

**15A NCAC 18E .0103 INCORPORATION BY REFERENCE**

For this Subchapter, the following rules, standards, and other materials are hereby incorporated by reference, including any subsequent amendments and editions. Table I lists the agency, document title, contact information, and terms for access to referenced documents.

**Table I: Rules, standards, and other materials incorporated by reference**

USDA-NRCS	
Soil Survey Laboratory Information Manual, Soil Survey Investigations Report No. 45	Available at no charge at: <a href="http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/ref/">http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/ref/</a>
Kellogg Soil Survey Laboratory Methods Manual, Soil Survey Investigation Report No. 42	Available at no charge at: <a href="http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/ref/">http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/ref/</a>
Field Book for Describing and Sampling Soils	Available at no charge at: <a href="http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/ref/copy">http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/ref/copy</a> or U. S. Government Publishing Office, P. O. Box 979050, St. Louis, MO, 63197-9000
Guide to Soil Texture by Feel, Journal of Agronomic Education	Available at no charge at: <a href="http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/edu/?cid=nrcs142p2_054311">http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/edu/?cid=nrcs142p2_054311</a>
National Engineering Handbook, Part 624 (Drainage), Chapter 10 (Water Table Control); Part 630 (Hydrology), Chapter 18; Part 650 (Engineering Field Handbook), Chapter 14 (Water Management, Drainage)	Available at no charge at: <a href="http://www.nrcs.usda.gov/wps/portal/nrcs/detail/mi/technical/engineering">http://www.nrcs.usda.gov/wps/portal/nrcs/detail/mi/technical/engineering</a>
National Electrical Manufacturers Association 1300 North 17 <sup>th</sup> Street, Suite 900, Arlington, VA 22209 <a href="http://www.nema.org">www.nema.org</a>	
Standard 250 – Enclosures for Electrical Equipment	One hundred twenty four dollars (\$124.00)
U. S. Environmental Protection Agency (EPA) U. S. EPA/NSCEP P. O. Box 42419, Cincinnati, OH 45242-0419	
Method 9080 – Cation Exchange Capacity of Soils	Available at no charge at: <a href="https://www.epa.gov/hw-sw846/sw-846-test-method-9080-cation-exchange-capacity-soils-ammonium-acetate">https://www.epa.gov/hw-sw846/sw-846-test-method-9080-cation-exchange-capacity-soils-ammonium-acetate</a>
ASTM International 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19438-2959 <a href="http://www.astm.org">http://www.astm.org</a>	
C564 – Standard Specifications for Rubber Gaskets for Cast Iron Soil Pipe and Fittings	Forty six dollars (\$46.00) each plus seven dollars and forty four cents (\$7.44) shipping and handling
C890 – Standard Practice for Minimum Structural Design Loading for Monolithic or Sectional Precast Concrete Water and Wastewater Structures	Fifty two dollars (\$52.00) each plus fourteen dollars and seventy one cents (\$14.71) shipping and handling
C923 – Standard Specifications for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes, and Laterals	Forty six dollars (\$46.00) each plus seven dollars and forty four cents (\$7.44) shipping and handling
C990 – Standard Specifications for Joints for Concrete Pipe, Manholes, and Precast Box Sections Using Preformed Flexible Joint Sealants	Forty six dollars (\$46.00) each plus seven dollars and forty four cents (\$7.44) shipping and handling
C1644 – Standard Specification for	Fifty two dollars (\$52.00) each plus fourteen dollars and seventy one

Resilient Connectors Between Reinforced Concrete On-Site Wastewater Tanks and Pipes	cents (\$14.71) shipping and handling
D448 – Standard Classification for Sizes of Aggregate for Road and Bridge Construction	Forty six dollars (\$46.00) each plus seven dollars and forty four cents (\$7.44) shipping and handling
D1784 – Standard Specification for Rigid Poly (Vinyl Chloride)(PVC) Compounds and Chlorinated Poly (Vinyl Chloride)(CPVC) Compounds	Forty six dollars (\$46.00) each plus seven dollars and forty four cents (\$7.44) shipping and handling
D1785 – Standard Specifications for Poly (Vinyl Chloride)(PVC) Plastic Pipe, Schedules 40, 80, and 120	Fifty eight dollars (\$58.00) plus fourteen dollars and seventy one cents (\$14.71) shipping and handling
D2241 – Standard Specification for Poly (Vinyl Chloride)(PVC) Pressure-Rated Pipe (SDR Series)	Fifty two dollars (\$52.00) each plus fourteen dollars and seventy one cents (\$14.71) shipping and handling
D2466 – Standard Specification for Poly (Vinyl Chloride)(PVC) Plastic Pipe Fittings, Schedule 40	Fifty two dollars (\$52.00) each plus fourteen dollars and seventy one cents (\$14.71) shipping and handling
D2564 – Standard Specification for Solvent Cements for Poly (Vinyl Chloride)(PVC) Plastic Piping Systems	Fifty two dollars (\$52.00) each plus fourteen dollars and seventy one cents (\$14.71) shipping and handling
D2729 – Standard Specification for Poly (Vinyl Chloride)(PVC) Sewer Pipe and Fittings	Fifty two dollars (\$52.00) each plus fourteen dollars and seventy one cents (\$14.71) shipping and handling
D2774 – Standard Practice for Underground Installation of Thermoplastic Pressure Piping	Fifty two dollars (\$52.00) each plus fourteen dollars and seventy one cents (\$14.71) shipping and handling
D3034 – Standard Specification for Type PSM Poly (Vinyl Chloride)(PVC) Sewer Pipe and Fittings	Fifty eight dollars (\$58.00) plus fourteen dollars and seventy one cents (\$14.71) shipping and handling
D6913 – Standard Test Methods for Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	Seventy five dollars (\$75.00) each plus fourteen dollars and seventy one cents (\$14.71) shipping and handling
D7928 – Standard Test Method for Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis	Seventy five dollars (\$75.00) each plus fourteen dollars and seventy one cents (\$14.71) shipping and handling
F667 – Standard Specification for 3 through 24 in. Corrugated Polyethylene Pipe and Fittings	Fifty two dollars (\$52.00) each plus fourteen dollars and seventy one cents (\$14.71) shipping and handling
F810 – Standard Specification for Smoothwall Polyethylene (PE) Pipe for Use in Drainage and Waste Disposal Absorption Fields	Forty six dollars (\$46.00) each plus seven dollars and forty four cents (\$7.44) shipping and handling
North Carolina Administrative Code	
15A NCAC 010 – Environmental Health	Available at no charge at: <a href="http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2001%20-%20departmental%20rules/subchapter%20o/subchapter%20o%20rules.html">http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2001%20-%20departmental%20rules/subchapter%20o/subchapter%20o%20rules.html</a>
15A NCAC 02B – Surface Water and Wetland Standards	Available at no charge at: <a href="http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2002%20-%20environmental%20management/subchapter%20b/subchapter%20">http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2002%20-%20environmental%20management/subchapter%20b/subchapter%20</a>

	b%20rules.pdf
15A NCAC 02C – Well Construction Standards	Available at no charge at: <a href="http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2002%20-%20environmental%20management/subchapter%20c/subchapter%20c%20rules.pdf">http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2002%20-%20environmental%20management/subchapter%20c/subchapter%20c%20rules.pdf</a>
15A NCAC 02H – Procedures for Permits: Approvals	Available at no charge at: <a href="http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2002%20-%20environmental%20management/subchapter%20h/15a%20ncac%2002h%20.0101.pdf">http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2002%20-%20environmental%20management/subchapter%20h/15a%20ncac%2002h%20.0101.pdf</a>
15A NCAC 02L – Groundwater Classification and Standards	Available at no charge at: <a href="http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2002%20-%20environmental%20management/subchapter%20l/subchapter%20l%20rules.pdf">http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2002%20-%20environmental%20management/subchapter%20l/subchapter%20l%20rules.pdf</a>
15A NCAC 02T – Waste Not Discharged to Surface Waters	Available at no charge at: <a href="http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2002%20-%20environmental%20management/subchapter%20t/subchapter%20t%20rules.pdf">http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2002%20-%20environmental%20management/subchapter%20t/subchapter%20t%20rules.pdf</a>
15A NCAC 02U – Reclaimed Water	Available at no charge at: <a href="http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2002%20-%20environmental%20management/subchapter%20u/subchapter%20u%20rules.pdf">http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2002%20-%20environmental%20management/subchapter%20u/subchapter%20u%20rules.pdf</a>
15A NCAC 08G – Authority: Organization: Structure: Definitions	Available at no charge at: <a href="http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2008%20-%20water%20pollution%20control%20system%20operators%20certification%20commission/subchapter%20g/subchapter%20g%20rules.pdf">http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2008%20-%20water%20pollution%20control%20system%20operators%20certification%20commission/subchapter%20g/subchapter%20g%20rules.pdf</a>
15A NCAC 13B – Solid Waste Management	Available at no charge at: <a href="http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2013%20-%20solid%20waste%20management/subchapter%20b/subchapter%20b%20rules.pdf">http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2013%20-%20solid%20waste%20management/subchapter%20b/subchapter%20b%20rules.pdf</a>
15A NCAC 18A – Sanitation	Available at no charge at: <a href="http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2018%20-%20environmental%20health/subchapter%20a/subchapter%20a%20rules.pdf">http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2018%20-%20environmental%20health/subchapter%20a/subchapter%20a%20rules.pdf</a>
15A NCAC 18C – Water Supplies	Available at no charge at: <a href="http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2018%20-%20environmental%20health/subchapter%20c/subchapter%20c%20rules.pdf">http://reports.oah.state.nc.us/ncac/title%2015a%20-%20environmental%20quality/chapter%2018%20-%20environmental%20health/subchapter%20c/subchapter%20c%20rules.pdf</a>
21 NCAC 39 – On-Site Wastewater Contractors and Inspectors Certification	Available at no charge at: <a href="http://reports.oah.state.nc.us/ncac.asp?folderName=\Title%2021%20-%20Occupational%20Licensing%20Boards%20and%20Commissions\Chapter%2039%20-%20On-Site%20Wastewater%20Contractors%20and%20Inspectors%20Certification">http://reports.oah.state.nc.us/ncac.asp?folderName=\Title%2021%20-%20Occupational%20Licensing%20Boards%20and%20Commissions\Chapter%2039%20-%20On-Site%20Wastewater%20Contractors%20and%20Inspectors%20Certification</a>
NSF International PO Box 130140, Ann Arbor, MI 48105	

<a href="http://www.nsf.org/">http://www.nsf.org/</a>	
NSF/ANSI Standard 40 – Residential Wastewater Systems	One hundred five dollars (\$105.00) each plus shipping and handling
NSF/ANSI Standard 41 – Non-Liquid Saturated Treatment Systems	One hundred five dollars (\$105.00) each plus shipping and handling
NSF/ANSI Standard 46 – Evaluation of Components and Devices Used in Wastewater Treatment Systems	One hundred five dollars (\$105.00) each plus shipping and handling
NSF/ANSI Standard 245 – Wastewater Treatment Systems – Nitrogen Reduction	One hundred five dollars (\$105.00) each plus shipping and handling
NSF/ANSI Standard 350 – Onsite Residential and Commercial Water Reuse Treatment	One hundred five dollars (\$105.00) each plus shipping and handling
IAPMO 4755 E Philadelphia St, Ontario, CA 91761 <a href="http://www.iapmo.org/Pages/IAPMOgroup.aspx">http://www.iapmo.org/Pages/IAPMOgroup.aspx</a>	
IAPMO/ANSI Z1000 – Prefabricated Septic Tanks	One hundred dollars (\$100.00) each
CSA 178 Rexdale Blvd, Toronto, ON Canada M9W 1R3 <a href="http://www.csagroup.org/">http://www.csagroup.org/</a>	
B66 – Design, material, and manufacturing requirements for prefabricated septic tanks and sewage holding tanks	One hundred eighty dollars (\$180.00) each plus eighteen dollars (\$18.00) shipping and handling
2012 North Carolina Plumbing Code	
	Available at no charge at: <a href="https://codes.iccsafe.org/public/collections/nc">https://codes.iccsafe.org/public/collections/nc</a>
2015 North Carolina Building Code	
	Available at no charge at: <a href="https://codes.iccsafe.org/public/collections/nc">https://codes.iccsafe.org/public/collections/nc</a>
North Carolina Food Code Manual	
	Available at no charge at: <a href="http://ehs.ncpublichealth.com/faf/docs/foodprot/NC-FoodCodeManual-2009-FINAL.pdf">http://ehs.ncpublichealth.com/faf/docs/foodprot/NC-FoodCodeManual-2009-FINAL.pdf</a>
U.S. Government Publishing Office 732 North Capitol St, NW, Washington, DC 20401-0001 <a href="https://bookstore.gpo.gov/">https://bookstore.gpo.gov/</a>	
40 CFR 136	Sixty seven dollars (\$67.00) each
Forestry Suppliers, Inc PO Box 8397 Jackson, MS 39284-8397 <a href="https://www.forestry-suppliers.com/">https://www.forestry-suppliers.com/</a>	
Munsell® Soil Color Book	One hundred ninety five dollars (\$195.00) each plus shipping and handling
National Technical Information Service 5301 Shawnee Rd Alexandria, VA 22312 <a href="https://www.ntis.gov/">https://www.ntis.gov/</a>	
DRAINMOD User's Guide	Available at no charge at: <a href="https://ntrl.ntis.gov/NTRL/dashboard/searchResults/titleDetail/PB96112438.xhtml">https://ntrl.ntis.gov/NTRL/dashboard/searchResults/titleDetail/PB96112438.xhtml</a>

*History Note: Authority G.S. 130A-335(e); Eff. January 1, 2024.*