Iowa Department of Natural Resources
Wastewater Section
Construction Permit Application
SCHEDULE J, Septic Tank System

DNR USE ONLY
Project No. _____
Permit No. _____

Date Prepared _____ Date Revised _____	Project Identity

1. Design Basis AWW
   - Flow, GPD _____
   - BOD_5, #/day _____
   - Type of wastes _____
2. Reasons for use of the system
   - Is there an existing sewer system available? ☐ Yes ☐ No
   - If no, when will one be available? _____
   - If yes, explain why connection to the system is not made:
3. Septic Tank
   - Tank size _____ ft. x _____ ft. x _____ ft.
   - Effective volume _____ cu. ft. = _____ gal.
   - Number of tanks _____
   - Total volume _____ gal. Total retention time _____ hrs.
   - Material _____ Wall thickness _____ in.
4. Percolation Tests (Please provide map and data)
   - Number of test locations _____
   - Average percolation rate t = _____ min/in. 5/(square root of t) = _____
5. Absorption Field
   - Minimum distance to:
     - a. Water supply well _____
     - b. Stream or watercourse _____
     - c. Property lines _____
     - d. High water table _____
   - Number of trenches _____ Distance between trenches _____
   - Trench width _____ ft. Length _____ ft. (each) Total area _____ ft^2
   - AWW Flow _____ GPD ÷ Total area _____ ft^2 = _____ GPD/ft^2
   - Distribution pipe material _____ Diameter _____ in.
   - Depth of:
     - a. Water supply well _____
     - b. Stream or watercourse _____
     - c. Property lines _____
     - d. High water table _____
     - a. Water supply well
   - Dosing tank provided? ☐ Yes ☐ No Distribution box provided? ☐ Yes ☐ No
4. Is service bypass provided? ☐ Yes ☐ No Discharge to _____