

Land Application Site Survey Report

Identify all attached documents. (Add additional pages as necessary.)

ENGINEER CERTIFICATION:

I hereby certify that this Engineering Document was prepared by me or under my direct personal supervision and that I am a duly Licensed Professional Engineer under the Laws of the State of Iowa.

Name, P.E.

Date

License Number _____

My License Renewal Date is _____

Pages covered by this seal:



Iowa Department of Natural Resources
Wastewater Section

Site Survey Report

DNR USE ONLY

Project No. _____

Permit No. _____

Project Identity: _____ NPDES Permit #: _____

Survey Date: _____ DNR Field Office: _____

Applicant: _____ Engineer: _____

Representative: _____ Survey Conducted By: _____

Project Type: Wastewater Treatment and Storage Facility Site - Iowa Administrative Code, Subrule 567-64.2

Land Application Site - Iowa Wastewater Design Standards Chapter 21

General Description

Describe the site(s) and purpose of the survey. Include a full legal description of the site(s).

Siting Requirements

Indicate if the proposed site meets the required siting criteria listed below. Provide further explanation as necessary.

**Wastewater Treatment and Storage Facility Site:
Iowa Administrative Code 567 – Chapter 64.2 (455B)**

Feature	Distance (ft.)	Meets separation distance?		
		Yes	No	Not Applicable
Inhabitable residence, commercial building, or other inhabitable structure	1000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Public shallow wells	1000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Public deep wells	400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Private wells	400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lakes and public impoundments	400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Property lines and rights of way	25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Land Application Site:
Iowa Wastewater Facilities Design Standards Chapter 21**

Feature	Distance (ft.)	Meets separation distance?		
		Yes	No	Not Applicable
Existing dwellings or public use areas	300	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Property lines	50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Existing potable water supplies	400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Any structure, continuous flowing stream or other physiographic feature that may provide direct contact between the ground water table and the surface	300	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The slope at the site(s) is less than 5%.

If the slope at the site(s) is greater than 5%, a runoff control plan must be submitted to the local Soil Conservation District for approval.

Site Maps

- Maps shall include and identify all features within a 1,500 foot radius of the site.
 - Indicate feature type
 - Distance from site to each feature must be indicated on map
- Aerial imagery basemap is preferred
- Map must be to scale and include valid scale bar
- Include further details as necessary.

Conclusions

Indicate if the site meets all criteria outlined in the relevant design standards for facility type and explain any extenuating circumstances:

- **Land Application Site - Iowa Wastewater Design Standards Chapter 21**
- **Wastewater Treatment and Storage Facility Site - Iowa Administrative Code, Subrule 567-64.2**

- 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.

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