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**CHAPTER 18 - ENVIRONMENTAL HEALTH**

**SUBCHAPTER 18A - SANITATION**

**SECTION .1900 - SEWAGE TREATMENT AND DISPOSAL SYSTEMS**

**15A NCAC 18A .1934 SCOPE**

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

**15A NCAC 18A .1935 DEFINITIONS**

*History Note:* Authority G.S. 130A-335(e) and (f);  
Eff. July 1, 1982;  
Amended Eff. July 1, 1995; January 1, 1990; August 1, 1988; April 1, 1985;  
Temporary Amendment Eff. June 24, 2003;  
Amended Eff. June 1, 2006; May 1, 2004.

**15A NCAC 18A .1937 PERMITS**

*History Note:* Authority G.S. 130A-335(e),(f);  
Eff. July 1, 1982;  
Amended Eff. August 1, 1991; January 1, 1990; January 1, 1984;  
Temporary Amendment Eff. January 20, 1997;  
Amended Eff. August 1, 1998.

**15A NCAC 18A .1938 RESPONSIBILITIES**

*History Note:* Authority G.S. 89C; 89E; 89F; 90A; 130A-335(e),(f);  
Eff. July 1, 1982;  
Amended Eff. January 1, 1990; April 1, 1985;  
Temporary Amendment Eff. January 20, 1997;  
Amended Eff. November 1, 1999; August 1, 1998.

**15A NCAC 18A .1939 SITE EVALUATION**

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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.*

18

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.*

24

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

26

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.*

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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.*

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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.*

35  
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.*

16

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.*

22

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

24

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

28

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.*

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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.*