

SECTION .1000 - DISINFECTION OF WATER SUPPLY SYSTEMS**15A NCAC 18C .1001 DISINFECTION OF NEW SYSTEMS**

(a) All interior surfaces of new potable water supply systems, including wells, filters, storage tanks and distribution lines shall be thoroughly disinfected by means of hypochlorite or chlorine solutions, after which bacteriological test samples shall be collected.

(b) After disinfection the water supply shall not be placed into service until bacteriological test results of representative water samples analyzed in an approved laboratory are found to be satisfactory.

History Note: Authority G.S. 130A-315; 130A-317; P.L. 93-523;
Eff. January 1, 1977;
Readopted Eff. December 5, 1977;
Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015.

15A NCAC 18C .1002 DISINFECTION OF WELLS

(a) After construction, servicing, maintenance, or any other activity or event that might lead to contamination of the water, wells shall be disinfected in accordance with ANSI/AWWA C654-13, "Disinfection of Wells." Copies may be obtained for public inspection as set forth in Rule .0503 of this Subchapter.

(b) After disinfection, wells shall not be placed into service until bacteriological test results of representative water samples analyzed by a certified laboratory are found to be satisfactory.

(c) Records demonstrating compliance with ANSI/AWWA Standard C654-13 shall be available for three years for inspection by the Department.

History Note: Authority G.S. 130A-315; 130A-317; P.L. 93-523;
Eff. January 1, 1977;
Readopted Eff. December 5, 1977;
Amended Eff. July 1, 1994;
Readopted Eff. July 1, 2019.

15A NCAC 18C .1003 DISINFECTION OF STORAGE TANKS AND DISTRIBUTION SYSTEMS

(a) Water distribution systems, including storage tanks and water mains, after flushing to remove sediment and other foreign matter, and after testing for leaks, shall be disinfected in accordance with ANSI/AWWA Standard C652-11; "Disinfection of Water Storage Facilities" or in accordance with ANSI/AWWA C651-14; "Disinfection of Water Mains." Copies may be obtained for public inspection as set forth in Rule .0503 of this Subchapter.

(b) After disinfection, water storage or distribution facilities shall not be placed into service until bacteriological test results of representative water samples analyzed by a certified laboratory are found to be satisfactory.

(c) Records demonstrating compliance with ANSI/AWWA Standards C652-11 or ANSI/AWWA Standard 651-14 shall be available for three years for inspection by the Department.

History Note: Authority G.S. 130A-315; 130A-317; P.L. 93-523;
Eff. January 1, 1977;
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Amended Eff. January 1, 1978;
Readopted Eff. July 1, 2019.

15A NCAC 18C .1004 DISINFECTION OF WATER TREATMENT FACILITIES

(a) New water treatment facilities and existing water treatment facilities taken out of service for cleaning, inspection, maintenance, painting, repair, or other activities or events that might lead to contamination of water shall be disinfected in accordance with ANSI/AWWA Standard C653-13, "Disinfection of Water Treatment Facilities." Copies may be obtained for public inspection as set forth in Rule .0503 of this Subchapter.

- (b) After disinfection the water treatment facilities shall not be placed into service until bacteriological test results of representative water samples analyzed by a certified laboratory are found to be satisfactory.
- (c) Records demonstrating compliance with ANSI/AWWA Standard C653-13 shall be available for three years for inspection by the Department.

*History Note: Authority G.S. 130A-315; 130A-317; P.L. 93-523;
Eff. January 1, 1977;
Readopted Eff. December 5, 1977;
Amended Eff. July 1, 1994;
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