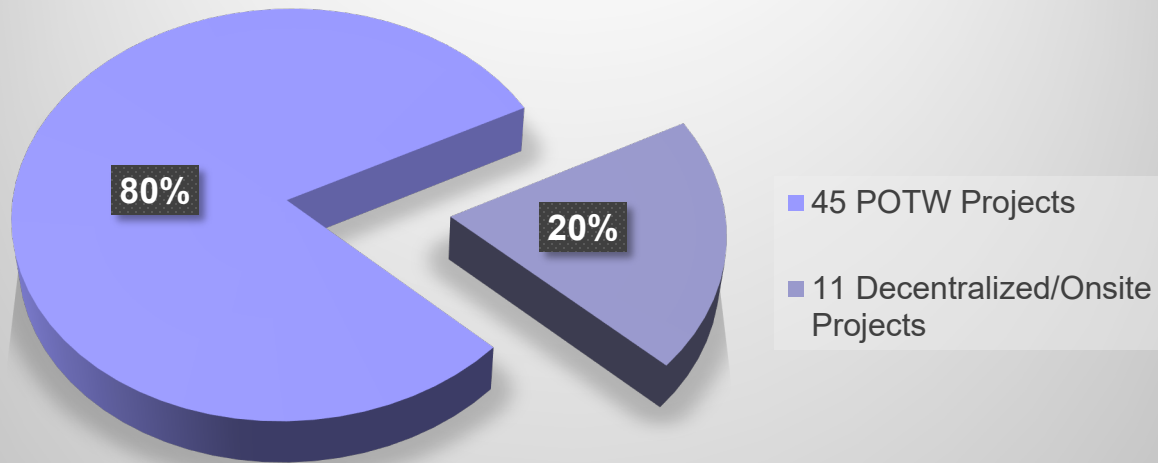
EPA National Priority Area 3:

Training and Technical Assistance for
Small Wastewater and Decentralized
Systems to Improve Water Quality

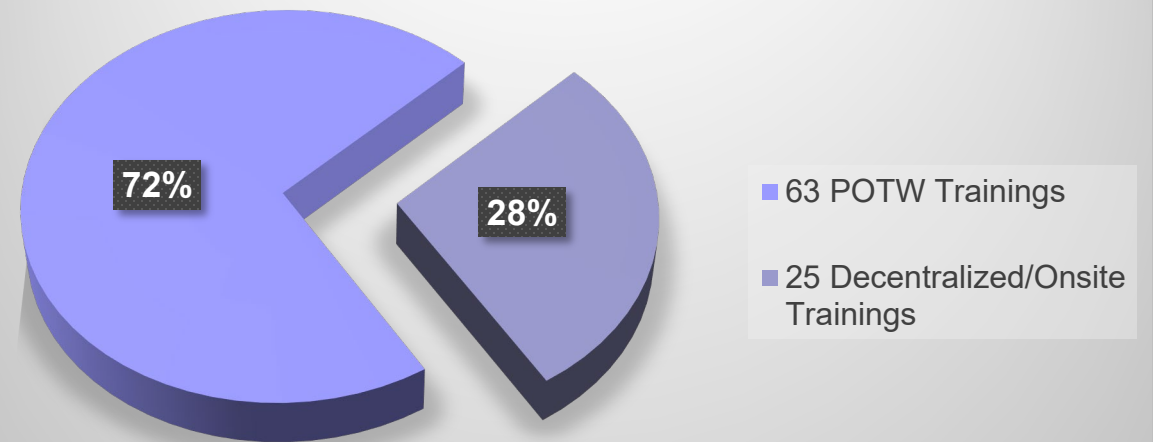
EPA Grant – X7-83740001-1

2017-19 Technical Assistance Projects & Trainings

56 TA PROJECTS

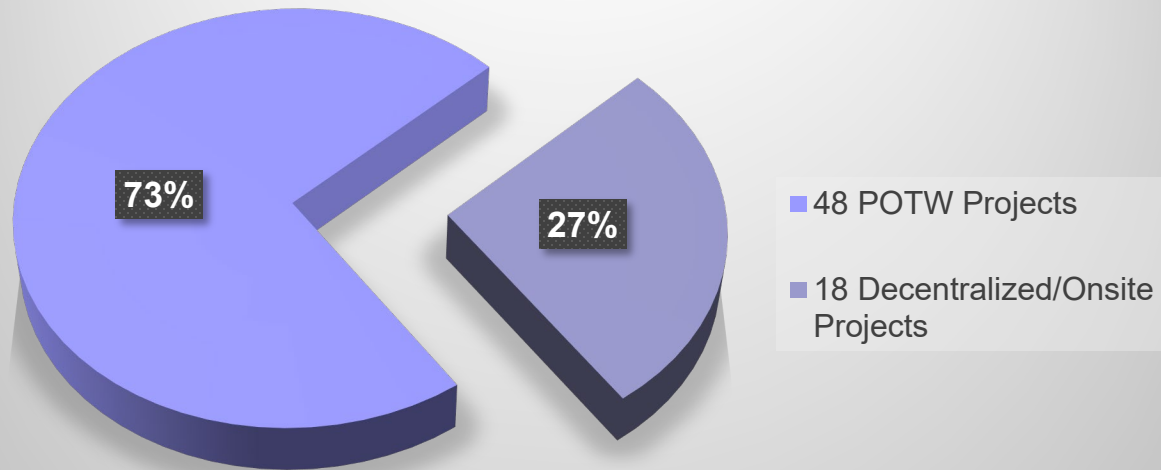


88 TRAININGS

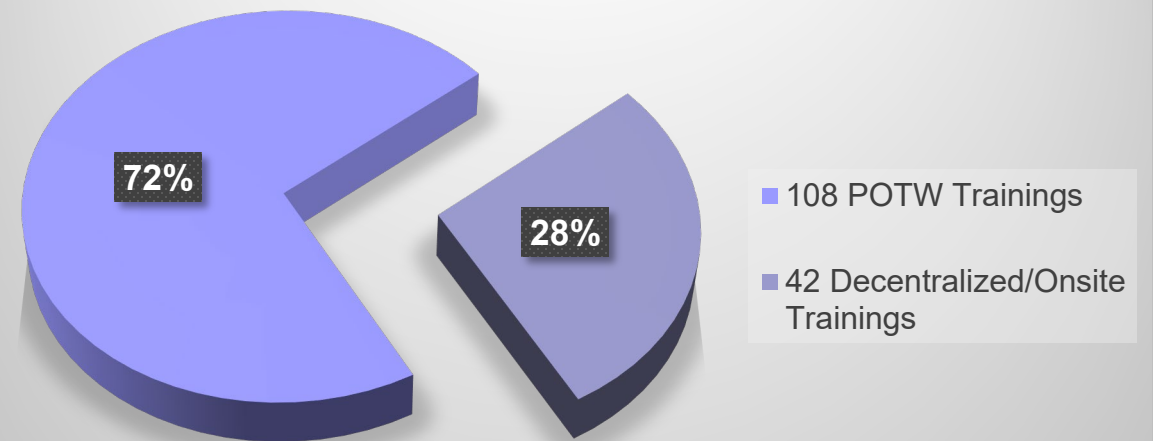


2018-21 Technical Assistance Projects & Trainings

66 PROJECTS



150 TRAININGS



POTW Technical Assistance Projects

- ❑ Projects range from 40-100 hours each
- ❑ TAPs can do TMF (technical, managerial & financial assistance)
- ❑ All projects include an initial & final TMF assessment
- ❑ Typical projects include:
 - ❑ Operational assistance and training of operators/managers
 - ❑ Creation of Operations & Maintenance Plans
 - ❑ Updating of vulnerability assessments/emergency response plans
 - ❑ Asset inventory assistance
 - ❑ Financial assistance to establish reserve funds, produce budgets, and create updated rate structures
 - ❑ Many other tasks ...

POTW Trainings/Curriculum

- ❑ A Structured Approach to Wastewater Treatment Process Selection
- ❑ Basic Hydraulics and Pumps
- ❑ Chemistry for Wastewater Operators
- ❑ Clean Water Act & National Pollutant Discharge Elimination System
- ❑ Discharge Monitoring Reports & Record-Keeping
- ❑ Energy Efficiency for Wastewater Plants
- ❑ Introduction to Wastewater Plant Instrumentation and Monitoring
- ❑ Overview of Wastewater Treatment
- ❑ Preliminary and Primary Wastewater Treatment
- ❑ Principles of Wastewater Disinfection & Chlorination
- ❑ Stream Standards & Wastewater Characteristics
- ❑ Wastewater Lagoons and Oxidation Ponds
- ❑ Wastewater Math for Operators
- ❑ Wastewater Plant Maintenance
- ❑ Wastewater Sampling & Preservation
- ❑ Wastewater System Safety
- ❑ Basics of Operator Math

POTW Videos/Webinars

- ❑ Wastewater Treatment Video 1: Introduction
- ❑ Wastewater Treatment Video 2: Collection System
- ❑ Wastewater Treatment Video 3: Preliminary Treatment
- ❑ Wastewater Treatment Video 4: Primary Treatment
- ❑ Wastewater Treatment Video 5: Secondary Treatment
- ❑ Wastewater Treatment Video 6: Solids and Sludge Handling
- ❑ Wastewater Treatment Video 7: Effluent Disinfection
- ❑ Wastewater Treatment Video 8: Effluent Disposal
- ❑ Wastewater Collection Systems: More Than Meets the Eye
- ❑ Energy Efficiency at Wastewater Treatment Facilities
- ❑ Small On-Site Wastewater Treatment Systems
- ❑ Preparing Your Wastewater System for Disasters and Emergencies
- ❑ How It Works: Backflow Control Methods, Devices, and Assemblies
- ❑ How To: Develop a Cross-Connection Control Plan
- ❑ How To: Identify and Avoid Possible Cross-Connections
- ❑ Webinars on Lagoon System Basics, Lagoon System Troubleshooting, Sludge Handling & Disposal Techniques

QUESTIONS?

For more information:

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