



IOWA DEPARTMENT OF NATURAL RESOURCES  
 WATER SUPPLY ENGINEERING SECTION  
**CONSTRUCTION PERMIT APPLICATION**  
 SCHEDULE-4, Site Approval

Date Prepared  _____	Project Name/Description
Date Revised  _____	

1. Location: #1 \_\_\_\_\_ 1/4 of \_\_\_\_\_ Section; \_\_\_\_\_ Township; \_\_\_\_\_ Range; \_\_\_\_\_ County  
 #2 \_\_\_\_\_ 1/4 of \_\_\_\_\_ Section; \_\_\_\_\_ Township; \_\_\_\_\_ Range; \_\_\_\_\_ County  
 #3 \_\_\_\_\_ 1/4 of \_\_\_\_\_ Section; \_\_\_\_\_ Township; \_\_\_\_\_ Range; \_\_\_\_\_ County

2. Briefly describe the following potential sources of contamination and state the distance and direction from the proposed facility:
- (a) Sewers: \_\_\_\_\_
  - (b) Waste Water Treatment or Disposal Facilities: \_\_\_\_\_
  - (c) Wastewater Discharges: \_\_\_\_\_
  - (d) Chemical and Mineral Storage Handling and Transmission Facilities: \_\_\_\_\_
  - (e) Chemical Applications on Land: \_\_\_\_\_
  - (f) Solid Waste Disposal Sites: \_\_\_\_\_
  - (g) Cemeteries: \_\_\_\_\_
  - (h) Animal Confinement Facilities: \_\_\_\_\_
  - (i) Other: \_\_\_\_\_

**Well Site**

1. Provide as an attachment, a plat or aerial photo (minimum scale 1" = 200') showing all potential sources of contamination within a 1,000 foot radius of the well as well as the surface drainage characteristics of the site (contours at 5' or less intervals are preferred).
2. Has the withdrawal of water from this well been approved by the Department?  Yes  No  
**If no, explain:** \_\_\_\_\_
3. Name of aquifer: \_\_\_\_\_
4. Type of overburden: \_\_\_\_\_
5. Will this well have a continuous layer of low permeability soil or rock at least five feet thick located at least 25 feet below the normal ground surface and above the aquifer from which water is to be drawn?  Yes  No
6. Is the site subject to flooding?  Yes  No
7. How does the owner of the facility plan to control the use of land within 200 feet of the well?  
 \_\_\_\_\_

**Surface Water Site**

1. Provide, as an attachment, a detailed plat (minimum scale 1" = 660') showing all potential sources of contamination within 2,500 feet of the shoreline. Continue the plat six miles upstream from the proposed intake structure for river supply projects. In addition, provide information on any facility within the entire watershed that might have a significant negative impact on water quality.
2. How does the owner of the facility plan to control the use of land within the watershed within 400 feet of the shoreline?  
 \_\_\_\_\_
3. Provide seasonal information concerning microbiological, physical, chemical, and radiological characteristics of the water.  
 Are all contaminants which exceed standards treatable?  Yes  No
4. Has this withdrawal or storage of water been approved by the Department?  Yes  No  
**If no, explain:** \_\_\_\_\_

Below Ground-Level Storage Reservoir Site

- Provide as an attachment, a plat (minimum scale 1" = 50') showing all potential sources of contamination within a 200 foot radius of the reservoir.
1. \_\_\_\_\_