



**EPA's
OFFICE OF
WASTEWATER
MANAGEMENT**

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Onsite Wastewater Mega-Conference
October 18, 2021



WASTEWATER MANAGEMENT PRIORITIES

Current and Future

- **Equity and Affordability.** Provide safe and affordable access for all
- **Climate Resiliency.** Contribute to the climate agenda in meaningful ways
- **Next Gen Water Workforce.** Recruit, train, retain workforce; support economic and recreational activities



BUILDING COMMUNITY & INFRASTRUCTURE RESILIENCY – ADDRESSING THE AFFORDABILITY CHALLENGE

1. Lived Experiences of Stakeholders
2. Equity, Environmental Justice and Affordability
3. Community Revitalization – A New Legacy
4. Infrastructure Jobs Act and Infrastructure Investments
5. Adaptive Integrated Framework
6. Partnerships with Key Stakeholders



DECENTRALIZED WASTEWATER PROGRAM

Partnership Priorities

- **Outreach and Education.** Instill best practices for homeowners with septic systems
- **Data.** Utilize current and new data sources on decentralized system usage
- **Technology.** Promote advanced decentralized wastewater technologies for communities
- **Funding and Financing.** Share information, pursue innovative options
- **Decentralized Workforce.** Address training, education, and research needs to provide a sustainable decentralized workforce

Another Successful SepticSmart Week for 2021!

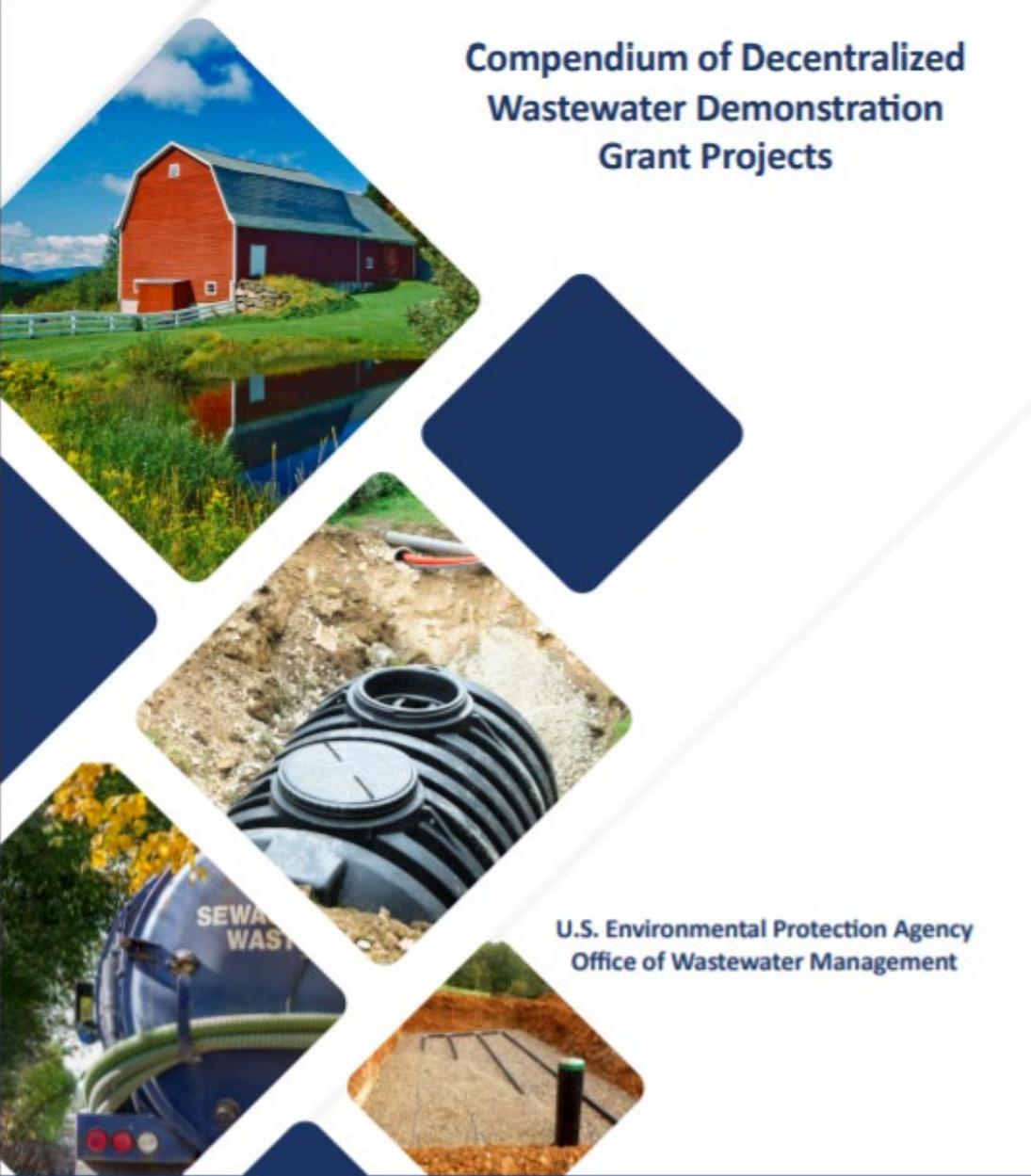


U.S. Environmental Protection Agency

www.epa.gov/septic



- September 20 – 24, 2021
- Annual outreach and education campaign for homeowners with septic systems
- Many great examples of community and social media outreach



Compendium of Decentralized
Wastewater Demonstration
Grant Projects

U.S. Environmental Protection Agency
Office of Wastewater Management

New Decentralized Demonstration Compendium

Summarizes 18 community decentralized project grantee final reports, funded under congressional earmarks

Key Topics:

- **Installation of new systems**
- **Community-wide assessments**
- **Stormwater infrastructure**



Funding for Decentralized Systems

- Leveraging the Clean Water State Revolving Fund/ other programs
- New Programs (USDA, infrastructure bill)
- The importance of management and maintenance

Wastewater Technology Clearinghouse

The screenshot displays the EPA website for the On-Site and Decentralized Wastewater Technology Clearinghouse. At the top left is the EPA logo. The navigation bar includes links for Environmental Topics, Laws & Regulations, and About EPA, along with a search bar. Below the navigation bar, there are links for Related Topics: Wastewater Technology Clearinghouse, Centralized Clearinghouse, and On-Site and Decentralized Clearinghouse. The main heading is "On-Site and Decentralized Wastewater Technology Clearinghouse" with the subtitle "Helping communities make informed choices about innovative, alternative, and reuse wastewater technologies." A secondary navigation bar contains links for Home, Resources, Map, Calendar, and Submit Feedback or Resource. The central image shows a close-up of grey plastic covers for underground tanks in a field, with three icons overlaid: a document for Search Resources, a location pin for Map Search, and a calendar for Calendar. At the bottom, a "Quick Searches" section features icons for Case Study, Cluster Systems, Cost Effectiveness, Cost Share, and Water Reuse.

Newly Released Workforce Reports



Pipeline to a Sustainable Workforce:

A Report on Decentralized/
Onsite Wastewater Occupations

EPA Office of Wastewater Management
February 2021



Document Number: EPA-830-R-21-001



Education and Training Landscape:

Providing a Supply of Talent for
Decentralized/Onsite Wastewater Occupations

EPA Office of Wastewater Management
September 2021



Document Number: EPA-830-R-21-005



Building a Decentralized Wastewater Training Program

EPA Office of Wastewater Management

September 2021



Document Number: EPA-830-R-21-002



THANK YOU
