

**4725.5650 WATER QUALITY SAMPLES FROM NEWLY CONSTRUCTED POTABLE WATER-SUPPLY WELL.**

Within 30 days of completion and before the use of a newly constructed potable water-supply well, the person constructing the well must assure that a water sample is collected from the well. A water sample is not required from a new pump installation in an existing well, or a well repair, unless a notification must be submitted according to part 4725.1820, item A.

A. The person constructing the well must inform the well owner that until analysis of one or more water samples from the well indicates the absence of total coliform bacteria, and the nitrate-nitrogen and arsenic analysis have been completed and reported, the well must not be used for human consumption.

B. The person constructing the well must assure that water samples are properly collected and submitted to a laboratory certified under parts 4740.2010 to 4740.2120. The laboratory must be certified to analyze total coliform bacteria nitrate-nitrogen, and arsenic, under the safe drinking water program test category. The laboratory reporting limit must be no greater than 1.0 milligrams per liter for nitrate-nitrogen, and no greater than 2.0 micrograms per liter for arsenic.

C. The sample must be analyzed for total coliform bacteria, arsenic, and nitrate-nitrogen. The person constructing the well must assure that the property owner and the commissioner receive a legible, reproducible copy of the analysis results within 30 days of analysis. The copy of analysis results sent to the commissioner must include the unique well number, the property owner's name and address, and the dates of sample collection and analysis.

D. If a water sample collected according to this part, or a water sample collected by the commissioner from a newly constructed potable water-supply well indicates the presence of total coliform bacteria, the person constructing the well is responsible for actions needed to eliminate possible causes of total coliform bacteria, disinfect the well, and resample for total coliform bacteria.

**Statutory Authority:** *MS s 103I.101; 103I.111; 103I.205; 103I.221; 103I.301; 103I.401; 103I.451; 103I.501; 103I.525; 103I.531; 103I.535; 103I.541; 103I.621; 144.05; 144.12; 144.383; 144.97; 144.98; 157.04; 157.08; 157.09; 157.13*

**History:** *17 SR 2773; 31 SR 446; 33 SR 211*

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