

SECTION .0500 - SUPPLEMENTAL DESIGN CRITERIA**15A NCAC 18C .0501 PURPOSE**

For the protection of the public health, and pursuant to authority granted by Article 10 of Chapter 130A of the General Statutes of North Carolina, the Commission for Public Health hereby adopts the following rules (15A NCAC 18C .0500 through .1000) as supplemental design criteria for approval of plans and specifications.

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; September 1, 1991; September 1, 1979; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015.

15A NCAC 18C .0502 DESIGN CRITERIA

Community and non-transient, non-community water systems and non-community water systems using surface water or ground water under the influence of surface water shall comply with these supplemental design criteria unless alternate design proposals are approved by the Department. The Department shall consider the following factors in approving an alternate design:

- (1) The potential health risk of using the alternate design;
- (2) The need for deviation from the supplemental design criteria;
- (3) The degree of deviation from the supplemental design criteria; and
- (4) The capability of the alternate design to meet the maximum contaminant levels, treatment techniques and other requirements of this Subchapter.

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; September 1, 1979; January 1, 1978; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015.

15A NCAC 18C .0503 OTHER DESIGN STANDARDS

In evaluating public water systems or water system design features, in addition to the rules in this Subchapter, the Department shall consider standards from the American Water Works Association or Recommended Standards for Water Works – Policies for the Review and Approval of Plans and Specifications for Public Water Supplies by the Great Lakes – Upper Mississippi River Board of State and Provincial Public Health and Environmental Managers which are incorporated by reference, including any subsequent amendments and editions. Copies of the American Water Works Association standards may be obtained from the American Water Works Association, 6666 W. Quincy Avenue, Denver, Colorado 80235 with costs determined by the American Water Works Association and available at www.awwa.org/Publications/Standards. Copies of the Recommended Standards for Water Works may be obtained from the Minnesota Department of Administration available at <https://www.mnbookstore.com/other/miscellaneous-state-agency-products/miscellaneous/recommended-standards-water-14349.html> and for a cost of nineteen dollars and ninety-five cents (\$19.95). An electronic copy can be obtained at no cost from the Minnesota Department of Health website, located at <https://www.health.state.mn.us/communities/environment/water/tenstates/standards.html>.

History Note: Authority G.S. 130A-315; 130A-317; P.L. 93-523; Eff. July 1, 2019 (this Rule was previously codified in 15A NCAC 18C .0715).