

ORDINANCE

WATER WELL PERMIT AND WATER SUPPLY

Preamble

This ordinance is established to eliminate disease transmission and chemical poisons through provision of a safe, potable, adequate supply of water for drinking, culinary and sanitary purposes for every individual within the health jurisdiction.

DEFINITIONS

County Health Department means the McDonough County Health Department.

Public Water System means a system for the provision to the public of piped water for human consumption, if the system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days per year. The term Public Water System includes any collection, treatment, storage and distribution facilities under control of the operator of such system and used primarily in connection with such systems and any collection or pretreatment storage facilities not under such control which are used primarily in connection with such systems.

Community Water System means a public water system which serves at least 15 service connections used by residents or regularly serves at least 25 residents at least 60 days a year.

Non-Community Water System means a public water system that is not a community water system, that has at least 15 service connections used by non-residents, or regularly serves 25 or more non-resident individuals daily for at least 60 days a year.

Semi-Private Water System means a water supply which is not a public water system, yet which serves a segment of the public other than an owner-occupied single family dwelling.

Water Well means any excavation that is drilled, cored, bored, driven, dug or otherwise constructed for the division, artificial recharge or acquisition of groundwater, but does not include wells for the purpose of obtaining or prospecting for oil, natural gas, minerals or products of mining or quarry or for inserting media to repressure oil or natural gas bearing formations or for storing petroleum products, or monitoring wells.

SECTION I PUBLIC WATER SUPPLY USE

In those locations where a public water supply is reasonably available, that supply should be the sole source of water for drinking and culinary purposes.

SECTION II
WATER SUPPLY LOCATION, CONSTRUCTION, AND REPAIR

- A. Water Wells. Except as otherwise herein provided, the location, construction, repair and disinfection of water wells, and the installation of water well pumps, shall be in accordance with the requirements set forth by the Illinois Department of Public Health Illinois Water Well Construction Code (77 Ill. Adm. Code 920) and Illinois Water Well Pump Installation Code (77 Ill. Adm. Code 925), which are hereby made part of this ordinance by reference. Copies of said Regulations shall be available at the County Health Department office. Wells that are abandoned shall be sealed in a manner prescribed by the Illinois Water Well Construction Code.

- B. Surface Water Supplies. All water systems which receive their source of water from ponds, lakes, streams, rivers or other surface collectors of water shall be designed, constructed, and operated in accordance with the Illinois Department of Public Health Surface Source Water Treatment Code (77 Ill. Adm. Code 930).

- C. Cisterns. Cisterns shall not be used for a water supply except where adequate groundwater resources are not available. Cistern water and surface water supplies shall receive treatment in accordance with the Illinois Department of Public Health Surface Source Water Treatment Code (77 Ill. Adm. Code 930).

SECTION III
DISINFECTION AND ANALYSIS

Owners of newly constructed wells or other types of water supplies which supply a semi-private water system shall have the water from their semi-private water supply analyzed and approved by either the laboratory of the Illinois Department of Public Health or a laboratory approved by the Illinois Department of Public Health before the well or other water supply is placed into service. A copy of the analysis shall be filed with the County Health Department. The water obtained from a surface supply shall meet the nitrate, turbidity, and bacteriological requirements contained in Sections 900.50, 900.60 and 900.70 of the Illinois Department of Public Health Drinking Water Systems Code (77 Ill. Adm. Code 900), and the water obtained from a well shall meet the nitrate and bacteriological requirements of Section 900.50 and 900.70 of the Drinking Water Systems Code.

SECTION IV
EXEMPTIONS

The requirement for permit in this ordinance shall not be applicable to wells intended to serve a community public water supply system, and to monitoring wells.

**SECTION V
STORAGE AND WATER LINES**

A minimum storage capacity excluding the water heater of gallons for each residence served, maintained at a minimum pressure of 20 pounds per square inch, shall be provided. Systems serving more than 1 household shall be sized accordingly.

**SECTION VI
WATER WELL CONSTRUCTION PERMIT REQUIRED**

No water well shall be constructed or deepened within McDonough County in the State of Illinois, except in accordance with this ordinance and it shall be unlawful to proceed with the construction or deepening of a potable water well without first obtaining a Water Well Construction Permit from the McDonough County Health Department. All wells and pumps shall be maintained in a safe condition by the owner. Only a person who complies with the requirements of this ordinance shall be entitled to receive such a permit. The permit fee shall be \$100.00. Permit fees are not refundable. Permits are not transferable from one permit holder to another or from one location to another.

**SECTION VII
NON-COMMUNITY REGISTRATION PERMIT**

Non-Community Public Water Supply must obtain a Non-Community Registration Permit from the McDonough County Health Department. All Non-Community Public Water Supplies are subject to original surveys and upon satisfactory completion, are subject to surveys every 2 years. The Non-Community Registration Permit Fee shall be \$35.00 every 2 years for all Non-Community Registration Permits issued after January 1, 1991.

**SECTION VIII
APPLICATION FOR PERMIT**

Application for a Water Well Construction permit and/or Non-Community Registration Permit shall be in writing and in such form that shall be prescribed by the McDonough County Health Department.

**SECTION IX
NON-COMMUNITY WATER SAMPLE COLLECTION**

Routine water samples will be collected on a schedule as determined by the McDonough County Health Department. If the water analysis results indicate that the water contains coliform bacteria or high concentrations of nitrates on 2 consecutive samples, the Non-Community Public Water Supply shall post signs furnished by the McDonough County Health Department warning the public of the potential health risk.

**SECTION X
VIOLATIONS**

Any person violating any provision of this ordinance, upon conviction, shall be fined not less than one hundred dollars (\$100.00) nor more than one thousand dollars (\$1000.00). Each day the violation continues shall constitute a distinct and separate offense.

**SECTION XI
LICENSING OF WELL DRILLERS AND PUMP INSTALLERS**

All individuals who construct water well and install well pumps shall be licensed by the Illinois Department of Public Health in accordance with the Water Well and Pump Installation Contractor's License Act Chapter 111, Paragraph 7101 et seq. latest edition.

**SECTION XII
REPEAL AND DATE OF EFFECT**

All ordinances and parts of ordinances in conflict with this ordinance are hereby repealed, and these rules and regulations shall be in full force and effect immediately upon its adoption and publication as provided by law.

**SECTION XIII
UNCONSTITUTIONALITY CLAUSE**

Should any section, paragraph, sentence, clause or phrase of this ordinance be declared unconstitutional or invalid for any reason, the remainder of this ordinance shall not be affected thereby.

**SECTION XIV
EFFECTIVE DATE**

This ordinance shall be come effective after (12-19-1990).