

APPLICATION FOR SEWAGE DISPOSAL SYSTEM

Dickinson County Board of Health

DATE _____

NAME OF APPLICANT _____

ADDRESS & TELEPHONE # _____

NAME OF OWNER (IF NOT APPLICANT) _____

ADDRESS OF OWNER _____

LOT DESCRIPTION Quarter _____ Section _____ Twp. _____ N. Range _____ W.

OTHER DESCRIPTION _____

NUMBER OF BEDROOMS _____ GARBAGE DISPOSAL _____

WATER SOFTENER _____ WHIRLPOOL BATH _____

NAME OF CONTRACTOR _____

PLEASE ATTACH A DIAGRAM OF SEWAGE DISPOSAL SYSTEM: Include distances from various waters, structures, and lines as shown in Table I, page 5 of Chapter 69 of the Iowa State Regulations for on-site wastewater treatment and sewage disposal systems. This includes distances from sewage and water systems on adjoining lots also.

PERCOLATION REPORT

DATE _____ MINUTES PER INCH _____ BY WHOM _____
Signature

All construction shall conform with the Iowa State On-Site Wastewater Treatment and Disposal Systems Chapter 69 and City laws regulating such construction. DO NOT BEGIN INSTALLATION UNTIL PERMIT IS APPROVED. CLOSE NO CONSTRUCTION UNTIL INSPECTED AND FINAL APPROVAL IS GIVEN BY SANITARIAN.

Fee of \$25.00 attached hereto, payable to Dickinson County Treasurer.

APPLICANT _____ DATE _____

CONSTRUCTION COMPLETED _____ SANITARIAN _____

HAVE THIS APPLICATION AVAILABLE TO SANITARIAN FOR FINAL APPROVAL OF CONSTRUCTION. BE SURE APPLICATION IS COMPLETELY FILLED OUT AND A DIAGRAM ENCLOSED OR PERMIT CANNOT BE APPROVED.

Minimum Requirements: _____ gal. Septic Tank

_____ lineal feet of Drainfield

_____ Distribution Box

Percolation Test Procedure

A percolation test must be performed to determine the sizing of the absorption field.

- 1) A minimum of three test holes distributed evenly over the proposed absorption field is required.
- 2) Percolation test holes shall be 4 to 12 inches in diameter and to the same depth as the proposed absorption trenches (not to exceed 36 inches in depth). Holes can be bored with a 4 inch diameter posthole auger.
- 3) Sides and bottoms of the test holes shall be scratched or roughened to provide a natural surface. All loose material shall be removed from each hole.
- 4) The bottoms of the test holes shall be covered with approximately 2 inches of rock to protect the bottom from scouring action when the water is added.
- 5) Fill the test holes with clear water. Keep water in the hole for several hours or preferably overnight to imitate the condition of the soil during the wettest season of the year.
- 6) In sandy soils with little or no clay, soaking is not necessary. If, after filling the hole twice with 12 inches of water, the water seeps completely away in less than 10 minutes, the test can proceed immediately.
- 7) Percolation rate measurements should be made as follows:
 - A. Pour enough water in the test hole to measure at least 6 inches.
 - B. Record time required for the 6 inches to soak away.
 - C. Divide the recorded time by the number of inches soaked away to obtain the average time for the water to fall 1 inch.
 - D. To determine the percolation rate for the area, the rates obtained from each hole are averaged.