



# Illinois Environmental Protection Agency

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## SCHEDULE C-II WELL COMPLETION

This form must be submitted after Schedule C-I has been approved by the Agency. Provide information from Schedule C-I for this project. This information should be taken off of the Schedule C-I Well Construction Application. Note: If you have not completed and submitted Schedule C-I to the Illinois EPA, do not fill out Schedule C-II.

Name of Community Water Supply: \_\_\_\_\_ ID# IL \_\_\_\_\_

Project Title: \_\_\_\_\_

Has application previously been submitted for a permit to drill only (C-I Well Construction)?  Yes  No

If Yes: Provide: permit number: \_\_\_\_\_ (If no, complete Schedule C-1 first)  
permit date: \_\_\_\_\_  
Local Well Number: \_\_\_\_\_  
Five-digit well number

Is the subject well located as indicated on C-I Permit?  Yes  No

If no, explain:

### I. Well Construction Details

a) Well Pump: Manufacturer: \_\_\_\_\_  
Type: \_\_\_\_\_ Capacity (GPM) \_\_\_\_\_  
Head Rating (ft) \_\_\_\_\_ TDH at pump discharge Depth of pump setting (ft) \_\_\_\_\_ Below top of casing

\* Submit a driller's and/or correlated log of the completed well.

b) Column Pipe: Diameter (in.) \_\_\_\_\_ Length (ft) \_\_\_\_\_  
Type of pipe material: \_\_\_\_\_  
Joint \_\_\_\_\_  
c) Discharge Pipe: Diameter (in.) \_\_\_\_\_ Depth of Cover (ft) \_\_\_\_\_  
Type of pipe material: \_\_\_\_\_  
Type of valve provided: \_\_\_\_\_

d) Casing Vent: Size: \_\_\_\_\_  
e) Air Lines: Length (ft) \_\_\_\_\_ Extends from \_\_\_\_\_ inches  
\_\_\_\_\_ (ft) below casing top

f) Identify the location of the raw water sample tap (plan sheet acceptable)

g) Describe how the casing is sealed

**The well shall be disinfected in accordance with ANSI/AWWA C654. Following disinfection, a minimum of two bacteriological samples are to be taken at least 24 hours apart.**

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

h) Is access to the well site available for use by heavy trucks and equipment?  Yes  No

Describe the access road:

## II. Well Hydraulics and Aquifer Property Data

Method to Determine Aquifer Property Data

- Estimated (based on nearby well aquifer properties or published data)
- Measured (based on aquifer test from this well)

a. For all wells

Top of Casing Elevation: \_\_\_\_\_ Ft

Static Water Level (ft): \_\_\_\_\_ Below top of casing

Specific Capacity: \_\_\_\_\_ GPM per Ft. of drawdown

Pumping Water Level (ft.): \_\_\_\_\_ Below top of casing

Lateral Radius of Influence (ft.): \_\_\_\_\_ Horizontal measurement from center of well

Transmissivity \_\_\_\_\_ GPD per ft. of drawdown

b. *(Required for Unconfined/Unconsolidated Aquifers Only)*

Hydraulic Conductivity (k): \_\_\_\_\_ GPD per Ft.<sup>2</sup> or ft/day

Gradient: \_\_\_\_\_ ft./ft.

Gradient Compass Direction  
(Clockwise from North): \_\_\_\_\_ "degrees"

Method used to estimate or determine the groundwater flow direction: \_\_\_\_\_