



Iowa Department of Natural Resources
Wastewater Section
Construction Permit Application
SCHEDULE F, Treatment Project Site Selection, Exhibit 11B

DNR USE ONLY

Project No. _____

Permit No. _____

Date Prepared _____ Date Revised _____	Project Identity _____ _____
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1. Project Location: County _____ Section _____ Township _____ Range _____
Is this a: ☐ New Site ☐ Existing Site ☐ Expansion of Existing Site

2. Provide the following as attachments:
a) General plat layout of area within a five mile radius of proposed treatment works, noting all important features (USGS map may be used).
b) Site layout of area within a 1,500 foot radius of the proposed treatment works with a scale of 1 inch equal to 200 feet, noting proposed treatment works, existing treatment works and all features listed in Subrule 567 IAC 64.2(3): inhabitable residences, commercial buildings, inhabitable structures, public shallow wells, public deep wells, private wells, lakes and public impoundments, property lines and rights-of-way, etc. The radius distance from lagoons shall be measured from the water surface.

3. Does the project lie in a floodplain? ☐ Yes ☐ No
Elevation of 100 year flood (MSL): _____ Elevation of 25 year flood (MSL): _____
Will the treatment works structures, including the electrical and mechanical equipment, be protected from physical damage by the 100-year flood? ☐ Yes ☐ No
Will the plant remain operational during the 25 year flood? ☐ Yes ☐ No
Method of flood protection: _____

4. Minimum distance to high water table: _____

5. Describe geology of area: _____

6. Describe soil conditions: _____

7. State the minimum distances and directions from proposed treatment works to:
a) Public shallow wells _____ e) Lakes and public impoundments _____
b) Public deep wells _____ f) Property lines and rights-of-way _____
c) Private wells _____ g) Other _____
d) Inhabitable residences, commercial buildings, or other inhabitable structures _____

8. Where any of the separation distance criteria of Subrule 567 IAC 64.2(3) 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, the proposed separation distance is at least 90% of the existing separation distance and a problem has not existed or will be created, etc.)

9. Direction of the prevailing winds: _____

10. Sulfate content of the raw water supply source: _____ mg/L. Identify source: _____

11. Is this area available for expansion? ☐ Yes ☐ No If yes, how much? _____
Location of area: _____ Identify owner of property: _____

12. Will site be accessible via an all-weather access road? ☐ Yes ☐ No Type: _____

13. Source of STP water supply: Maintenance/Cleanup _____ Potable? ☐ Yes ☐ No
Laboratory/Sanitary _____ Potable? ☐ Yes ☐ No
_____ Potable? ☐ Yes ☐ No

14. Receiving Stream: _____ tributary to: _____
7-day 10-year Low Flow: _____ cfs. Source of stream flow data: _____
Drainage area above site: _____ square miles
Is stream: ☐ intermittent ☐ continuous flow (perennial)
Describe use designation of receiving stream: _____

Instructions for Schedule F

1. Identify the project and location.
2. 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.

Site layout shall indicate final proposed layout (location) of all proposed treatment works.

3. Completely describe any adverse impact on the treatment facility caused by high water.
4. Indicate minimum distance to typical wet weather groundwater level.
5. Self-explanatory.
6. Self-explanatory.
7. See subrule 567 IAC 64.2(3) of the Iowa Administrative Code for the required separation distances. When the separation distances in the referenced subrule cannot be maintained for the expansion, upgrading or replacement of existing 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 F or an attachment to the form.

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

8. Self-explanatory.
9. Self-explanatory.
10. Self-explanatory.
11. Self-explanatory.
12. Self-explanatory.
13. Self-explanatory.
14. Self-explanatory.

NOTE: Complete a separate Schedule F for each separate project site.