

10A NCAC 42D .0250 MICROBIOLOGY SAMPLE COLLECTION, HANDLING AND PRESERVATION

- (a) For sample collecting, handling, and preservation, there shall be strict adherence to correct sampling procedures, complete identification of the sample, and prompt transfer of the sample to the laboratory as described in "Standard Methods for the Examination of Water and Wastewater", American Water Works Association, Part 9060, which is incorporated by reference including any subsequent amendments and editions. A copy is available for inspection at the Division of Public Health, 1915 Mail Service Center, Raleigh, North Carolina 27699-1915. Copies may be obtained from the American Water Works Association, Customer Service, 6666 West Quincy Avenue, Denver, Colorado 80235 at the cost of one hundred twenty dollars (\$120.00).
- (b) Minimum sample frequency and sample location shall be that specified in 15A NCAC 18C .1534.
- (c) The collector shall be trained in sampling procedures or written instructions shall be provided by the laboratory.
- (d) The water shall be sampled after maintaining a steady flow for two or three minutes to clear service line. The tap shall be free of aerator, strainer, hose attachment, or water purification devices.
- (e) The sample volume shall be a minimum of 100 ml. The sample bottle must be filled only to the shoulder to provide space for mixing.
- (f) The sample report form shall be completed immediately after collection with location, date and time of collection, chlorine residual, collector's name, and remarks. The report shall be on a form provided by the North Carolina Public Water Supply Section.
- (g) Date and time of sample arrival shall be added to the sample report form when the sample is received in the laboratory.
- (h) Samples shall be received and analyzed within 30 hours of time of collection. Samples that are not analyzed within 30 hours must be rejected and a new sample must be collected.

*History Note: Authority G.S. 130A-315;
Eff. December 1, 1991;
Amended Eff. January 1, 1996; October 1, 1994;
Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. December 23, 2017.*