



Subsurface Sewage Treatment Systems

Minor Rule Changes

Effective January 20, 2014

Minnesota Rules Chapters 7080 to 7083 have undergone minor rule changes for clarity. The changes were not intended to change any standards or procedures. The changes become effective on **January 20, 2014**. Due to the small number of changes, it is suggested that each user of the rules make handwritten changes to their purple copy of the rules. If confused about the changes you can contact a Minnesota Pollution Control Agency Subsurface Sewage Treatment Systems (SSTS) staff member or check the final revised rule language at: <https://www.revisor.mn.gov/rules/?agency=167>. The changes to the rules are as follows:

7080.2050 DISTRIBUTION OF EFFLUENT.

Subp. 3. Gravity distribution.

D. Distribution boxes must meet the standards in sub items (1) to (6).

(6) When sewage tank effluent is delivered by pump, a baffle wall must be installed in the distribution box or the pump discharge must be directed against a wall, baffle, side of the box on which there is no outlet, or directed against a deflection wall, baffle, or other energy dissipater. The baffle must be secured to the box and extend at least one inch above the crown of the inlet pipe. The discharge rate into the ~~drop~~ drop distribution box must not result in surfacing of sewage from the ~~drop~~ box. Pressure must not build up in the box during pump discharge.

7080.2150 FINAL TREATMENT AND DISPERSAL.

TABLE IX

LOADING RATES FOR DETERMINING BOTTOM ABSORPTION AREA AND ABSORPTION RATIOS USING DETAILED SOIL DESCRIPTIONS *

		Treatment Level C	Treatment Level C	Treatment Level A, A-2, B, B-2	Treatment Level A, A-2, B, B-2
		Absorption area loading rate (gpd/ft ²)	Mound absorption ratio	Absorption area loading rate (gpd/ft ²)	Mound absorption ratio***
USDA soil texture	Soil structure and grade				
Fine sand, very fine sand, loamy fine sand, loamy very fine sand, >35% <35% rock fragments	Single grain, granular, blocky, or prismatic structure; weak grade	0.6	2.0	1.0	1.6

*Only includes soil horizons with <50% rock fragments, with Proposed absorption areas must meet item L and must have very friable and friable consistence, and or loose noncemented sands. Soil horizons with >50% rock fragments must not come in contact with soil dispersal system media.

7080.2450 MAINTENANCE.

Subp. 6. **Septage disposal.** Septage or any waste mixed with septage must be disposed of in accordance with state, federal, ~~or~~ and local requirements for septage and other wastes. If septage is disposed of into a sewage or septage treatment facility, a written agreement must be provided between the accepting facility and the maintenance business.

7081.0020 DEFINITIONS.

Subp. 2. ~~Capillary fringe.~~

~~"Capillary fringe" means the soil layer directly above a saturated layer in which the pore spaces are nearly filled with water as water is drawn upward due to adhesive and cohesive forces.~~

Subp. ~~5~~ **6. Other establishment.** "Other establishment" means any public or private structure other than a dwelling that generates sewage that discharges to an ~~MSTS~~ SSTS.

Subparts 3 through 8 will be renumbered due to the loss of subpart 2.

7081.0150 NECESSITY OF SOIL AND SITE EVALUATIONS.

Soil and site evaluations must be conducted for MSTS design. The evaluations must be conducted according to parts 7081.0160 ~~and to~~ 7081.0200. Evaluations must identify and delineate an initial and replacement soil treatment and dispersal area with appropriate system site boundaries.

7081.0270 FINAL TREATMENT AND DISPERSAL.

Subp. 5. Soil absorption area sizing.

B. If the absorption area receives ~~septic tank or treatment level C~~ effluent as described in ~~item A, subitem (1) part 7083.4030,~~ the absorption area shall be increased by 50 percent of the amount derived in item A, subitem (1), and zoned for dosing and resting.

7081.0280 CONSTRUCTION REQUIREMENTS.

B. The ~~MSTS~~ advanced designer must observe critical periods of system construction. The designer shall prepare a report of observed construction activities and submit the report to the local unit of government prior to final inspection.

7082.0040 REGULATORY ADMINISTRATION RESPONSIBILITY.

Subp. 4. **Required fiscal and physical capacity for local programs.** All local governments that administer SSTS programs must have:

A. adequate personnel to properly conduct SSTS technical and administrative functions. All local governments that administer SSTS programs must have:

(1) at least one certified inspector as described in ~~part 7083.1010, subpart 2~~ 7083.1020, subpart 1, item C, who is employed by the local unit of government or a contracted licensed SSTS inspection business. Multiple local units of government are allowed to contract for services with the same certified inspector; and

7083.1060 CONTINUING EDUCATION.

Subpart 1. **Renewal requirements.**

B. An individual with a maintainer certification must complete 12 hours of continuing education related in general to SSTS or nine hours of continuing education specifically related to SSTS maintenance or land application of septage every three years. ~~A maintainer whose gross annual revenue from pumping systems is \$9,000 or less and whose gross revenue from pumping systems during the year ending May 11, 1994, was at least \$1,000 is not subject to the continuing education requirements.~~