

1 15A NCAC 18A .1724 is proposed for readoption with substantive changes as follows:

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3 **15A NCAC 18A .1724 DISINFECTION OF WATER SUPPLIES SYSTEMS**

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

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

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

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

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

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

17 (1) the interior ~~walls~~ surfaces of the spring enclosure shall be washed or swabbed with a chlorine  
18 solution of at least 100 milligrams per liter (mg/l) or greater of chlorine residual; ~~residual approved~~  
19 ~~by the Department;~~

20 (2) the disinfectant shall be poured into the spring, the service pipe shall be plugged, and water shall be  
21 retained in the spring storage for at least 24 hours, ~~or,~~ or disinfectant shall be fed into the spring  
22 continuously for at least 24 hours; and

23 (3) the spring shall flow to waste until no disinfectant can be measured with a test kit that measures  
24 chlorine levels.

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26 *History Note:* Authority G.S. 95-225; ~~130A-5(3); 130A-228; 130A-230; 130A-235; 130A-236; 130A-248;~~  
27 ~~130A-257; 130A-315;~~

28 *Eff. July 1, 1993.*