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History Note: Authority G.S. 130A-335(e);
Eff. July 1, 1982;
Amended Eff. January 1, 1990.

15A NCAC 18A .1940 TOPOGRAPHY AND LANDSCAPE POSITION

History Note: Authority G.S. 130A-335(e);
Eff. July 1, 1982;
Amended Eff. January 1, 1990.

15A NCAC 18A .1941 SOIL CHARACTERISTICS (MORPHOLOGY)

History Note: Authority G.S. 130A-335(e);
Eff. July 1, 1982;
Amended Eff. January 1, 1990.

15A NCAC 18A .1942 SOIL WETNESS CONDITIONS

History Note: Authority G.S. 130A-335(e);
Eff. July 1, 1982;
Amended Eff. January 1, 1990;
Temporary Amendment Eff. June 24, 2003; April 17, 2002;
Amended Eff. May 1, 2004.

15A NCAC 18A .1943 SOIL DEPTH

History Note: Authority G.S. 130A-335(e);
Eff. July 1, 1982;
Amended Eff. August 1, 1988.

15A NCAC 18A .1944 RESTRICTIVE HORIZONS

History Note: Authority G.S. 130A-335(e);
Eff. July 1, 1982;
Amended Eff. January 1, 1990; October 1, 1983.

1 **15A NCAC 18A .1945 AVAILABLE SPACE**

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3 *History Note: Authority G.S. 130A-335(e) and (f);*
4 *Eff. July 1, 1982;*
5 *Amended Eff. February 1, 1992; July 1, 1983; January 1, 1983.*

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7 **15A NCAC 18A .1946 OTHER APPLICABLE FACTORS**

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9 *History Note: Authority G.S. 130A-335(e);*
10 *Eff. July 1, 1982;*
11 *Amended Eff. January 1, 1990.*

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13 **15A NCAC 18A .1947 DETERMINATION OF OVERALL SITE SUITABILITY**

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15 *History Note: Authority G.S. 130A-335(e);*
16 *Eff. July 1, 1982;*
17 *Amended Eff. January 1, 1990.*

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19 **15A NCAC 18A .1948 SITE CLASSIFICATION**

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21 *History Note: Authority G.S. 130A-335(e);*
22 *Eff. July 1, 1982;*
23 *Amended Eff. April 1, 1993; January 1, 1990.*

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25 **15A NCAC 18A .1949 SEWAGE FLOW RATES FOR DESIGN UNITS**

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27 *History Note: Authority G.S. 130A-335(e);*
28 *Eff. July 1, 1982;*
29 *Amended Eff. January 1, 1990; January 1, 1984.*

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31 **15A NCAC 18A .1950 LOCATION OF SANITARY SEWAGE SYSTEMS**

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33 *History Note: Authority G.S. 130A-335(e) and (f);*
34 *Eff. July 1, 1982;*
35 *Amended Eff. January 1, 1990; October 1, 1982.*

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37 **15A NCAC 18A .1951 APPLICABILITY OF RULES**

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History Note: Authority G.S. 130A-335(e);
Eff. July 1, 1982;
Amended Eff. January 1, 1990.

**15A NCAC 18A .1952 SEPTIC TANK, EFFLUENT FILTER, DOSING TANK AND LIFT STATION
DESIGN**

History Note: Authority G.S. 130A-335 (e)(f)(f1)[2nd];
Eff. July 1, 1982;
Amended Eff. August 1, 1991; January 1, 1990;
Temporary Amendment Eff. January 1, 1999;
Amended Eff. August 1, 2000.

15A NCAC 18A .1953 PREFABRICATED SEPTIC TANKS AND PUMP TANKS

History Note: Authority G.S. 130A-335 (e)(f)(f1)[2nd];
Eff. July 1, 1982;
Amended Eff. January 1, 1990;
Temporary Amendment Eff. January 1, 1999;
Amended Eff. August 1, 2000.

15A NCAC 18A .1954 MINIMUM STANDARDS FOR PRECAST REINFORCED CONCRETE TANKS

History Note: Authority G.S. 130A-335 (e)(f)(f1)[2nd];
Eff. July 1, 1982;
Amended Eff. August 1, 1991; January 1, 1990;
Temporary Amendment Eff. January 1, 1999;
Amended Eff. August 1, 2000.

**15A NCAC 18A .1955 DESIGN INSTALLATION CRITERIA FOR CONVENTIONAL SEWAGE
SYSTEMS**

History Note: Authority G.S. 130A-335 (e)(f)(f1)[2nd];
Eff. July 1, 1982;
Amended Eff. August 1, 1991; January 1, 1990; August 1, 1988; February 1, 1987;
Temporary Amendment Eff. January 1, 1999;

1 *Amended Eff. August 1, 2000.*

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3 **15A NCAC 18A .1956 MODIFICATIONS TO SEPTIC TANK SYSTEMS**

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5 *History Note: Authority G.S. 130A-335(e) and (f);*
6 *Eff. July 1, 1982;*
7 *Amended Eff. August 1, 2007; November 1, 1999; July 1, 1995; April 1, 1993; January 1, 1990;*
8 *August 1, 1988.*

9
10 **15A NCAC 18A .1957 CRITERIA FOR DESIGN OF ALTERNATIVE SEWAGE SYSTEMS**

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12 *History Note: Authority G.S. 130A-335(e),(f); 130A-342;*
13 *Eff. July 1, 1982;*
14 *Amended Eff. June 1, 2006; April 1, 1993; May 1, 1991; December 1, 1990; January 1, 1990.*

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16 **15A NCAC 18A .1958 NON-GROUND ABSORPTION SEWAGE TREATMENT SYSTEMS**

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18 *History Note: Authority G.S. 89C; 89E; 89F; 90A; 130A-335;*
19 *Eff. July 1, 1982;*
20 *Amended Eff. August 1, 1991; January 1, 1990;*
21 *Temporary Amendment Eff. January 20, 1997;*
22 *Amended Eff. August 1, 1998.*

23
24 **15A NCAC 18A .1959 PRIVY CONSTRUCTION**

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26 *History Note: Authority G.S. 130A-335(e);*
27 *Eff. July 1, 1982;*
28 *Amended Eff. December 1, 1990.*

29
30 **15A NCAC 18A .1960 MAINTENANCE OF PRIVIES**

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32 *History Note: Authority G.S. 130A-335(e) and (f);*
33 *Eff. July 1, 1982;*
34 *Amended Eff. January 1, 1990.*

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36 **15A NCAC 18A .1961 MAINTENANCE OF SEWAGE SYSTEMS**

1 *History Note:* *Filed as a Temporary Amendment Eff. July 3, 1991, for a period of 180 days to expire on December*
2 *30, 1991;*
3 *Filed as a Temporary Amendment Eff. June 30, 1990, for a period of 180 days to expire on*
4 *December 27, 1990;*
5 *Authority G.S. 130A-335(e),(f);*
6 *Eff. July 1, 1982;*
7 *Amended Eff. August 1, 1991; October 1, 1990; January 1, 1990; August 1, 1988;*
8 *Temporary Amendment Eff. January 20, 1997;*
9 *Amended Eff. August 1, 1998.*

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11 **15A NCAC 18A .1962 APPLICABILITY**

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13 *History Note:* *Authority G.S. 130A-335(e);*
14 *Eff. July 1, 1982;*
15 *Amended Eff. August 1, 1991; December 1, 1990.*

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17 **15A NCAC 18A .1964 INTERPRETATION AND TECHNICAL ASSISTANCE**

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19 *History Note:* *Authority G.S. 130A-335(e);*
20 *Eff. July 1, 1982;*
21 *Amended Eff. January 1, 1990.*

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23 **15A NCAC 18A .1965 APPEALS PROCEDURE**

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25 *History Note:* *Authority G.S. 130A-335(e);*
26 *Eff. July 1, 1982;*
27 *Amended Eff. February 1, 1987.*

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29 **15A NCAC 18A .1966 SEVERABILITY**

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31 *History Note:* *Authority G.S. 130A-335(e);*
32 *Eff. July 1, 1982.*

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34 **15A NCAC 18A .1967 INJUNCTIONS**

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36 *History Note:* *Authority G.S. 130A-335(e);*
37 *Eff. July 1, 1982;*

1 *Amended Eff. January 1, 1985.*

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3 **15A NCAC 18A .1968 PENALTIES**

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5 *History Note: Authority G.S. 130A-335(e);*
6 *Eff. July 1, 1982;*
7 *Amended Eff. January 1, 1985.*

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9 **15A NCAC 18A .1969 APPROVAL AND PERMITTING OF ON-SITE SUBSURFACE WASTEWATER**
10 **SYSTEMS, TECHNOLOGIES, COMPONENTS, OR DEVICES**

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12 *History Note: Authority G.S. 130A-335(e),(f); 130A-343;*
13 *Eff. April 1, 1993;*
14 *Temporary Amendment Eff. June 24, 2003; February 1, 2003;*
15 *Amended Eff. June 1, 2006; February 1, 2005; May 1, 2004.*

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17 **15A NCAC 18A .1970 ADVANCED WASTEWATER PRETREATMENT SYSTEM**

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19 *History Note: Authority G.S. 130A-334; 130A-335; 130A-336; 130A-337; 130A-340; 130A-342; 130A-343;*
20 *Eff. June 1, 2006;*
21 *Amended Eff. October 1, 2011.*

22
23 **15A NCAC 18A .1971 ENGINEERED OPTION PERMIT**

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25 *History Note: Authority G.S. 130A-335; 130A-336.1;*
26 *Temporary Adoption Eff. July 1, 2016;*
27 *Eff. April 1, 2017.*