



Iowa Department of Natural Resources
Wastewater Section
Construction Permit Application

SCHEDULE Z, Wastewater Treatment and Disposal Systems Site Selection

DNR USE ONLY
Project No. _____
Permit No. _____

Date Prepared _____	Project Identity
Date Revised _____	

- Site survey conducted by: _____
- Professional site survey information included Yes No
- Project Location County: _____ Section: _____ Township: _____ Range: _____
Is this a: New Site Existing Site Expansion of Existing Site
- Provide the following as attachments (minimum two copies each):
 - General play layout of area within a five miles radius of the project location, noting all important features (USGS map may be used).
 - Site layout within a 1,500 foot radius of the proposed project site with a scale of 1 inch equal to 200 feet, noting proposed site. Note site and all features listed in:
 - Subrule 567 IAC 64.2(3): for Wastewater Treatment and Storage Facility sites.
 - Iowa Wastewater Design Standards Chapter 21: for Wastewater Land Application sites.
- Does the project lie in a flood plain? Yes No
Elevation of 100 year flood (MSL): _____ Elevation of 25 year flood (MSL): _____
- Minimum depth to high water table: _____
- Describe geology of area: _____
- Describe soil conditions: _____
- State the minimum distances and directions from project site to:
 - Public shallow wells _____
 - Public deep wells _____
 - Private wells _____
 - Inhabitable residences, commercial buildings, or other inhabitable structures _____
 - Lakes and public impoundments _____
 - Property lines and public road rights-of-way _____
 - Flowing stream _____
 - Public lake or impoundment used as potable water source _____
 - Other _____
- Where any of the separation distance criteria of Subrule 567 IAC 64.2(3) and/or Iowa Wastewater Design Standards Chapter 21 will not be met, state the basis for requesting site approval (e.g. a written agreement with the owner of the inhabitable building has been obtained).

- Will warning signs be provided at 500 foot maximum intervals for Land Application sites? Yes No
If no, explain: _____
- Direction of prevailing winds: _____
- Is land area available for expansion? Yes No If yes, how much? _____
Description of expansion area? _____ Property Owner: _____
- Will site be accessible via an all-weather access road? Yes No Type: _____

Complete separate Schedule Z for each separate project site.

Instructions for Schedule Z

1. Identify who will conduct site survey- IDNR field office or Professional Land Surveyor and company name.
2. Include survey report with full legal description.
3. Site location and type.
4. Important features which include public shallow wells, public deep wells, private wells, inhabitable residences, commercial buildings, or other inhabitable structures, lakes, public impoundments, and other public use or recreation areas, property lines, and rights-of-way, and any other feature affected by the water quality shall be included on the 1500 foot radius site layout.
5. Self-explanatory.
6. Indicate minimum depth to typical wet weather groundwater level.
7. Description of landforms and geologic features of the site. Include depth to bedrock, presence of impermeable layers, and land slope at site.
8. List dominant soil type, hydrologic class, saturated conductivity, and salinity classification in accordance with Iowa Wastewater Design Standards Chapter 21.1.3.
9. State minimum distances from site to features within a 1,500 foot radius.
10. See subrule 567 IAC 64.2(3) of the Iowa Administrative Code and/or Iowa Wastewater Design Standards Chapter 21 for the required separation distances. When the separation distances in the referenced rules cannot be maintained for the expansion, upgrading or replacement of existing wastewater treatment and storage facilities, the separation distances shall be maintained at no less than 90 percent of the existing separation distance on the site, providing no data is available indicating that a problem has existed or will be created. If requesting the 90 percent exception, the proposed separation distance from each potentially affected item or structure shall be identified on Schedule Z or an attachment to the form.

The 90 percent exception criteria does not apply to new treatment plants at a new site.

11. Self-explanatory.
12. Self-explanatory.
13. Self-explanatory.
14. Self-explanatory.