



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Filed January 22, 1968  
8:50 am

DIVISION OF RESOURCE DEVELOPMENT  
MADISON, WISCONSIN 53702

RD 12

STATE OF WISCONSIN )  
DIVISION OF RESOURCE DEVELOPMENT ) SS  
DEPARTMENT OF NATURAL RESOURCES )

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETINGS:

I, Freeman Holmer, Administrator of the Division of Resource Development, and custodian of the official records of said division, do hereby certify that the annexed rules and regulations relating to well construction and pump installation were duly approved and adopted by this division on January 18, 1968.

I further certify that said copy has been compared by me with the original on file in this division and that the same is a true copy thereof, and of the whole of such original.

IN TESTIMONY WHEREOF, I have here-  
unto set my hand at the Capitol,  
in the city of Madison, this  
18th day of January A.D. 1968

*Freeman Holmer*

Freeman Holmer  
Administrator



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

DIVISION OF RESOURCE DEVELOPMENT  
MADISON, WISCONSIN 53702

ORDER OF THE DIVISION OF RESOURCE DEVELOPMENT  
DEPARTMENT OF NATURAL RESOURCES  
AMENDING RULES

Pursuant to authority vested in the Division of Resource Development, Department of Natural Resources, by Section 227.02 (1) (B) Wisconsin Statutes, the Division of Resource Development hereby amends rules as follows:

Section RD 12.02 (1) of the WISCONSIN ADMINISTRATIVE CODE is amended to read:

General. Regulations are hereby prescribed to establish uniform minimum standards and methods of procuring and protecting an adequate supply of ground water safe and fit for human consumption and for the preparation of food products through adequate construction or reconstruction of wells, installation of pumping equipment, or other methods approved by the department of resource development, in conformity with chapter 162 Wis. Stats. The following basic principles, general in scope and fundamental in character, shall govern the location, construction or reconstruction and maintenance of wells, installation and maintenance of wells, installation and maintenance of pumping equipment, and supervision of well constructors and pumping equipment installers.

Section RD 12.03 (21) of the WISCONSIN ADMINISTRATIVE CODE is amended to read:

Stuffing Box means an approved receptacle in which packing may be compressed to form a water or airtight junction between 2 objects.

Section RD 12.03 (26) of the WISCONSIN ADMINISTRATIVE CODE is amended to read:

Yield means the quantity of water per unit of time, which may flow or be pumped from a well.

(Note: For definitions of department, ground water, permit, well, well driller, well drilling, see chapter 162, Wis. Stats.)

Section RD 12.05, Table I, Construction Conditions, of the WISCONSIN ADMINISTRATIVE CODE is amended to read:

The depth of casing will be governed by the pumping level. For pumping levels 20' or less the casing shall extend 10' below pumping level. For pumping levels 20' to 25' the casing shall extend to a depth of 30'. For pumping levels greater than 25' the casing shall extend 5' below pumping level.

Section RD 12.05 (6) (g) of the WISCONSIN ADMINISTRATIVE CODE is amended to read:

Dug well cover. The cover of a well curbed according to subsection (a) or (b) shall be made of substantial reinforced

water-tight concrete at least 5 inches thick and of sufficient diameter to overlap the wall or curb by at least 2 inches. The cover shall be free from joints. A tight joint shall be provided between the top of the wall and the cover, using a plastic compound, if necessary. The top of the slab shall be sloped to drain away from the pump. A manhole, if installed, shall be provided with a metal curb, the top of which extends 4 inches above the slab and is equipped with an overlapping cover, the sides of which extend downward at least one and one-half inches. The manhole cover shall be locked or bolted in place in such manner as to be safe and to prevent entrance of water. (See section RD 12.09 (1).)

Section RD 12.06 (1) of the WISCONSIN ADMINISTRATIVE CODE is amended to read:

The water-tight casing or curbing of any well supplying water used in production or preparation of food or food products or supplying water to premises serving the public shall extend to a point above the established ground surface. A sub-surface pipe connection to such a well shall not be allowed, unless it is made with an approved threaded fitting, the connection is above ground-water level, the piping is under pressure and no pit is required. On off-set installations in basements, the pump impeller or cylinder shall be located at an elevation above the ground surface or at a height of 2 or more feet above the basement floor. Pressure conduits may terminate at the end of the horizontal line

entering the basement if the point of entrance is 2 feet or more above a basement floor that is in active use. Exceptions to this section may be made only where a permit for a well pit has been obtained from the department. Such a permit shall be granted where the plans and specifications submitted for the construction of the pit and the pump installation assure a reasonably safe water supply.

Section RD 12.06 (2) of the WISCONSIN ADMINISTRATIVE CODE is amended to read:

The water-tight casing or curbing of any well supplying water to residential units housing not more than 3 families shall extend to a point above the established ground surface unless a permit for a well pit is obtained from the department. A pitless sub-surface connection is permitted if made with approved fittings or welding procedures, the connection is above ground-water level, and the pump location is not subject to flooding. Suction, submersible and jet pump piping shall be enclosed in a pipe conduit having a minimum thickness of 0.237 inches. (See section RD 12.09 (1).)

Section RD 12.07 (3) (a) of the WISCONSIN ADMINISTRATIVE CODE is amended to read:

Disinfection. Disinfect the well in the manner prescribed by the department.

(Note: Adequate chlorination or other approved disinfection of all water used or present in the well during construction

operations insures maximum effectiveness and reduces the time and effort involved in final disinfection to a minimum.)

Section RD 12.07 (3) (d) of the WISCONSIN ADMINISTRATIVE CODE is amended to read:

Sealing. Seal the well water-tight. (See sections RD 12.09 (2) (a) and RD 12.09 (3).)

(Note: A properly fitted and firmly driven, solid wooden plug is considered the minimum acceptable method of sealing a well until the pumping equipment is installed.)