

**4725.5750 DUG WATER-SUPPLY WELLS.**

Subpart 1. **Construction.** A dug well must be constructed to comply with all requirements of this chapter including the materials, grouting, and casing standards. Where geological conditions preclude the possibility of completing a water-supply well with conventional drilling methods, materials, or casing, a variance may be granted under part 4725.0410 to install a dug well for a residential water supply using unconventional techniques or materials. A dug water-supply well may only be constructed in an unconsolidated formation.

Subp. 2. **Cover.** A dug water-supply well must be protected with a cap or cover meeting the requirements of part 4725.3150, subpart 1, or a precast, overlapping, steel-reinforced, concrete cover at least four inches in thickness, or a locked, overlapping, metal cover at least 3/16 inch in thickness. The junction of cover with the well casing must be made with a watertight gasket and must be provided with a well vent according to part 4725.5450.

Subp. 3. **Watertight openings.** A pump opening and a connection below the established ground surface for a dug water-supply well must be made watertight according to part 4725.4850, subpart 1, or with concrete or cement.

Subp. 4. **Location.** Unless a dug water-supply well is grouted from the surface to a depth of 50 feet or through a confining layer, the well must be located according to part 4725.4450, subpart 2.

**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; 157.04; 157.08; 157.09; 157.13*

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

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