

Chapter NR 845

COUNTY ADMINISTRATION OF CH. NR 812, PRIVATE WELL CODE

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NR 845.01 Purpose. The purpose of this chapter is to establish standards for county adoption and enforcement of an ordinance for private well location, well construction, well abandonment or pump installation and for department review of county delegation programs. The goal of the county delegation program is to protect Wisconsin's drinking water and groundwater resources by governing access to groundwater through regulating private well location, construction and abandonment and pump installation and well and drillhole abandonment.

History: Cr. Register, January, 1987, No. 373, eff. 2-1-87; am. Register, February, 1991, No. 422, eff. 3-1-91; renum. from NR 145.01, Register, August, 1995, No. 476, eff. 9-1-95.

NR 845.02 Applicability. The provisions of this chapter apply to all counties with a department-approved well construction or pump installation ordinance regulating new and existing private water systems, including private wells constructed in special well casing areas, in accordance with ch. NR 812. Drilled, driven point, dug, bored and jetted wells are all regulated under the provisions of this chapter. The provisions of this chapter do not apply to springs, school water systems, or wastewater treatment plant water systems, high capacity water systems, community water systems and wells, water systems or installations which require written plan approval from the department.

Note: See chs. NR 811 and 812 for wells, water systems and installations that require written plan approval from the department.

History: Cr. Register, January, 1987, No. 373, eff. 2-1-87; am. Register, February, 1991, No. 422, eff. 3-1-91; renum. from NR 145.02 and am., Register, August, 1995, No. 476, eff. 9-1-95.

NR 845.03 Other municipalities. No entity, other than a county authorized under this chapter or a municipality with well abandonment and cross-connection ordinances approved by the department under ch. NR 811, may adopt or enforce an ordinance regulating matters covered by ch. 280, Stats., or by department rules adopted under ch. 280, Stats.

History: Cr. Register, January, 1987, No. 373, eff. 2-1-87; am. Register, February, 1991, No. 422, eff. 3-1-91; renum. from NR 145.03 and am., Register, August, 1995, No. 476, eff. 9-1-95; correction in cintro.d made under s. 13.93 c2md cbd 7., Stats., Register, April, 2000, No. 532.

NR 845.04 Definitions. In this chapter:

c1d XAdministratorY means the county employee designated by the county board of supervisors to issue permits for either private well location or pump installation or both and to administer ch. NR 812 in the county as authorized by the department.

c2d XAesthetic parametersY means constituents of drinking water that are not cause for health concern, including but not limited to those in the secondary drinking water standards listed in s. NR 809.60.

c3d XApprovalY means the written plan approval of the department.

c4d XCentral officeY means the bureau of water supply, located in Madison, Wisconsin, which functions as the coordinating authority for the statewide water supply program.

c5d XCommunity water systemY has the meaning designated in s. NR 811.03 c2d.

c6d XContaminantY means any physical, chemical, biological or radiological substance or matter in water.

c7d XCounty office staffY means county office personnel trained to answer general well location and pump installation questions and to accept permit applications.

c8d XDelegation levelY means the program level, as set forth in s. NR 845.05, at which a county is authorized to administer and enforce ch. NR 812.

c9d XDepartmentY means the department of natural resources.

c10d XDepartment district officesY means offices located in:

cad Northwest District, Box 309, Spooner, WI 54801.

cbd North Central District, Box 818, Rhinelander, WI 54501.

ccd Western District, 1300 W. Clairemont Ave., Box 4001, Eau Claire, WI 54702.

cdd Lake Michigan District, 1125 N. Military Ave., Box 10448, Green Bay, WI 54307.

ced Southeast District, 2300 N. Dr. Martin Luther King Jr. Dr., Box 12436, Milwaukee, WI 53212.

cfid Southern District, 3911 Fish Hatchery Rd., Fitchburg, WI 53711.

c11d XDrillholeY means an excavation, opening or driven point well deeper than it is wide that extends more than 10 feet below the ground surface.

cad XHeat exchange drillholeY means a drillhole used for closed loop heat exchange purposes.

cbd XLower drillholeY means that part of a drillhole below the vertical zone of contamination or below the well casing pipe.

ccd XUpper enlarged drillholeY means a drillhole, larger in diameter than the well casing pipe.

c12d XEmergency installationY means an installation made as a result of an unforeseen problem with an existing private water system, such as a well not producing water, that could be a hazard to the health of humans or livestock served by a potable well.

c14d XHealth hazardY means a condition which constitutes:

cad A violation of ch. NR 812 regarding the installation, construction, operation or maintenance of a private well; or

cbd Confirmed bacteriologically-unsafe well water quality.

c15d XNoncommunity water systemY means a public water supply system that serves year-round residents.

Note: Examples of a non-community water system include those serving schools, motels, restaurants, churches, campgrounds and parks.

c16d XNoncomplying well or pump installationY means a private water system not in compliance with all provisions of ch. NR 812 in effect at the time the well was constructed or the pump was installed.

c17d XPerformance standardsY means standards established by the department specifying the success level a county is required to achieve and maintain in order to retain authorization for a delegation level.

c18d XPersonY means an individual, corporation, company, association, cooperative, trust, institution, partnership, state, public utility, sanitary district, municipality or federal, state or interstate agency.

c19d XPersonal interestY means having a financial interest in a property or being related by marriage or birth to a person having a financial interest in a property.

c20d XPrimary drinking water standardsY means those maximum contaminant levels which represent minimum public health standards set forth in ch. NR 809.

c21d XPrivate water systemY means the water collection, storage and treatment facilities and all structures, piping and appurtenances by which water is provided for human consumption by other than community water systems. For the purpose of this chapter, it includes noncommunity water systems.

c22d XPrivate water systems inspectorY means a county employee trained by the department to inspect the well location and pump installation and collect water samples for any private water system.

c23d XPrivate water systems ordinanceY means a county ordinance, approved by the department, regulating private water systems at the county[s authorized delegation level.

c24d XPrivate wellY means, for the purpose of this chapter, any drilled, driven point, dug, bored or jetted well constructed for the purpose of obtaining groundwater for potable use, including wells constructed in special well casing depth areas and noncommunity wells. It does not include springs, or private or public wells that require written plan approval from the department.

c25d XPublic water systemY means a system for the provision to the public of piped water for human consumption if a system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days per year. A public water system is either a Xcommunity water systemY or a Xnoncommunity water system.Y A system includes:

cad Any collection, treatment, storage and distribution facilities under control of the operator of a system and used primarily in connection with a system, and

cbd Any collection or pretreatment storage facilities not under such control which are used primarily in connection with a system.

c26d XPump installationY means:

cad In a new private water system, the installation of a pump.

cbd In an existing private water system, a change in the nature of the connection between the well and the interior water supply piping or changing the type of pump installed. It does not include replacement of a pump with a similar pump, replacement of one type of pipe material with another pipe material of the same or

different diameter or the installation of motors, controls, sampling faucets, well seals or caps or pressure tanks.

c27d XPump installation inspectorY means a county employee trained by the department to inspect new and existing pumps and related equipment used for withdrawing water from a private water system including but not limited to the discharge piping, the underground connections, pitless adapters, pressure tanks, pits, sampling faucets and well seals or caps.

c28d XPump installation permitY means a permit, or comparable registration system, issued by a participating county which allows the installation of a pump in a new, reconstructed, replaced or rehabilitated private water system or the installation of a pump in an existing private water system when a change is made in the nature of the connection between the well and the water supply piping or when a different type of pump is installed.

c29d XReconstructionY means modifying the original construction of a private well. It includes but is not limited to deepening, lining, installing or replacing a screen, under-reaming, hydrofracturing and blasting.

c30d XRegistration systemY means a record of county approval for the construction of a private water system or the installation of a pump as recorded by the county administrator.

c31d XSpecial well casing depth areaY means an area established by the department requiring a greater depth of well casing pipe and stringent well construction methods because of contamination.

Note: A list of special well casing depth areas is available from the Department of Natural Resources, 101 S. Webster Street, P.O. Box 7921, Madison, WI 53707-7921.

c32d XUniform private water systems guidance manualY means the manual prepared by the department outlining county procedures for administering and enforcing ch. NR 812.

Note: Copies are available from Department of Natural Resources, 101 S. Webster Street, P.O. Box 7921, Madison, WI 53707-7921.

c33d XVarianceY means an approval issued by the department under ch. NR 812 allowing a private water system to vary from ch. NR 812 requirements if department approved conditions are met.

c34d XWater systemY means the water supply, storage, treatment facilities and all structures and piping by which water is provided for any purpose.

c35d XWellY means any drillhole or other excavation or opening constructed for the purpose of obtaining groundwater.

c36d XWell and drillhole abandonment inspectorY means a county employee trained by the department to locate and inspect wells and drillholes in relation to ch. NR 812 abandonment standards.

c37d XWell constructionY means the procedures, methods, materials and equipment used during the construction or reconstruction of a well.

c38d XWell construction inspectorY means a county employee trained by the department to conduct inspections of private wells during or immediately following construction.

c38md XWell constructorY means any person who constructs a well.

c39d XWell location inspectorY means a county employee trained by the department to inspect the location of a private well in relation to ch. NR 812 locational distances, to observe the above grade casing height, to observe whether there is a cap or a seal on the upper terminus of the well.

c40d XWell location permitY means a permit, or comparable registration system, issued by the county which allows the construction or reconstruction of a private well.

History: Cr. Register, January, 1987, No. 373, eff. 2-1-87; cr. c11d and c36d,

renum. c11d to c38d to be c12d to c36d and c38d to c40d, am. c6d, c10d, c15d, c18d, c25d, c31d, c34d, c35d and c39d, Register, February, 1991, No. 422, eff. 3-1-91; renum. from NR 145.04 and am., cr. c38md, Register, August, 1995, No. 476, eff. 9-1-95; correction in c13d made under s. 13.93 c2md cbd 7., Stats., Register, April, 2000, No. 532; CR 18-095; r. c13d Register June 2020 No. 774, eff. 7-1-20.

NR 845.05 Delegation levels. Upon the approval of the department, a county may receive authorization to administer ch. NR 812 at level 5 and at one of one or more of the other 4 levels. The department may authorize county delegation programs which the department determines to be substantially equivalent to those described in this section. At each delegation level, the county shall investigate complaints and take enforcement actions related to their authorized delegation level. The 5 delegation levels are:

c1d LEVEL 1 - PRIVATE WELL LOCATION. Under Level 1 delegation a county shall:

cad Issue permits authorizing the location of new and replacement private wells, including drilled, driven point, dug, bored or jetted wells, or the reconstruction or rehabilitation of existing private wells.

cbd Conduct inspections of new, replaced, reconstructed or rehabilitated private well installations for which well location permits were required as soon as possible after the well is constructed.

ccd Determine whether the casing height of a permitted well complies with ch. NR 812 and that there is a cap or seal on the upper terminus of the well.

cdd Require upgrading of all inspected private wells that are not in compliance with the minimum private well locational distances in ch. NR 812.

Note: Counties authorized under level 1 prior to March 1, 1991 are authorized to conduct both level 1 and level 5 responsibilities.

c2d LEVEL 2 - WELL LOCATION AND PUMP INSTALLATION PERMITS. Under level 2 delegation a county shall:

cad Issue permits for the installation of a pump on new, replaced, rehabilitated or reconstructed private water systems. This permit may be incorporated in a joint well location {pump installation permit system.

cbd Issue permits for pump installations on existing private water systems when a change is made in the nature of the connection between the well and the water supply piping or when a different type of pump is installed.

ccd Conduct inspections of new and existing pump installations for which pump installation permits were required as soon as possible after the pump installation work is completed.

cdd Require upgrading of all inspected private water systems that are not in compliance with the minimum private well location and pump installation code standards in ch. NR 812.

c3d LEVEL 3 - EXISTING PRIVATE WATER SYSTEMS. Under level 3 delegation a county shall:

cad Follow-up on all initial bacteriologically-unsafe sample results in the county, that the county is informed of, from all private water systems located in the county covered under this chapter submitted to the county health department laboratory or other laboratories certified by the department of health services under s. 143.14, 1993 Stats. Initial unsafe sample follow-up shall consist of, at a minimum, a telephone contact or form letter, but may be an on-site visit. The county shall advise the property owner what action should be taken and offer further assistance. Follow-up on initial bacteriologically-unsafe results from samples analyzed by the state laboratory of hygiene need not be done by the county. If further assistance is requested following a second unsafe sample submitted to the state laboratory of hygiene, the county health department laboratory or other laboratories certi-

fied by the department of health services, the county shall follow the procedures described in the uniform private water systems guidance manual. Problems with private water systems which require action beyond the authorized delegation level of the county shall be referred to the department.

cbd Annually inspect 10% of the existing noncommunity water systems located in the county. The county shall collect coliform bacteria and nitrate samples for the systems inspected each year and follow-up on bacteriologically-unsafe samples and samples exceeding the primary drinking water standard for nitrates. Follow-up procedures are described in the uniform private water systems guidance manual. When all noncommunity wells in the county have been inspected and sampled under this program, the county shall repeat the inspection and analysis procedure described in this paragraph.

ccd On the request of a property owner or a lending institution, conduct an inspection of the well and pump installation and collect a water sample for coliform bacteria analysis, and if also requested collect a nitrate-nitrogen sample, for the private water system.

cdd Conduct a private water system inspection and evaluation whenever any water sample is collected as part of complaint or problem follow-up unless authorized not to do so by the department.

ced Require upgrading of all inspected private water systems that are not in compliance with the minimum well location and pump installation standards of ch. NR 812.

c4d LEVEL 4 - PRIVATE WELL CONSTRUCTION. Under level 4 delegation a county shall:

cad Inspect new private wells during the actual construction phase or immediately following construction to ensure compliance with ch. NR 812 well construction requirements.

cbd Follow-up on problems with new and existing private water systems due to well construction, in addition to problems associated with pump installation or private well location.

ccd Check the well driller[s] license, equipment and materials to ensure that department approved materials and methods are used. Follow-up procedures are described in the uniform private water systems guidance manual.

c5d LEVEL 5 - WELL AND DRILLHOLE ABANDONMENT. Under level 5 delegation a county shall require the abandonment of wells and drillholes in accordance with standards established in s. NR 812.26. A county with level 5 delegation may also require the abandonment of a well, as defined in this chapter, with water exceeding a primary drinking water standard listed in ch. NR 809 or a state health advisory limit issued by the department, after consultation with and approval by the department.

History: Cr. Register, January, 1987, No. 373, eff. 2-1-87; r. c1d cdd, renum. c1d ced to be c1d cdd, am. c1d cintro.d, c1d cad, c2d cintro.d, c3d cintro.d, c4d cintro.d, cr. c5d Register, February, 1991, No. 422, eff. 3-1-91; renum. from NR 145.05 and am., Register, August, 1995, No. 476, eff. 9-1-95; correction in c3d cad made under s. 13.93 c2md cbd 7., Stats., Register, April, 2000, No. 532; correction in c3d cad made under s. 13.92 c4d cbd 6., Stats., Register April 2023 No. 808.

NR 845.06 County administration. c1d COUNTY ADMINISTRATION. cad *Adoption of ordinance.* Each county authorized by the department to administer and enforce ch. NR 812 under any delegation level shall adopt a private water systems ordinance, no less stringent nor more stringent than ch. 280, Stats., and department rules adopted under ch. 280, Stats. The ordinance shall be commensurate with the level or levels of the county's delegated authority. The ordinance shall apply to the entire county and shall include cities, towns, villages and sanitary districts in the county.

cbd *Repeal of ordinance.* A county may rescind participation in the delegation program by repealing the private water system

ordinance in its entirety or by repealing portions of the ordinance authorizing participation in a specific delegation level. The county shall notify the department of its intention to withdraw from participation in the county delegation program in writing at least 30 days prior to date of repeal of all or any part of the county ordinance.

ccd Ordinance provisions. 1. The county ordinance shall be consistent with the county[s] authorized delegation level:

a. Prohibit the installation of a private water system by a well constructor or pump installer unless the owner of the property on which the system is to be installed holds a valid permit as required by the county ordinance.

b. Prohibit the installation or operation of a private water system which is not in compliance with ch. NR 812 and the county ordinance.

c. Require the abandonment of wells or drillholes in accordance with standards established in ch. NR 812. A county may require the abandonment of a well with water exceeding a primary drinking water standard listed in ch. NR 809, or a state health advisory limit issued by the department, after consultation with and approval by the department.

2. The county[s] ordinance shall authorize the administrator or the trained county inspectors to:

a. Enter property to inspect private water systems during reasonable hours. To administer and enforce the county ordinance, the administrator or county inspectors may enter any building or property for the purpose of inspecting the private water system and may request the owner or operator to produce any private well location or pump installation permit required by the county ordinance. No person may interfere with the administrator or county inspectors in the performance of their duties. Any person interfering is subject to penalty as provided in the county ordinance. If consent to enter property for inspection purposes is denied, the administrator may obtain a special inspection warrant under s. 66.0119, Stats.

b. Order any person owning, operating or installing a private water system to abandon, modify, repair or replace the private water system in a complying, safe and sanitary condition if the system is not in compliance with the standards established in s. NR 812.26.

c. Prohibit the use of any new or existing private water system that is found to be installed, constructed, operated or maintained so as to be a health hazard to the users, neighbors or community.

d. Order the suspension of all further work on a private water system until any preceding noncompliant work is brought into compliance with ch. NR 812 and the county ordinance. The administrator or county inspectors may order suspension and the posting of a suspension order if it is determined that the location or construction of a private well or the installation of a pump does not comply with ch. NR 812 or the county ordinance. The administrator shall notify the well constructor, pump installer and property owner in writing of the noncompliance and the nature of the work to be discontinued and corrected, identifying the location and the name of the person issuing the order. Work may be resumed on the site only under the direction of the administrator.

cdd Conflicting ordinances. Any county or municipal ordinance relating to private water systems other than an ordinance adopted under par. cad or approved by the department under ch. NR 811 may not be enforced.

ced Unauthorized ordinances. Counties and other local units of government not authorized by the department to adopt and enforce an ordinance under par. cad for either private well construc-

tion or pump installation or both, may not enforce unauthorized ordinances.

cfD Delegation levels. Counties may not carry out or enforce programs related to ch. NR 812 beyond their authorized level of delegation.

c2d COUNTY QUALIFICATIONS. A county is required to provide an adequate number of staff trained at a level designated by the department to assure adequate administration and enforcement of ch. NR 812 before the department may delegate level 1, 2, 3, 4 or 5.

c3d ORDINANCE ADMINISTRATION. The county board of supervisors may assign administration of the private water systems program to any appropriate county office, department, committee, board or commission that shall have the authority and the duty to administer and enforce the provisions of the county ordinance adopted under sub. c1d cad and ccd.

cad Qualifications of the administrator for the private water systems ordinance. 1. To be eligible for appointment as administrator of the private water systems ordinance, a person shall be knowledgeable about the principles and practices of private well construction and abandonment and pump installation. The department recommends that the administrator take the examination and attend the training sessions commensurate with the level or levels of authorized county delegation.

2. If the administrator has a personal interest in the construction or modification of any private well or pump installation subject to the provisions of ch. 280, Stats., ch. NR 812 or the county ordinance, the county board shall, after consultation with the department, designate another knowledgeable person to examine the application, to issue the required permits and to make any or all of the necessary inspections.

cbd Duties. It shall be the duty of the administrator or her or his designated representative to enforce the county ordinance and perform the following duties commensurate with the level or levels of the county[s] delegation authority:

1. Record all permits, fees, inspections and other official actions.

2. a. Submit copies of the processed permits, forms or correspondence within the timeframes specified in Table 1.

Table 1

Delegation Authority	Permits, Forms, Correspondence	Timeframe 7 days 30 days
Level 1	Well Location Permit Application	Yes
	Field Inspection Forms	Yes
	Corrective, Enforcement Letters and Orders cWell Location and Abandonmentd	Yes
Level 2	New and Existing Pump Installation Permits	Yes
	Field Inspection Forms	Yes
	Corrective, Enforcement Letters and Orders cNoncomplying Pump Installationsd	Yes
Level 3	Well and Pump Installation Field Inspection Forms	Yes
	Corrective, Enforcement Letters and Orders cNon-Complying Welland Pump Installationsd	Yes
	All Follow-up Letters Involving Noncommunity Water Systems	Yes
	Correspondence pertaining to well water samples with chemical or radiological contaminants exceeding drinking water standards.	Yes
	Correspondence pertaining to confirmed unsafe water samples	Yes
Level 4	Inventory Information and Sample Results Form for Noncommunity Water Systems	Yes
	Drinking Water Analyses, Except Bacti, from County or Private Laboratories	Yes
	Well Construction Field Inspection Form	Yes

	Corrective, Enforcement Letters and Orders cNoncomplying Well Constructionsd	Yes
Level 5	Field Inspection Forms	Yes
	Corrective Enforcement Letters and Orders for Well Abandonment	Yes

b. All counties shall submit samples of routine county information correspondence not identified in Table 1 to the department. Thereafter, copies of county correspondence, having samples on file at the department, need not be sent to the department. If significant modifications are made to routine county information correspondence or new correspondence letters formulated, sample copies shall be sent to the department.

c. After a one-year period of county participation in level 3, the department may modify portions of the level 3 copy submittal requirements. The central office shall make this decision on a case-by-case basis.

d. The department may review or request a copy of any inspection report, correspondence or water quality data pertaining to the county[s] delegation level. The department may require the use of standardized forms for reporting water quality data.

e. The department may reinstitute, increase or decrease delegation level correspondence submittal requirements for participating counties as deemed necessary by the central office. The department shall provide the county 30 days notice, in writing, of any reinstated, increased or decreased submittal requirements.

f. The department will provide standardized private water system permit application and field inspection forms for use in the delegation program.

Note: The forms are available from the Department of Natural Resources, 101 S. Webster, P.O. Box 7921, Madison, WI 53707-7921.

3. Submit a summary report to the department, upon request, by the 60th day following the end of the calendar year. The summary report shall include:

- Number of permits issued;
- Number of permits denied;
- Number of inspections completed;
- Number of compliance orders issued;
- Number of compliance orders complied with;
- Number of complaints investigated; and
- Any other information requested by the department.

4. Inspect private water systems upon completion or during installation using the procedures set forth in the uniform private water systems guidance manual and record the inspections on forms provided by the department. If the county[s] level of delegation does not authorize the inspection of the entire private water system, the county shall complete the inspection in accordance with the authorized delegation level. Inspections beyond a county[s] authorized delegation level shall be the responsibility of the department.

Note: The forms are available from the Department of Natural Resources, 101 S. Webster Street, P.O. Box 7921, Madison, WI 53707-7921.

5. Require the abandonment of wells or drillholes in accordance with standards established in ch. NR 812. A county may require the abandonment of a well with water exceeding a primary drinking water standard listed in ch. NR 809, or a state health advisory limit issued by the department, after consultation with and approval by the department.

6. Investigate cases involving noncompliance with the private water systems ordinance, ch. 280, Stats., or ch. NR 812, issue orders to abate the noncompliance and submit complaints to the district attorney or corporation counsel for enforcement.

7. Investigate and record all private water system complaints related to the county[s] delegation level.

8. Refer complaints and cases of noncompliance that are believed to be or known to be beyond the scope of the county[s] delegation level to the department.

9. Cooperate with all other governmental units and agencies in the enforcement of all state and local laws and regulations of matters related to this chapter.

10. Assist the department in:

a. Conducting studies to determine the cause or extent of a groundwater contamination incident.

b. Investigating the activities of unregistered well constructors and pump installers.

c. Investigating the use of questionable materials or methods by well constructors or pump installers.

d. Inspecting private water systems.

e. Collecting water samples within the scope of resources available to the county.

11. Refer variance requests and actions which require department approval to the department.

12. Advise owners not to drink or use water from private water systems under the following conditions:

a. Private wells producing bacteriologically-unsafe water as described in the uniform private water systems guidance manual from samples submitted to the state laboratory of hygiene or a laboratory certified by the department of agriculture, trade and consumer protection under ch. ATPC 77.

b. Private wells, except noncommunity, having a level of contamination exceeding a primary drinking water standard specified in ch. NR 809 or a state health advisory limit issued by the department in 2 separate samples submitted to a laboratory certified or registered under s. 299.11, Stats., and ch. NR 149, or the state laboratory of hygiene.

c. Other cases of private well contamination after consultation with and approval by the department.

History: Cr. Register, January, 1987, No. 373, eff. 2-1-87; r. c2d cbd, am. c1d cad, c1d ced cintrod, 1. c., 2. a. and b., c1d cdd, c3d cad 1., c3d cbd 2. a. Table I, 5. and 12. b., and renum. and am. c2d cad to be c2d, Register, February, 1991, No. 422, eff. 3-1-91; renum. from NR 145.06 and am., Register, August, 1995, No. 476, eff. 9-1-95; corrections in c1d, c3d cad 2., c3d cbd 6., 12., made under s. 13.93 c2md cbd 6. and 7., Stats., Register, April, 2000, No. 532; correction in c1d ccd 2. a. was made under s. 13.93 c2md cbd 7., Stats., Register, January 2013, No. 685.

NR 845.07 Laboratory support. c1d For delegation level 2, 3 or 4, a county shall have drinking water analyses for inorganics, pesticides and volatile organics performed by the state laboratory of hygiene or by a laboratory certified under s. 299.11, Stats., and ch. NR 149. Counties shall have drinking water analyses for coliform bacteria performed by the state laboratory of hygiene or a laboratory certified by the department of agriculture, trade and consumer protection under ch. ATPC 77. Counties shall have drinking water analyses for radiological substances performed by the state laboratory of hygiene or a laboratory acceptable to the U.S. environmental protection agency.

c2d The department shall arrange for water samples to be tested for coliform bacteria, nitrates and fluorides, routinely and at no cost to the county, through the state laboratory of hygiene if the sample is collected by a county employee as part of a private water system inspection under level 3.

c3d As department resources and state laboratory of hygiene scheduling allows, laboratory testing for inorganics, volatile organic compounds cVOCsd and pesticides will be available to the county for samples collected by a county employee as part of a private water system inspection under level 3. Samples for inorganics, VOCs and pesticides submitted to the state laboratory of hygiene shall be scheduled for analysis in advance through the appropriate department district office. If the number of samples

does not exceed available resources, the department district office may waive the scheduling requirement for inorganics.

c4d The county may use an unregistered or uncertified laboratory for drinking water analyses for aesthetic parameters except when the purpose of the sampling is to characterize the effect of pollution sources on drinking water or groundwater quality.

c5d The county shall submit copies of results of drinking water analyses performed at laboratories other than the state laboratory of hygiene to the department within 30 days of receipt of the analyses.

History: Cr. Register, January, 1987, No. 373, eff. 2-1-87; renum. from NR 145.07, Register, August, 1995, No. 476, eff. 9-1-95; corrections in c1d made under s. 13.93 c2md cbd 6. and 7., Stats., Register, April, 2000, No. 532.

NR 845.08 County personnel. c1d WORK HOURS. The administrator, a trained county inspector or county office staff shall be available at the administrator[s] office for answering questions regarding permit applications and for accepting applications for well location or pump installation permits for a minimum of 4 regularly scheduled hours each working day.

c2d TRAINED COUNTY INSPECTORS. cad Any county employee conducting inspections is required to attend initial training sessions and pass an examination related to the delegation level at which her or his county is authorized. Examinations and training will relate to ch. NR 812 requirements, the technical aspects of well location, pump installation, existing private water systems and private well construction and water quality. Only county personnel who have attended the initial training sessions and successfully passed the department[s] examination for her or his county delegation level or levels and has not violated the provisions of sub. c2d cbd, ccd and cdd may conduct private water system inspections. Counties shall consult with the department for temporary exceptions to the training session and examination requirements for county inspectors. Inspectors shall be titled as follows: Level 1 - Well location inspector; Level 2 - Pump installation inspector; Level 3 - Private water systems inspector; Level 4 - Well construction inspector; and Level 5 - well and drillhole abandonment inspector.

cbd A county inspector may not grant variances.

ccd A county inspector may not issue permits that result in noncompliance with ch. 280, Stats., ch. NR 812 or the county ordinance.

cdd A county inspector shall attend continuing education classes conducted by or approved by the department. The annual department audit evaluation shall include a determination of whether the inspector granted any variances or issued any permits that resulted in noncompliance. Such action by an inspector may be cause for departmental reexamination of the inspector.

ced All inspectors shall be trained to adequately conduct inspections commensurate with a county[s] authorized delegation level for levels 1 to 3 and 5. In counties with delegation level 4, one or more inspectors shall be trained to do level 4 inspections and shall be the only inspectors conducting level 4 inspections.

Note: The department recommends that counties authorized for delegation level 2, 3 or 4 employ registered sanitarians to perform pump installation inspections.

History: Cr. Register, January, 1987, No. 373, eff. 2-1-87; am. c2d cad and ced, Register, February, 1991, No. 422, eff. 3-1-91; renum. from NR 145.08 and am., Register, August, 1995, No. 476, eff. 9-1-95; correction in c2d ccd made under s. 13.93 c2md cbd 7., Stats., Register, April, 2000, No. 532.

NR 845.09 Well location and pump installation permits. c1d Permits shall be issued from the office of the ordinance administrator designated by the county board of supervisors.

c2d The administrator may not issue a permit for an application that shows noncompliance with ch. 280, Stats., or ch. NR

812 or the county ordinance. Only the department may issue variances.

c3d The property owner shall be responsible for obtaining all permits. The well constructor or pump installer shall be responsible for ascertaining that all permits have been obtained or arrangements as specified in sub. c7d were made to obtain the permits before proceeding with well construction or pump installation. The county may grant authorization to proceed with well construction or pump installation after the required notification as specified in sub. c7d has been made. Well location permit applications and pump installation permit applications shall be signed by the property owner or the property owner[s] designated agent. Permits shall be issued to the property owner. Well location and pump installation permit applications shall be submitted to the administrator at least 2 working days prior to construction or installation if the owner, well constructor or pump installer is interested in receiving information about potential contamination sources such as landfills; underground storage tanks; primary and replacement on site sewage disposal system areas on the development site and on adjacent properties; and special casing areas. Where a well location or pump installation permit application is submitted less than 2 working days prior to construction, the well constructor or pump installer shall be responsible for maintaining full compliance with all provisions of ch. NR 812.

c4d The administrator or designated representative shall assist applicants in preparing applications and approve, disapprove or notify an applicant of the need to seek a variance or special approval from the department or return the permit application due to incompleteness for all private water systems to be constructed or modified in the county within 2 working days following submission of the permit application. A county may reserve final approval or disapproval action of a permit which requires department action until the variance or special approval request has been acted on by the department.

c6d The county may establish a schedule of fees for issuance of the permits and related inspections. Related inspections include inspections of new and existing private water systems commensurate with the county[s] authorized level of delegation.

c7d The well construction, pump installation or both may proceed immediately without the required county permit provided the property owner or the property owner[s] designated agent gives notice to the administrator prior to construction or installation. Notification shall include the owner[s] name, address, property legal description, proposed starting date and identification of the person who will be obtaining the permit. Unless other arrangements are made with the administrator, the permit shall be applied for on the first workday following initial construction or installation. The well constructor or pump installer shall be responsible for maintaining full compliance with all provisions of ch. NR 812.

c8d When construction or installation occurs on a weekend or holiday, notification shall be provided to the administrator on the first workday following the weekend or holiday in the manner described in sub. c7d. Unless other arrangements are made with the administrator, the permit application shall be obtained on the first workday following the weekend or holiday. The well constructor or pump installer shall be responsible for maintaining full compliance with all provisions of ch. NR 812.

c9d A permit transfer application shall be submitted to the county when there is a change of well constructor, pump installer, or property owner after the application is submitted, but before well construction or pump installation is completed. Failure to submit a transfer application to the county shall invalidate a pre-

viously-issued permit. The application shall be on a form available from the department.

c10d As soon as the well location or pump installation permit is received, it shall be displayed conspicuously at the well site during construction or installation and for a minimum of 7 days following completion of construction or installation or until the well and/or pump has been inspected by county staff, whichever occurs first.

c11d The administrator shall issue written notice to each applicant whose permit application is disapproved. An application shall be disapproved if construction or installation would result in noncompliance with ch. NR 812, or if a construction or installation variance or special approval request was denied by the department. Each notice shall:

cad State the specific reason for denial.

cbd Inform the applicant of the right to request a variance or special approval from the department and the procedures for requesting a variance or special approval.

c12d A well location or pump installation permit shall be valid for a period of one year or until construction or installation is completed, whichever occurs first. If the permit expires, a new application shall be submitted to the administrator. Reapplications shall be evaluated so that construction or installation will comply with the provisions of ch. NR 812 in effect at the time of the reapplication. The administrator may require additional inspection and fees for reapplications.

History: Cr. Register, January, 1987, No. 373, eff. 2-1-87; renum. from NR 145.09, am. c2d, c3d, c7d, c10d, c11d and c12d, r. c5d and c8d, cr. c8d, Register, August, 1995, No. 476, eff. 9-1-95; correction in c2d made under s. 13.93 c2md cbd 7., Stats., Register, April, 2000, No. 532.

NR 845.10 County enforcement procedures. c1d

The county shall administer ch. NR 812 and the county ordinance in accordance with this chapter and chs. 59 and 280, Stats.

c2d The county procedures for enforcement of the private water systems ordinance shall be outlined in the letter of application submitted by the county to the department requesting authority to administer ch. NR 812.

c3d Each county shall utilize its authority under ch. 59, Stats., to appoint an administrator who shall investigate any case of noncompliance with ch. 280, Stats., ch. NR 812 or the county ordinance, related to the county[s] delegation level and who shall issue orders to abate noncompliances.

c4d A county may provide for enforcement of a private water system ordinance by forfeiture, injunction or both. A county may establish a schedule of forfeitures for noncompliance with the county ordinance.

c5d The administrator shall refer cases of noncompliance with ch. 280, Stats., ch. NR 812 or the county ordinance to the district attorney or corporation counsel for prosecution.

c6d The department may enforce ch. 280, Stats., and any rules of the department also covered by a county ordinance adopted under ss. 59.70 c6d and 280.21, Stats., if the department is engaged in audit or review activities, if there is reasonable cause to believe that the county ordinance and related enforcement program of the county is not in compliance with ch. 280, Stats., or department rules or if the department determines there are special circumstances requiring concurrent enforcement. The department shall continue to enforce ch. 280, Stats., and rules of the department not covered by a county ordinance in counties delegated ch. NR 812 authority and in counties not authorized to administer and enforce ch. NR 812.

c7d Counties may not suspend or revoke the permit of a well driller or a pump installer.

History: Cr. Register, January, 1987, No. 373, eff. 2-1-87; renum. from NR 145.10 and am., Register, August, 1995, No. 476, eff. 9-1-95; corrections in c1d, c3d, c5d and c6d, made under s. 13.93 c2md cbd 7., Stats., Register, April, 2000, No. 532.

NR 845.11 County applications for authorization.

County applications for authorization to administer ch. NR 812 shall include the following:

c1d A copy of the private water systems ordinance that will be adopted by the county board of supervisors.

Note: The county may submit a draft copy of the ordinance to the department for review prior to submission to the county board of supervisors for approval. A model ordinance is available from the Department of Natural Resources, 101 S. Webster Street, P.O. Box 7921, Madison, WI 53707-7921.

c2d A description of the enforcement procedures to be used by the county for follow-up on noncompliance with ch. 280, Stats., ch. NR 812, or the county ordinance.

c3d A signed statement from the district attorney or corporation counsel indicating a willingness to prosecute noncompliance with ch. 280, Stats., ch. NR 812 or the county ordinance.

c4d The expected number of staff hours available per year for each level of delegation for the private water systems program. The number of staff to be trained at each delegation level shall be included.

History: Cr. Register, January, 1987, No. 373, eff. 2-1-87; renum. from NR 145.11 and am., Register, August, 1995, No. 476, eff. 9-1-95; corrections in c2d and c3d made under s. 13.93 c2md cbd 7., Stats., Register, April, 2000, No. 532.

NR 845.12 Performance standards.

Tables II-VI contain performance standards for delegation levels 1 to 5. These standards are established as levels to guide county efforts and to provide a means for the department to evaluate the effectiveness of county programs. Failure to meet the minimum standards, as determined in the department audit, is cause for the department to place a county on probationary status or to revoke a county[s] program authority. In the event the county determines it cannot meet the minimum standards, this information shall be conveyed to the department at the earliest possible time. In addition to the performance standards contained in Tables II to VI, the department may consider any other activity, in review of a county[s] program, the department determines to be an indication of a county[s] ability to administer and enforce the private water system ordinance and program.

Table II

PERFORMANCE STANDARDS DELEGATION LEVEL 1
PRIVATE WELL LOCATION

Activity	%		
	Excellent	Satisfactory	Minimum
*Properly Siting Private Wells Within ch. NR 812 Location Distances	100	99	98
*Follow-up on Location Violations cCorrective{ Enforcement Letters and Ordersd	100	99	98
*Field Evaluation of Emergency and 2 Day Presumptive Permit Approval Well Constructions cDuring or After Constructiond	100	99	98
*Acting on Permit Application Within 2 Working Days	100	95	90
*Inspect Variance Private Well Sites After Construction	100	95	90

*Provide Department with Completed Location Permit Application{ Field Inspection Forms Within Specified Timeframes in Table 1	95	93	90
*Field Evaluation of Private Well Location cDuring or After Constructiond	90	80	70
*Follow-up on Well Abandonment cCorrective{ Enforcement Letters and Ordersd	80	70	60

Table III

PERFORMANCE STANDARDS DELEGATION LEVEL 2 PUMP INSTALLATION

Activity	%		
	Excellent	Satisfactory	Minimum
*Field Evaluation of Emergency and 2-day Presumptive Permit Approval Pump Installations	100	99	98
*Follow-up on Pump Installation Violations	100	97	95
cCorrective{Enforcement Letters and Orders			
*Correct Evaluation of Existing Pump Installations That Were Inspected	100	95	90
*Correct Evaluations of New Pump Installations That Were Inspected	100	95	90
*Provide Department with Completed Pump Installation Permits{ Field Inspection Forms Within Specified Timeframes in Table 1	95	93	90
*Inspect Existing Pump Installations	80	70	60
*Inspect New Pump Installations	80	70	60

Table IV

PERFORMANCE STANDARDS DELEGATION LEVEL 3 EXISTING PRIVATE WATER SYSTEMS

Activity	%		
	Excellent	Satisfactory	Minimum
*Follow-up on Existing Private Water Systems ViolationscCorrective{ Enforcement Letters and Orders	100	97	95
*Follow-up on Confirmed Bacteriologically-Un safe Samples	100	95	90
*Inspect and Sample 10% of Noncommunity Water Systems Within County in a Year	100	95	90
*Provide Department with Well and Pump Installation Field Inspection Forms and Other Listed Correspondence Within Specified Timeframes in Table 1	95	93	90

Table V

PERFORMANCE STANDARDS DELEGATION LEVEL 4 WELL CONSTRUCTION

Activity	%		
	Excellent	Satisfactory	Minimum
*Follow-up on Private Well Construction Violations	100	97	95
cCorrective{Enforcement Letters and Orders			
*Make Correct Interpretation of Construction Requirements	100	95	90

*Well Driller Contacts — Check Each Well	95	90	85
Driller[s] Supply of Casing Pipe in County 2 Times a Year			
*Provide Department with Well Construction Field Inspection Forms Within 7 Days of Inspection	95	93	90
*Observe Wells During Drilling	30	20	10
*Observe Wells During Grouting	30	20	10

Table VI

PERFORMANCE STANDARDS DELEGATION LEVEL 5 WELL AND DRILLHOLE ABANDONMENT

Activity	%		
	Excellent	Satisfactory	Minimum
Follow-up on Well and Drillhole Abandonment	80	70	60
cCorrective, Enforcement Letters and Orders			

History: Cr. Register, January, 1987, No. 373, eff. 2-1-87; am. intro.d, cr. Table VI, Register, February, 1991, No. 422, eff. 3-1-91; renum. from NR 145.12, Register, August, 1995, No. 476, eff. 9-1-95.

NR 845.13 Probation. c1d The department may invoke a probationary period of 6 to 12 months for county failure to administer and enforce ch. 280, Stats., ch. NR 812 or the county ordinance under any of the following conditions:

cad The employment of an inspector who:

1. Is not trained according to the standards of s. NR 845.08 c2d, or

2. Granted variances or issued permits resulting in noncompliance with ch. 280, Stats., ch. NR 812, or the county ordinance.

cbd Failure to meet the minimum annual performance standards specified for tasks in the county[s] delegation level. See Tables II to V for the minimum performance standards at each delegation level.

ccd Granting a variance to ch. NR 812.

cdd Issuing a permit for an application signed by an unregistered well driller or pump installer except for an owner installation authorized under s. 280.15 c4d, Stats.

ced Issuing permits for an application that shows noncompliance with ch. 280, Stats., ch. NR 812 or the county ordinance.

cfđ Failure to enforce the ordinance in conformance with ch. 280, Stats., and the rules of the department adopted under ch. 280, Stats.

c2d A county shall be placed on probation for a 6 month period when it reenters the county delegation program after having its delegation authority revoked by the department.

c3d The probation period shall include closer contacts, such as joint field inspections and telephone calls, between county and department personnel to provide increased training opportunities.

c4d The probationary period may be shortened or extended at the discretion of the central office. The department shall provide a county 30 days notice, in writing, of any change in the probationary period.

c5d Depending upon the severity of the factor or factors leading to probation, the department may conduct special audits to evaluate improvement in a county[s] performance during or at the end of the probationary period.

History: Cr. Register, January, 1987, No. 373, eff. 2-1-87; am. c1d ccd, Register, February, 1991, No. 422, eff. 3-1-91; renum. from NR 145.13 and am., Register, August, 1995, No. 476, eff. 9-1-95; corrections in c1d, made under s. 13.93 c2md cbd 7., Stats., Register, April, 2000, No. 532.

NR 845.14 Revocation. c1d The department may revoke a county[s] authority to administer and enforce ch. NR 812 and the county ordinance following a public hearing conducted by the department upon 30 days notice to the county under any of the following conditions:

cad Failure to have in effect a private water system ordinance meeting the requirements of this chapter.

cbd Repeated failure to meet the minimum annual performance standards specified for tasks in the county[s] delegation levels.

ccd Failure to achieve minimum performance standards at the next annual audit following a probation period.

cdd When evidence exists of a county[s] flagrant nonperformance of its delegation responsibilities.

ced Repeated violations of s. NR 845.13 c1d ccd to cfd.

c2d When county delegation is revoked under sub. c1d cad, the county[s] authority shall be revoked until the deficiency is corrected. The county may receive reauthorization from the department following submission of a private water system ordinance that has been approved by the county board of supervisors. For revocations under sub. c1d cbd, ccd, cdd or ced, the county[s] authority shall be revoked for at least 6 months or until the condition is corrected, whichever is longer, and the county receives reauthorization from the department following submission of a new application.

c3d Counties with delegation level 2, 3 or 4 under revocation may apply for level 1 delegation 90 days following the effective date of revocation.

History: Cr. Register, January, 1987, No. 373, eff. 2-1-87; renum. from NR 145.14 and am., Register, August, 1995, No. 476, eff. 9-1-95.

NR 845.15 Commendation. The department shall issue a certificate of outstanding contribution to protection of the state of Wisconsin[s] citizens and groundwater resources to counties and their administrators who achieve an excellent rating at the annual audit for all performance criteria associated with their delegation levels.

History: Cr. Register, January, 1987, No. 373, eff. 2-1-87; renum. from NR 145.15, Register, August, 1995, No. 476, eff. 9-1-95.

NR 845.16 Department responsibilities. c1d DEPARTMENT APPROVAL. The department may specify categories of private well construction or pump installation requiring department approval.

c2d REVIEW AND AUDIT. The department shall periodically review and audit each county[s] private water systems program and ordinance adopted under s. 59.70 c6d, Stats., to ascertain compliance with ch. 280, Stats., ch. NR 812 and this chapter. The

review shall include a random audit of well location or pump installation permit applications, field inspection forms and other correspondence and verification of county inspections by on-site inspections conducted by the department.

c3d COMPLIANCE. If a county ordinance or delegation program is not in compliance, the department may revoke the authority of the county to enforce the ordinance. Revocation shall be made pursuant to written department findings made after a public hearing held in the county upon 30 days advance notice to the county clerk. As soon as practicable after the public hearing, the department shall issue a written decision regarding compliance with ch. 280, Stats., and department rules adopted thereunder.

c4d VARIANCES. The department may issue a variance under s. NR 812.43 allowing the well construction or pump installation features of a private water system to vary from ch. NR 812 requirements if department approved conditions are met.

c5d TRAINING SERVICES. The department shall conduct or approve training programs for county inspectors and be available to advise county inspectors.

c6d CORRESPONDENCE. The department shall refer inquiries related to a county[s] level of delegation to the county for follow-up. Follow-up procedures are described in the uniform private water systems guidance manual. The department shall provide counties with copies of correspondence relevant to their authorized delegation levels concerning private water systems within their jurisdiction.

c7d GUIDANCE MANUAL. The department shall maintain a uniform private water systems guidance manual outlining procedures for inspections and investigations and related information. Copies of the guidance manual shall be provided by the department to counties.

c8d FORMS. The department shall make available standardized forms to counties for use in the administration of ch. NR 812 and the county ordinance at the county[s] authorized level of delegation.

c9d COUNTY OFFICES. The department shall maintain a list of county offices issuing private well location and pump installation permits. The list shall include office location, office hours, name of ordinance administrator and office telephone number.

c10d MODEL ORDINANCE. The department shall have a model ordinance available for use by counties.

c11d NONCOMMUNITY WATER SYSTEMS. The department shall provide counties with level 2, 3 or 4 delegation a list of non-community water systems in their jurisdiction.

History: Cr. Register, January, 1987, No. 373, eff. 2-1-87; renum. from NR 145.16 and am., Register, August, 1995, No. 476, eff. 9-1-95; corrections in c2d and c3d made under s. 13.93 c2md cbd 7., Stats., Register, April, 2000, No. 532; CR 18-095: am. c4d Register June 2020 No. 774, eff. 7-1-20.