



MISSOURI

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<http://www.dhss.mo.gov/Onsite/>

Missouri Laws for Onsite Disposal Systems
August 28, 2005

<http://www.sos.mo.gov/adrules/csr/previous/19csr/19csr0102/19c20-3b.pdf>

<http://www.moga.mo.gov/STATUTES/C701.HTM>

Department of Health and Senior Services Rules Governing Onsite Sewage Systems
19 CSR 20-3.060 Minimum Construction Standards for Onsite Sewage Disposal Systems
January, 1996

19 CSR 20-3.070 Inspection of Existing Onsite Sewage Disposal Systems Requested by
the Lending Institution January, 1996

19 CSR 20-3.080 Description of Persons Qualified to Perform Percolation Tests, Soils
Morphology Examinations in Determining Soil Properties for Onsite Sewage Disposal
Systems and Installations of Onsite Wastewater Treatment Systems, February, 2005

Regulations for the state of Missouri for flows less than 3,000gpd can be accessed online:
<http://www.sos.mo.gov/adrules/csr/previous/19csr/19csr0102/19c20-3b.pdf>

Regulations for the state of Missouri for flows greater than 3,000gpd can be accessed online:
<http://www.moga.mo.gov/STATUTES/C701.HTM>

Regulations in the State of Missouri were last updated August 28, 2005. Currently there are no regulatory revisions occurring.

In the State of Missouri, a technology not listed within the State code can be used under Subsection (6)(K) of 19 CSR 20-3.060 that allows use of other technologies when engineering reports show a system will perform adequately to protect health and the environment.

The State of Missouri does not recognize management programs/contracts or management districts to monitor and maintain onsite systems or individual septic dispersal systems. Although not required by code, maintenance/management contracts are sometimes required as a condition for variance approval. The State does not have any plans to develop such maintenance/management programs within the next year. For information on existing management programs currently in operation, please contact:

Mr. David Casselleto
Ozark Clean Water Co.
PO Box 606
2 Kissee Ave
Kimberling City, **Missouri** 65686
(417) 739-4100
(417) 739-9889 (fax)
ocwc@lvbw.net

Onsite professionals are required to be certified in the State of Missouri. Those certifications that are required are for: installers, soil evaluators, private onsite system inspectors (time of sale), and percolation testers. These certifications are renewable every three years. In the State of Missouri, a site/soil evaluation must be done by a registered percolation tester or onsite soil evaluator. In addition, the local administrative authority (DHSS in a few counties) must evaluate the site and the system layout before a construction permit is issued. A percentage of completed systems are inspected by the same authority. If an inspection is requested by the homeowner, except for inspections of permitted construction or repairs, licensed private individuals conduct system inspections, generally related to real estate sales. The licensed individual sets inspection fees. In the State of Missouri, a percolation test or soil characterization for the site evaluation is required. Soil Morphology evaluations are preferred. Registered individuals describe one or more soil profiles and evaluate the area including: topography and landscape position, texture, structure, drainage, thickness, restrictive horizons and available space. The suitability of the site/soil is classified for a conventional onsite system. Conventional and alternative system soil loading rates are assigned by horizon. The use of percolation tests is discouraged. Efforts have been made to phase out the use of percolation tests, and they are not accepted in some counties.

In the State of Missouri, 103 of 114 counties and a few municipalities issue permits at the local level. The state directly permits systems in the other 11 counties and tracks permits that are issued in 52 of 114 counties. The local authority is subject to change. Different permits are not required for alternative/experimental/innovative technologies within the State. The State does not keep track of the number of permits issued state wide for:

- New construction
- Repair of existing system
- Upgrade or modification

To obtain additional information please contact Mr. Gaughn at the address listed above.

The State does not currently offer any funding or financing options for individual homeowners. A financial assistance program is being piloted by the Missouri Department of Natural Resources (DNR), in conjunction with the State Revolving Fund (SRF). Pilot projects to provide this type of funding have been discussed; however, currently none have been implemented. For more information, contact:

Ms. Carrie M. Schulte
Chief Coordinator, Nonpoint Source Pollution Prevention Loans
Missouri Department of Natural Resources
PO Box 176
Jefferson City, **Missouri** 65102-0176
(573) 526-8403
(573) 751-9396 (fax)
nrschuc@mail.dnr.state.mo.us

There are onsite wastewater demonstration, research, and testing programs ongoing in the state. For more information on: Installer Registration Courses, Onsite Wastewater System Inspectors/Evaluators, Continuing Education Units for onsite professionals, please contact:

Environmental Regulation and Licensure Unit
930 Wildwood
PO Box 570
Jefferson City, **Missouri** 65102
(537) 751-6095
(573) 526-7377 (fax)

Ms. Janet Murray
Missouri Small flows Organization
930 Wildwood
PO Box 570
Jefferson City, **Missouri** 65102
(537) 751-6095
(573) 526-7377 (fax)

For information on Table Rock Lake National Community Onsite Wastewater Demonstration Project, contact:

Mr. John Murphy
Senior Project Engineer
Community Environmental Center
Washington University Campus Box 1150
St. Louis, **Missouri** 63130
(314) 935-5157
jmurphy@wustl.edu