



The EPA Office of Wastewater Management has recently expanded its "Handbook for Managing Onsite and Clustered (Decentralized) Wastewater Treatment Systems" with the addition of an "E-Handbook." The E-Handbook features resource guides containing detailed information on the 13 management program elements featured in the existing Handbook:

- ▶ Public education
- ▶ Planning
- ▶ Performance
- ▶ Site evaluation
- ▶ Design
- ▶ Construction/installation
- ▶ Operation/maintenance
- ▶ Inspections/monitoring
- ▶ Residuals management
- ▶ Training/certification
- ▶ Financial assistance
- ▶ Inventory/recordkeeping
- ▶ Corrective actions and enforcement

The E-Handbook focuses on individual and clustered wastewater systems that discharge to the soil, but the information can also be applied to National Pollutant Discharge Elimination System-permitted surface-discharging systems. The handbook is intended for health departments, wastewater management entities, local governments, and others involved in managing multiple individual or clustered treatment systems. Each guide contains detailed information on each program element and links to other resources, case studies, and examples of successful management programs.



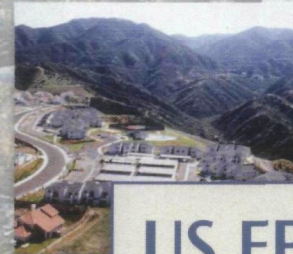
**US Environmental Protection Agency**  
Decentralized Wastewater Management Program  
Office of Wastewater Management  
1200 Pennsylvania Avenue NW — Mailcode 4204M  
Washington, DC 20460

EPA 832-F-10-001 • US EPA's Decentralized Wastewater Management E-Handbook Flyer



## Handbook for Managing Onsite and Clustered (Decentralized) Wastewater Treatment Systems

An Introduction to Management Tools and Information  
for Implementing EPA's Management Guidelines



**US EPA's  
Decentralized  
Wastewater  
Management  
E-Handbook  
is Now  
Available!**



Interactive Handbook for Managing Individual and Clustered  
(Decentralized) Wastewater Treatment Systems  
Resource Guides  
Office of Water  
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RESOURCE GUIDE 2. COMMUNITY PLANNING FOR WASTEWATER  
TREATMENT

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RESOURCE GUIDE 1. PUBLIC EDUCATION AND OUTREACH

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INSTRUCTION AND INSTALLATION

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RESOURCE GUIDE 9. OPERATION AND MAINTENANCE

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A very important, but often overlooked, component of an wastewater management program is operation and maintenance (O&M). Effective wastewater management ultimately hinges on the proper O&M of systems.

There are several different management approaches that can be used to support O&M, including mandatory inspection programs to permitting and monitoring requirements. In general, operation and maintenance tasks are tied directly to the system type, the wastewater being treated, and the receiving environment where effluent is discharged or reused. This overview provides readers with general information about the O&M management considerations for individual and clustered wastewater treatment systems. Included in this overview are:

Item Operation and Maintenance Requirements

- Individual Wastewater Systems
- Clustered Treatment Systems

Management Considerations

- Education and Outreach
- Planning and Certification
- Inspection and Maintenance Requirements
- Reporting and Monitoring
- Operating Permits
- Public and Private Management Entities