

**SECTION .1500 - WATER QUALITY STANDARDS****15A NCAC 18C .1502 MONITORING OF CONSECUTIVE PUBLIC WATER SYSTEMS**

(a) When a public water system supplies water to one or more other public water systems the Department may modify the monitoring requirements imposed by this Section to the extent that the interconnection of the systems justifies treating them as a single system for monitoring purposes. Any modified monitoring shall be conducted pursuant to a schedule specified by the Department and concurred in by the Administrator of the U.S. Environmental Protection Agency.

(b) All public water systems which purchase water for resale and which do not provide any treatment except booster chlorination will be required to perform bacteriological monitoring in accordance with Rule .1534 of this Section.

(c) The Department may exempt a public water system that obtains treated water from another public water system serving more than 10,000 persons from conducting compliance monitoring for the organic chemicals under 15A NCAC 18C .1518(a), provided that the system from which the water is obtained has conducted the analyses required under 15A NCAC 18C .1518(a). Exempted public water systems which disinfect are required to monitor under 15A NCAC 18C .1516.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. September 1, 1979; Amended Eff. June 1, 1988; Transferred and Recodified from 10 NCAC 10D .1628 Eff. April 4, 1990; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015.*

**15A NCAC 18C .1505 TURBIDITY SAMPLING AND ANALYSIS**

The requirements of this Rule shall apply only to public water systems that use water obtained in whole or in part from surface sources. The provisions of 40 C.F.R. 141.22 are hereby incorporated by reference including any subsequent amendments and editions. Copies are available for public inspection as set forth in Rule .0102 of this Subchapter. Any dates set forth in the federal rule shall be applicable.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. September 1, 1979; Amended Eff. March 31, 1981; December 19, 1979; Transferred and Recodified from 10 NCAC 10D .1623 Eff. April 4, 1990; Amended Eff. April 1, 2014; August 1, 2002; January 1, 1991; September 1, 1990; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015*

**15A NCAC 18C .1506 MAXIMUM CONTAMINANT LEVELS FOR TURBIDITY**

The requirements of this Rule shall apply to public water systems that use water obtained in whole or in part from surface water sources. The provisions of 40 C.F.R. 141.13 are hereby incorporated by reference including any subsequent amendments and editions. Copies are available for public inspection as set forth in Rule .0102 of this Subchapter. Any dates set forth in the federal rule shall be applicable.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. September 1, 1979; Transferred and Recodified from 10 NCAC 10D .1614 Eff. April 4, 1990; Amended Eff. April 1, 2014; August 1, 2002; January 1, 1991; September 1, 1990; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015.*

**15A NCAC 18C .1507 CORROSION CONTROL AND LEAD AND COPPER MONITORING**

(a) Control and adjustment of pH shall be provided for community water systems having water with a pH below 6.5. This control and adjustment shall be approved by the Department pursuant to the rules in Section .0300 of this

Subchapter. If the community water system is also required to install corrosion control treatment to comply with (c) of this Rule, it shall meet the minimum pH level required pursuant to Paragraph (c) of this Rule.

(b) The provisions of 40 C.F.R. 141.42 are incorporated by reference, including subsequent amendments and editions. Copies may be obtained as set forth in Rule .0102(b) of this Subchapter.

(c) The provisions of 40 C.F.R. 141, Subpart I - Control of Lead and Copper are incorporated by reference, including subsequent amendments and editions. Copies may be obtained as set forth in Rule .0102(b) of this Subchapter.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. September 1, 1979; Amended Eff. October 1, 1982; February 27, 1982; Transferred and Recodified from 10 NCAC 10D .1621 Eff. April 4, 1990; Amended Eff. April 1, 2014; July 1, 1994; October 1, 1992; December 1, 1991; Readopted Eff. July 1, 2019.*

#### **15A NCAC 18C .1508 INORGANIC CHEMICAL SAMPLING AND ANALYSIS**

The provisions of 40 C.F.R. 141.23 are incorporated by reference, including subsequent amendments and editions. Copies may be obtained as set forth in Rule .0102(b) of this Subchapter. In addition, two or more water systems that are adjacent, that are owned or operated by the same supplier of water, and that together serve 15 or more service connections or 25 or more persons shall submit samples every three years from each section of the water system that is supplied from a separate source.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. September 1, 1979; Amended Eff. March 1, 1989; February 1, 1987; October 1, 1986; April 1, 1983; Transferred and Recodified from 10 NCAC 10D .1625 Eff. April 4, 1990; Amended Eff. April 1, 2014; July 1, 1994; April 1, 1992; December 1, 1991; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015; Amended Eff. July 1, 2019.*

#### **15A NCAC 18C .1509 SPECIAL MONITORING FOR SODIUM**

The provisions of 40 C.F.R. 141.41 are incorporated by reference, including subsequent amendments and editions. Copies may be obtained as set forth in Rule .0102(a) and (b) of this Subchapter.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. February 27, 1982; Transferred and Recodified from 10 NCAC 10D .1636 Eff. April 4, 1990; Amended Eff. April 1, 2014; July 1, 1994; September 1, 1990; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015; Amended Eff. July 1, 2019.*

#### **15A NCAC 18C .1510 MAXIMUM CONTAMINANT LEVELS FOR INORGANIC CHEMICALS**

(a) The provisions of 40 C.F.R. 141.11 are hereby incorporated by reference including any subsequent amendments and editions, except the maximum contaminant level for arsenic shall be regulated as set forth in Paragraph (c) of this Rule. Copies are available for public inspection as set forth in Rule .0102 of this Subchapter.

(b) The provisions of 40 C.F.R. 141.62 are hereby incorporated by reference including any subsequent amendments and editions. Copies are available for public inspection as set forth in Rule .0102 of this Subchapter.

(c) Effective January 1, 2002, the maximum contaminant level for arsenic applies to community and non-transient non-community water systems are as follows:

- (1) The maximum contaminant level for arsenic is 0.010 milligrams per liter, until such time as the USEPA revises the standard to a level lower than 0.010 milligrams per liter at which time the more

- stringent level shall apply.
- (2) Sampling, analytical requirements, and compliance calculations for arsenic shall be conducted as specified for contaminants in Rule .1508 of this Subchapter.
  - (3) Certified laboratories must report quantifiable results down to at least 0.005 milligrams per liter.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. September 1, 1979; Amended Eff. October 1, 1986; October 1, 1982; April 1, 1982; March 31, 1981; Transferred and Recodified from 10 NCAC 10D .1616 Eff. April 4, 1990; Amended Eff. April 1, 1992; Temporary Amendment Eff. January 1, 2002; Amended Eff. April 1, 2014; April 1, 2003; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015.*

#### **15A NCAC 18C .1511 CONCENTRATION OF IRON**

The requirements of this Rule shall apply only to community water systems. A community water system that has an iron concentration in excess of 0.30 mg/l shall provide treatment to control the water quality. Analysis of samples shall be made on an as needed basis determined by the Department and shall include the addition of a new well or other raw water source, an approval of a new community water system, an approval of an existing system not previously approved, or problems and complaints of water quality normally associated with iron concentration.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. September 1, 1979; Transferred and Recodified from 10 NCAC 10D .1619 Eff. April 4, 1990; Amended Eff. July 1, 1994; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015; Amended Eff. July 1, 2019.*

#### **15A NCAC 18C .1512 CONCENTRATION OF MANGANESE**

The requirements of this Rule shall apply only to community water systems. A community water system that has a manganese concentration in excess of 0.05 mg/l shall provide treatment to control the water quality. Analysis of samples shall be made on an as needed basis determined by the Department and shall include the addition of a new well or other raw water source, an approval of a new community water system, an approval of an existing system not previously approved, or problems and complaints of water quality normally associated with manganese concentration.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. September 1, 1979; Amended Eff. September 9, 1980; Transferred and Recodified from 10 NCAC 10D .1620 Eff. April 4, 1990; Amended Eff. July 1, 1994; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015; Amended Eff. November 1, 2020; July 1, 2019.*

#### **15A NCAC 18C .1515 ORGANIC CHEMICALS OTHER THAN TTHM, SAMPLING AND ANALYSIS**

(a) The requirements of this Rule shall apply to community and non-transient non-community water systems. The provisions of 40 C.F.R. 141.24 are incorporated by reference, including subsequent amendments and editions. Copies may be obtained as set forth in Rule .0102(b) of this Subchapter.

(b) If the result of an analysis made pursuant to Paragraph (a) of this Rule indicates that the level of any contaminant regulated under this Subchapter exceeds the maximum contaminant level, the supplier of water shall report to the Department within 48 hours of receipt of the analytical result.

*History Note:* Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141;  
Eff. September 1, 1979;  
Amended Eff. November 1, 1989; December 1, 1988; June 1, 1988; October 1, 1982;  
Transferred and Recodified from 10 NCAC 10D .1624 Eff. April 4, 1990;  
Amended Eff. April 1, 2014; August 1, 2002; April 1, 1992; December 1, 1991; September 1, 1990;  
Readopted Eff. July 1, 2019.

#### **15A NCAC 18C .1516 SPECIAL MONITORING FOR UNREGULATED CONTAMINANTS**

The provisions of 40 C.F.R. 141.40 are incorporated by reference including subsequent amendments and editions. Copies are available for public inspection as set forth in Rule .0102(b) of this Subchapter.

*History Note:* Authority G.S. 130A-313; 130A-315; P.L. 93-523; 40 C.F.R. 141;  
Eff. June 1, 1988;  
Amended Eff. November 1, 1989;  
Transferred and Recodified from 10 NCAC 10D .1638 Eff. April 4, 1990; Amended Eff. April 1, 2014;  
July 1, 1994; April 1, 1992; December 1, 1991; August 1, 1990;  
Readopted Eff. July 1, 2019.

#### **15A NCAC 18C .1518 MAXIMUM CONTAMINANT LEVELS FOR ORGANIC CONTAMINANTS**

The provisions of 40 C.F.R. 141.61 are hereby incorporated by reference including any subsequent amendments and editions. Copies are available for public inspection as set forth in Rule .0102 of this Subchapter.

*History Note:* Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141;  
Eff. June 1, 1988;  
Transferred and Recodified from 10 NCAC 10D .1639 Eff. April 4, 1990;  
Amended Eff. April 1, 2014; April 1, 1992;  
Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015.

#### **15A NCAC 18C .1519 MONITORING FREQUENCY FOR RADIOACTIVITY**

The requirements of this Rule shall apply to community water systems and community adjacent water systems, as defined in G.S. 130A-315(b2). The provisions of 40 C.F.R. 141.26 are incorporated by reference, including subsequent amendments and editions. Copies may be obtained as set forth in Rule .0102(b) of this Subchapter.

*History Note:* Authority G.S. 130A-313; 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. September 1, 1979;  
Amended Eff. March 1, 1989; September 9, 1980; December 19, 1979;  
Transferred and Recodified from 10 NCAC 10D .1627 Eff. April 4, 1990;  
Amended Eff. April 1, 2014; August 1, 2002; July 1, 1994; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015;  
Amended Eff. July 1, 2019.

#### **15A NCAC 18C .1520 MAXIMUM CONTAMINANT LEVELS FOR RADIONUCLIDES**

The provisions of 40 C.F.R. 141.66 are hereby incorporated by reference including any subsequent amendments and editions. Copies are available for public inspection as set forth in Rule .0102 of this Subchapter.

*History Note:* Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141;  
Eff. September 1, 1979;  
Transferred and Recodified from 10 NCAC 10D .1617 Eff. April 4, 1990;  
Amended Eff. April 1, 2014; August 1, 2002; July 1, 1994;  
Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015.

**15A NCAC 18C .1521 MAXIMUM CONTAMINANT LEVEL GOALS FOR RADIONUCLIDES**

The provisions of 40 C.F.R. 141.55 are hereby incorporated by reference including any subsequent amendments and editions. Copies are available for public inspection as set forth in Rule .0102 of this Subchapter.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. September 1, 1979; Transferred and Recodified from 10 NCAC 10D .1618 Eff. April 4, 1990; Amended Eff. April 1, 2014; August 1, 2002; July 1, 1994; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015.*

**15A NCAC 18C .1522 ANALYTICAL METHODS FOR RADIOACTIVITY**

The provisions of 40 C.F.R. 141.25 are hereby incorporated by reference including any subsequent amendments and editions. Copies are available for public inspection as set forth in Rule .0102 of this Subchapter.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. September 1, 1979; Amended Eff. March 31, 1981; March 31, 1980; Transferred and Recodified from 10 NCAC 10D .1626 Eff. April 4, 1990; Amended Eff. April 1, 2014; August 1, 2002; September 1, 1990; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015.*

**15A NCAC 18C .1523 PUBLIC NOTIFICATION REQUIREMENTS**

(a) The provisions of 40 C.F.R. 141, Subpart Q – Public Notification of Drinking Water Violations are incorporated by reference, including subsequent amendments and editions. As authorized by 40 C.F.R. 141.205(c)(2), the Department has determined that multi-lingual notice shall be given if 30 percent or more of the consumers served by the system are non- English speaking. Copies may be obtained as set forth in Rule .0102(b) of this Subchapter.

(b) Special notification for distribution system samples. The requirements of this Paragraph shall be in addition to the public notice requirements set forth in Paragraph (a) of this Rule and to the reporting requirements contained in Rule .1525 of this Subchapter. If a distribution sample that is required to be reported to the Division is taken from the plumbing of a school or daycare, place of residence, or location supplying permanent or temporary housing, the supplier of water shall notify the billing customer at the sampled address if any individual water sample exceeds an action level, maximum contaminant level, or maximum residual disinfectant level established in this Subchapter or if any individual sample is positive for E. coli or any other fecal indicator, as follows:

- (1) For a contaminant listed as Tier 1 in Appendix A to 40 C.F.R. 141, Subpart Q, notice shall be provided within 24 hours of receipt of analytical results. If the initial contact is by telephone, written notice by mail or direct delivery shall also be provided within 48 hours of analytical results. The written notice shall include the analytical results and appropriate health effects language as required by Appendix B to 40 C.F.R. 141, Subpart Q.
- (2) For a contaminant listed as Tier 2 or Tier 3 in Appendix A to 40 C.F.R. 141, Subpart Q, notice shall be provided within 48 hours of receipt of analytical results. Written notice shall be provided by mail or direct delivery and shall include the analytical results and appropriate health effects language as required by Appendix B to 40 C.F.R. 141, Subpart Q.
- (3) The supplier of water shall submit a copy of the written notice and certification of delivery to the Department within 10 days of completing notification.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. January 1, 1990; Transferred and Recodified from 10 NCAC 10D .1642 Eff. April 4, 1990; Amended Eff. April 1, 2014; October 1, 2006; August 1, 2002; April 1, 1992; December 1, 1991; January 1, 1991; October 1, 1990; Readopted Eff. July 1, 2019.*

**15A NCAC 18C .1524 REPORTING FOR UNREGULATED CONTAMINANT MONITORING RESULTS**

The provisions of 40 C.F.R. 141.35 are incorporated by reference, including subsequent amendments and editions. Copies may be obtained as set forth in Rule .0102(b) of this Subchapter.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. June 1, 1988; Amended Eff. November 1, 1989; Transferred and Recodified from 10 NCAC 10D .1640 Eff. April 4, 1990; Readopted Eff. July 1, 2019.*

**15A NCAC 18C .1525 REPORTING REQUIREMENTS**

(a) The requirements of this Rule shall apply to all public water systems. The provisions of 40 C.F.R. 141.31 are incorporated by reference, including subsequent amendments and editions. Copies may be obtained as set forth in Rule .0102(b) of this Subchapter. Any dates set forth in the federal rule shall be applicable.

(b) If a certified laboratory analyzes a compliance sample for a supplier of water, the certified laboratory shall report the results to both the Department and to the supplier of water or his or her designated representative within the periods set forth in 40 C.F.R. 141.31, except that electronic reporting conducted in accordance with 40 C.F.R. 141.31(a) shall be completed within seven days of completion of the analysis. The laboratory reporting to the Department shall include analytical results for any maximum contaminant level exceedance within the timeframes applicable to the system owner. Reporting shall be in a format, including electronic reporting, established by the Department and shall be filled out completely. If a certified laboratory fails to report compliance sample results in accordance with this Paragraph, the supplier of water shall report results to the Department as required by this Rule.

*History Note: Authority G.S. 130A-315; 130A-324; 130A-329; 40 C.F.R. 141; Eff. September 1, 1979; Amended Eff. February 1, 1987; October 1, 1984; March 31, 1981; March 31, 1980; Transferred and Recodified from 10 NCAC 10D .1631 Eff. April 4, 1990; Amended Eff. April 1, 2014; August 1, 2002; January 1, 1991; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015; Amended Eff. July 1, 2019.*

**15A NCAC 18C .1526 RECORD MAINTENANCE**

The provisions of 40 C.F.R. 141.33 are hereby incorporated by reference including any subsequent amendments and editions. Copies are available for public inspection as set forth in Rule .0102 of this Subchapter.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. September 1, 1979; Transferred and Recodified from 10 NCAC 10D .1632 Eff. April 4, 1990; Amended Eff. April 1, 2014; August 1, 2002; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015.*

**15A NCAC 18C .1527 CERTIFIED LABORATORIES**

(a) The provisions of 40 C.F.R. 141.28 are incorporated by reference, including subsequent amendments and editions, with the following exceptions:

- (1) laboratories analyzing samples pursuant to this Subchapter shall be certified for that analytical method by the State Laboratory of Public Health in the Department of Health and Human Services; and
- (2) measurements for alkalinity; bromide; fluoride; calcium; daily chlorite samples at the entrance to the distribution system; conductivity; orthophosphate; pH; residual disinfectant concentrations for chlorine, chloramines, and chlorine dioxide; magnesium; silica; Specific Ultraviolet Absorbance (SUVA); temperature; Total Organic Carbon (TOC); and turbidity may be performed by any person

who holds a valid certificate issued by the North Carolina Water Treatment Facility Operators Board of Certification (NCWTFOBOC). Measurements may also be performed by a person who has been instructed in the measurement procedure by a person who holds a valid certificate issued by the NCWTFOBOC or by a certified laboratory.

(b) Copies may be obtained as set forth in Rule .0102(b) of this Subchapter.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. September 1, 1979; Amended Eff. March 31, 1981; Transferred and Recodified from 10 NCAC 10D .1629 Eff. April 4, 1990; Amended Eff. April 1, 1992; September 1, 1990; Readopted Eff. July 1, 2019.*

#### **15A NCAC 18C .1528 ALTERNATE ANALYTICAL TECHNIQUES**

The provisions of 40 C.F.R. 141.27 are incorporated by reference, including subsequent amendments and editions. Copies may be obtained as set forth in Rule .0102(b) of this Subchapter.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. September 1, 1979; Amended Eff. March 31, 1981; Transferred and Recodified from 10 NCAC 10D .1630 Eff. April 4, 1990; Readopted Eff. July 1, 2019.*

#### **15A NCAC 18C .1529 POINT-OF-ENTRY, BOTTLED WATER, AND OTHER TREATMENT DEVICES**

(a) The provisions of 40 C.F.R. 141 Subpart J – Use of Non-Centralized Treatment Devices are incorporated by reference, including subsequent amendments and editions. Copies may be obtained as set forth in Rule .0102(b) of this Subchapter.

(b) Public water systems shall not use bottled water or point-of-use devices to achieve compliance with a maximum contaminant level. Bottled water or point-of-use devices may be used on a temporary basis until compliance with the maximum contaminant level is achieved.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. June 1, 1988; Transferred and Recodified from 10 NCAC 10D .1641 Eff. April 4, 1990; Amended Eff. September 1, 1990; Readopted Eff. July 1, 2019.*

#### **15A NCAC 18C .1530 CONSTRUCTION**

This Section shall be construed as enabling the State of North Carolina to undertake primary responsibility for the enforcement of the federal act.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. September 1, 1979; Transferred and Recodified from 10 NCAC 10D .1611 Eff. April 4, 1990; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015.*

#### **15A NCAC 18C .1531 SITING REQUIREMENTS**

(a) Any person constructing or modifying a public water system shall to the extent practicable, avoid locating all or part of a new or expanded facility at a site which:

- (1) is subject to a significant risk from earthquakes, floods, fires or other disasters which could cause a breakdown of the public water system or a portion thereof; or
- (2) except for intake structures, is within the floodplain of a 100-year flood or is lower than any recorded

high tide where appropriate records exist.

(b) Additional requirements concerning the siting of raw water intakes shall be found in 15A NCAC 18C .0602.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. September 1, 1979; Amended Eff. March 31, 1980; Transferred and Recodified from 10 NCAC 10D .1612 Eff. April 4, 1990; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015.*

#### **15A NCAC 18C .1532 VARIANCES AND EXEMPTIONS**

The provisions of 40 C.F.R. 141.4 are incorporated by reference, including subsequent amendments and editions. Copies may be obtained as set forth in Rule .0102(b) of this Subchapter.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141; Eff. September 1, 1979; Transferred and Recodified from 10 NCAC 10D .1634 Eff. April 4, 1990; Amended Eff. January 1, 1991; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015; Amended Eff. July 1, 2019.*

#### **15A NCAC 18C .1534 COLIFORM SAMPLING**

(a) The provisions of 40 C.F.R. 141.21 are hereby incorporated by reference including any subsequent amendments and editions. Copies are available for public inspection as set forth in Rule .0102 of this Subchapter. The provisions are incorporated with the following exceptions:

- (1) the provision of 40 C.F.R. 141.21(a)(2) concerning the reduction of monitoring frequency for community water systems serving 25 to 1,000 persons is not adopted;
- (2) the provision of 40 C.F.R. 141.21(b)(3) concerning collection of large volume repeat samples in containers of any size is not adopted; and
- (3) the provision of 40 C.F.R. 141.21(c)(2) concerning waiver of the 24-hour limit for re-sampling is not adopted.

(b) An adjacent water system shall submit samples monthly from each section of the water system supplied from a separate source. The minimum number of samples each month per section is based on the population served by the section and shall be determined by the table in 40 C.F.R. 141.21(a)(2).

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141.21; Eff. January 1, 1991; Amended Eff. April 1, 2014; February 1, 1992; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015.*

#### **15A NCAC 18C .1535 MAXIMUM CONTAMINANT LEVELS FOR COLIFORM BACTERIA**

(a) The provisions of 40 C.F.R. 141.63 are incorporated by reference, including subsequent amendments and editions. Copies may be obtained as set forth in Rule .0102(b) of this Subchapter.

(b) The provisions of 40 C.F.R. 141.52 are incorporated by reference, including subsequent amendments and editions. Copies may be obtained as set forth in Rule .0102(b) of this Subchapter.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141.52; 40 C.F.R. 141.63; Eff. January 1, 1991; Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015; Amended Eff. July 1, 2019.*

**15A NCAC 18C .1536 TREATMENT TECHNIQUES**

The provisions of 40 C.F.R. 141. Subpart K are hereby incorporated by reference including any subsequent amendments and editions. Copies are available for public inspection as set forth in Rule .0102 of this Subchapter.

*History Note: Authority G.S. 130A-315; P.L. 93-523; 40 C.F.R. 141;  
Eff. April 1, 1992;  
Amended Eff. April 1, 2014;  
Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015.*

**15A NCAC 18C .1537 DRINKING WATER TREATMENT CHEMICALS AND SYSTEM COMPONENTS**

(a) The standards established by the American National Standards Institute/NSF International, codified as ANSI/NSF Standard 60 and ANSI/NSF Standard 61, are incorporated by reference including subsequent amendments and editions. ANSI/NSF Standard 60 applies to drinking water treatment chemicals. ANSI/NSF Standard 61 applies to drinking water system components. Copies may be obtained for public inspection as set forth in Rule .0503 of this Subchapter.

(b) A water supply product used in a public water system shall meet the standards incorporated by reference in Paragraph (a) of this Rule. A product certified by an organization having a third-party certification program accredited by the American National Standards Institute to test and certify such products may be used in a public watersystem.

(c) A supplier of water shall maintain a list of all water supply products used in a public water system for inspection by the Department. Prior to using a product not previously listed, a supplier of water shall either determine the product is certified as required by Paragraph (b) of this Rule or notify the Department of the type, name, and manufacturer of a product.

(d) A supplier of water shall not introduce or permit the introduction of a water supply product into a public water system that does not meet the requirements of this Rule.

*History Note: Authority G.S. 130A-315; P.L. 93-523;  
Eff. July 1, 1994;  
Amended Eff. April 1, 2014;  
Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015;  
Amended Eff. July 1, 2019.*

**15A NCAC 18C .1538 CONSUMER CONFIDENCE REPORT**

The provisions of 40 C.F.R. 141, Subpart O - Consumer Confidence Reports are incorporated by reference, including subsequent amendments and editions. Copies may be obtained as set forth in Rule .0102(b) of this Subchapter.

*History Note: Authority G.S. 130A-313; 130A-315; P.L. 93-523; 40 C.F.R. 141;  
Eff. August 1, 2000;  
Amended Eff. April 1, 2014;  
Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. November 23, 2015;  
Amended Eff. July 1, 2019.*

**15A NCAC 18C .1539 REVISED TOTAL COLIFORM RULE**

The provisions of 40 C.F.R. 141, Subpart Y - Revised Total Coliform Rule are hereby incorporated by reference including any subsequent amendments and editions. Copies are available for public inspection as set forth in Rule .0102(a) and (b) of this Subchapter.

*History Note: Authority G.S. 130A-315;  
Eff. July 1, 2015.*

**15A NCAC 18C .1540 CONTROL OF PER- AND POLYFLUOROALKYL SUBSTANCES**

The provisions of 40 C.F.R. 141, Subpart Z – Control of Per- and Polyfluoroalkyl Substances (PFAS) are hereby incorporated by reference including any subsequent amendments and editions. Copies for public inspection are available at no cost from the United States Federal Register at <https://www.federalregister.gov/documents/2024/04/26/2024-07773/pfas-national-primary-drinking-water-regulation#p-amd-25> or from the EPA's Drinking Water Hotline at 1-800-426-4791.

*History Note: Authority G.S. 130A-315; 130A-320(c); P.L. 93-523; 40 C.F.R. 141;  
Eff. September 1, 2025.*