

**4720.5205 WELLHEAD PROTECTION AREA AND DRINKING WATER SUPPLY MANAGEMENT AREA DELINEATION.**

Subpart 1. **Boundaries; wellhead protection area.** A wellhead protection plan must have a map showing the boundaries of the wellhead protection area that were determined using the criteria in part 4720.5510.

Subp. 2. **Documentation.** A wellhead protection plan must document the delineation of the wellhead protection area. The documentation must:

- A. describe the hydrogeologic setting used to characterize the aquifer;
- B. identify the five delineation criteria described in part 4720.5510, subparts 2 to 6;
- C. describe the delineation method used, including assumptions, and the supporting documentation for the assumptions;
- D. describe all parameters, other than the delineation criteria described in part 4720.5510, used for the delineation;
- E. describe the delineation results, including:
  - (1) the results of model calibrations, when a groundwater flow model is used; and
  - (2) a narrative describing the uncertainties relating to the accuracy of the calculated wellhead protection area boundaries;
- F. specify the data elements used, including data sources; and
- G. contain a copy of the calculations performed or, when a computer model is used, the electronic data input and solution file.

Subp. 3. **Boundaries; drinking water supply management area.** A wellhead protection plan must have a map showing the boundaries of the drinking water supply management area. The boundary of the drinking water supply management area must follow the wellhead protection area as closely as possible.

**Statutory Authority:** *MS s 103I.101*

**History:** *22 SR 668*

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