

WATER WELL CONSTRUCTION: GENERAL STANDARDS AND REGISTRATION OF CONTRACTORS

CHAPTER 38

PRIVATE WATER WELL CONSTRUCTION PERMITS

567—38.1(455B) Definitions.

“Abandoned well” means a water well which is no longer in use or which is in such a state of disrepair that continued use for the purpose of accessing groundwater is unsafe or impracticable.

“Agreement” means a signed document between the department and the county board of supervisors with which the department delegates the authority to issue private well drilling permits to the county board of supervisors or its designee.

“Construction” means the physical act or process of making a water well including, but not limited to, siting, excavation, construction and installation of equipment and materials necessary to maintain and operate the well.

“Contiguous” means any number of parcels of land that physically touch one another, including tracts of land separated by roads, railroads or streams, except that for the purpose of reporting on other existing wells on the property, the radius of a contiguous piece of land shall be limited to one mile from the site of the new well constructed.

“Contractor” means a person engaged in the business of well construction or reconstruction. The term may include a corporation, partnership, sole proprietorship, association or any other business entity, as well as any employee or officer of the entity.

“Department” means the Iowa department of natural resources.

“Director” means the director of the department or a designee.

“Groundwater” means any water below the surface of the earth.

“Inactive water well” means a water well which is not currently in use and is capped or sealed to prevent the entrance of contaminants into the well, but is in such a condition that it can be activated to produce a safe supply of water.

“Landowner” means an individual, trust, partnership, corporation, government or governmental subdivision or agency, association or other legal entity that has legal or equitable title to a piece of land.

“Landowner’s agent” means a person who acts for or in place of the landowner by authority from the landowner.

“Private water well” means a well that does not supply a public water supply system.

“Protected source” means a surface water or groundwater source recognized by rule as deserving special protection in order to ensure its long-term availability, in terms of either quality or quantity, or both, to preserve the public health and welfare.

“Public water supply system” means a system for the provision to the public of piped water for human consumption, if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year. The term includes (1) any collection, treatment, storage, and distribution facilities under control of the supplier of water and used primarily in connection with the system, and (2) any collection (including wells) or pretreatment storage facilities not under the control which are used primarily in connection with the system.

“Water well” means an excavation that is drilled, cored, bored, augered, washed, driven, dug, jetted, or otherwise constructed for the purpose of exploring for groundwater, monitoring groundwater, utilizing the geothermal properties of the ground, or extracting water from or injecting water into the aquifer. Water well does not include an open ditch or drain tiles or an excavation made for obtaining or prospecting for oil, natural gas, minerals, or products mined or quarried.

567—38.2(455B) Forms. The following application form is currently in use:

Application for Private Water Well Construction Permit. 12/98. 542-0988

567—38.3(455B) Permit requirement.

38.3(1) When permit required. A landowner or landowner’s agent shall not drill or construct a new private water well without first obtaining a well construction permit issued by the department or by a

county board of supervisors or the board's designee authorized to issue permits pursuant to this chapter. Examples of private water wells requiring well construction permits include, but are not limited to: domestic wells, livestock wells, irrigation wells, recreational-use wells, monitoring wells, heat pump wells, industrial wells, and dewatering wells, except that dewatering wells shall be exempt from the construction standards of 567—Chapter 49 (nonpublic water wells).

38.3(2) Exemptions. The following types of excavations do not need private water well construction permits: soil borings, percolation test holes, sand and gravel and limestone exploration holes, excavations for storing and extracting natural gas or other products, gravel pits and quarries and all monitoring wells required as part of a permit or a construction approval issued by the department. Test holes, used to determine the availability, quality or depth of groundwater are also exempt provided that all the following conditions are met.

a. The use of the test hole is limited to the conduct of the test only.

b. The duration of the test is not more than seven consecutive days.

c. The test hole is properly closed immediately after the test is completed in accordance with 567—Chapter 39 “Requirements for Properly Plugging Abandoned Wells.”

38.3(3) Caveat. Nothing in these rules shall be construed as exempting public water supply wells from the construction permit and water withdrawal permit provisions of the environmental protection commission rules, 567—Iowa Administrative Code.

567—38.4(455B) Form of application. Application shall be made on forms supplied by the department. However, counties that have active delegation of authority to issue new private well construction permits pursuant to rule 38.15(455B) may develop and use their own application forms subject to the approval of the department. Each application shall list all wells, including nonplugged abandoned wells, on the applicant's property contiguous to the well site described in the application and shall describe the location of each well site. The location shall be given in the form of a legal land description (section, township and range) to the nearest quarter of a quarter of a quarter of a section, or as a latitude and longitude in degrees to four decimal accuracy. The list of wells to be registered shall include but is not limited to abandoned wells, inactive wells, agricultural drainage wells, irrigation wells, domestic wells and livestock wells.

567—38.5(455B) Fees.

38.5(1) Fee payment. This paragraph is in effect through June 30, 2003. Each application shall be accompanied by a nonrefundable fee of \$25 in the form of a check or money order payable to the Department of Natural Resources, unless a county board of supervisors or the board's designee is authorized to issue private well construction permits pursuant to rule 38.15(455B). In cases where the permitting authority is delegated to the county, the county board of supervisors may set a different fee and shall designate the terms for fee payment. More than one proposed well for the same use on one contiguous piece of property of less than ten acres may be listed on one application and only one fee need be paid irrespective of the number of wells listed on the application form. Additional wells on the same property at a later time require another permit. A proper application shall consist of a fully and properly completed form and nonrefundable fee.

Effective July 1, 2003, each application shall be accompanied by a nonrefundable fee of \$125 in the form of a check or money order payable to the Department of Natural Resources, unless a county board of supervisors or the board's designee is authorized to issue private well construction permits pursuant to rule 38.15(455B). In cases where the permitting authority is delegated to the county, the county board of supervisors may set a different fee, shall designate the terms for fee payment, and shall submit to the department a permit fee of \$25 per application. More than one proposed well for the same use on one contiguous piece of property of less than ten acres may be listed on one application and only one fee need be paid irrespective of the number of wells listed on the application form. Additional wells on the same property at a later time require another permit. A proper application shall consist of a fully and properly completed form and nonrefundable fee. The \$25 fee collected by the counties for each permitted well shall be submitted quarterly by the counties to the department on forms and in a manner as provided by the department.

38.5(2) Exemption. The department is exempt from the fee payment requirements to the counties. The department shall remit fees directly to the department's private well permit program fund.

567—38.6(455B) Well maintenance and reconstruction. A private well construction permit is required for all replacement wells. A private well construction permit is required for modification to a well such as changes in physical dimensions including, but not limited to, deepening the well and changing the diameter or length of the casing or the screen. A private well construction permit is not required for the repair, maintenance, or rehabilitation of an existing well that does not change its physical dimensions.

567—38.7(455B) Emergency permits. Contracting counties must have policies and procedures in place to accommodate the issuance of permits on an emergency basis for the immediate replacement or reconstruction of water wells in response to the sudden and unforeseen loss or serious impairment of a well for its intended use.

38.7(1) to 38.7(3) Rescinded IAB 11/13/02, effective 12/18/02.

567—38.8(455B) Permit issuance and conditions.

38.8(1) When issued. Upon receipt of a complete application, the department or contracting county shall issue a permit to the landowner or landowner's agent except as provided in rule 38.12(455B).

38.8(2) Not a water withdrawal permit. Each permit shall include notification that a private well construction permit is not a water withdrawal permit and does not eliminate the necessity of obtaining any water withdrawal permits required in 567—Chapters 50 through 54. A water withdrawal permit is required before an applicant can withdraw more than 25,000 gallons of water per day from any source or combination of sources in the state of Iowa.

38.8(3) Construction by certified well contractor. Each well construction permit shall require that each well be constructed by a certified well contractor in compliance with 567—Chapters 49 and 82. However, temporary dewatering wells at construction sites shall be exempt from the construction standards of 567—Chapter 49.

567—38.9(455B) Noncompliance. Violations of any of the provisions of this chapter may be addressed by the department pursuant to Iowa Code sections 455B.109, 455B.110, 455B.175 and 455B.191.

567—38.10(455B) Expiration of a permit. A private well construction permit shall expire one calendar year from the date of issuance. If construction of the proposed well is not started prior to the expiration date, a new application plus a new nonrefundable fee must be filed with the department or the county board of supervisors pursuant to rule 38.15(455B).

567—38.11(455B) Transferability. A private well construction permit is not transferable.

567—38.12(455B) Denial of a permit. The department or contracting county may deny a private well construction permit if granting the permit would lead to the violation of state law, could result in groundwater contamination, would lead to withdrawal from a protected source, or the well could threaten public health or the environment. Examples of wells that could threaten public health or the environment and, therefore, may be denied construction permits include, but are not limited to: in situ mining wells, wells which may result in a negative impact on an identified point source of groundwater contamination and cause leachate plume to spread or migrate, underground injection wells except as provided in 567—subrule 50.6(4) and 567—62.9(455B).

567—38.13(455B) Appeal of a permit denial. Any applicant aggrieved by a decision issued under the provisions of this chapter may file a notice of appeal with the director. The notice of appeal must be filed within 30 days of the date of the permit decision. The form of the notice of appeal and appeal procedures are governed by 567—Chapter 13. Appeal of a permit denied by a county which has been delegated authority to issue private water well permits shall be administered by the county in accordance

with the county's appeal or judiciary review process. Appeal to the department is possible only when the appeal involves well design or construction variances or if delegation to the county is suspended, rescinded or revoked.

567—38.14(455B) Effective date. Rescinded IAB 11/13/02, effective 12/18/02.

567—38.15(455B) Delegation of authority to county board of supervisors.

38.15(1) Application by board. A county board of supervisors requesting the authority to issue private well construction permits shall apply to the department in accordance with Iowa Code chapter 28E. The application shall include statements of agreement to comply with 567—Chapter 38. Additional information may be requested by the department. The department may contract for all or part of the private well permitting services in those counties that do not receive or maintain delegation authority or for permit authorities retained by the department.

38.15(2) County standards. The county board of supervisors may impose additional standards as local conditions dictate, but the standards cannot be less stringent than those required by the provisions of this chapter.

38.15(3) Information to department. The delegation agreement shall provide for the method, format and frequency of reporting all permit application information and remission of fees to the department.

38.15(4) Board authority. After delegation of authority to a county board of supervisors, all applications in that county shall be made to the board or its designee except that all new private well permit applications by state or federal agencies shall be made to the department.

38.15(5) Term of delegation. The delegation of authority may be for up to five years and may be redelegated at the discretion of the department.

38.15(6) Permit number. Each permit shall be given a unique number as prescribed by the department. This numbering system shall be consistent throughout the state.

38.15(7) Well tag. The department may require that an identification tag be applied to each well. Counties with delegated permitting authority and certified water well contractors are responsible for ensuring that the tags are properly attached to the wells. The department may supply the numbered tags.

567—38.16(455B) Concurrent authority of the department. Notwithstanding the delegation of permit granting authority pursuant to rule 38.15(455B), the department reserves the right to exercise concurrent authority. In cases where the board or its designee fails to act on an application, or the director determines that a particular application cannot be appropriately evaluated by the board or its designee, the department may review such an application without invoking the provisions of rule 38.17(455B).

567—38.17(455B) Revocation of delegation agreement. The department may revoke the delegation to issue private well construction permits if the board of supervisors or its designee: failed or refused to carry out the provisions of this chapter in a timely manner; or violated any of the provisions of the delegation of authority agreement with the department.

These rules are intended to implement Iowa Code sections 455B.105(11), 455B.172, and 455B.187.

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