

15A NCAC 18A .1722 WELL HEAD PROTECTION

- (a) The base plate of a pump placed directly over the well shall be designed to form a watertight seal with the well casing or pump foundation.
- (b) In an installation where the pump is not located directly over the well, the annular space between the casing and pump intake or discharge piping shall be closed with a watertight seal designed specifically for this purpose.
- (c) The well shall be vented at the well head to allow for pressure changes within the well except when a suction lift type pump is used. Any vent pipe or tube shall be screened or otherwise designed to prevent the entrance of insects or other foreign materials.
- (d) For a well constructed after July 1, 1993, a hose bib shall be installed at the well head for obtaining samples. In the case of offset jet pump installations, the hose bib shall be installed directed downward on the pressure side of the jet pump piping. A vacuum breaker or backflow prevention device shall be installed on the hose bib.
- (e) For a well constructed after July 1, 1993, a continuous bond concrete slab or well house concrete floor extending at least three feet horizontally around the outside of the well casing shall be provided. The minimum thickness for the concrete slab or floor shall be four inches. The slab or floor shall slope to drain away from the well casing.
- (f) Any establishments permitted or licensed after July 1, 1993 shall have a continuous bond concrete slab or well house concrete floor extending at least three feet horizontally around the outside of the well casing. The minimum thickness for the concrete slab or floor shall be four inches. The slab or floor shall slope to drain away from the well casing.

History Note: Authority G.S. 95-225; 130A-5(3); 130A-230; 130A-235; 130A-236; 130A-248; 130A-257;
Eff. July 1, 1993;
Amended Eff. May 1, 1996;
Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. July 20, 2019.