



ILLINOIS

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Private Sewage Disposal Licensing Act and Code
Title 77, Chapter I, Subchapter R, Part 905
2003

<http://www.ilga.gov/commission/jcar/admincode/077/07700905sections.html>

Section 905.15. Adopts the most current NSF standard for the testing and evaluation of aerobic treatment systems.

Section 905.20. Clarifies the manner in which wastes must be handled when floor drains collect wastes in areas where vehicles are stored or maintained.

Section 905.30. Approves various chamber systems, peat filter systems, and the raised filter bed for installation as acceptable private sewage disposal systems.

Section 905.40. Allows additional flexibility in providing access openings to two compartment septic tanks.

Section 905.60. Establishes design requirements for the installation of chamber systems.

Section 905.95. Adds a new section which establishes design and installation requirements for the Illinois raised filter bed.

Section 905.96. Adds a new section which establishes design and installation requirements for peat filter systems.

Section 905.100. Adopts the current NSF standard for the testing and evaluation aerobic treatment systems.

Section 905.170. Clarifies the requirements for the land application of septage and changes language to be consistent with U.S. EPA land application requirements.

Section 905.205. Adds criteria for administrative fines. House Bill 1695 allows the Department to impose an administrative fine against any person who violates the Act or Code.

Section 905. Appendix A, Illustration I, Exhibit D. Specifies spacing of the distribution lines for chamber systems.

Section 905. Appendix A, Illustration I, Exhibit E. Establishes sizing criteria for the design of chamber systems.

Section 905. Appendix A, Illustration J, Exhibit C. Provides a plan view for the typical installation of chamber systems.

Section 905. Appendix A, Illustration J, Exhibit D. Provides a section view for the typical installation of chamber systems.

Section 905. Appendix A, Illustration X, Exhibit A. Establishes a table with sizing requirements for the installation and design of the Illinois Raised Filter Bed.

Section 905. Appendix A, Illustration, X, Exhibit B. Provides a section view of a typical Illinois Raised Filter Bed Aeration Tank.

Section 905. Appendix A, Illustration X, Exhibit C. Provides a cross section view of the Illinois Raised Filter Bed installation.

Section 905. Appendix A, Illustration X, Exhibit D. Provides a cross section end view of the Illinois Raised Filter Bed installation.

As of March 2006, the State of Illinois was currently revising regulations and the new regulations are expected to become effective in 2007. Onsite wastewater regulations are administered across the state by Illinois Department of Health, Division of Environmental Health. The Department consists of a central office, which oversees six regional offices. The six regional offices oversee within their region the local health departments, which have established delegation agreements with the Department. All regulations apply statewide and can be made more stringent locally if approved by the State.

Performance based codes are not followed for the selection of any technologies. The State of Illinois does have an experimental use permit program for technologies not listed within Illinois state code.

The State does recognize management programs/contracts or management districts to monitor and maintain onsite systems or individual septic dispersal systems. Systems such as multi-residence/cluster systems require a more extensive maintenance agreement; however there is no contract or permit requirement. Some RMEs are being established for these situations. Please contact the Lake County Health Department for more information: <http://www.co.lake.il.us/health/>. Tony Smithson can provide information on existing management programs currently in operation within the State of Illinois.

Illinois requires onsite professionals to be certified, professionals must have Installer certification as well as Pumper certification. In 2007 a Portable Toilet License will also be required. These certifications are renewed annually. Site evaluations are conducted by licensed Installers before an onsite system is installed. State code allows both percolation

tests and soil characterization as part of the site evaluation. Some counties use only soil characterization. Counties with established Health Departments issue permits. There are still two counties without a Health Department where the State carries permit-issuing authority.

A licensed Installer and/or County Inspector performs system inspections upon request from the individual homeowner. Cost for inspection varies within the State of Florida and is noted to be less expensive in the Southern regions.

Permits are issued at the county level if the county has an established Health Department. Permits are tracked within the State for new construction and the repair of an existing system; however, permits may not be tracked for the upgrade or modification of a system depending on the modification. If a major component is upgraded/modified the permit will be tracked; however, if the upgrade/modification is minor (i.e., less than 25% of field addition) the permit will not be tracked. Please contact Mr. Chad Moorman for more information.

Alternative/experimental/innovative technologies do require a different permit than those of standard systems. Please contact Mr. Moorman using the address listed above for more information.

In the State of Illinois, monies from State Revolving Funds (SRF) are not available to assist individual homeowners in: repairing a failing or malfunctioning system, replacing a failing or malfunctioning system, or for new construction of an onsite wastewater treatment system; however, it is expected that monies will become available by 2007.

Three conferences within the State of Illinois are dedicated to Onsite education and training with numerous local and regional training or CEVs classes. These conferences are hosted by: Illinois Environmental Health Association, Illinois Association of Environmental Health Administrators, and OWPI. Demonstrations and/or research is not currently ongoing within the state of Illinois.