

567—49.17(455B) Well caps, seals, and vents.**49.17(1) Caps and seals.**

- a.* A well cap shall be used on any well not protected by a wellhouse and shall seal tightly against the casing to prevent surface water, dirt, insects, or any foreign matter from entering the well.
- b.* The well casing shall terminate at least one foot above the finished grade surface.
- c.* A split-top sanitary seal may only be used on a well terminating within a wellhouse.
- d.* Any openings in the cap or seal, such as for pump wiring, water depth measurement, or chemical feed, shall be properly grommited or sealed, except for properly screened and oriented vent openings.
- e.* There shall be no openings through the well cap except for a factory-installed vent, air-line chemical feed, and power supply wiring unless a proposal is submitted to and approved by the administrative authority. To be approved, a proposal shall show that any entrance into the well cap is watertight, prevents surface water from entering the water supply, is secured in position, is only removable with tools, and is resistant to weathering and corrosion.
- f.* Well pump systems that are not under continuous pressure and have no pressure tank may discharge out of the top of the well if all connections are watertight welds or grommited openings. Venting, heights, and other cap requirements shall be met.

49.17(2) Vents. A well cap used on a well that has a pitless adapter or pitless unit shall have a screened vent hole at least ½ inch in diameter, pointing downward, with not less than 24-mesh noncorrosive screen. Vent openings shall terminate at least 12 inches above finished ground surface. Venting is required on all wells, except Class 3 wells or flowing wells.

[ARC 9196C, IAB 5/14/25, effective 6/18/25]