

ENVIRONMENTAL HEALTH DIVISION
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Water Tight / Vermin-Proof Well Caps

To ensure a sanitary water supply, all wells serving New York State Public Water Supplies are required to have approved watertight well caps per the NYS Sanitary Code 5-1. Individual water supplies will be required to have water tight well caps upon the adoption of Appendix 75 C of Part 75, Chapter 11 of Title 10, NYCRR. Approved watertight well caps protect the well by being tamper resistant, forming a protective cover from the elements, and preventing the entry of vermin or contaminants. Approved watertight well caps must include a downward facing vent pipe that terminates a minimum of 12 inches above grade and passes through the gasket to allow for pressure equilibrium. A #20-30 gage screen must cover the terminus of the vent pipe to restrict the entry of vermin and insects into the well casing.

UNAPPROVED WELL CAP (*comparison and identification purposes only*):



- Overlapping well cap *without* gasket.
- Air space around casing allowing potential entry of contaminants (insects and rodents).
- Well cap is secured using set screws tightened horizontally against the outside of the casing.
- Split gasketed well caps (fit inside well casing)

APPROVED WATER TIGHT AND VERMIN-PROOF WELL CAP:

These well caps are available in a variety of styles. All styles include the following:

- Gasket which compresses on the outside of the well casing. Bolts are usually in the vertical orientation.
- An electrical conduit that is directly threaded into the well cap.
- An air vent with a #20-30 gage screen for insect /rodent protection (usually integrated into watertight well cap).

