

**15A NCAC 18A .1724   DISINFECTION OF WATER SYSTEMS**

(a) A water system regulated under this Section shall be disinfected upon completion of construction, maintenance, repairs, pump installation, or a report of a confirmed positive coliform sample. Wells shall be disinfected as required in 15A NCAC 02C .0111, which is hereby incorporated by reference, including any subsequent amendments and editions.

(b) A spring enclosure shall be disinfected upon completion of construction, maintenance, repairs, pump installation, or a report of a confirmed positive coliform sample as follows:

- (1) the interior surfaces of the spring enclosure shall be washed or swabbed with a chlorine solution of at least 100 milligrams per liter (mg/l) or greater of chlorine residual;
- (2) the disinfectant shall be poured into the spring, the service pipe shall be plugged, and water shall be retained in the spring storage for at least 24 hours, or disinfectant shall be fed into the spring continuously for at least 24 hours; and
- (3) the spring shall flow to waste until no disinfectant can be measured with a test kit that measures chlorine levels.

*History Note:* Authority G.S. 95-225; 130A-235; 130A-236; 130A-248; 130A-257; 130A-315;  
Eff. July 1, 1993;  
Readopted Eff. April 1, 2021.