



Iroquois County Public Health Department

Geothermal Well Program Procedure

I. Purpose:

To protect the health of the public by ensuring that geothermal wells are constructed and maintained according to state and local regulations.

II. Policy:

Issue permits to install geothermal wells on properties located in Iroquois County in accordance with state and local requirements, and educate the public about water well construction and safety issues associated with private wells.

III. Procedure:

1. When the Iroquois County Public Health Department is notified that a new geothermal well may be constructed, the following information will be made available to the client:
 - a. Application for Permit to Construct or Deepen a Potable Water Well/ geothermal well
2. After receipt of a completed application, the permit fee of \$100, and the inspection fee of \$150, the health authority will review the application for approval. If the application cannot be approved, the applicant will be notified of the problem by mail or phone and told to complete the application and resubmit it.
3. Update the electronic well permit application log and create appropriate folder.
4. Prepare well construction report log and/or well sealing log as applicable.
5. The copy of the application will be mailed to the geothermal contractor. The property owner will receive a letter of application approval.
6. The original application and the Iroquois County Public Health Department well inspection report will be placed in the Incomplete Wells file basket.
7. The geothermal contractor shall give the Iroquois County Public Health Department 24 hour notice prior to starting the geothermal well so that the health authority may go to the site and inspect the well.

Adoption	Revisions	Review	Rescind
07-01-2014	12-17-2018	11-19-2019 8-3-2020 6-28-2021	



Iroquois County Public Health Department

Geothermal Well Program Procedure

8. During a geothermal well inspection, the health authority will note the distances from the geothermal well to:
 - a. Existing well
 - b. Septic tank
 - c. Seepage field
 - d. Bodies of water
 - e. Abandoned wells
 - f. Other sources of contamination

The health authority will also note any old wells, sealed wells, and any other unidentified objects in the ground.

9. The geothermal well will be constructed according to the Illinois Water Well Construction Code.
10. The completed inspection report shall be filed in the No Log file basket. The geothermal well log should be received within in 30 days. If the log is not received, the health authority will generate a letter to the contractor with notification of the problem.
11. After the Iroquois Country Public Health Department receives the log, the owner will be sent a copy of their completed file. The original geothermal well log will be mailed to:

Illinois Water Survey
2204 Griffith Drive
Champaign, Illinois 61820

12. The completed well file will be entered in the computer and filed chronologically by permit number.

Adoption	Revisions	Review	Rescind
07-01-2014	12-17-2018	11-19-2019 8-3-2020 6-28-2021	