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States' Applicator Certification & Education Statutes & Regulations: *North Carolina*



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A National Agricultural Law Center Research Publication
States' Applicator Certification & Education Statutes &
Regulations: North Carolina

NC Gen Stat § 143-214.5
NC Gen Stat § 143-215.3(a)(1)
NC Gen Stat § 143-215.8B
NC Gen Stat § 143B-282(c)-(d)
15A NC Admin Code 2B.0239(1)(a)
15A NC Admin Code 2B.0257
15A NC Admin Code 2B.0272(2)-(4)

*The statutes and Constitution are current through the 2018 regular and special legislative sessions.
The statutes are subject to changes by the North Carolina Revisor of Statutes.*

NC Gen Stat § 143-214.5. Water supply watershed protection.

(a) Policy Statement. - This section provides for a cooperative program of water supply watershed management and protection to be administered by local governments consistent with minimum statewide management requirements established by the Commission. If a local government fails to adopt a water supply watershed protection program or does not adequately carry out its responsibility to enforce the minimum water supply watershed management requirements of its approved program, the Commission shall administer and enforce the minimum statewide requirements. The reduction of agricultural nonpoint source discharges shall be accomplished primarily through the Agriculture Cost Share Program for Nonpoint Source Pollution Control.

(b) Development and Adoption of Water Supply Watershed Classifications and Management Requirements. - The Commission shall adopt rules for the classification of water supply watersheds and that establish minimum statewide water supply watershed protection requirements applicable to each classification to protect surface water supplies by

- (i) controlling development density,
- (ii) providing for performance-based alternatives to development density controls that are based on sound engineering principles, or
- (iii) a combination of both (i) and (ii).



The Commission may designate water supply watersheds or portions thereof as critical water supply watersheds and impose management requirements that are more stringent than the minimum statewide water supply watershed management requirements. The Commission may adopt rules that require that any permit issued by a local government for a development or construction activity conducted by that local government within a designated water supply watershed be approved by the Department prior to issuance. Any variance from the minimum statewide water supply watershed management requirements must be approved by the Commission prior to the issuance of a permit by a local government. Except as provided by G.S. 153A-347 and G.S. 160A-392, the power to implement this section with respect to development or construction activities that are conducted by State agencies is vested exclusively in the Commission.

(c) Classification of Water Supply Watersheds. - The Commission shall assign to each water supply watershed in the State the appropriate classification with the applicable minimum management requirements. The Commission may reclassify water supply watersheds as necessary to protect future water supplies or improve protection at existing water supplies. A local government shall not be required to submit a revised water supply watershed protection program to the Commission earlier than 270 days after it receives notice of a reclassification from the Commission.

(d) Mandatory Local Programs. - The Department shall assist local governments to develop water supply watershed protection programs that comply with this section. Local government compliance programs shall include an implementing local ordinance and shall provide for maintenance, inspection, and enforcement procedures. As part of its assistance to local governments, the Commission shall approve and make available a model local water supply watershed management and protection ordinance. The model management and protection ordinance adopted by the Commission shall, at a minimum, include as options

- (i) controlling development density,
- (ii) providing for performance-based alternatives to development density controls that are based on sound engineering principles, and
- (iii) a combination of both (i) and (ii).

Local governments shall administer and enforce the minimum management requirements. Every local government that has within its jurisdiction all or a portion of a water supply watershed shall submit a local water supply watershed management and protection ordinance to the Commission for



approval. Local governments may adopt such ordinances pursuant to their general police power, power to regulate the subdivision of land, zoning power, or any combination of such powers. In adopting a local ordinance that imposes water supply watershed management requirements that are more stringent than those adopted by the Commission, a county must comply with the notice provisions of G.S. 153A-343 and a municipality must comply with the notice provisions of G.S. 160A-384. This section shall not be construed to affect the validity of any local ordinance adopted for the protection of water supply watersheds prior to completion of the review of the ordinance by the Commission or prior to the assumption by the Commission of responsibility for a local water supply watershed protection program. Local governments may create or designate agencies to administer and enforce such programs. The Commission shall approve a local program only if it determines that the requirements of the program equal or exceed the minimum statewide water supply watershed management requirements adopted pursuant to this section.

(d1) A local ordinance adopted to implement the minimum statewide water supply watershed management requirements applicable to agriculture and silviculture activities shall be no more restrictive than those adopted by the Commission. In adopting minimum statewide water supply watershed management requirements applicable to agriculture activities, the Commission shall consider the policy regarding agricultural nonpoint source discharges set out in subsection (a) of this section. The Commission may by rule designate another State agency to administer the minimum statewide water supply watershed management requirements applicable to agriculture and silviculture activities. If the Commission designates another State agency to administer the minimum statewide water supply watershed management requirements applicable to agriculture and silviculture activities, management requirements adopted by local governments shall not apply to such activities.

(d2) A local government implementing a water supply watershed program shall allow an applicant to average development density on up to two noncontiguous properties for purposes of achieving compliance with the water supply watershed development standards if all of the following circumstances exist:

(1) The properties are within the same water supply watershed. If one of the properties is located in the critical area of the watershed, the critical area property shall not be developed beyond the applicable density requirements for its classification.

(2) Overall project density meets applicable density or stormwater control requirements under 15A NCAC 2B .0200.



(3) Vegetated buffers on both properties meet the minimum statewide water supply watershed protection requirements.

(4) Built upon areas are designed and located to minimize stormwater runoff impact to the receiving waters, minimize concentrated stormwater flow, maximize the use of sheet flow through vegetated areas, and maximize the flow length through vegetated areas.

(5) Areas of concentrated density development are located in upland areas and, to the maximum extent practicable, away from surface waters and drainageways.

(6) The property or portions of the properties that are not being developed will remain in a vegetated or natural state and will be managed by a homeowners' association as common area, conveyed to a local government as a park or greenway, or placed under a permanent conservation or farmland preservation easement unless it can be demonstrated that the local government can ensure long-term compliance through deed restrictions and an electronic permitting mechanism. A metes and bounds description of the areas to remain vegetated and limits on use shall be recorded on the subdivision plat, in homeowners' covenants, and on individual deed and shall be irrevocable.

(7) Development permitted under density averaging and meeting applicable low density requirements shall transport stormwater runoff by vegetated conveyances to the maximum extent practicable.

(8) A special use permit or other such permit or certificate shall be obtained from the local Watershed Review Board or Board of Adjustment to ensure that both properties considered together meet the standards of the watershed ordinance and that potential owners have record of how the watershed regulations were applied to the properties.

(e) Assumption of Local Programs. – The Commission shall assume responsibility for water supply watershed protection, within all or the affected portion of a water supply watershed, if a local government fails to adopt a program that meets the requirements of this section or whenever a local government fails to adequately administer and enforce the provisions of its program. The Commission shall not assume responsibility for an approved local water supply watershed protection program until it or its designee notifies the local government in writing by certified mail, return receipt requested, of local program deficiencies, recommendations for changes and improvements in the local program, and the deadline for compliance. The Commission shall allow a local government a minimum of 120 days to bring its



program into compliance. The Commission shall order assumption of an approved local program if it finds that the local government has made no substantial progress toward compliance. The Commission may make such finding at any time between 120 days and 365 days after receipt of notice under this subsection by the local government, with no further notice. Proceedings to review such orders by the Commission shall be conducted by the superior court pursuant to Article 4 of Chapter 150B of the General Statutes based on the agency record submitted to the Commission by the Secretary.

(f) State Enforcement Authority. - The Commission may take any appropriate preventive or remedial enforcement action authorized by this Part against any person who violates any minimum statewide water supply watershed management requirement.

(g) Civil Penalties. - A local government that fails to adopt a local water supply watershed protection program as required by this section or willfully fails to administer or enforce the provisions of its program in substantial compliance with the minimum statewide water supply watershed management requirements shall be subject to a civil penalty pursuant to G.S. 143-215.6A(e). In any area of the State that is not covered by an approved local water supply watershed protection program, any person who violates or fails to act in accordance with any minimum statewide water supply watershed management requirement or more stringent management requirement adopted by the Commission for a critical water supply watershed established pursuant to this section shall be subject to a civil penalty as specified in G.S. 143-215.6A(a)(7).

The clear proceeds of civil penalties provided for in this section shall be remitted to the Civil Penalty and Forfeiture Fund in accordance with G.S. 115C-457.2.

(h) Planning Grants to Local Governments. - The Secretary may make annual grants to local governments for the purpose of assisting in the development of local water supply watershed protection programs. The Secretary shall develop and administer generally applicable criteria under which local governments may qualify for such assistance. Such criteria shall give priority to local governments that are not then administering zoning ordinances in affected water supply watershed areas.

(i) Every State agency shall act in a manner consistent with the policies and purposes of this section, and shall comply with the minimum statewide water supply watershed management requirements adopted by the Commission and with all water supply watershed management and protection ordinances adopted by local governments.



NC Gen Stat § 143-215.3. General powers of Commission and Department; auxiliary powers.

(a) Additional Powers. - In addition to the specific powers prescribed elsewhere in this Article, and for the purpose of carrying out its duties, the Commission shall have the power:

(1) To make rules implementing Articles 21, 21A, 21B, or 38 of this Chapter.

(1a) To adopt fee schedules and collect fees for the following:

a. Processing of applications for permits or registrations issued under Article 21, other than Parts 1 and 1A, Articles 21A, 21B, and 38 of this Chapter;

b. Administering permits or registrations issued under Article 21, other than Parts 1 and 1A, Articles 21A, 21B, and 38 of this Chapter including monitoring compliance with the terms of those permits; and

c. Reviewing, processing, and publicizing applications for construction grant awards under the Federal Water Pollution Control Act.

No fee may be charged under this provision, however, to a farmer who submits an application that pertains to his farming operations.

(1b) The fee to be charged pursuant to G.S. 143-215.3(a)(1a) for processing an application for a permit under G.S. 143-215.108 and G.S. 143-215.109 of Article 21B of this Chapter may not exceed five hundred dollars (\$500.00). The fee to be charged pursuant to G.S. 143-215.3(a)(1a) for processing a registration under Part 2A of this Article or Article 38 of this Chapter may not exceed fifty dollars (\$50.00) for any single registration. An additional fee of twenty percent (20%) of the registration processing fee may be assessed for a late registration under Article 38 of this Chapter. The fee for administering and compliance monitoring under Article 21, other than Parts 1 and 1A, and G.S. 143-215.108 and G.S. 143-215.109 of Article 21B shall be charged on an annual basis for each year of the permit term and may not exceed one thousand five hundred dollars (\$1,500) per year. Fees for processing all permits under Article 21A and all other sections of Article 21B shall not exceed one hundred dollars (\$100.00) for any single permit. The total payment for fees that are set by the Commission under this subsection for all permits for any single facility shall not exceed seven thousand



five hundred dollars (\$7,500) per year, which amount shall include all application fees and fees for administration and compliance monitoring. A single facility is defined to be any contiguous area under one ownership and in which permitted activities occur. For all permits issued under these Articles where a fee schedule is not specified in the statutes, the Commission, or other commission specified by statute shall adopt a fee schedule in a rule following the procedures established by the Administrative Procedure Act. Fee schedules shall be established to reflect the size of the emission or discharge, the potential impact on the environment, the staff costs involved, relative costs of the issuance of new permits and the reissuance of existing permits, and shall include adequate safeguards to prevent unusual fee assessments which would result in serious economic burden on an individual applicant. A system shall be considered to allow consolidated annual payments for persons with multiple permits. In its rulemaking to establish fee schedules, the Commission is also directed to consider a method of rewarding facilities which achieve full compliance with administrative and self-monitoring reporting requirements, and to consider, in those cases where the cost of renewal or amendment of a permit is less than for the original permit, a lower fee for the renewal or amendment.

(1c) Moneys collected pursuant to G.S. 143-215.3(a)(1a) shall be used to:

- a. Eliminate, insofar as possible, backlogs of permit applications awaiting agency action;
- b. Improve the quality of permits issued;
- c. Improve the rate of compliance of permitted activities with environmental standards; and
- d. Decrease the length of the processing period for permit applications.

(1d) The Commission may adopt and implement a graduated fee schedule sufficient to cover all direct and indirect costs required for the State to develop and administer a permit program which meets the requirements of Title V. The provisions of subdivision (1b) of this subsection do not apply to the adoption of a fee schedule under this subdivision. In adopting and implementing a fee schedule, the Commission shall require that the owner or operator of all air contaminant sources subject to the requirement to obtain a permit under Title V to pay an annual fee, or the equivalent over some other period, sufficient to cover costs as provided in section 502(b)(3)(A)



of Title V. The fee schedule shall be adopted according to the procedures set out in Chapter 150B of the General Statutes.

a. The total amount of fees collected under the fee schedule adopted pursuant to this subdivision shall conform to the requirements of section 502(b)(3)(B) of Title V. No fee shall be collected for more than 4,000 tons per year of any individual regulated pollutant, as defined in section 502(b)(3)(B)(ii) of Title V, emitted by any source. Fees collected pursuant to this subdivision shall be credited to the Title V Account.

b. The Commission may reduce any permit fee required under this section to take into account the financial resources of small business stationary sources as defined under Title V and regulations promulgated by the United States Environmental Protection Agency.

c. When funds in the Title V Account exceed the total amount necessary to cover the cost of the Title V program for the next fiscal year, the Secretary shall reduce the amount billed for the next fiscal year so that the excess funds are used to supplement the cost of administering the Title V permit program in that fiscal year.

(1e) The Commission shall collect the application, annual, and project fees for processing and administering permits, certificates of coverage under general permits, and certifications issued under Parts 1 and 1A of this Article and for compliance monitoring under Parts 1 and 1A of this Article as provided in G.S. 143-215.3D and G.S. 143-215.10G.

(2) To direct that such investigation be conducted as it may reasonably deem necessary to carry out its duties as prescribed by this Article or Article 21A or Article 21B of this Chapter, and for this purpose to enter at reasonable times upon any property, public or private, for the purpose of investigating the condition of any waters and the discharge therein of any sewage, industrial waste, or other waste or for the purpose of investigating the condition of the air, air pollution, air contaminant sources, emissions, or the installation and operation of any air-cleaning devices, and to require written statements or the filing of reports under oath, with respect to pertinent questions relating to the operation of any air-cleaning device, sewer system, disposal system, or treatment works. In the case of effluent or emission data, any records, reports, or information obtained under this Article or Article 21A or Article 21B of this Chapter shall be related to any applicable effluent or



emission limitations or toxic, pretreatment, or new source performance standards. No person shall refuse entry or access to any authorized representative of the Commission or Department who requests entry for purposes of inspection, and who presents appropriate credentials, nor shall any person obstruct, hamper or interfere with any such representative while in the process of carrying out his official duties.

(3) To conduct public hearings and to delegate the power to conduct public hearings in accordance with the procedures prescribed by this Article or by Article 21B of this Chapter.

(4) To delegate such of the powers of the Commission as the Commission deems necessary to one or more of its members, to the Secretary or any other qualified employee of the Department. The Commission shall not delegate to persons other than its own members and the designated employees of the Department the power to conduct hearings with respect to the classification of waters, the assignment of classifications, air quality standards, air contaminant source classifications, emission control standards, or the issuance of any special order except in the case of an emergency under subdivision (12) of this subsection for the abatement of existing water or air pollution. Any employee of the Department to whom a delegation of power is made to conduct a hearing shall report the hearing with its evidence and record to the Commission.

(5) To institute such actions in the superior court of any county in which a violation of this Article, Article 21B of this Chapter, or the rules of the Commission has occurred, or, in the discretion of the Commission, in the superior court of the county in which any defendant resides, or has his or its principal place of business, as the Commission may deem necessary for the enforcement of any of the provisions of this Article, Article 21B of this Chapter, or of any official action of the Commission, including proceedings to enforce subpoenas or for the punishment of contempt of the Commission.

(6) To agree upon or enter into any settlements or compromises of any actions and to prosecute any appeals or other proceedings.

(7) To direct the investigation of any killing of fish and wildlife which, in the opinion of the Commission, is of sufficient magnitude to justify investigation and is known or believed to have resulted from the pollution of the waters or air as defined in this Article, and whenever any person, whether or not he shall have been issued a certificate of approval, permit or other document of approval authorized by this



or any other State law, has negligently, or carelessly or unlawfully, or willfully and unlawfully, caused pollution of the waters or air as defined in this Article, in such quantity, concentration or manner that fish or wildlife are killed as the result thereof, the Commission, may recover, in the name of the State, damages from such person. The measure of damages shall be the amount determined by the Department and the North Carolina Wildlife Resources Commission, whichever has jurisdiction over the fish and wildlife destroyed to be the replacement cost thereof plus the cost of all reasonable and necessary investigations made or caused to be made by the State in connection therewith. Upon receipt of the estimate of damages caused, the Department shall notify the persons responsible for the destruction of the fish or wildlife in question and may effect such settlement as the Commission may deem proper and reasonable, and if no settlement is reached within a reasonable time, the Commission shall bring a civil action to recover such damages in the superior court in the county in which the discharge took place. Upon such action being brought the superior court shall have jurisdiction to hear and determine all issues or questions of law or fact, arising on the pleadings, including issues of liability and the amount of damages. On such hearing, the estimate of the replacement costs of the fish or wildlife destroyed shall be prima facie evidence of the actual replacement costs of such fish or wildlife. In arriving at such estimate, any reasonably accurate method may be used and it shall not be necessary for any agent of the Wildlife Resources Commission or the Department to collect, handle or weigh numerous specimens of dead fish or wildlife.

The State of North Carolina shall be deemed the owner of the fish or wildlife killed and all actions for recovery shall be brought by the Commission on behalf of the State as the owner of the fish or wildlife. The fact that the person or persons alleged to be responsible for the pollution which killed the fish or wildlife holds or has held a certificate of approval, permit or other document of approval authorized by this Article or any other law of the State shall not bar any such action. The proceeds of any recovery, less the cost of investigation, shall be used to replace, insofar as and as promptly as possible, the fish and wildlife killed, or in cases where replacement is not practicable, the proceeds shall be used in whatever manner the responsible agency deems proper for improving the fish and wildlife habitat in question. Any such funds received are hereby appropriated for these designated purposes. Nothing in this paragraph shall be construed in any way to limit or prevent any other action which is now authorized by this Article.



(8) After issuance of an appropriate order, to withhold the granting of any permit or permits pursuant to G.S. 143-215.1 or G.S. 143-215.108 for the construction or operation of any new or additional disposal system or systems or air-cleaning device or devices in any area of the State. Such order may be issued only upon determination by the Commission, after public hearing, that the permitting of any new or additional source or sources of water or air pollution will result in a generalized condition of water or air pollution within the area contrary to the public interest, detrimental to the public health, safety, and welfare, and contrary to the policy and intent declared in this Article or Article 21B of this Chapter. The Commission may make reasonable distinctions among the various sources of water and air pollution and may direct that its order shall apply only to those sources which it determines will result in a generalized condition of water or air pollution.

The determination of the Commission shall be supported by detailed findings of fact and conclusions set forth in the order and based upon competent evidence of record. The order shall describe the geographical area of the State affected thereby with particularity and shall prohibit the issuance of permits pending a determination by the Commission that the generalized condition of water or air pollution has ceased.

Notice of hearing shall be given in accordance with the provisions of G.S. 150B-21.2.

A person aggrieved by an order of the Commission under this subdivision may seek judicial review of the order under Article 4 of Chapter 150B of the General Statutes without first commencing a contested case. An order may not be stayed while it is being reviewed.

(9) If an investigation conducted pursuant to this Article or Article 21B of this Chapter reveals a violation of any rules, standards, or limitations adopted by the Commission pursuant to this Article or Article 21B of this Chapter, or a violation of any terms or conditions of any permit issued pursuant to G.S. 143-215.1 or 143-215.108, or special order or other document issued pursuant to G.S. 143-215.2 or G.S. 143-215.110, the Commission may assess the reasonable costs of any investigation, inspection or monitoring survey which revealed the violation against the person responsible therefor. If the violation resulted in an unauthorized discharge to the waters or atmosphere of the State, the Commission may also assess the person responsible for the violation for any actual and necessary costs incurred by the State in removing, correcting or abating any adverse effects upon the water or air resulting from



the unauthorized discharge. If the person responsible for the violation refuses or fails within a reasonable time to pay any sums assessed, the Commission may institute a civil action in the superior court of the county in which the violation occurred or, in the Commission's discretion, in the superior court of the county in which such person resides or has his or its principal place of business, to recover such sums.

(10) To require a laboratory facility that performs any tests, analyses, measurements, or monitoring required under this Article or Article 21B of this Chapter to be certified annually by the Department, to establish standards that a laboratory facility and its employees must meet and maintain in order for the laboratory facility to be certified, and to charge a laboratory facility a fee for certification. Fees collected under this subdivision shall be credited to the Water and Air Account and used to administer this subdivision. These fees shall be applied to the cost of certifying commercial, industrial, and municipal laboratory facilities.

(11) Repealed by Session Laws 1983, c. 296, s. 6.

(12) To declare an emergency when it finds that a generalized condition of water or air pollution which is causing imminent danger to the health or safety of the public. Regardless of any other provisions of law, if the Department finds that such a condition of water or air pollution exists and that it creates an emergency requiring immediate action to protect the public health and safety or to protect fish and wildlife, the Secretary of the Department with the concurrence of the Governor, shall order persons causing or contributing to the water or air pollution in question to reduce or discontinue immediately the emission of air contaminants or the discharge of wastes. Immediately after the issuance of such order, the chairman of the Commission shall fix a place and time for a hearing before the Commission to be held within 24 hours after issuance of such order, and within 24 hours after the commencement of such hearing, and without adjournment thereof, the Commission shall either affirm, modify or set aside the order.

In the absence of a generalized condition of air or water pollution of the type referred to above, if the Secretary finds that the emissions from one or more air contaminant sources or the discharge of wastes from one or more sources of water pollution is causing imminent danger to human health and safety or to fish and wildlife, he may with the concurrence of the Governor order the person or persons responsible for the operation or operations in question to immediately reduce or discontinue the emissions of air contaminants or the discharge of wastes or to take



such other measures as are, in his judgment, necessary, without regard to any other provisions of this Article or Article 21B of this Chapter. In such event, the requirements for hearing and affirmance, modification or setting aside of such orders set forth in the preceding paragraph of this subdivision shall apply.

(13) Repealed by Session Laws 1983, c. 296, s. 6.

(14) To certify and approve, by appropriate delegations and conditions in permits required by G.S. 143-215.1, requests by publicly owned treatment works to implement, administer and enforce a pretreatment program for the control of pollutants which pass through or interfere with treatment processes in such treatment works; and to require such programs to be developed where necessary to comply with the Federal Water Pollution Control Act and the Resource Conservation and Recovery Act, including the addition of conditions and compliance schedules in permits required by G.S. 143-215.1. Pretreatment programs submitted by publicly owned treatment works shall include, at a minimum, the adoption of pretreatment standards, a permit or equally effective system for the control of pollutants contributed to the treatment works, and the ability to effectively enforce compliance with the program.

(15) To adopt rules for the prevention of pollution from underground tanks containing petroleum, petroleum products, or hazardous substances. Rules adopted under this section may incorporate standards and restrictions which exceed and are more comprehensive than comparable federal regulations.

(16) To adopt rules limiting the manufacture, storage, sale, distribution or use of cleaning agents containing phosphorus pursuant to G.S. 143-214.4(e), and to adopt rules limiting the manufacture, storage, sale, distribution or use of cleaning agents containing nitrilotriacetic acid.

(17) To adopt rules to implement Part 2A of Article 21A of Chapter 143.

(b) Research Functions. - The Department shall have the power to conduct scientific experiments, research, and investigations to discover economical and practical corrective methods for air pollution and waste disposal problems. To this end, the Department may cooperate with any public or private agency or agencies in the conduct of such experiments, research, and investigations, and may, when funds permit, establish research studies in any North Carolina educational institution, with the consent of such institution. In addition, the Department shall have the power to cooperate and enter into contracts with technical divisions of State agencies, institutions and with



municipalities, industries, and other persons in the execution of such surveys, studies, and research as it may deem necessary in fulfilling its functions under this Article or Article 21B of this Chapter. All State departments shall advise with and cooperate with the Department on matters of mutual interest.

(c) Relation with the Federal Government. - The Commission as official water and air pollution control agency for the State is delegated to act in local administration of all matters covered by any existing federal statutes and future legislation by Congress relating to water and air quality control. In order for the State of North Carolina to effectively participate in programs administered by federal agencies for the regulation and abatement of water and air pollution, the Department is authorized to accept and administer funds provided by federal agencies for water and air pollution programs and to enter into contracts with federal agencies regarding the use of such funds.

(d) Relations with Other States. - The Commission or the Department may, with the approval of the Governor, consult with qualified representatives of adjoining states relative to the establishment of regulations for the protection of waters and air of mutual interest, but the approval of the General Assembly shall be required to make any regulations binding.

(e) Variances. - Any person subject to the provisions of G.S. 143-215.1 or 143-215.108 may apply to the Commission for a variance from rules, standards, or limitations established pursuant to G.S. 143-214.1, 143-215, or 143-215.107. The Commission may grant such variance, for fixed or indefinite periods after public hearing on due notice, or where it is found that circumstances so require, for a period not to exceed 90 days without prior hearing and notice. Prior to granting a variance hereunder, the Commission shall find that:

- (1) The discharge of waste or the emission of air contaminants occurring or proposed to occur do not endanger human health or safety; and
- (2) Compliance with the rules, standards, or limitations from which variance is sought cannot be achieved by application of best available technology found to be economically reasonable at the time of application for such variances, and would produce serious hardship without equal or greater benefits to the public, provided that such variances shall be consistent with the provisions of the Federal Water Pollution Control Act as amended or the Clean Air Act as amended; and provided further, that any person who would otherwise be entitled to a variance or modification under the Federal Water Pollution Control Act as amended or the Clean Air Act as amended shall also be entitled to the same variance from or modification in rules, standards, or



limitations established pursuant to G.S. 143-214.1, 143-215, and 143-215.107, respectively.

(f) Notification of Completed Remedial Action. - The definitions set out in G.S. 130A-310.31(b) apply to this subsection. Any person may submit a written request to the Department for a determination that groundwater has been remediated to meet the standards and classifications established under this Part. A request for a determination that groundwater has been remediated to meet the standards and classifications established under this Part shall be accompanied by the fee required by G.S. 130A-310.39(a)(2). If the Department determines that groundwater has been remediated to established standards and classifications, the Department shall issue a written notification that no further remediation of the groundwater will be required. The notification shall state that no further remediation of the groundwater will be required unless the Department later determines, based on new information or information not previously provided to the Department, that the groundwater has not been remediated to established standards and classifications or that the Department was provided with false or incomplete information. Under any of those circumstances, the Department may withdraw the notification and require responsible parties to remediate the groundwater to established standards and classifications.

NC Gen Stat § 143-215.8B. Basinwide water quality management plans.

(a) The Commission shall develop and implement a basinwide water quality management plan for each of the 17 major river basins in the State. In developing and implementing each plan, the Commission shall consider the cumulative impacts of all of the following:

(1) All activities across a river basin and all point sources and nonpoint sources of pollutants, including municipal wastewater facilities, industrial wastewater systems, septic tank systems, stormwater management systems, golf courses, farms that use fertilizers and pesticides for crops, public and commercial lawns and gardens, atmospheric deposition, and animal operations.

(2) All transfers into and from a river basin that are required to be registered under G.S. 143-215.22H.

(b) Each basinwide water quality management plan shall:

(1) Provide that all point sources and nonpoint sources of pollutants jointly share the responsibility of reducing the pollutants in the State's waters in a fair, reasonable, and proportionate manner, using computer modeling and the best science and technology



reasonably available and considering future anticipated population growth and economic development.

(2) If any of the waters located within the river basin are designated as nutrient sensitive waters, then the basinwide water quality management plan shall establish a goal to reduce the average annual mass load of nutrients that are delivered to surface waters within the river basin from point and nonpoint sources. The Commission shall establish a nutrient reduction goal for the nutrient or nutrients of concern that will result in improvements to water quality such that the designated uses of the water, as provided in the classification of the water under G.S. 143-214.1(d), are not impaired. The plan shall require incremental progress toward achieving the goal. In developing the plan, the Commission shall determine and allow appropriate credit toward achieving the goal for reductions of water pollution by point and nonpoint sources through voluntary measures.

(c) The Commission shall review and revise its 17 basinwide water quality management plans at least every 10 years to reflect changes in water quality, improvements in modeling methods, improvements in wastewater treatment technology, and advances in scientific knowledge and, as need to support designated uses of water, modifications to management strategies.

(d) As a part of the report required pursuant to G.S. 143-355(p), the Commission and the Department shall each report on or before November 1 of each year on an annual basis to the Environmental Review Commission on the progress in developing and implementing basinwide water quality management plans and on increasing public involvement and public education in connection with basinwide water quality management planning. The report to the Environmental Review Commission by the Department shall include a written statement as to all concentrations of heavy metals and other pollutants in the surface waters of the State that are identified in the course of preparing or revising the basinwide water quality management plans.

(e) A basinwide water quality management plan is not a rule and Article 2A of Chapter 150B of the General Statutes does not apply to the development of basinwide water quality management plans. Any water quality standard or classification and any requirement or limitation of general applicability that implements a basinwide water quality management plan is a rule and must be adopted as provided in Article 2A of Chapter 150B of the General Statutes.

NC Gen Stat § 143B-282. Environmental Management Commission creation; powers and duties.



(a) There is hereby created the Environmental Management Commission of the Department of Environmental Quality with the power and duty to promulgate rules to be followed in the protection, preservation, and enhancement of the water and air resources of the State.

(1) Within the limitations of G.S. 143-215.9 concerning industrial health and safety, the Environmental Management Commission shall have all of the following powers and duties:

a. To grant a permit or temporary permit, to modify or revoke a permit, and to refuse to grant permits pursuant to G.S. 143-215.1 and G.S. 143-215.108 with regard to controlling sources of air and water pollution.

b. To issue a special order pursuant to G.S. 143-215.2(b) and G.S. 143-215.110 to any person whom the Commission finds responsible for causing or contributing to any pollution of water within such watershed or pollution of the air within the area for which standards have been established.

c. To conduct and direct that investigations be conducted pursuant to G.S. 143-215.3 and G.S. 143-215.108(c)(5).

d. To conduct public hearings, institute actions in superior court, and agree upon or enter into settlements, all pursuant to G.S. 143-215.3.

e. To direct the investigation of any killing of fish and wildlife pursuant to G.S. 143-215.3.

f. To consult with any person proposing to construct, install, or acquire an air or water pollution source pursuant to G.S. 143-215.3 and G.S. 143-215.111.

g. To encourage local government units to handle air pollution problems and to provide technical and consultative assistance pursuant to G.S. 143-215.3 and G.S. 143-215.112.

h. To review and have general oversight and supervision over local air pollution control programs pursuant to G.S. 143-215.3 and G.S. 143-215.112.

i. To declare an emergency when it finds a generalized dangerous condition of water or air pollution pursuant to G.S. 143-215.3.

j. To render advice and assistance to local government regarding floodways pursuant to G.S. 143-215.56.



- k. To declare and delineate and modify capacity use areas pursuant to G.S. 143-215.13.
- l. To grant permits for water use within capacity use areas pursuant to G.S. 143-215.15.
- m. To direct that investigations be conducted when necessary to carry out duties regarding capacity use areas pursuant to G.S. 143-215.19.
- n. To approve, disapprove and approve subject to conditions all applications for dam construction pursuant to G.S. 143-215.28; to require construction progress reports pursuant to G.S. 143-215.29.
- o. To halt dam construction pursuant to G.S. 143-215.29.
- p. To grant final approval of dam construction work pursuant to G.S. 143-215.30.
- q. To have jurisdiction and supervision over the maintenance and operation of dams pursuant to G.S. 143-215.31.
- r. To direct the inspection of dams pursuant to G.S. 143-215.32.
- s. To modify or revoke any final action previously taken by the Commission pursuant to G.S. 143-214.1 and G.S. 143-215.107.
- t. To have jurisdiction and supervision over oil pollution and dry-cleaning solvent use, contamination, and remediation pursuant to Article 21A of Chapter 143 of the General Statutes.
- u. To administer the State's authority under 33 U.S.C. 1341 of the federal Clean Water Act.
- v. To approve Coastal Habitat Protection Plans as provided in G.S. 143B-279.8.
- w. To identify, review, and assess reports prepared by the Department of Environmental Quality that are required by an act of the General Assembly and that the Commission finds would have a significant public interest and to include that assessment in its report to the Environmental Review Commission under subsection (b) of this section.

(2) The Environmental Management Commission shall adopt rules:



- a. For air quality standards, emission control standards and classifications for air contaminant sources pursuant to G.S. 143-215.107.
- b. For water quality standards and classifications pursuant to G.S. 143-214.1 and G.S. 143-215.
- c. To implement water and air quality reporting pursuant to Part 7 of Article 21 of Chapter 143 of the General Statutes.
- d. To be applied in capacity use areas pursuant to G.S. 143-215.14.
- e. To implement the issuance of permits for water use within capacity use areas pursuant to G.S. 143-215.15 and G.S. 143-215.16.
- f. Repealed by Session Laws 1983, c. 222, s. 3.
- g. For the protection of the land and the waters over which this State has jurisdiction from pollution by oil, oil products and oil by-products pursuant to Article 21A of Chapter 143.
- h. Governing underground tanks used for the storage of oil or hazardous substances pursuant to Articles 21, 21A, or 21B of Chapter 143 of the General Statutes, including inspection and testing of these tanks and certification of persons who inspect and test tanks.
- i. To implement the provisions of Part 2A of Article 21 of Chapter 143 of the General Statutes.
- j. To implement the provisions of Part 6 of Article 21A of Chapter 143 of the General Statutes.
- k. To implement basinwide water quality management plans developed pursuant to G.S. 143-215.8B.
- l. For matters within its jurisdiction that allow for and regulate horizontal drilling and hydraulic fracturing for the purpose of oil and gas exploration and development.

(3) The Commission is authorized to make such rules, not inconsistent with the laws of this State, as may be required by the federal government for grants-in-aid for water and air resources purposes which may be made available to the State by the federal government. This section is to be liberally construed in order that the State and its citizens may benefit from such grants-in-aid.



(4) The Commission shall make rules consistent with the provisions of this Chapter. All rules adopted by the Commission shall be enforced by the Department of Environmental Quality.

(5) The Environmental Management Commission shall have the power to adopt rules with respect to any State laws administered under its jurisdiction so as to accept evidence of compliance with corresponding federal law or regulation in lieu of a State permit, or otherwise modify a requirement for a State permit, upon findings by the Commission, and after public hearings, that there are:

- a. Similar and corresponding or more restrictive federal laws or regulations which also require an applicant to obtain a federal permit based upon the same general standards or more restrictive standards as the State laws and rules require; and
- b. That the enforcement of the State laws and rules would require the applicant to also obtain a State permit in addition to the required federal permit; and
- c. That the enforcement of the State laws and rules would be a duplication of effort on the part of the applicant; and
- d. Such duplication of State and federal permit requirements would result in an unreasonable burden not only on the applicant, but also on the citizens and resources of the State.

(6) The Commission may establish a procedure for evaluating renewable energy technologies that are, or are proposed to be, employed as part of a renewable energy facility, as defined in G.S. 62-133.8; establish standards to ensure that renewable energy technologies do not harm the environment, natural resources, cultural resources, or public health, safety, or welfare of the State; and, to the extent that there is not an environmental regulatory program, establish an environmental regulatory program to implement these protective standards.

(b) The Environmental Management Commission shall submit written reports as to its operation, activities, programs, and progress to the Environmental Review Commission by January 1 of each year. The Environmental Management Commission shall supplement the written reports required by this subsection with additional written and oral reports as may be requested by the Environmental Review Commission.

(c) The Environmental Management Commission shall implement the provisions of subsections (d) and (e) of 33 U.S.C. 1313 by identifying and



prioritizing impaired waters and by developing appropriate total maximum daily loads of pollutants for those impaired waters. The Commission shall incorporate those total maximum daily loads approved by the United States Environmental Protection Agency into its continuing basinwide water quality planning process.

(d) The Environmental Management Commission may adopt rules setting out strategies necessary for assuring that water quality standards are met by any point or nonpoint source or by any category of point or nonpoint sources that is determined by the Commission to be contributing to the water quality impairment. These strategies may include, but are not limited to, additional monitoring, effluent limitations, supplemental standards or classifications, best management practices, protective buffers, schedules of compliance, and the establishment of and delegations to intergovernmental basinwide groups.

(e) In appointing the members of the Commission, the appointing authorities shall make every effort to ensure fair geographic representation of the Commission.

15A NC Admin Code 2B.0239. Neuse River Basin: Nutrient Sensitive Waters Management Strategy: Nutrient Management.

The following is the management strategy for nutrient management in the Neuse River Basin:

(1) The following persons shall obtain a certificate, issued within five years of the effective date of this Rule by the Cooperative Extension Service or the Division of Water Quality, verifying completion of training and continuing education in nutrient management. Within one year from the effective date of this Rule, the Division of Water Quality, in cooperation with the Cooperative Extension Service, shall conduct a sign-up process for persons wishing to take the nutrient management training. If these persons fail to obtain the nutrient management certificate, they are required to develop and properly implement nutrient management plans for the lands where they apply fertilizer within five years of the effective date of this Rule:

(a) Applicators who in a calendar year apply fertilizer to cropland areas, including row and vegetable crops, floriculture areas, ornamental areas and greenhouse production areas, that together comprise at least 50 acres and persons responsible for managing cropland areas, as described in Sub-Item (1)(a) of this Rule, that together comprise at least 50 acres;

15A NC Admin Code 2B.0257. Tar-Pamlico River Basin – Nutrient Sensitive Waters Management Strategy: Nutrient Management.



(a) **PURPOSE.** The purposes of this Rule are as follows, and are to be achieved within five years from the effective date of this Rule.

(1) To contribute to a 30 percent reduction in nitrogen loading to the Pamlico estuary from nutrient application (both inorganic fertilizer and organic nutrients) in the Tar-Pamlico basin, based on 1991 levels.

(2) To contribute to a capping of phosphorus loading to the estuary at 1991 levels from nutrient application (both inorganic fertilizer and organic nutrients) in the basin.

(b) **DEFINITIONS.** The following definitions shall apply to terms used in this Rule.

(1) **Applicator** means a person who applies fertilizer to the land or the immediate supervisor of such person.

(2) **Consultant** means a person who is hired to provide professional advice to another person.

(c) **APPLICABILITY.** This Rule shall apply as follows.

(1) This Rule shall apply to the following persons:

(A) Persons who own or manage cropland areas in the Tar-Pamlico River Basin for commercial purposes who have not developed a nutrient management plan for their property pursuant to 15A NCAC 02B .0256.

(B) Persons who own or manage commercial ornamental and floriculture areas and greenhouse production areas in the Tar-Pamlico River Basin.

(C) Persons who own or manage golf courses, grassed public recreational lands, grassed road or utility rights-of-way, or other turfgrass areas in the Tar-Pamlico River Basin.

(D) Persons who own or manage lawn and garden areas in residential, commercial, or industrial developments in the Tar-Pamlico River Basin except for residential landowners who apply fertilizer to their own property.

(2) This Rule, particularly Subparagraphs (d)(1) and (d)(2) of this Rule, shall apply to applicators hired by the persons listed in Subparagraph (c)(1) of this Rule to apply fertilizer to lands in the Tar-Pamlico River Basin.



(3) This Rule, particularly Subparagraph (d)(1) of this Rule, shall apply to applicators hired by residential landowners in the Tar-Pamlico basin.

(4) This Rule, particularly Subparagraph (d)(1) of this Rule, shall apply to nutrient management consultants hired by persons listed in this Paragraph to provide nutrient management advice for lands in the Tar-Pamlico River Basin.

(d) REQUIREMENTS. Subject persons shall meet the following requirements:

(1) Persons responsible for applying nutrients to their own land or land that they manage in the Tar-Pamlico basin, applicators hired by residential landowners in the Tar-Pamlico basin, and consultants who prepare nutrient management plans for persons who own or manage land in the Tar-Pamlico basin shall either:

(A) Attend and complete nutrient management training pursuant to Paragraph (e) of this Rule; or

(B) Complete a nutrient management plan for all lands to which they apply or manage the application of nutrients, or for which they provide nutrient management advice, pursuant to Paragraph (f) of this Rule.

(2) Persons who hire an applicator to apply nutrients to the land that they own or manage shall either:

(A) Ensure that the applicator they hire has attended and completed nutrient management training pursuant to Paragraph (e) of this Rule; or

(B) Ensure that the applicator they hire has completed a nutrient management plan for the land that they own or manage pursuant to Paragraph (f) of this Rule; or

(C) Complete a nutrient management plan for the land that they own or manage pursuant to Paragraph (f) of this Rule and ensure that the applicator they hire follows this plan.

(e) NUTRIENT MANAGEMENT TRAINING. Persons who choose to meet this Rule's requirements by completing nutrient management training shall meet the following requirements.

(1) Persons subject to this Rule as of its effective date shall sign up with the Cooperative Extension Service or the Division within one year of the effective date to take the nutrient management training. Such persons shall obtain a certificate from Extension or the Division



within five years from the effective date of this Rule verifying completion of training that addresses, at minimum, proper management of nitrogen and phosphorus.

(2) Persons who become subject to this Rule after its effective date shall obtain a certificate from Extension or the Division within one year from the date that they become subject verifying completion of training that addresses, at minimum, proper management of nitrogen and phosphorus.

(3) Persons who fail to sign up or to obtain the nutrient management certificate within the required timeframes or who are found by the Director to have knowingly failed to follow nutrient management requirements as referenced in Subparagraphs (f)(1)(A) (f)(1)(C) of this Rule shall be required to develop and properly implement nutrient management plans pursuant to Paragraph (f) of this Rule.

(4) Training certificates must be kept on-site or be produced within 24 hours of a request by the Division.

(f) NUTRIENT MANAGEMENT PLANS. Persons who choose to meet this Rule's requirements by completing a nutrient management plan shall meet the following requirements.

(1) Persons who are subject to this Rule as of its effective date and persons who become subject to this Rule after its effective date shall develop a nutrient management plan that meets the following standards within five years of the effective date or within 6 months from the date that they become subject, whichever is later.

(A) Nutrient management plans for cropland shall meet the standards and specifications adopted by the NC Soil and Water Conservation Commission, including those found in 15A NCAC 06E .0104 and 15A NCAC 06F .0104, which are incorporated herein by reference, including any subsequent amendments and additions to such rules that are in place at the time that plans are approved by a technical specialist as required under Subparagraph (f)(2) of this Rule.

(B) Nutrient management plans for turfgrass shall follow the North Carolina Cooperative Extension Service guidelines in "Water Quality and Professional Lawn Care" (NCCES publication number WQMM-155), "Water Quality and Home Lawn Care" (NCCES publication number WQMM-151), or guidelines distributed by land-grant universities. Copies may be



obtained from the Division of Water Quality, 512 North Salisbury Street, Raleigh, North Carolina 27626 at no cost.

(C) Nutrient management plans for nursery crops and greenhouse production shall follow the Southern Nurserymen's Association guidelines promulgated in "Best Management Practices Guide For Producing Container-Grown Plants" or guidelines distributed by land-grant universities. Copies may be obtained from the Southern Nurserymen's Association, 1000 Johnson Ferry Road, Suite E-130, Marietta, GA 30068-2100 at a cost of thirty-five dollars (\$35.00). The materials related to nutrient management plans for turfgrass, nursery crops and greenhouse production are hereby incorporated by reference including any subsequent amendments and editions and are available for inspection at the Department of Environment and Natural Resources Library, 512 North Salisbury Street, Raleigh, North Carolina.

(2) The person who writes the nutrient management plan shall have the plan approved in writing by a technical specialist. Appropriate technical specialists shall be as follows.

(A) Nutrient management plans for cropland using either inorganic fertilizer or organic nutrients shall be approved by a technical specialist designated pursuant to the process and criteria specified in Rules adopted by the Soil and Water Conservation Commission for nutrient management planning, including 15A NCAC 06F .0105, excepting Subparagraph (a)(2) of that Rule.

(B) Nutrient management plans for turfgrass and nursery crops and greenhouse production shall be approved by a technical specialist designated by the Soil and Water Conservation Commission pursuant to the process and criteria specified in 15A NCAC 06F .0105, excepting Subparagraph (a)(2) of that Rule. If the Soil and Water Conservation Commission does not designate such specialists, then the Environmental Management Commission shall do so using the same process and criteria.

(3) Nutrient management plans and supporting documents must be kept on-site or be produced within 24 hours of a request by the Division.

(4) The Division shall develop model nutrient management plans in consultation with the Cooperative Extension Service. The model plans shall address both nitrogen and phosphorus, and shall



address the source of nutrients, the amount of nutrient applied, the placement of nutrients, and the timing of nutrient applications.

(g) **COMPLIANCE.** Persons who fail to comply with this Rule are subject to enforcement measures authorized in G.S. 143-215.6A (civil penalties), G.S. 143-215.6B (criminal penalties), and G.S. 143-215.6C (injunctive relief).

(h) **BASINWIDE EDUCATION.** The Division shall be responsible for developing and implementing an education program that informs homeowners in the basin on proper residential nutrient management. The program shall be designed to reach as much of the residential population of the basin as practical on an ongoing basis. At a minimum, it shall emphasize fundamental nutrient management principles as well as measures for reducing stormwater runoff from residential properties. The Division shall begin implementation of the program within three years of the effective date of this Rule.

15A NC Admin Code 2B.0272. Jordan Water Supply Nutrient Strategy: Fertilizer Management.

The following is the management strategy for controlling land-applied nutrients in the Jordan watershed, as prefaced in Rule .0262 of this Section.

(1) **PURPOSE.** The purpose of this Rule is to protect the water supply uses of Jordan Reservoir and of designated water supplies throughout the Jordan watershed by managing the application of nutrients, both inorganic fertilizer and organic nutrients, to lands in the Jordan watershed. The requirements of this Rule are to be fully implemented within three years from the effective date as set out in Item (6) of this Rule.

(2) **APPLICABILITY.** This Rule shall apply to the application of nutrients on:

(a) Cropland areas in the Jordan watershed for commercial purposes;

(b) Commercial ornamental and floriculture areas and greenhouse production areas in the Jordan watershed;

(c) Golf courses, public recreational lands, road or utility rights-of-way, or other commercial or institutional lands where any such land, or combination of such lands, under common management in the watershed totals at least five acres; and

(d) Any lands in the Jordan watershed where a hired applicator, as defined in 15A NCAC 02B .0202(4), who does not own or lease the lands applies nutrients to a total of at least five acres per year.

(3) **REQUIREMENTS.** Application of nutrients to lands subject to this Rule shall be in accordance with the following requirements:



(a) Application shall be made either:

(i) By an applicator who has completed nutrient management training pursuant to Item (4) of this Rule; or

(ii) Pursuant to a nutrient management plan that meets the requirements of Item (5) of this Rule.

(b) With the exception of residential homeowners, a person who hires an applicator to apply nutrients to the land that they own or manage in the Jordan watershed shall either:

(i) Ensure that the applicator they hire has attended and completed nutrient management training pursuant to Item (4) of this Rule; or

(ii) Ensure that the applicator they hire follows a nutrient management plan that has been developed for the land that they own or manage pursuant to Item (5) of this Rule.

(4) NUTRIENT MANAGEMENT TRAINING. To demonstrate compliance with this Rule through the nutrient management training option, the applicator shall have a certificate indicating completion of training provided by either the Cooperative Extension Service or the Division. Training certificates shall be kept on-site or be produced within 24 hours of a request by the Division. Training shall be sufficient to provide participants with an understanding of the value and importance of proper management of nitrogen and phosphorus, and the water quality impacts of poor nutrient management, and the ability to understand and properly carry out a nutrient management plan.

(5) NUTRIENT MANAGEMENT PLANS. Nutrient management plans developed to comply with this rule shall meet the following requirements:

(a) Nutrient management plans for cropland, excluding those for application of Class A bulk, and Class B wastewater residuals, regulated under 15A NCAC 02T .1100 and septage application regulated under 15A NCAC 13B .0815 through 13B .0829, shall meet the standards and specifications adopted by the NC Soil and Water Conservation Commission, including those found in 15A NCAC 06E .0104 and 15A NCAC 06H .0104, which are incorporated herein by reference, including any subsequent amendments and editions to such rules that are in place at the time that plans are approved by a technical specialist as required under Sub-Item (5)(e) of this Rule.

(b) Nutrient management plans for application of Class A bulk, and Class B, wastewater residuals regulated under 15A NCAC 02T



.1100 and septage application regulated under 15A NCAC 13B .0815 through 13B .0829 shall meet the standards and specifications adopted by the NC Soil and Water Conservation Commission in 15A NCAC 06E .0104, including any subsequent amendments and editions to such rule that are in place at the time that plans are approved by the permitting agency. This compliance includes addressing the phosphorus requirements of US Department of Agriculture Natural Resources Conservation Service Practice Standard 590 regarding Nutrient Management.

(c) Nutrient management plans for lands identified in Sub-Item (2)(c) of this Rule shall follow the applicable guidance contained in the most recent version of North Carolina Cooperative Extension Service publications "Water Quality and Professional Lawn Care" (NCCES publication number WQWM-155), "Water Quality and Home Lawn Care" (NCCES publication number WQWM-151), or "Water Quality for Golf Course Superintendents and Professional Turf Managers" (NCCES publication number WQWM-156 Revised) as appropriate for the activity. The above-referenced guidelines are hereby incorporated by reference including any subsequent amendments and editions. Copies may be obtained from the Division of Water Quality, 512 North Salisbury Street, Raleigh, North Carolina 27604 at no cost. Nutrient management plans may also follow other guidance distributed by land-grant universities for turfgrass management as long as it is equivalent to or more stringent than the above-listed guidelines.

(d) Nutrient management plans for ornamental and floriculture production shall follow the Nutrient Management section of the most recent version of the Southern Nursery Association guidelines promulgated in "Best Management Practices - A BMP Guide For Producing Container and Field Grown Plants". Copies may be obtained from the Southern Nursery Association, 1827 Powers Ferry Road SE, Suite 4-100, Atlanta, GA 30339-8422 or from <http://www.sna.org>. The materials related to nutrient management plans for ornamental and floriculture production are hereby incorporated by reference including any subsequent amendments and editions. Copies are available for inspection at the Department of Environment and Natural Resources Library, 512 North Salisbury Street, Raleigh, North Carolina 27604. Nutrient management plans for ornamental and floriculture production may also follow other guidance distributed by land-grant universities for such production as long as it is equivalent or more stringent than the above-listed guidelines.



(e) The nutrient management plan shall be approved in writing by an appropriate technical specialist, as defined in 15A NCAC 06H .0102(9), as follows:

(i) Nutrient management plans for cropland using either inorganic or organic nutrients, except those using biosolids or septage, shall be approved by a technical specialist designated pursuant to the process and criteria specified in rules adopted by the Soil and Water Conservation Commission for nutrient management planning, including 15A NCAC 06H .0104, excepting Sub-Item (a)(2) of that Rule.

(ii) Nutrient management plans for lands identified in Sub-Item (2)(c) of this Rule, ornamental and floriculture production shall be approved by a technical specialist designated by the Soil and Water Conservation Commission pursuant to the process and criteria specified in 15A NCAC 06H .0104 excepting Sub-Item (a)(2) of that Rule. If the Soil and Water Conservation Commission does not designate such technical specialists, then the Environmental Management Commission shall do so using the same process and criteria.

(f) Persons with approved waste utilization plans that are required under state or federal animal waste regulations are deemed in compliance with this Rule as long as they are compliant with their approved waste utilization plans.

(g) Nutrient management plans and supporting documents must be kept on-site or be produced within 24 hours of a request by the Division.

(6) COMPLIANCE. The following constitute the compliance requirements of this Rule:

(a) For proposed new application of Class A bulk, and Class B, wastewater residuals pursuant to permits obtained under 15A NCAC 02T .1100 or its predecessor, and septage application pursuant to permits obtained under 15A NCAC 13B .0815 through 13B .0829, all applications for new permits shall be made according to, and subsequent nutrient applications shall comply with, the applicable requirements of this Rule as of its effective date.

(b) For existing, ongoing application of residuals and septage as defined in this Item, beginning one year after the effective date of this Rule, all applications for renewal of existing permits shall be made



according to, and subsequent nutrient applications shall comply with, the applicable requirements of this Rule.

(c) For all other application with the exception of the application of residuals and septage as defined in this Item, the requirements of this Rule shall become effective three years after its effective date and shall apply to all application of nutrients on lands subject to this Rule after that date.

(d) Persons who fail to comply with this Rule are subject to enforcement measures authorized in G.S. 143-215.6A (civil penalties), G.S. 143-215.6B (criminal penalties), and G.S. 143-215.6C (injunctive relief).

