

CORRESPONDENCE/MEMORANDUM**Advisory Committee Meeting**

Date/Time: Monday, February 19, 2024 / 9:30 AM – 12:30 PM

Location: Schmeckle Reserve Visitor's Center Conference Room, Stevens Point
[Hours and Directions - Schmeckle Reserve | UWSP](#)

Agenda**1. Welcome and introductions****2. Recap****a. Advisory Committee ideas for NR 146**

- 1) Accept continuing education credit for training in business practice
- 2) Revise requirement for training specific to the credential
- 3) Curtail unlicensed activity
- 4) Maintain robust drilling license eligibility requirements
- 5) Earlier continuing education completion to improve renewals processing
- 6) Experience requirement for the pump installer license
- 7) Include language for third party administration of licensing exams
- 8) Field experience in specific code related activities with supervisor signature verifying completion
- 9) Elevate the industry through trade school attendance and development of an apprenticeship program
- 10) Require minimum pump work experience (20 pumps changed) for well inspectors
- 11) Water well and heat exchange drilling licenses combined to one credential
- 12) Require compliance related continuing ed attendance that includes review of code updates
 - i. Further discussion:
 1. Beiriger
 - a. NR 146 licensing authority provided under Statute 280
 2. Friedenfels
 - a. Reasons for the current pump installer license trend
 - b. Input on continuing education venues
 - c. Two-tiered pump installer license suggestion
 3. Eucker
 - a. Required use of form 3300-221 for well inspections
 - b. Require 20 pump installs for well inspectors before licensing

b. Advisory Committee ideas for NR 812

- 1) Casing depth requirement in areas with high nitrate concentrations
- 2) Allow use of bentonite chips in the annular space – minimum drill hole diameter of 10" when using 6" casing
- 3) Leave language as is with respect to the use of bentonite chips to fill and seal the annular space, especially with deeper wells
- 4) Restrict the practice of grabbing water samples off the rig
- 5) Remove requirement for nitrate sample when the well cap has been removed
- 6) Remove sampling requirement following pressure tank replacement
- 7) Remove requirement to sample test for bacteria following well construction as this test is done when the pump is installed

- 8) Return to the 10-tube bacteria test
- 9) Revise water sample form 3300-265 to remove reference to “previous unsafe” as this can cause biased lab screening
- 10) Set requirement to limit flow rate when a sample is being drawn updates
 - i. Further discussion:
 1. Berkholtz – NR 812.36 well pits and pit abandonment
 2. Eucker
 - a. 10-tube bacteria test requirement
 - b. Sample tap location and sampling required with replaced pressure tank
 - c. Minimum 3-foot sand screen for sand and gravel wells
 - d. Eliminate samples taken from the rig

3. DNR suggested NR 812 revision list

a. Subchapter III

1. Definitions
 - a. Pump installing (may need to match NR 146)
2. Pump work on new non-complying wells
3. Non-pressurized storage tank requirements
 - a. Elevated tanks
 - b. Ground storage
4. Non-electric pump standards
5. Pump installer requirements for following up on bacteria positive wells
6. Pump equipment and supply pipe
7. Pitless unit installation standards
8. Pitless adaptor installation standards
9. Electrical conduits
 - a. Material
 - b. Uniform electrical standard
10. Hand pump standards
 - a. Emergency hand pump
11. Pump installation requirements for flowing wells
12. Lineshaft turbine pump requirements
13. Sampling requirements for pump work on existing wells
14. Water line separation to sewers
15. New well pits
16. Yard hydrant requirement – likely needs to match plumbing code

b. Outside of Subchapter III

1. Standards for the use of bentonite chips as an annular space sealing material (separate meeting may be needed)
2. Existing well standards – Separate meeting may be needed
 - a. Steel casing extension requirements
 - b. Standards for existing well pits
 - c. Casing diameter requirements for existing wells
3. Other clarifications and corrections

c. Discussion

4. Meetings going forward

- a. Agendas will be set to address either NR 146 or NR 812 revisions.
- b. Committee members will discern attendance based on meeting agendas.

5. Next meeting:

- a. Tentative date: March 25th, Time & Location: TBD

6. Adjourn