

**INDIVIDUAL SEWAGE TREATMENT STANDARDS FOR DOUGLAS COUNTY
 LAND AND RESOURCE MANAGEMENT DEPARTMENT
 305 8TH AVENUE WEST, ALEXANDRIA, MN 56308
 PHONE: (320) 762-3863**

The objective of these standards is to provide adequate and safe methods of sewage treatment and to prevent the contamination of lakes, streams or existing or future water supply by any existing or future system.

No person, firm, or corporation shall engage in the business of installing and constructing sewage treatment systems within Douglas County without first obtaining a license to carry on such occupation from the State of Minnesota.

Note: A Douglas County license is required for any excavation/landscaping work other than ISTS installation.

No person, firm, or corporation shall install, alter or extend individual sewage treatment systems in the County without first obtaining a permit for the specific installation, alteration or extension and at the time of applying for said permit shall pay a fee of: Sewer Disposal Permits \$200.00; Cluster Systems \$500.00; Class V Injection Well or Systems with more than 9 bedrooms \$500.00.

No part of the sewage treatment system shall be covered until it has been inspected and accepted by the Land and Resource Management department. A copy of a perc test must be submitted to Land and Resource Management before an inspection can be scheduled. It shall be the responsibility of the installer of the system to notify the Land and Resource Management department not less than twenty-four (24) hours before the job is ready for inspection.

SIZE REQUIREMENTS

<u>Number of Bedrooms</u>	<u>Minimum Liquid Capacity</u>	<u>Liquid Capacity with Garbage Disposal</u>	<u>Soil Treatment Area*</u>
4 or less	1,000 Gallons	1,500 Gallons	Based upon number of bedrooms and percolation test** performed on the soil.
5 or 6	1,500 Gallons	2,250 Gallons	
7, 8 or 9	2,000 Gallons	3,000 Gallons	

*If seepage beds are installed for soil treatment they are to be sized 1.5 times the normal requirements.

**Percolation tests indicate the soil's ability to absorb water.

SEPARATION REQUIREMENTS

<u>Item</u>	<u>Septic Tank</u>	<u>Soil Treatment Area</u>
Water supply well with less than 50 feet of casing and not encountering 10 feet of impervious material***	50 feet	100 feet
Water supply well with more than 50 feet of casing and encountering at least 10 feet of impervious material***	50 feet	50 feet
Buried water suction pipe***	50 feet	50 feet
Building	10 feet	20 feet
Streams, lakes or other bodies of water: GDS	75 feet	75 feet
..... RDS	75 feet	75 feet
..... NES	150 feet	150 feet
Property lines or buried pipe distributing water under pressure	10 feet	10 feet
Minimum vertical distance from bottom of soil treatment system to any restricting layer (water table, soil mottling).....	---	3 feet

*** Any sewer line 20 to 50 feet from a water supply well must be air tested at 5 pounds for 15 minutes and have utility pipe schedule meeting State guidelines. No sewer line may be placed closer than 20 feet from a water supply well without variance approval from Minnesota Department of Health.