15A NCAC 18A .1724 is proposed for readoption with substantive changes as follows:

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

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

   (1) chlorine in sufficient quantities to produce a chlorine residual of at least 100 milligrams per liter (mg/l) shall be placed in the supply;

   (2) a chlorine solution shall be placed in the supply in such a manner as to contact any water contact parts and materials above the normal water level;

   (3) a chlorine solution shall stand in the supply for a period of at least 24 hours; and,

   (4) the supply shall flow to waste until no disinfectant can be measured with a test kit that measures chlorine levels.

(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 walls 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; residual approved by the Department;

   (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, 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-5(3); 130A-228; 130A-230; 130A-235; 130A-236; 130A-248; 130A-257; 130A-315;