

4720.5550 CRITERIA FOR ASSESSING WELL VULNERABILITY.

Subpart 1. **Department determination.** The department shall use the criteria specified in this part to assign priority and notify a public water supplier in writing that a wellhead protection plan must be prepared for an existing well.

Subp. 2. **Well vulnerability criteria.** A public water supply well is vulnerable if:

A. the well water contains ten milligrams per liter or more nitrate plus nitrite nitrogen;

B. the well water contains quantifiable levels of pathogens as defined in part 7040.0100, subpart 26, or chemical compounds that indicate groundwater degradation as defined in Minnesota Statutes, section 103H.005, subdivision 6;

C. the well water contains one tritium unit or more when measured with an enriched tritium detection method; or

D. an enriched tritium analysis of the well water has not been performed within the past ten years; and

(1) information on the well construction is not available; or

(2) the geological material from the land surface to where the groundwater enters the public water supply well is:

(a) fractured bedrock;

(b) solution weathered bedrock;

(c) sandstone bedrock;

(d) unconsolidated material 0.062 millimeters (fine sand) or larger; or

(e) a combination of the materials specified in units (a) to (d).

Statutory Authority: *MS s 103I.101*

History: *22 SR 668*

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