

## NSF International Standard for Wastewater Technology

The National Sanitation Foundation NSF is certified by the American National Standards Institute (ANSI) to develop and publish American National Standards. The procedure for developing an American National Standard must appropriately address consensus, due process, and openness. In the case of the NSF wastewater treatment standards, these are accomplished primarily through a committee structure, with the NSF Joint Committee on Wastewater Technology at the core.



## Public Health

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OFFICE OF PUBLIC HEALTH  
Onsite Waste Water Program

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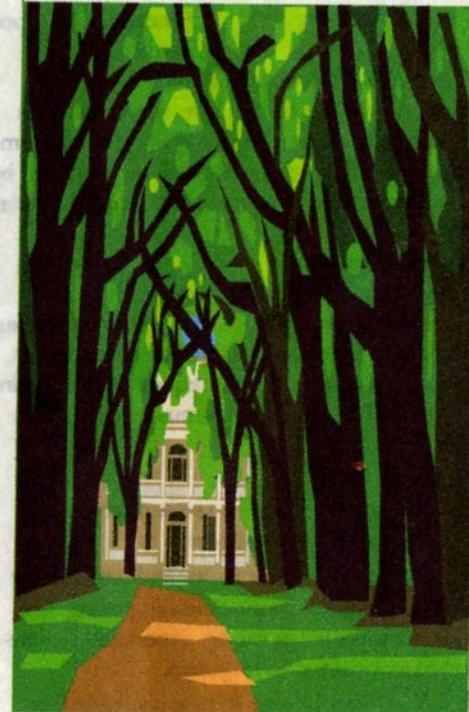
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Onsite Wastewater  
Program

## Guidelines for Homeowner Maintenance of an Aerobic Treatment System



STATE OF LOUISIANA  
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225-342-7653

## What Homeowners Need to Know When Maintaining Their Onsite Wastewater Treatment System



### Noise

Your system shall not produce excessive noise when installed according to manufacturer's instructions.

### Electrical Components

The *National Electrical Code*, NFPA 70, 1993, shall be followed for your system installation and operations, as well as for all electrical components. All components shall be protected by safety devices such as fuses and circuit breakers.

### Access Ports

Your system must have access ports that are accessible at ground-level and sized to facilitate maintenance and servicing of all components and compartments which require routine maintenance. The access ports must allow for the following:

1. You must be able to see and remove all mechanical or electrical parts.
2. You must be able to see and remove any part that requires routine cleaning or replacement as specified in the operation and maintenance manual for your system.
3. You must be able to take a sample from the system as specified in the operation and maintenance manual for your system.
4. You must be able to remove solids from the system as specified in the operation and maintenance manual.

All access ports must be protected to prevent unauthorized intrusion. Protective measures can be of the following types:

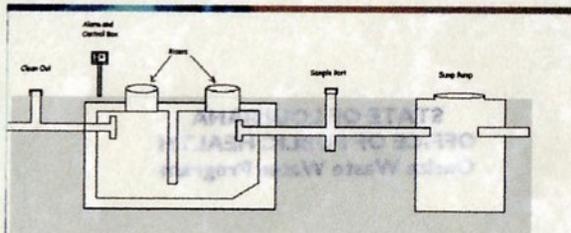
1. Padlocks.
2. A cover that would require a special tool to remove it.
3. A heavy cover weighing no less than 65 pounds.

### Failure Sensing and Signaling Equipment

Your system must be equipped with a device that can detect if your system is failing. The device must include the capabilities for a visual as well as an audible alarm. Your system must have a means for detecting a high water condition that includes a visual and audible means of notifying you when the water level is higher than normal operating condition.

Your alarm visual signal must be visible from a distance of 50 feet from your system and its components. The audible portion of your system's alarm must be between 70 and 75 dba at 5 feet from the system and you must be able to hear the signal from a distance of 50 feet.

The alarm systems must continue to be serviceable in the event of an electrical, mechanical, or hydraulic break-



ATU with a sump chamber and access ports

### Replacement Parts

Whenever a replacement part is needed for your system, you must use only those parts that are approved for your particular brand or model of aerobic onsite wastewater treatment system. If you are not sure if a replacement part is approved for your system, you can contact a Sanitarian at your local health unit for verification. You may also contact the manufacturer of your system for approved replacement parts

### Example of Replacement Parts:

Aerator  
Hoses & Clamps  
Air filters  
Diffuser Bar  
Alarm Components  
Lids & Covers



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