

VIRGINIA ACTS OF ASSEMBLY — CHAPTER

An Act to amend and reenact §§ 2.2-4006, 3.2-409, 3.2-410, 3.2-3602, 10.1-104.1, 10.1-502, 10.1-504, 10.1-659, 10.1-2123, 15.2-1129.2, 15.2-2114, 15.2-2295.1, 15.2-2403.3, 33.1-70.1, 36-55.64, 58.1-3660.1, 58.1-3851, 62.1-44.5, 62.1-44.9, 62.1-44.14, 62.1-44.15, 62.1-44.19:13, 62.1-44.19:15, 62.1-44.19:20, 62.1-44.23, 62.1-44.32, 62.1-44.44, 62.1-73, 62.1-195.1, and 62.1-229.4 of the Code of Virginia; to amend the Code of Virginia by adding in Chapter 3.1 of Title 62.1 articles numbered 2.3, 2.4, and 2.5, consisting of sections numbered 62.1-44.15:24 through 62.1-44.15:79, and by adding in Article 4.02 of Chapter 3.1 of Title 62.1 sections numbered 62.1-44.19:21, 62.1-44.19:22, and 62.1-44.19:23; and to repeal Article 4 of Chapter 5 (§§ 10.1-560 through 10.1-571), Articles 1.1 and 1.1:1 (§§ 10.1-603.1 through 10.1-603.15:5) of Chapter 6, and Chapter 21 (§§ 10.1-2100 through 10.1-2115) of Title 10.1 of the Code of Virginia, relating to transfer of responsibility for administration of water quality programs.

[S 1279]

Approved

Be it enacted by the General Assembly of Virginia:

1. That §§ 2.2-4006, 3.2-409, 3.2-410, 3.2-3602, 10.1-104.1, 10.1-502, 10.1-504, 10.1-659, 10.1-2123, 15.2-1129.2, 15.2-2114, 15.2-2295.1, 15.2-2403.3, 33.1-70.1, 36-55.64, 58.1-3660.1, 58.1-3851, 62.1-44.5, 62.1-44.9, 62.1-44.14, 62.1-44.15, 62.1-44.19:13, 62.1-44.19:15, 62.1-44.19:20, 62.1-44.23, 62.1-44.32, 62.1-44.44, 62.1-73, 62.1-195.1, and 62.1-229.4 of the Code of Virginia are amended and reenacted and that the Code of Virginia is amended by adding in Chapter 3.1 of Title 62.1 articles numbered 2.3, 2.4, and 2.5, consisting of sections numbered 62.1-44.15:24 through 62.1-44.15:79, and by adding in Article 4.02 of Chapter 3.1 of Title 62.1 sections numbered 62.1-44.19:21, 62.1-44.19:22, and 62.1-44.19:23, as follows:

§ 2.2-4006. Exemptions from requirements of this article.

A. The following agency actions otherwise subject to this chapter and § 2.2-4103 of the Virginia Register Act shall be exempted from the operation of this article:

1. Agency orders or regulations fixing rates or prices.
2. Regulations that establish or prescribe agency organization, internal practice or procedures, including delegations of authority.

3. Regulations that consist only of changes in style or form or corrections of technical errors. Each promulgating agency shall review all references to sections of the Code of Virginia within their regulations each time a new supplement or replacement volume to the Code of Virginia is published to ensure the accuracy of each section or section subdivision identification listed.

4. Regulations that are:

a. Necessary to conform to changes in Virginia statutory law or the appropriation act where no agency discretion is involved. However, such regulations shall be filed with the Registrar within 90 days of the law's effective date;

b. Required by order of any state or federal court of competent jurisdiction where no agency discretion is involved; or

c. Necessary to meet the requirements of federal law or regulations, provided such regulations do not differ materially from those required by federal law or regulation, and the Registrar has so determined in writing. Notice of the proposed adoption of these regulations and the Registrar's determination shall be published in the Virginia Register not less than 30 days prior to the effective date of the regulation.

5. Regulations of the Board of Agriculture and Consumer Services adopted pursuant to subsection B of § 3.2-3929 or clause (v) or (vi) of subsection C of § 3.2-3931 after having been considered at two or more Board meetings and one public hearing.

6. Regulations of the regulatory boards served by (i) the Department of Labor and Industry pursuant to Title 40.1 and (ii) the Department of Professional and Occupational Regulation or the Department of Health Professions pursuant to Title 54.1 that are limited to reducing fees charged to regulants and applicants.

7. The development and issuance of procedural policy relating to risk-based mine inspections by the Department of Mines, Minerals and Energy authorized pursuant to §§ 45.1-161.82 and 45.1-161.292:55.

8. General permits issued by the (a) State Air Pollution Control Board pursuant to Chapter 13 (§ 10.1-1300 et seq.) of Title 10.1 or (b) State Water Control Board pursuant to the State Water Control Law (§ 62.1-44.2 et seq.), Chapter 24 (§ 62.1-242 et seq.) of Title 62.1 and Chapter 25 (§ 62.1-254 et seq.) of Title 62.1, (c) Virginia Soil and Water Conservation Board pursuant to the Virginia Stormwater

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Management Act (§ 10.1-603.1 et seq.) of Title 10.1 pursuant to the Dam Safety Act (§ 10.1-604 et seq.), and (d) the development and issuance of general wetlands permits by the Marine Resources Commission pursuant to subsection B of § 28.2-1307, if the respective Board or Commission (i) provides a Notice of Intended Regulatory Action in conformance with the provisions of § 2.2-4007.01, (ii) following the passage of 30 days from the publication of the Notice of Intended Regulatory Action forms a technical advisory committee composed of relevant stakeholders, including potentially affected citizens groups, to assist in the development of the general permit, (iii) provides notice and receives oral and written comment as provided in § 2.2-4007.03, and (iv) conducts at least one public hearing on the proposed general permit.

9. The development and issuance by the Board of Education of guidelines on constitutional rights and restrictions relating to the recitation of the pledge of allegiance to the American flag in public schools pursuant to § 22.1-202.

10. Regulations of the Board of the Virginia College Savings Plan adopted pursuant to § 23-38.77.

11. Regulations of the Marine Resources Commission.

12. Regulations adopted by the Board of Housing and Community Development pursuant to (i) Statewide Fire Prevention Code (§ 27-94 et seq.), (ii) the Industrialized Building Safety Law (§ 36-70 et seq.), (iii) the Uniform Statewide Building Code (§ 36-97 et seq.), and (iv) § 36-98.3, provided the Board (a) provides a Notice of Intended Regulatory Action in conformance with the provisions of § 2.2-4007.01, (b) publishes the proposed regulation and provides an opportunity for oral and written comments as provided in § 2.2-4007.03, and (c) conducts at least one public hearing as provided in §§ 2.2-4009 and 36-100 prior to the publishing of the proposed regulations. Notwithstanding the provisions of this subdivision, any regulations promulgated by the Board shall remain subject to the provisions of § 2.2-4007.06 concerning public petitions, and §§ 2.2-4013 and 2.2-4014 concerning review by the Governor and General Assembly.

13. Amendments to the list of drugs susceptible to counterfeiting adopted by the Board of Pharmacy pursuant to subsection B of § 54.1-3307.

B. Whenever regulations are adopted under this section, the agency shall state as part thereof that it will receive, consider and respond to petitions by any interested person at any time with respect to reconsideration or revision. The effective date of regulations adopted under this subsection shall be in accordance with the provisions of § 2.2-4015, except in the case of emergency regulations, which shall become effective as provided in subsection B of § 2.2-4012.

C. A regulation for which an exemption is claimed under this section or § 2.2-4002 or 2.2-4011 and that is placed before a board or commission for consideration shall be provided at least two days in advance of the board or commission meeting to members of the public that request a copy of that regulation. A copy of that regulation shall be made available to the public attending such meeting.

§ 3.2-409. Ordinances.

A. Any locality may adopt an ordinance creating a complaint, investigation, and agricultural stewardship plan development program. Ordinances adopted hereunder may contain only provisions that parallel §§ 3.2-401 and 3.2-402. No such ordinance shall provide for the imposition of civil or criminal sanctions against an operator or owner who fails to implement a plan. If an owner or operator fails to implement a plan, the local governing body shall submit a complaint to the Commissioner as provided in § 3.2-402.

B. This section shall not apply to any ordinance: (i) in existence on July 1, 1996; or (ii) adopted pursuant to the Chesapeake Bay Preservation Act (§ 10.1-2100 62.1-44.15:67 et seq.).

§ 3.2-410. Construction of chapter.

Nothing in this chapter shall be construed as duplicative of regulations governing agricultural practices under the Chesapeake Bay Preservation Act (§ 62.1-44.15:67 et seq.).

§ 3.2-3602. Local government regulation of fertilizer.

No locality shall regulate the registration, packaging, labeling, sale, use, application, storage or distribution of fertilizers except by ordinance as provided for in the requirements of the Chesapeake Bay Preservation Act (§ 10.1-2100 62.1-44.15:67 et seq.), the Erosion and Sediment Control Law (§ 10.1-560 62.1-44.15:51 et seq.), the Stormwater Management Act (§ 10.1-603.1 62.1-44.15:24 et seq.) or other nonpoint source regulations adopted by the Department of Conservation and Recreation Environmental Quality or the Soil and Water Conservation State Water Control Board. The provisions of this section shall not preempt the adoption, amendment, or enforcement of the Statewide Fire Prevention Code pursuant to § 27-97 and the Uniform Statewide Building Code pursuant to § 36-98.

§ 10.1-104.1. Department to assist in the nonpoint source pollution management program.

A. The Department, with the advice of the Board of Conservation and Recreation and the Virginia Soil and Water Conservation Board and in cooperation with other agencies, organizations, and the public as appropriate, shall have the lead responsibility for assist in the Commonwealth's nonpoint source pollution management program. This responsibility includes coordination of the nonpoint source control

elements of programs developed pursuant to certain state and federal laws including § 319 of the Clean Water Act and § 6217 of the Coastal Zone Management Act. Further responsibilities include, but are not limited to, the distribution of assigned funds, the identification and establishment of priorities of nonpoint source related water quality problems, and the administration of the Statewide Nonpoint Source Advisory Committee.

B. The Department shall be assisted in performing its nonpoint source pollution management responsibilities by Virginia's soil and water conservation districts. Assistance by the soil and water conservation districts in the delivery of local programs and services may include (i) the provision of technical assistance to advance adoption of conservation management services, (ii) delivery of educational initiatives targeted at youth and adult groups to further awareness and understanding of water quality issues and solutions, and (iii) promotion of incentives to encourage voluntary actions by landowners and land managers in order to minimize nonpoint source pollution contributions to state waters.

The provisions of this section shall not limit the powers and duties of other state agencies.

§ 10.1-502. Soil and Water Conservation Board; composition.

The Virginia Soil and Water Conservation Board is continued and shall perform the functions conferred upon it in this chapter. The Board shall consist of ~~12~~ *nine* voting members. The Director of the Department of Conservation and Recreation, or his designee, shall be a nonvoting ex officio member of the Board. ~~Six~~ *Three* at-large members of the Board shall be appointed by the Governor. After the initial staggering of terms, nonlegislative citizen members shall be appointed for a term of four years. At least two ~~members shall be appointed by the Governor as of the~~ at-large members ~~should~~ *shall* have a demonstrated interest in natural resource conservation with a background or knowledge in dam safety, soil conservation, ~~or water quality protection, or urban point or nonpoint source pollution control.~~ At least three of the at-large members, by their education, training, or experience, shall be knowledgeable of stormwater management and shall be representative of business and local government interests. Additionally, four members shall be farmers at the time of their appointment and two members shall be farmers or district directors, appointed by the Governor from a list of two qualified nominees for each vacancy jointly submitted by the Board of Directors of the Virginia Association of Soil and Water Conservation Districts, *in consultation with the Virginia Farm Bureau Federation, the Virginia Agribusiness Council, and the Virginia Soil and Water Conservation Board*, each for a term of four years. All appointed members shall not serve more than two consecutive full terms. Appointments to fill vacancies shall be made in the same manner as ~~described above~~ *the original appointments*, except that such appointments shall be for the unexpired terms only. The Board may invite the Virginia State Conservationist, Natural Resources Conservation Service, to serve as an advisory nonvoting member. The Board shall keep a record of its official actions, shall adopt a seal and may perform acts, hold public hearings, and promulgate regulations necessary for the execution of its functions under this chapter.

§ 10.1-504. Chairman; quorum.

The Board shall designate its chairman and may, from time to time, change such designation. ~~Six~~ *Five* members of the Board shall constitute a quorum, and the concurrence of a majority of those present and voting shall be required for all determinations.

§ 10.1-659. Flood protection programs; coordination.

The provisions of this chapter shall be coordinated with federal, state and local flood prevention and water quality programs to minimize loss of life, property damage and negative impacts on the environment. This program coordination shall include but not be limited to the following: flood prevention, flood plain management, small watershed protection, dam safety, *and* soil conservation; ~~stormwater management and erosion and sediment control~~ programs of the Department of Conservation and Recreation; the construction activities of the Department of Transportation which result in hydrologic modification of rivers, streams and flood plains; the water quality, *Chesapeake Bay Preservation Area criteria, stormwater management, erosion and sediment control*, and other water management programs of the State Water Control Board; forested watershed management programs of the Department of Forestry; the statewide building code and other land use control programs of the Department of Housing and Community Development; the habitat management programs of the Virginia Marine Resources Commission; the hazard mitigation planning and disaster response programs of the Department of Emergency Management; the fish habitat protection programs of the Department of Game and Inland Fisheries; the mineral extraction regulatory program of the Department of Mines, Minerals and Energy; the flood plain restrictions of the ~~Department of Virginia Waste Management Board~~; the ~~Chesapeake Bay Preservation Area criteria~~ and local government assistance programs of the Virginia Soil and Water Conservation Board. The Department shall also coordinate and cooperate with localities in rendering assistance to such localities in their efforts to comply with the planning, subdivision of land and zoning provisions of Chapter 22 (§ 15.2-2200 et seq.) of Title 15.2. The Department shall cooperate

with other public and private agencies having flood plain management programs, and shall coordinate its responsibilities under this article and any other law. These activities shall constitute the Commonwealth's flood prevention and protection program.

§ 10.1-2123. Definitions.

As used in this article, unless the context requires a different meaning:

"Board" means the *State Water Control Board of Conservation and Recreation*.

"Department" means the Department of *Conservation and Recreation Environmental Quality*.

"Director" means the Director of the Department of *Conservation and Recreation Environmental Quality*.

§ 15.2-1129.2. Creation of local economic revitalization zones.

A. Any city may establish by ordinance one or more economic revitalization zones for the purpose of providing incentives to private entities to purchase real property and interests in real property to assemble parcels suitable for economic development. Each city establishing an economic revitalization zone may grant incentives and provide regulatory flexibility. Such zones shall be reasonably compact, shall not encompass the entire city, and shall constitute one or more tax parcels not commonly owned. Properties that are acquired through the use of eminent domain shall not be eligible for the incentives and regulatory flexibility provided by the ordinance.

B. The incentives may include, but not be limited to: (i) reduction of permit fees, (ii) reduction of user fees, (iii) reduction of any type of gross receipts tax, and (iv) waiver of tax liens to facilitate the sale of property.

C. Incentives established pursuant to this section may extend for a period of up to 10 years from the date of initial establishment of the economic revitalization zone; however, the extent and duration of any incentive shall conform to the requirements of applicable federal and state law.

D. The regulatory flexibility provided in an economic revitalization zone may include (i) special zoning for the district, (ii) the use of a special permit process, (iii) exemption from certain specified ordinances, excluding ordinances or provisions of ordinances adopted pursuant to the requirements of the Chesapeake Bay Preservation Act (§ 10.1-2100 62.1-44.15:67 et seq.), the Erosion and Sediment Control Law (§ 10.1-560 62.1-44.15:51 et seq.), and the Virginia Stormwater Management Act (§ 10.1-603.1 62.1-44.15:24 et seq.), and (iv) any other incentives adopted by ordinance, which shall be binding upon the locality for a period of up to 10 years.

E. The governing body may establish a service district for the provision of additional public services pursuant to Chapter 24 (§ 15.2-2400 et seq.) of Title 15.2.

F. This section shall not authorize any local government powers that are not expressly granted herein.

G. Prior to adopting or amending any ordinance pursuant to this section, a locality shall provide for notice and public hearing in accordance with subsection A of § 15.2-2204.

§ 15.2-2114. Regulation of stormwater.

A. Any locality, by ordinance, may establish a utility or enact a system of service charges to support a local stormwater management program consistent with Article 1.1 (§ 10.1-603.1 et seq.) of Chapter 6 of Title 10 Article 2.3 (§ 62.1-44.15:24 et seq.) of Chapter 3.1 of Title 62.1 or any other state or federal regulation governing stormwater management. Income derived from a utility or system of charges shall be dedicated special revenue, may not exceed the actual costs incurred by a locality operating under the provisions of this section, and may be used only to pay or recover costs for the following:

1. The acquisition, as permitted by § 15.2-1800, of real and personal property, and interest therein, necessary to construct, operate and maintain stormwater control facilities;

2. The cost of administration of such programs;

3. Planning, design, engineering, construction, and debt retirement for new facilities and enlargement or improvement of existing facilities, including the enlargement or improvement of dams, levees, floodwalls, and pump stations, whether publicly or privately owned, that serve to control stormwater;

4. Facility operation and maintenance, including the maintenance of dams, levees, floodwalls, and pump stations, whether publicly or privately owned, that serve to control the stormwater;

5. Monitoring of stormwater control devices and ambient water quality monitoring; and

6. Other activities consistent with the state or federal regulations or permits governing stormwater management, including, but not limited to, public education, watershed planning, inspection and enforcement activities, and pollution prevention planning and implementation.

B. The charges may be assessed to property owners or occupants, including condominium unit owners or tenants (when the tenant is the party to whom the water and sewer service is billed), and shall be based upon an analysis that demonstrates the rational relationship between the amount charged and the services provided. Prior to adopting such a system, a public hearing shall be held after giving notice as required by charter or by publishing a descriptive notice once a week for two successive weeks prior to adoption in a newspaper with a general circulation in the locality. The second publication shall not be sooner than one calendar week after the first publication. However, prior to adoption of any

ordinance pursuant to this section related to the enlargement, improvement, or maintenance of privately owned dams, a locality shall comply with the notice provisions of § 15.2-1427 and hold a public hearing.

C. A locality adopting such a system shall provide for full waivers of charges to the following:

1. A federal, state, or local government, or public entity, that holds a permit to discharge stormwater from a municipal separate storm sewer system; except that the waiver of charges shall apply only to property covered by any such permit; and

2. Public roads and street rights-of-way that are owned and maintained by state or local agencies including property rights-of-way acquired through the acquisitions process.

D. A locality adopting such a system shall provide for full or partial waivers of charges to any person who installs, operates, and maintains a stormwater management facility that achieves a permanent reduction in stormwater flow or pollutant loadings. The locality shall base the amount of the waiver in part on the percentage reduction in stormwater flow or pollutant loadings, or both, from pre-installation to post-installation of the facility. No locality shall provide a waiver to any person who does not obtain a stormwater permit from the Department of Conservation and Recreation or the Department of Environmental Quality when such permit is required by statute or regulation.

E. A locality adopting such a system may provide for full or partial waivers of charges to cemeteries, property owned or operated by the locality administering the program, and public or private entities that implement or participate in strategies, techniques, or programs that reduce stormwater flow or pollutant loadings, or decrease the cost of maintaining or operating the public stormwater management system.

F. Any locality may issue general obligation bonds or revenue bonds in order to finance the cost of infrastructure and equipment for a stormwater control program. Infrastructure and equipment shall include structural and natural stormwater control systems of all types, including, without limitation, retention basins, sewers, conduits, pipelines, pumping and ventilating stations, and other plants, structures, and real and personal property used for support of the system. The procedure for the issuance of any such general obligation bonds or revenue bonds pursuant to this section shall be in conformity with the procedure for issuance of such bonds as set forth in the Public Finance Act (§ 15.2-2600 et seq.).

G. In the event charges are not paid when due, interest thereon shall at that time accrue at the rate, not to exceed the maximum amount allowed by law, determined by the locality until such time as the overdue payment and interest are paid. Charges and interest may be recovered by the locality by action at law or suit in equity and shall constitute a lien against the property, ranking on a parity with liens for unpaid taxes. The locality may combine the billings for stormwater charges with billings for water or sewer charges, real property tax assessments, or other billings; in such cases, the locality may establish the order in which payments will be applied to the different charges. No locality shall combine its billings with those of another locality or political subdivision, including an authority operating pursuant to Chapter 51 (§ 15.2-5100 et seq.) of Title 15.2, unless such locality or political subdivision has given its consent by duly adopted resolution or ordinance.

H. Any two or more localities may enter into cooperative agreements concerning the management of stormwater.

§ 15.2-2295.1. Regulation of mountain ridge construction.

A. As used in this section, unless the context requires a different meaning:

"Construction" means the building, alteration, repair, or improvement of any building or structure.

"Crest" means the uppermost line of a mountain or chain of mountains from which the land falls away on at least two sides to a lower elevation or elevations.

"Protected mountain ridge" means a ridge with (i) an elevation of 2,000 feet or more and (ii) an elevation of 500 feet or more above the elevation of an adjacent valley floor.

"Ridge" means the elongated crest or series of crests at the apex or uppermost point of intersection between two opposite slopes or sides of a mountain and includes all land within 100 feet below the elevation of any portion of such line or surface along the crest.

"Tall buildings or structures" means any building, structure or unit within a multi-unit building with a vertical height of more than ~~forty~~ 40 feet measured from the top of the natural finished grade of the crest or the natural finished grade of the high side of the slope of a ridge to the uppermost point of the building, structure or unit. "Tall buildings or structures" do not include (i) water, radio, telecommunications or television towers or any equipment for the transmission of electricity, telephone or cable television; (ii) structures of a relatively slender nature and minor vertical projections of a parent building, including, but not limited to, chimneys, flagpoles, flues, spires, steeples, belfries, cupolas, antennas, poles, wires or windmills; or (iii) any building or structure designated as a historic landmark, building or structure by the United States or by the Board of Historic Resources.

B. Determinations by the governing body of heights and elevations under this section shall be conclusive.

C. Any locality in which a protected mountain ridge is located may, by ordinance, provide for the regulation of the height and location of tall buildings or structures on protected mountain ridges. The ordinance may be designed and adopted by the locality as an overlay zone superimposed on any preexisting base zone.

D. An ordinance adopted under this section may include criteria for the granting or denial of permits for the construction of tall buildings or structures on protected mountain ridges. Any such ordinance shall provide that permit applications shall be denied if a permit application fails to provide for (i) adequate sewerage, water, and drainage facilities, including, but not limited to, facilities for drinking water and the adequate supply of water for fire protection and (ii) compliance with the Erosion and Sediment Control Law (§ ~~40.1-560~~ 62.1-44.15:51 et seq.).

E. Any locality that adopts an ordinance providing for the regulation of the height and location of tall buildings or structures on protected mountain ridges shall send a copy of the ordinance to the Secretary of Natural Resources.

F. Nothing in this section shall be construed to affect or impair a governing body's authority under this chapter to define and regulate uses in any existing zoning district or to adopt overlay districts regulating uses on mountainous areas as defined by the governing body.

§ 15.2-2403.3. Stormwater service districts; allocation of revenues.

Any town located within a stormwater service district created pursuant to this chapter shall be entitled to any revenues collected within the town pursuant to subdivision 6 of § 15.2-2403, subject to the limitations set forth therein, so long as the town maintains its own MS4 permit issued pursuant to § ~~40.1-603.2:2~~ 62.1-44.15:26 or maintains its own stormwater service district.

§ 33.1-70.1. Requesting Department to hard-surface secondary roads; paving of certain secondary roads within existing rights-of-way; designation as Rural Rustic Road.

A. Whenever the governing body of any county, after consultation with personnel of the Department of Transportation, adopts a resolution requesting the Department of Transportation to hard-surface any secondary road in such county that carries 50 or more vehicles per day with a hard surface of width and strength adequate for such traffic volume, the Department of Transportation shall give consideration to such resolution in establishing priority in expending the funds allocated to such county. The Department shall consider the paving of roads with a right-of-way width of less than 40 feet under this subsection when land is, has been, or can be acquired by gift for the purpose of constructing a hard-surface road.

B. Notwithstanding the provisions of subsection A of this section, any unpaved secondary road that carries at least 50 but no more than 750 vehicles per day may be paved or improved and paved within its existing right-of-way or within a wider right-of-way that is less than 40 feet wide if the following conditions are met:

1. The governing body of the county in which the road is located has requested paving of such road as part of the six-year plan for the county under § 33.1-70.01 and transmitted that request to the Commissioner of Highways.

2. The Commissioner of Highways, after having considered only (i) the safety of such road in its current condition and in its paved or improved condition, including the desirability of reduced speed limits and installation of other warning signs or devices, (ii) the views of the residents and owners of property adjacent to or served by such road, (iii) the views of the governing body making the request, (iv) the historical and aesthetic significance of such road and its surroundings, (v) the availability of any additional land that has been or may be acquired by gift or other means for the purpose of paving such road within its existing right-of-way or within a wider right-of-way that is less than 40 feet wide, and (vi) environmental considerations, shall grant or deny the request for the paving of such road under this subsection.

C. Notwithstanding the provisions of subsections A and B, the governing body of any county, in consultation with the Department, may designate a road or road segment as a Rural Rustic Road provided such road or road segment is located in a low-density development area and has an average daily traffic volume of no more than 1,500 vehicles per day. For a road or road segment so designated, improvements shall utilize a paved surface width based on reduced and flexible standards that leave trees, vegetation, side slopes and open drainage abutting the roadway undisturbed to the maximum extent possible without compromising public safety. Any road designated as a Rural Rustic Road shall be subject to § ~~40.1-603.8~~ 62.1-44.15:34. The Department, in consultation with the affected local governing body, shall first consider the paving of a road or road segment meeting the criteria for a Rural Rustic Road in accordance with this subsection before making a decision to pave it to another standard as set forth in this section. The provisions of this subsection shall become effective July 1, 2003.

D. The Commonwealth, its agencies, instrumentalities, departments, officers, and employees acting within the scope of their duties and authority shall be immune for damages by reason of actions taken in conformity with the provisions of this section. Immunity for the governing body of any political

subdivision requesting paving under this section and the officers and employees of any such political subdivision shall be limited to that immunity provided pursuant to § 15.2-1405.

§ 36-55.64. Creation of local housing rehabilitation zones.

A. Any city, county, or town may establish, by ordinance, one or more housing rehabilitation zones for the purpose of providing incentives and regulatory flexibility in such zone.

B. The incentives provided in a housing rehabilitation zone may include, but not be limited to (i) reduction of permit fees, (ii) reduction of user fees, and (iii) waiver of tax liens to facilitate the sale of property that will be substantially renovated, rehabilitated or replaced.

C. Incentives established pursuant to this section may extend for a period of up to 10 years from the date of initial establishment of the housing rehabilitation zone; however, the extent and duration of any incentive shall conform to the requirements of applicable federal and state law.

D. The regulatory flexibility provided in a housing rehabilitation zone may include, but not be limited to (i) special zoning for the district, (ii) the use of a special permit process, (iii) exemption from certain specified ordinances, excluding ordinances or provisions of ordinances adopted pursuant to the requirements of the Chesapeake Bay Preservation Act (§ 40.1-2100 62.1-44.15:67 et seq.), the Erosion and Sediment Control Law (§ 40.1-560 62.1-44.15:51 et seq.), and the Virginia Stormwater Management Act (§ 40.1-603.1 62.1-44.15:24 et seq.), and (iv) any other incentives adopted by ordinance, which shall be binding upon the locality for a period of up to 10 years.

E. The governing body may establish a service district for the provision of additional public services pursuant to Chapter 24 (§ 15.2-2400 et seq.) of Title 15.2.

F. Each locality establishing a housing rehabilitation zone pursuant to this section may also apply for the designation of a housing revitalization zone pursuant to Chapter 11 (§ 36-159 et seq.) of Title 36. Nothing in this chapter shall preclude such dual designation.

G. Any housing rehabilitation zone established pursuant to this chapter shall be deemed to meet the requirements for designation of housing revitalization eligible to be financed as an economically mixed project pursuant to § 36-55.30:2.

H. This section shall not authorize any local government powers that are not expressly granted herein.

§ 58.1-3660.1. Certified stormwater management developments and property.

A. Certified stormwater management developments and property, as defined herein, are hereby declared to be a separate class of property and shall constitute a classification for local taxation separate from other such classifications of real property. The governing body of any county, city or town may, by ordinance, exempt or partially exempt such property from local taxation.

B. As used in this section, "certified stormwater management developments and property" means any real estate improvements constructed from permeable material, such as, but not limited to, roads, parking lots, patios, and driveways, which are otherwise constructed of impermeable materials, and which the Department of Conservation and Recreation Environmental Quality has certified to be designed, constructed, or reconstructed for the primary purpose of abating or preventing pollution of the atmosphere or waters of the Commonwealth by minimizing stormwater runoff. Permeable material shall be used for at least seventy percent of the surface areas that would otherwise be covered by impermeable materials.

§ 58.1-3851. Creation of local tourism zones.

A. Any city, county, or town may establish, by ordinance, one or more tourism zones. Each locality may grant tax incentives and provide certain regulatory flexibility in a tourism zone.

B. The tax incentives may be provided for up to 20 years and may include, but not be limited to (i) reduction of permit fees, (ii) reduction of user fees, and (iii) reduction of any type of gross receipts tax. The extent and duration of such incentive proposals shall conform to the requirements of the Constitutions of Virginia and of the United States.

C. The governing body may also provide for regulatory flexibility in such zone that may include, but not be limited to (i) special zoning for the district, (ii) permit process reform, (iii) exemption from ordinances, excluding ordinances or provisions of ordinances adopted pursuant to the requirements of the Chesapeake Bay Preservation Act (§ 40.1-2100 62.1-44.15:67 et seq.), the Erosion and Sediment Control Law (§ 40.1-560 62.1-44.15:51 et seq.), or the Virginia Stormwater Management Act (§ 40.1-603.1 62.1-44.15:24 et seq.), and (iv) any other incentive adopted by ordinance, which shall be binding upon the locality for a period of up to 10 years.

D. The establishment of a tourism zone shall not preclude the area from also being designated as an enterprise zone.

§ 62.1-44.5. Prohibition of waste discharges or other quality alterations of state waters except as authorized by permit; notification required.

A. Except in compliance with a certificate or permit issued by the Board or other entity authorized by the Board to issue a certificate or permit pursuant to this chapter, it shall be unlawful for any person

to:

1. Discharge into state waters sewage, industrial wastes, other wastes, or any noxious or deleterious substances;

2. Excavate in a wetland;

3. Otherwise alter the physical, chemical or biological properties of state waters and make them detrimental to the public health, or to animal or aquatic life, or to the uses of such waters for domestic or industrial consumption, or for recreation, or for other uses; or

4. On and after October 1, 2001, conduct the following activities in a wetland:

a. New activities to cause draining that significantly alters or degrades existing wetland acreage or functions;

b. Filling or dumping;

c. Permanent flooding or impounding; or

d. New activities that cause significant alteration or degradation of existing wetland acreage or functions.

5. Discharge stormwater into state waters from Municipal Separate Storm Sewer Systems or land disturbing activities unless in compliance with a permit issued pursuant to Article 1-1 (§ 10-1-603.1 et seq.) of Chapter 6 of Title 10-1.

B. Any person in violation of the provisions of subsection A who discharges or causes or allows (i) a discharge of sewage, industrial waste, other wastes or any noxious or deleterious substance into or upon state waters or (ii) a discharge that may reasonably be expected to enter state waters shall, upon learning of the discharge, promptly notify, but in no case later than 24 hours the Board, the Director of the Department of Environmental Quality, or the coordinator of emergency services appointed pursuant to § 44-146.19 for the political subdivision reasonably expected to be affected by the discharge. Written notice to the Director of the Department of Environmental Quality shall follow initial notice within the time frame specified by the federal Clean Water Act.

§ 62.1-44.9. Qualifications of members.

A. Members of the Board shall be citizens of the Commonwealth; shall be selected from the Commonwealth at large for merit without regard to political affiliation; and shall, by character and reputation, reasonably be expected to inspire the highest degree of cooperation and confidence in the work of the Board. Members shall, by their education, training, or experience, be knowledgeable of water quality control and regulation and shall be fairly representative of conservation, public health, business, *land development*, and agriculture. No person shall become a member of the Board who receives, or during the previous two years has received, a significant portion of his income directly or indirectly from certificate or permit holders or applicants for a certificate or permit.

For the purposes of this section, "significant portion of income" means 10 percent or more of gross personal income for a calendar year, except that it means 50 percent or more of gross personal income for a calendar year if the recipient is over 60 years of age and is receiving that portion under retirement, pension, or similar arrangement. Income includes retirement benefits, consultant fees, and stock dividends. Income is not received directly or indirectly from certificate or permit holders or applicants for certificates or permits when it is derived from mutual fund payments, or from other diversified investments for which the recipient does not know the identity of the primary sources of income.

B. Notwithstanding any other provision of this section relating to Board membership, the qualifications for Board membership shall not be more strict than those that are required by federal statute or regulations of the United States Environmental Protection Agency.

§ 62.1-44.14. Chairman; Executive Director; employment of personnel; supervision; budget preparation.

The Board shall elect its chairman, and the Executive Director shall be appointed as set forth in § 2.2-106. The Executive Director shall serve as executive officer and devote his whole time to the performance of his duties, and he shall have such administrative powers as are conferred upon him by the Board; and, further, the Board may delegate to its Executive Director any of the powers and duties invested in it by this chapter except the adoption and promulgation of standards, rules and regulations; and the revocation of certificates. The Executive Director is authorized to issue, modify or revoke orders in cases of emergency as described in §§ 62.1-44.15 (8b) and 62.1-44.34:20 of this chapter. The Executive Director is further authorized to employ such consultants and full-time technical and clerical workers as are necessary and within the available funds to carry out the purposes of this chapter.

It shall be the duty of the Executive Director to exercise general supervision and control over the quality and management of all state waters and to administer and enforce this chapter, and all certificates, standards, policies, rules, regulations, rulings and special orders promulgated by the Board. The Executive Director shall prepare, approve, and submit all requests for appropriations and be responsible for all expenditures pursuant to appropriations. *The Executive Director shall be vested with all the authority of the Board when it is not in session, except for the Board's authority to consider*

permits pursuant to § 62.1-44.15:02 and to issue special orders pursuant to subdivisions (8a) and (8b) of § 62.1-44.15 and subject to such regulations as may be prescribed by the Board. In no event shall the Executive Director have the authority to adopt or promulgate any regulation.

§ 62.1-44.15. Powers and duties; civil penalties.

It shall be the duty of the Board and it shall have the authority:

(1) [Repealed.]

(2) To study and investigate all problems concerned with the quality of state waters and to make reports and recommendations.

(2a) To study and investigate methods, procedures, devices, appliances, and technologies that could assist in water conservation or water consumption reduction.

(2b) To coordinate its efforts toward water conservation with other persons or groups, within or without the Commonwealth.

(2c) To make reports concerning, and formulate recommendations based upon, any such water conservation studies to ensure that present and future water needs of the citizens of the Commonwealth are met.

(3a) To establish such standards of quality and policies for any state waters consistent with the general policy set forth in this chapter, and to modify, amend or cancel any such standards or policies established and to take all appropriate steps to prevent quality alteration contrary to the public interest or to standards or policies thus established, except that a description of provisions of any proposed standard or policy adopted by regulation which are more restrictive than applicable federal requirements, together with the reason why the more restrictive provisions are needed, shall be provided to the standing committee of each house of the General Assembly to which matters relating to the content of the standard or policy are most properly referable. The Board shall, from time to time, but at least once every three years, hold public hearings pursuant to § 2.2-4007.01 but, upon the request of an affected person or upon its own motion, hold hearings pursuant to § 2.2-4009, for the purpose of reviewing the standards of quality, and, as appropriate, adopting, modifying, or canceling such standards. Whenever the Board considers the adoption, modification, amendment or cancellation of any standard, it shall give due consideration to, among other factors, the economic and social costs and benefits which can reasonably be expected to obtain as a consequence of the standards as adopted, modified, amended or cancelled. The Board shall also give due consideration to the public health standards issued by the Virginia Department of Health with respect to issues of public health policy and protection. If the Board does not follow the public health standards of the Virginia Department of Health, the Board's reason for any deviation shall be made in writing and published for any and all concerned parties.

(3b) Except as provided in subdivision (3a), such standards and policies are to be adopted or modified, amended or cancelled in the manner provided by the Administrative Process Act (§ 2.2-4000 et seq.).

(4) To conduct or have conducted scientific experiments, investigations, studies, and research to discover methods for maintaining water quality consistent with the purposes of this chapter. To this end the Board may cooperate with any public or private agency in the conduct of such experiments, investigations and research and may receive in behalf of the Commonwealth any moneys that any such agency may contribute as its share of the cost under any such cooperative agreement. Such moneys shall be used only for the purposes for which they are contributed and any balance remaining after the conclusion of the experiments, investigations, studies, and research, shall be returned to the contributors.

(5) To issue, revoke or amend certificates under prescribed conditions for: (a) the discharge of sewage, industrial wastes and other wastes into or adjacent to state waters; (b) the alteration otherwise of the physical, chemical or biological properties of state waters; (c) excavation in a wetland; or (d) on and after October 1, 2001, the conduct of the following activities in a wetland: (i) new activities to cause draining that significantly alters or degrades existing wetland acreage or functions, (ii) filling or dumping, (iii) permanent flooding or impounding, or (iv) new activities that cause significant alteration or degradation of existing wetland acreage or functions. However, to the extent allowed by federal law, any person holding a certificate issued by the Board that is intending to upgrade the permitted facility by installing technology, control equipment, or other apparatus that the permittee demonstrates to the satisfaction of the Director will result in improved energy efficiency, reduction in the amount of nutrients discharged, and improved water quality shall not be required to obtain a new, modified, or amended permit. The permit holder shall provide the demonstration anticipated by this subdivision to the Department no later than 30 days prior to commencing construction.

(5a) All certificates issued by the Board under this chapter shall have fixed terms. The term of a Virginia Pollution Discharge Elimination System permit shall not exceed five years. The term of a Virginia Water Protection Permit shall be based upon the projected duration of the project, the length of any required monitoring, or other project operations or permit conditions; however, the term shall not exceed 15 years. The term of a Virginia Pollution Abatement permit shall not exceed 10 years, except

that the term of a Virginia Pollution Abatement permit for confined animal feeding operations shall be 10 years. The Department of Environmental Quality shall inspect all facilities for which a Virginia Pollution Abatement permit has been issued to ensure compliance with statutory, regulatory, and permit requirements. Department personnel performing inspections of confined animal feeding operations shall be certified under the voluntary nutrient management training and certification program established in § 10.1-104.2. The term of a certificate issued by the Board shall not be extended by modification beyond the maximum duration and the certificate shall expire at the end of the term unless an application for a new permit has been timely filed as required by the regulations of the Board and the Board is unable, through no fault of the permittee, to issue a new permit before the expiration date of the previous permit.

(5b) Any certificate issued by the Board under this chapter may, after notice and opportunity for a hearing, be amended or revoked on any of the following grounds or for good cause as may be provided by the regulations of the Board:

1. The owner has violated any regulation or order of the Board, any condition of a certificate, any provision of this chapter, or any order of a court, where such violation results in a release of harmful substances into the environment or poses a substantial threat of release of harmful substances into the environment or presents a hazard to human health or the violation is representative of a pattern of serious or repeated violations which, in the opinion of the Board, demonstrates the owner's disregard for or inability to comply with applicable laws, regulations, or requirements;

2. The owner has failed to disclose fully all relevant material facts or has misrepresented a material fact in applying for a certificate, or in any other report or document required under this law or under the regulations of the Board;

3. The activity for which the certificate was issued endangers human health or the environment and can be regulated to acceptable levels by amendment or revocation of the certificate; or

4. There exists a material change in the basis on which the permit was issued that requires either a temporary or a permanent reduction or elimination of any discharge controlled by the certificate necessary to protect human health or the environment.

(5c) Any certificate issued by the Board under this chapter relating to dredging projects governed under Chapter 12 (§ 28.2-1200 et seq.) or Chapter 13 (§ 28.2-1300 et seq.) of Title 28.2 may be conditioned upon a demonstration of financial responsibility for the completion of compensatory mitigation requirements. Financial responsibility may be demonstrated by a letter of credit, a certificate of deposit or a performance bond executed in a form approved by the Board. If the U.S. Army Corps of Engineers requires demonstration of financial responsibility for the completion of compensatory mitigation required for a particular project, then the mechanism and amount approved by the U.S. Army Corps of Engineers shall be used to meet this requirement.

(6) To make investigations and inspections, to ensure compliance with any certificates, standards, policies, rules, regulations, rulings and special orders which it may adopt, issue or establish and to furnish advice, recommendations, or instructions for the purpose of obtaining such compliance. In recognition of §§ 32.1-164 and 62.1-44.18, the Board and the State Department of Health shall enter into a memorandum of understanding establishing a common format to consolidate and simplify inspections of sewage treatment plants and coordinate the scheduling of the inspections. The new format shall ensure that all sewage treatment plants are inspected at appropriate intervals in order to protect water quality and public health and at the same time avoid any unnecessary administrative burden on those being inspected.

(7) To adopt rules governing the procedure of the Board with respect to: (a) hearings; (b) the filing of reports; (c) the issuance of certificates and special orders; and (d) all other matters relating to procedure; and to amend or cancel any rule adopted. Public notice of every rule adopted under this section shall be by such means as the Board may prescribe.

(8a) *Except as otherwise provided in Articles 2.4 (§ 62.1-44.15:51 et seq.) and 2.5 (§ 62.1-44.15:67 et seq.)* issue special orders to owners (i) who are permitting or causing the pollution, as defined by § 62.1-44.3, of state waters to cease and desist from such pollution, (ii) who have failed to construct facilities in accordance with final approved plans and specifications to construct such facilities in accordance with final approved plans and specifications, (iii) who have violated the terms and provisions of a certificate issued by the Board to comply with such terms and provisions, (iv) who have failed to comply with a directive from the Board to comply with such directive, (v) who have contravened duly adopted and promulgated water quality standards and policies to cease and desist from such contravention and to comply with such water quality standards and policies, (vi) who have violated the terms and provisions of a pretreatment permit issued by the Board or by the owner of a publicly owned treatment works to comply with such terms and provisions or (vii) who have contravened any applicable pretreatment standard or requirement to comply with such standard or requirement; and also to issue such orders to require any owner to comply with the provisions of this chapter and any decision

of the Board. *Orders Except as otherwise provided by a separate article, orders issued pursuant to this subsection may include civil penalties of up to \$32,500 per violation, not to exceed \$100,000 per order. The Board may assess penalties under this subsection if (a) the person has been issued at least two written notices of alleged violation by the Department for the same or substantially related violations at the same site, (b) such violations have not been resolved by demonstration that there was no violation, by an order issued by the Board or the Director, or by other means, (c) at least 130 days have passed since the issuance of the first notice of alleged violation, and (d) there is a finding that such violations have occurred after a hearing conducted in accordance with subdivision (8b). The actual amount of any penalty assessed shall be based upon the severity of the violations, the extent of any potential or actual environmental harm, the compliance history of the facility or person, any economic benefit realized from the noncompliance, and the ability of the person to pay the penalty. The Board shall provide the person with the calculation for the proposed penalty prior to any hearing conducted for the issuance of an order that assesses penalties pursuant to this subsection. The issuance of a notice of alleged violation by the Department shall not be considered a case decision as defined in § 2.2-4001. Any notice of alleged violation shall include a description of each violation, the specific provision of law violated, and information on the process for obtaining a final decision or fact finding from the Department on whether or not a violation has occurred, and nothing in this section shall preclude an owner from seeking such a determination. Such civil penalties shall be paid into the state treasury and deposited by the State Treasurer into the Virginia Environmental Emergency Response Fund (§ 10.1-2500 et seq.), except that civil penalties assessed for violations of Article 9 (§ 62.1-44.34:8 et seq.) or Article 11 (§ 62.1-44.34:14 et seq.) shall be paid into the Virginia Petroleum Storage Tank Fund in accordance with § 62.1-44.34:11, and except that civil penalties assessed for violations of Article 2.3 (§ 62.1-44.15:24 et seq.) shall be paid in accordance with the provisions of § 62.1-44.15:48.*

(8b) Such special orders are to be issued only after a hearing before a hearing officer appointed by the Supreme Court in accordance with § 2.2-4020 or, if requested by the person, before a quorum of the Board with at least 30 days' notice to the affected owners, of the time, place and purpose thereof, and they shall become effective not less than 15 days after service as provided in § 62.1-44.12; provided that if the Board finds that any such owner is grossly affecting or presents an imminent and substantial danger to (i) the public health, safety or welfare, or the health of animals, fish or aquatic life; (ii) a public water supply; or (iii) recreational, commercial, industrial, agricultural or other reasonable uses, it may issue, without advance notice or hearing, an emergency special order directing the owner to cease such pollution or discharge immediately, and shall provide an opportunity for a hearing, after reasonable notice as to the time and place thereof to the owner, to affirm, modify, amend or cancel such emergency special order. If an owner who has been issued such a special order or an emergency special order is not complying with the terms thereof, the Board may proceed in accordance with § 62.1-44.23, and where the order is based on a finding of an imminent and substantial danger, the court shall issue an injunction compelling compliance with the emergency special order pending a hearing by the Board. If an emergency special order requires cessation of a discharge, the Board shall provide an opportunity for a hearing within 48 hours of the issuance of the injunction.

(8c) The provisions of this section notwithstanding, the Board may proceed directly under § 62.1-44.32 for any past violation or violations of any provision of this chapter or any regulation duly promulgated hereunder.

(8d) With the consent of any owner who has violated or failed, neglected or refused to obey any regulation or order of the Board, any condition of a permit or any provision of this chapter, the Board may provide, in an order issued by the Board against such person, for the payment of civil charges for past violations in specific sums not to exceed the limit specified in § 62.1-44.32 (a). Such civil charges shall be instead of any appropriate civil penalty which could be imposed under § 62.1-44.32 (a) and shall not be subject to the provisions of § 2.2-514. Such civil charges shall be paid into the state treasury and deposited by the State Treasurer into the Virginia Environmental Emergency Response Fund (§ 10.1-2500 et seq.), excluding civil charges assessed for violations of Article 9 (§ 62.1-44.34:8 et seq.) or 10 (§ 62.1-44.34:10 et seq.) of Chapter 3.1, or a regulation, administrative or judicial order, or term or condition of approval relating to or issued under those articles, *or civil charges assessed for violations of Article 2.3 (§ 62.1-44.15:24 et seq.), or a regulation, administrative or judicial order, or term or condition of approval relating to or issued under that article.*

The amendments to this section adopted by the 1976 Session of the General Assembly shall not be construed as limiting or expanding any cause of action or any other remedy possessed by the Board prior to the effective date of said amendments.

(8e) The Board shall develop and provide an opportunity for public comment on guidelines and procedures that contain specific criteria for calculating the appropriate penalty for each violation based upon the severity of the violations, the extent of any potential or actual environmental harm, the compliance history of the facility or person, any economic benefit realized from the noncompliance, and

the ability of the person to pay the penalty.

(8f) Before issuing a special order under subdivision (8a) or by consent under (8d), with or without an assessment of a civil penalty, to an owner of a sewerage system requiring corrective action to prevent or minimize overflows of sewage from such system, the Board shall provide public notice of and reasonable opportunity to comment on the proposed order. Any such order under subdivision (8d) may impose civil penalties in amounts up to the maximum amount authorized in § 309(g) of the Clean Water Act. Any person who comments on the proposed order shall be given notice of any hearing to be held on the terms of the order. In any hearing held, such person shall have a reasonable opportunity to be heard and to present evidence. If no hearing is held before issuance of an order under subdivision (8d), any person who commented on the proposed order may file a petition, within 30 days after the issuance of such order, requesting the Board to set aside such order and provide a formal hearing thereon. If the evidence presented by the petitioner in support of the petition is material and was not considered in the issuance of the order, the Board shall immediately set aside the order, provide a formal hearing, and make such petitioner a party. If the Board denies the petition, the Board shall provide notice to the petitioner and make available to the public the reasons for such denial, and the petitioner shall have the right to judicial review of such decision under § 62.1-44.29 if he meets the requirements thereof.

(9) To make such rulings under §§ 62.1-44.16, 62.1-44.17, and 62.1-44.19 as may be required upon requests or applications to the Board, the owner or owners affected to be notified by certified mail as soon as practicable after the Board makes them and such rulings to become effective upon such notification.

(10) To adopt such regulations as it deems necessary to enforce the general water quality management program of the Board in all or part of the Commonwealth, except that a description of provisions of any proposed regulation which are more restrictive than applicable federal requirements, together with the reason why the more restrictive provisions are needed, shall be provided to the standing committee of each house of the General Assembly to which matters relating to the content of the regulation are most properly referable.

(11) To investigate any large-scale killing of fish.

(a) Whenever the Board shall determine that any owner, whether or not he shall have been issued a certificate for discharge of waste, has discharged sewage, industrial waste, or other waste into state waters in such quantity, concentration or manner that fish are killed as a result thereof, it may effect such settlement with the owner as will cover the costs incurred by the Board and by the Department of Game and Inland Fisheries in investigating such killing of fish, plus the replacement value of the fish destroyed, or as it deems proper, and if no such settlement is reached within a reasonable time, the Board shall authorize its executive secretary to bring a civil action in the name of the Board to recover from the owner such costs and value, plus any court or other legal costs incurred in connection with such action.

(b) If the owner is a political subdivision of the Commonwealth, the action may be brought in any circuit court within the territory embraced by such political subdivision. If the owner is an establishment, as defined in this chapter, the action shall be brought in the circuit court of the city or the circuit court of the county in which such establishment is located. If the owner is an individual or group of individuals, the action shall be brought in the circuit court of the city or circuit court of the county in which such person or any of them reside.

(c) For the purposes of this subsection the State Water Control Board shall be deemed the owner of the fish killed and the proceedings shall be as though the State Water Control Board were the owner of the fish. The fact that the owner has or held a certificate issued under this chapter shall not be raised as a defense in bar to any such action.

(d) The proceeds of any recovery had under this subsection shall, when received by the Board, be applied, first, to reimburse the Board for any expenses incurred in investigating such killing of fish. The balance shall be paid to the Board of Game and Inland Fisheries to be used for the fisheries' management practices as in its judgment will best restore or replace the fisheries' values lost as a result of such discharge of waste, including, where appropriate, replacement of the fish killed with game fish or other appropriate species. Any such funds received are hereby appropriated for that purpose.

(e) Nothing in this subsection shall be construed in any way to limit or prevent any other action which is now authorized by law by the Board against any owner.

(f) Notwithstanding the foregoing, the provisions of this subsection shall not apply to any owner who adds or applies any chemicals or other substances that are recommended or approved by the State Department of Health to state waters in the course of processing or treating such waters for public water supply purposes, except where negligence is shown.

(12) To administer programs of financial assistance for planning, construction, operation, and maintenance of water quality control facilities for political subdivisions in the Commonwealth.

(13) To establish policies and programs for effective area-wide or basin-wide water quality control

and management. The Board may develop comprehensive pollution abatement and water quality control plans on an area-wide or basin-wide basis. In conjunction with this, the Board, when considering proposals for waste treatment facilities, is to consider the feasibility of combined or joint treatment facilities and is to ensure that the approval of waste treatment facilities is in accordance with the water quality management and pollution control plan in the watershed or basin as a whole. In making such determinations, the Board is to seek the advice of local, regional, or state planning authorities.

(14) To establish requirements for the treatment of sewage, industrial wastes and other wastes that are consistent with the purposes of this chapter; however, no treatment shall be less than secondary or its equivalent, unless the owner can demonstrate that a lesser degree of treatment is consistent with the purposes of this chapter.

(15) To promote and establish requirements for the reclamation and reuse of wastewater that are protective of state waters and public health as an alternative to directly discharging pollutants into waters of the state. The requirements shall address various potential categories of reuse and may include general permits and provide for greater flexibility and less stringent requirements commensurate with the quality of the reclaimed water and its intended use. The requirements shall be developed in consultation with the Department of Health and other appropriate state agencies. This authority shall not be construed as conferring upon the Board any power or duty duplicative of those of the State Board of Health.

(16) To establish and implement policies and programs to protect and enhance the Commonwealth's wetland resources. Regulatory programs shall be designed to achieve no net loss of existing wetland acreage and functions. Voluntary and incentive-based programs shall be developed to achieve a net resource gain in acreage and functions of wetlands. The Board shall seek and obtain advice and guidance from the Virginia Institute of Marine Science in implementing these policies and programs.

(17) To establish additional procedures for obtaining a Virginia Water Protection Permit pursuant to §§ 62.1-44.15:20 and 62.1-44.15:22 for a proposed water withdrawal involving the transfer of water resources between major river basins within the Commonwealth that may impact water basins in another state. Such additional procedures shall not apply to any water withdrawal in existence as of July 1, 2012, except where the expansion of such withdrawal requires a permit under §§ 62.1-44.15:20 and 62.1-44.15:22, in which event such additional procedures may apply to the extent of the expanded withdrawal only. The applicant shall provide as part of the application (i) an analysis of alternatives to such a transfer, (ii) a comprehensive analysis of the impacts that would occur in the source and receiving basins, (iii) a description of measures to mitigate any adverse impacts that may arise, (iv) a description of how notice shall be provided to interested parties, and (v) any other requirements that the Board may adopt that are consistent with the provisions of this section and §§ 62.1-44.15:20 and 62.1-44.15:22 or regulations adopted thereunder. This subdivision shall not be construed as limiting or expanding the Board's authority under §§ 62.1-44.15:20 and 62.1-44.15:22 to issue permits and impose conditions or limitations on the permitted activity.

(18) *To be the lead agency for the Commonwealth's nonpoint source pollution management program, including coordination of the nonpoint source control elements of programs developed pursuant to certain state and federal laws, including § 319 of the federal Clean Water Act and § 6217 of the federal Coastal Zone Management Act. Further responsibilities include the adoption of regulations necessary to implement a nonpoint source pollution management program in the Commonwealth, the distribution of assigned funds, the identification and establishment of priorities to address nonpoint source related water quality problems, the administration of the Statewide Nonpoint Source Advisory Committee, and the development of a program for the prevention and control of soil erosion, sediment deposition, and nonagricultural runoff to conserve Virginia's natural resources.*

Article 2.3.

Stormwater Management Act.

§ 62.1-44.15:24. Definitions.

As used in this article, unless the context requires a different meaning:

"Chesapeake Bay Preservation Act land-disturbing activity" means a land-disturbing activity including clearing, grading, or excavation that results in a land disturbance equal to or greater than 2,500 square feet and less than one acre in all areas of jurisdictions designated as subject to the regulations adopted pursuant to the Chesapeake Bay Preservation provisions of this chapter.

"CWA" means the federal Clean Water Act (33 U.S.C. § 1251 et seq.), formerly referred to as the Federal Water Pollution Control Act or Federal Water Pollution Control Act Amendments of 1972, P.L. 92-500, as amended by P.L. 95-217, P.L. 95-576, P.L. 96-483, and P.L. 97-117, or any subsequent revisions thereto.

"Department" means the Department of Environmental Quality.

"Director" means the Director of the Department of Environmental Quality.

"Flooding" means a volume of water that is too great to be confined within the banks or walls of the stream, water body, or conveyance system and that overflows onto adjacent lands, thereby causing or

threatening damage.

"Land disturbance" or "land-disturbing activity" means a man-made change to the land surface that potentially changes its runoff characteristics including clearing, grading, or excavation, except that the term shall not include those exemptions specified in § 62.1-44.15:34.

"Municipal separate storm sewer" means a conveyance or system of conveyances otherwise known as a municipal separate storm sewer system or "MS4," including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains:

1. Owned or operated by a federal, state, city, town, county, district, association, or other public body, created by or pursuant to state law, having jurisdiction or delegated authority for erosion and sediment control and stormwater management, or a designated and approved management agency under § 208 of the CWA that discharges to surface waters;

2. Designed or used for collecting or conveying stormwater;

3. That is not a combined sewer; and

4. That is not part of a publicly owned treatment works.

"Municipal Separate Storm Sewer System Management Program" means a management program covering the duration of a state permit for a municipal separate storm sewer system that includes a comprehensive planning process that involves public participation and intergovernmental coordination, to reduce the discharge of pollutants to the maximum extent practicable, to protect water quality, and to satisfy the appropriate water quality requirements of the CWA and regulations, and this article and its attendant regulations, using management practices, control techniques, and system, design, and engineering methods, and such other provisions that are appropriate.

"Nonpoint source pollution" means pollution such as sediment, nitrogen, phosphorus, hydrocarbons, heavy metals, and toxics whose sources cannot be pinpointed but rather are washed from the land surface in a diffuse manner by stormwater runoff.

"Peak flow rate" means the maximum instantaneous flow from a prescribed design storm at a particular location.

"Permit" or "VSMP authority permit" means an approval to conduct a land-disturbing activity issued by the VSMP authority for the initiation of a land-disturbing activity after evidence of state VSMP general permit coverage has been provided where applicable.

"Permittee" means the person to which the permit or state permit is issued.

"Runoff volume" means the volume of water that runs off the land development project from a prescribed storm event.

"State permit" means an approval to conduct a land-disturbing activity issued by the Board in the form of a state stormwater individual permit or coverage issued under a state general permit or an approval issued by the Board for stormwater discharges from an MS4. Under these permits, the Commonwealth imposes and enforces requirements pursuant to the federal Clean Water Act and regulations and this article and its attendant regulations.

"Stormwater" means precipitation that is discharged across the land surface or through conveyances to one or more waterways and that may include stormwater runoff, snow melt runoff, and surface runoff and drainage.

"Stormwater management plan" means a document containing material describing methods for complying with the requirements of a VSMP.

"Subdivision" means the same as defined in § 15.2-2201.

"Virginia Stormwater Management Program" or "VSMP" means a program approved by the Soil and Water Conservation Board after September 13, 2011, and until June 30, 2013, or the State Water Control Board on and after June 30, 2013, that has been established by a VSMP authority to manage the quality and quantity of runoff resulting from land-disturbing activities and shall include such items as local ordinances, rules, permit requirements, annual standards and specifications, policies and guidelines, technical materials, and requirements for plan review, inspection, enforcement, where authorized in this article, and evaluation consistent with the requirements of this article and associated regulations.

"Virginia Stormwater Management Program authority" or "VSMP authority" means an authority approved by the Board after September 13, 2011, to operate a Virginia Stormwater Management Program or, until such approval is given, the Department. An authority may include a locality; state entity, including the Department; federal entity; or, for linear projects subject to annual standards and specifications in accordance with subsection B of § 62.1-44.15:31, electric, natural gas, and telephone utility companies, interstate and intrastate natural gas pipeline companies, railroad companies, or authorities created pursuant to § 15.2-5102.

"Water quality volume" means the volume equal to the first one-half inch of runoff multiplied by the impervious surface of the land development project.

"Watershed" means a defined land area drained by a river or stream, karst system, or system of

connecting rivers or streams such that all surface water within the area flows through a single outlet. In karst areas, the karst feature to which water drains may be considered the single outlet for the watershed.

§ 62.1-44.15:25. Further powers and duties of the State Water Control Board.

In addition to other powers and duties conferred upon the Board, it shall permit, regulate, and control stormwater runoff in the Commonwealth. The Board may issue, deny, revoke, terminate, or amend state stormwater individual permits or coverage issued under state general permits; adopt regulations; approve and periodically review Virginia Stormwater Management Programs and management programs developed in conjunction with a state municipal separate storm sewer permit; enforce the provisions of this article; and otherwise act to ensure the general health, safety, and welfare of the citizens of the Commonwealth as well as protect the quality and quantity of state waters from the potential harm of unmanaged stormwater. The Board may:

1. Issue, deny, amend, revoke, terminate, and enforce state permits for the control of stormwater discharges from Municipal Separate Storm Sewer Systems and land-disturbing activities.

2. Take administrative and legal actions to ensure compliance with the provisions of this article by any person subject to state or VSMP authority permit requirements under this article, and those entities with an approved Virginia Stormwater Management Program and management programs developed in conjunction with a state municipal separate storm sewer system permit, including the proper enforcement and implementation of, and continual compliance with, this article.

3. In accordance with procedures of the Administrative Process Act (§ 2.2-4000 et seq.), amend or revoke any state permit issued under this article on the following grounds or for good cause as may be provided by the regulations of the Board:

a. Any person subject to state permit requirements under this article has violated or failed, neglected, or refused to obey any order or regulation of the Board, any order, notice, or requirement of the Department, any condition of a state permit, any provision of this article, or any order of a court, where such violation results in the unreasonable degradation of properties, water quality, stream channels, and other natural resources, or the violation is representative of a pattern of serious or repeated violations, including the disregard for or inability to comply with applicable laws, regulations, permit conditions, orders, rules, or requirements;

b. Any person subject to state permit requirements under this article has failed to disclose fully all relevant material facts or has misrepresented a material fact in applying for a state permit, or in any other report or document required under this law or under the regulations of the Board;

c. The activity for which the state permit was issued causes unreasonable degradation of properties, water quality, stream channels, and other natural resources; or

d. There exists a material change in the basis on which the state permit was issued that requires either a temporary or a permanent reduction or elimination of any discharge or land-disturbing activity controlled by the state permit necessary to prevent unreasonable degradation of properties, water quality, stream channels, and other natural resources.

4. Cause investigations and inspections to ensure compliance with any state or VSMP authority permits, conditions, policies, rules, regulations, rulings, and orders which it may adopt, issue, or establish and to furnish advice, recommendations, or instructions for the purpose of obtaining such compliance.

5. In accordance with procedures of the Administrative Process Act (§ 2.2-4000 et seq.), adopt rules governing (i) hearings, (ii) the filing of reports, (iii) the issuance of permits and special orders, and (iv) all other matters relating to procedure, and amend or cancel any rule adopted.

6. Issue special orders to any person subject to state or VSMP authority permit requirements under this article (i) who is permitting or causing the unreasonable degradation of properties, water quality, stream channels, and other natural resources to cease and desist from such activities; (ii) who has failed to construct facilities in accordance with final approved plans and specifications to construct such facilities; (iii) who has violated the terms and provisions of a state or VSMP authority permit issued by the Board or VSMP authority to comply with the provisions of the state or VSMP authority permit, this article, and any decision of the VSMP authority, the Department, or the Board; or (iv) who has violated the terms of an order issued by the court, the VSMP authority, the Department, or the Board to comply with the terms of such order, and also to issue orders to require any person subject to state or VSMP authority permit requirements under this article to comply with the provisions of this article and any decision of the Board.

Such special orders are to be issued in accordance with the procedures of the Administrative Process Act (§ 2.2-4000 et seq.) and shall become effective not less than 15 days after the date of mailing with confirmation of delivery of the notice to the last known address of any person subject to state or VSMP authority permit requirements under this article, provided that if the Board finds that any such person subject to state or VSMP authority permit requirements under this article is grossly affecting or presents

an imminent and substantial danger to (i) the public health, safety, or welfare or the health of animals, fish, or aquatic life; (ii) a public water supply; or (iii) recreational, commercial, industrial, agricultural, or other reasonable uses, it may issue, without advance notice or hearing, an emergency special order directing any person subject to state or VSMP authority permit requirements under this article to cease such pollution or discharge immediately, and shall provide an opportunity for a hearing, after reasonable notice as to the time and place thereof to any person subject to state or VSMP authority permit requirements under this article, to affirm, modify, amend, or cancel such emergency special order. If any person subject to state or VSMP authority permit requirements under this article who has been issued such a special order or an emergency special order is not complying with the terms thereof, the Board may proceed in accordance with § 62.1-44.15:48, and where the order is based on a finding of an imminent and substantial danger, the court shall issue an injunction compelling compliance with the emergency special order pending a hearing by the Board. If an emergency special order requires cessation of a discharge, the recipient of the order may appeal its issuance to the circuit court of the jurisdiction wherein the discharge was alleged to have occurred.

The provisions of this section notwithstanding, the Board may proceed directly under § 62.1-44.15:48 for any past violation or violations of any provision of this article or any regulation duly adopted hereunder.

With the consent of any person subject to state or VSMP authority permit requirements under this article who has violated or failed, neglected, or refused to obey any regulation or order of the Board, any order, notice, or requirement of the Department or VSMP authority, any condition of a state or VSMP authority permit, or any provision of this article, the Board may provide, in an order issued by the Board against such person, for the payment of civil charges for violations in specific sums not to exceed the limit specified in subsection A of § 62.1-44.15:48. Such civil charges shall be collected in lieu of any appropriate civil penalty that could be imposed pursuant to subsection A of § 62.1-44.15:48 and shall not be subject to the provisions of § 2.2-514. Such civil charges shall be paid into the state treasury and deposited by the State Treasurer into the Virginia Stormwater Management Fund established pursuant to § 62.1-44.15:29.

§ 62.1-44.15:26. State permits.

A. All state permits issued by the Board under this article shall have fixed terms. The term of a state permit shall be based upon the projected duration of the project, the length of any required monitoring, or other project operations or permit conditions; however, the term shall not exceed five years. The term of a permit issued by the Board shall not be extended by modification beyond the maximum duration and the permit shall expire at the end of the term unless it is administratively continued in accordance with Board regulations.

B. State individual construction permits shall be administered by the Department.

§ 62.1-44.15:27. Establishment of Virginia Stormwater Management Programs.

A. Any locality, excluding towns, unless such town operates a regulated MS4, shall be required to adopt a VSMP for land-disturbing activities consistent with the provisions of this article according to a schedule set by the Board. Such schedule shall require adoption no sooner than 15 months and not more than 21 months following the effective date of the regulation that establishes local program criteria and delegation procedures, unless the Board deems that the Department's review of the VSMP warrants an extension up to an additional 12 months, provided the locality has made substantive progress. Localities subject to this subsection are authorized to coordinate plan review and inspections with other entities in accordance with subsection H.

B. Any town lying within a county that has adopted a VSMP in accordance with subsection A may adopt its own program or shall become subject to the county program. If a town lies within the boundaries of more than one county, the town shall be considered to be wholly within the county in which the larger portion of the town lies. Towns shall inform the Department of their decision according to a schedule established by the Department. Thereafter, the Department shall provide an annual schedule by which towns can submit applications to adopt a VSMP.

C. In support of VSMP authorities, the Department shall:

1. Provide assistance grants to localities not currently operating a local stormwater management program to help the localities to establish their VSMP.

2. Provide technical assistance and training.

3. Provide qualified services in specified geographic areas to a VSMP to assist localities in the administration of components of their programs. The Department shall actively assist localities in the establishment of their programs and in the selection of a contractor or other entity that may provide support to the locality or regional support to several localities.

D. The Department shall develop a model ordinance for establishing a VSMP consistent with this article and its associated regulations, including the Virginia Stormwater Management Program (VSMP) General Permit for Discharges of Stormwater from Construction Activities.

E. Each locality that administers an approved VSMP shall, by ordinance, establish a VSMP that shall be administered in conjunction with a local MS4 program and a local erosion and sediment control program if required pursuant to Article 2.4 (§ 62.1-44.15:51 et seq.), and which shall include the following:

1. Consistency with regulations adopted in accordance with provisions of this article;
2. Provisions for long-term responsibility for and maintenance of stormwater management control devices and other techniques specified to manage the quality and quantity of runoff; and
3. Provisions for the integration of the VSMP with local erosion and sediment control, flood insurance, flood plain management, and other programs requiring compliance prior to authorizing construction in order to make the submission and approval of plans, issuance of permits, payment of fees, and coordination of inspection and enforcement activities more convenient and efficient both for the local governments and those responsible for compliance with the programs.

F. The Board may approve a state entity, including the Department, federal entity, or, for linear projects subject to annual standards and specifications, electric, natural gas, and telephone utility companies, interstate and intrastate natural gas pipeline companies, railroad companies, or authorities created pursuant to § 15.2-5102 to operate a Virginia Stormwater Management Program consistent with the requirements of this article and its associated regulations and the VSMP authority's Department-approved annual standards and specifications. For these programs, enforcement shall be administered by the Department and the Board where applicable in accordance with the provisions of this article.

G. The Board shall approve a VSMP when it deems a program consistent with this article and associated regulations, including the Virginia Stormwater Management Program (VSMP) General Permit for Discharges of Stormwater from Construction Activities.

H. A VSMP authority may enter into agreements or contracts with soil and water conservation districts, adjacent localities, or other public or private entities to carry out or assist with the responsibilities of this article.

I. Localities shall issue a consolidated stormwater management and erosion and sediment control permit that is consistent with the provisions of the Erosion and Sediment Control Law (§ 62.1-44.15:51 et seq.). When available in accordance with subsection J, such permit, where applicable, shall also include a copy of or reference to state VSMP permit coverage authorization to discharge.

J. Upon the development of an online reporting system by the Department, but no later than July 1, 2014, a VSMP authority shall then be required to obtain evidence of state VSMP permit coverage where it is required prior to providing approval to begin land disturbance.

K. Any VSMP adopted pursuant to and consistent with this article shall be considered to meet the stormwater management requirements under the Chesapeake Bay Preservation Act (§ 62.1-44.15:67 et seq.) and attendant regulations, and effective July 1, 2014, shall not be subject to local program review under the stormwater management provisions the Chesapeake Bay Preservation Act.

L. All VSMP authorities shall comply with the provisions of this article and the stormwater management provisions of Article 2.4 (§ 62.1-44.15:51 et seq.) and related regulations. The VSMP authority responsible for regulating the land-disturbing activity shall require compliance with the issued permit, permit conditions, and plan specifications.

M. VSMPs adopted in accordance with this section shall become effective July 1, 2014, unless otherwise specified by the Board.

§ 62.1-44.15:28. Development of regulations.

A. The Board is authorized to adopt regulations that specify minimum technical criteria and administrative procedures for Virginia Stormwater Management Programs. The regulations shall:

1. Establish standards and procedures for administering a VSMP;
2. Establish minimum design criteria for measures to control nonpoint source pollution and localized flooding, and incorporate the stormwater management regulations adopted pursuant to the Erosion and Sediment Control Law (§ 62.1-44.15:51 et seq.), as they relate to the prevention of stream channel erosion. These criteria shall be periodically modified as required in order to reflect current engineering methods;
3. Require the provision of long-term responsibility for and maintenance of stormwater management control devices and other techniques specified to manage the quality and quantity of runoff;
4. Require as a minimum the inclusion in VSMPs of certain administrative procedures that include, but are not limited to, specifying the time period within which a VSMP authority shall grant land-disturbing activity approval, the conditions and processes under which approval shall be granted, the procedures for communicating disapproval, the conditions under which an approval may be changed, and requirements for inspection of approved projects;
5. Establish by regulations a statewide permit fee schedule to cover all costs associated with the implementation of a VSMP related to land-disturbing activities of one acre or greater. Such fee

attributes include the costs associated with plan review, VSMP registration statement review, permit issuance, state-coverage verification, inspections, reporting, and compliance activities associated with the land-disturbing activities as well as program oversight costs. The fee schedule shall also include a provision for a reduced fee for land-disturbing activities between 2,500 square feet and up to one acre in Chesapeake Bay Preservation Act (§ 62.1-44.15:67 et seq.) localities. The fee schedule shall be governed by the following:

a. The revenue generated from the statewide stormwater permit fee shall be collected utilizing, where practicable, an online payment system, and the Department's portion shall be remitted to the State Treasurer for deposit in the Virginia Stormwater Management Fund established pursuant to § 62.1-44.15:29. However, whenever the Board has approved a VSMP, no more than 30 percent of the total revenue generated by the statewide stormwater permit fees collected shall be remitted to the State Treasurer for deposit in the Virginia Stormwater Management Fund, with the balance going to the VSMP authority.

b. Fees collected pursuant to this section shall be in addition to any general fund appropriation made to the Department or other supporting revenue from a VSMP; however, the fees shall be set at a level sufficient for the Department and the VSMP to fully carry out their responsibilities under this article and its attendant regulations and local ordinances or standards and specifications where applicable. When establishing a VSMP, the VSMP authority shall assess the statewide fee schedule and shall have the authority to reduce or increase such fees, and to consolidate such fees with other program-related charges, but in no case shall such fee changes affect the amount established in the regulations as available to the Department for program oversight responsibilities pursuant to subdivision 5 a. A VSMP's portion of the fees shall be used solely to carry out the VSMP's responsibilities under this article and its attendant regulations, ordinances, or annual standards and specifications.

c. Until July 1, 2014, the fee for coverage under the General Permit for Discharges of Stormwater from Construction Activities issued by the Board, or where the Board has issued an individual permit or coverage under the General Permit for Discharges of Stormwater from Construction Activities for an entity for which it has approved annual standards and specifications, shall be \$750 for each large construction activity with sites or common plans of development equal to or greater than five acres and \$450 for each small construction activity with sites or common plans of development equal to or greater than one acre and less than five acres. On and after July 1, 2014, such fees shall only apply where coverage has been issued under the Board's General Permit for Discharges of Stormwater from Construction Activities to a state agency or federal entity for which it has approved annual standards and specifications. After establishment, such fees may be modified in the future through regulatory actions.

d. Until July 1, 2014, the Department is authorized to assess a \$125 reinspection fee for each visit to a project site that was necessary to check on the status of project site items noted to be in noncompliance and documented as such on a prior project inspection.

e. When any fees are collected pursuant to this section by credit cards, business transaction costs associated with processing such payments may be additionally assessed;

6. Establish statewide standards for stormwater management from land-disturbing activities of one acre or greater, except as specified otherwise within this article, and allow for the consolidation in the permit of a comprehensive approach to addressing stormwater management and erosion and sediment control, consistent with the provisions of the Erosion and Sediment Control Law (§ 62.1-44.15:51 et seq.) and this article. However, such standards shall also apply to land-disturbing activity exceeding an area of 2,500 square feet in all areas of the jurisdictions designated as subject to the Chesapeake Bay Preservation Area Designation and Management Regulations;

7. Require that VSMPs maintain after-development runoff rate of flow and characteristics that replicate, as nearly as practicable, the existing predevelopment runoff characteristics and site hydrology, or improve upon the contributing share of the existing predevelopment runoff characteristics and site hydrology if stream channel erosion or localized flooding is an existing predevelopment condition. Except where more stringent requirements are necessary to address total maximum daily load requirements or to protect exceptional state waters, any land-disturbing activity that provides for stormwater management shall satisfy the conditions of this subsection if the practices are designed to (i) detain the water quality volume and to release it over 48 hours; (ii) detain and release over a 24-hour period the expected rainfall resulting from the one year, 24-hour storm; and (iii) reduce the allowable peak flow rate resulting from the 1.5-year, two-year, and 10-year, 24-hour storms to a level that is less than or equal to the peak flow rate from the site assuming it was in a good forested condition, achieved through multiplication of the forested peak flow rate by a reduction factor that is equal to the runoff volume from the site when it was in a good forested condition divided by the runoff volume from the site in its proposed condition, and shall be exempt from any flow rate capacity and velocity requirements for natural or man-made channels as defined in any regulations promulgated pursuant to this section or

any ordinances adopted pursuant to § 62.1-44.15:27 or 62.1-44.15:33;

8. Encourage low-impact development designs, regional and watershed approaches, and nonstructural means for controlling stormwater;

9. Promote the reclamation and reuse of stormwater for uses other than potable water in order to protect state waters and the public health and to minimize the direct discharge of pollutants into state waters;

10. Establish a statewide permit fee schedule for stormwater management related to municipal separate storm sewer system permits; and

11. Provide for the evaluation and potential inclusion of emerging or innovative stormwater control technologies that may prove effective in reducing nonpoint source pollution.

B. The Board may integrate and consolidate components of the regulations implementing the Erosion and Sediment Control program and the Chesapeake Bay Preservation Area Designation and Management program with the regulations governing the Virginia Stormwater Management Program (VSMP) Permit program or repeal components so that these programs may be implemented in a consolidated manner that provides greater consistency, understanding, and efficiency for those regulated by and administering a VSMP.

§ 62.1-44.15:29. Virginia Stormwater Management Fund established.

There is hereby created in the state treasury a special nonreverting fund to be known as the Virginia Stormwater Management Fund, hereafter referred to as "the Fund." The Fund shall be established on the books of the Comptroller. All moneys collected by the Department pursuant to §§ 62.1-44.15:28, 62.1-44.15:38, and 62.1-44.15:71 and all civil penalties collected pursuant to § 62.1-44.19:22 shall be paid into the state treasury and credited to the Fund. Interest earned on moneys in the Fund shall remain in the Fund and be credited to it. Any moneys remaining in the Fund, including interest thereon, at the end of each fiscal year shall not revert to the general fund but shall remain in the Fund. Moneys in the Fund shall be used solely for the purposes of carrying out the Department's responsibilities under this article. Expenditures and disbursements from the Fund shall be made by the State Treasurer on warrants issued by the Comptroller upon written request signed by the Director.

An accounting of moneys received by and distributed from the Fund shall be kept by the State Comptroller.

§ 62.1-44.15:30. Education and training programs.

A. The Board shall issue certificates of competence concerning the content and application of specified subject areas of this article and accompanying regulations, including program administration, plan review, and project inspection, to personnel of VSMP authorities and to any other persons who have completed training programs or in other ways demonstrated adequate knowledge to the satisfaction of the Board. As part of education and training programs authorized pursuant to subsection E of § 62.1-44.15:52, the Department shall develop or certify expanded components to address program administration, plan review, and project inspection elements of this article and attendant regulations. Reasonable fees to cover the costs of these additional components may be charged.

B. Effective July 1, 2014, personnel of VSMP authorities reviewing plans or conducting inspections pursuant to this chapter shall hold a certificate of competence as provided in subsection A. Professionals registered in the Commonwealth pursuant to Article 1 (§ 54.1-400 et seq.) of Chapter 4 of Title 54.1 shall be deemed to have met the provisions of this section for the purposes of renewals.

§ 62.1-44.15:31. Annual standards and specifications for state agencies, federal entities, and other specified entities.

A. State entities, including the Department of Transportation, and for linear projects set out in subsection B, electric, natural gas, and telephone utility companies, interstate and intrastate natural gas pipeline companies, and railroad companies shall, and federal entities and authorities created pursuant to § 15.2-5102 may, annually submit a single set of standards and specifications for Department approval that describes how land-disturbing activities shall be conducted. Such standards and specifications shall be consistent with the requirements of this article and associated regulations, including the regulations governing the General Virginia Stormwater Management Program (VSMP) Permit for Discharges of Stormwater from Construction Activities and the Erosion and Sediment Control Law (§ 62.1-44.15:51 et seq.) and associated regulations. Each project constructed in accordance with the requirements of this article, its attendant regulations, and where required standards and specifications shall obtain coverage issued under the state general permit prior to land disturbance. The standards and specifications shall include:

1. Technical criteria to meet the requirements of this article and regulations developed under this article;

2. Provisions for the long-term responsibility and maintenance of stormwater management control devices and other techniques specified to manage the quantity and quality of runoff;

3. Provisions for erosion and sediment control and stormwater management program administration,

plan design, review and approval, and construction inspection and enforcement;

4. Provisions for ensuring that responsible personnel and contractors obtain certifications or qualifications for erosion and sediment control and stormwater management comparable to those required for local government;

5. Implementation of a project tracking and notification system to the Department of all land-disturbing activities covered under this article; and

6. Requirements for documenting onsite changes as they occur to ensure compliance with the requirements of the article.

B. Linear projects subject to annual standards and specifications include:

1. Construction, installation, or maintenance of electric transmission, natural gas, and telephone utility lines and pipelines, and water and sewer lines; and

2. Construction of the tracks, rights-of-way, bridges, communication facilities, and other related structures and facilities of a railroad company.

Linear projects not included in subdivisions 1 and 2 shall comply with the requirements of the local or state VSMP in the locality within which the project is located.

C. The Department shall perform random site inspections or inspections in response to a complaint to assure compliance with this article, the Erosion and Sediment Control Law (§ 62.1-44.15:51 et seq.), and regulations adopted thereunder. The Department may take enforcement actions in accordance with this article and related regulations.

D. The Department shall assess an administrative charge to cover the costs of services rendered associated with its responsibilities pursuant to this section.

§ 62.1-44.15:32. Duties of the Department.

A. The Department shall provide technical assistance, training, research, and coordination in stormwater management technology to VSMP authorities consistent with the purposes of this article.

B. The Department is authorized to review the stormwater management plan for any project with real or potential interjurisdictional impacts upon the request of one or all of the involved localities to determine that the plan is consistent with the provisions of this article. Any such review shall be completed and a report submitted to each locality involved within 90 days of such request being accepted. The Department may charge a fee of the requesting locality to cover its costs for providing such services.

C. The Department shall be responsible for the implementation of this article.

§ 62.1-44.15:33. Authorization for more stringent ordinances.

A. Localities are authorized to adopt more stringent stormwater management ordinances than those necessary to ensure compliance with the Board's minimum regulations, provided that the more stringent ordinances are based upon factual findings of local or regional comprehensive watershed management studies or findings developed through the implementation of a MS4 permit or a locally adopted watershed management study and are determined by the locality to be necessary to prevent any further degradation to water resources, to address TMDL requirements, to protect exceptional state waters, or to address specific existing water pollution including nutrient and sediment loadings, stream channel erosion, depleted groundwater resources, or excessive localized flooding within the watershed and that prior to adopting more stringent ordinances a public hearing is held after giving due notice. Localities shall report to the Board when more stringent stormwater management ordinances are determined to be necessary pursuant to this section.

B. Any provisions of a local stormwater management program in existence before January 1, 2005, that contains more stringent provisions than this article shall be exempt from the analysis requirements of subsection A. However, such provisions shall be reported to the Board as part of the locality's VSMP approval package.

§ 62.1-44.15:34. Regulated activities; submission and approval of a permit application; security for performance; exemptions.

A. A person shall not conduct any land-disturbing activity until he has submitted a permit application to the VSMP authority that includes a state VSMP permit registration statement and, after July 1, 2014, a stormwater management plan, and has obtained VSMP authority approval to begin land disturbance. Upon the development of an online reporting system by the Department, but no later than July 1, 2014, a VSMP authority shall be required to obtain evidence of VSMP permit coverage where it is required prior to providing approval to begin land disturbance. The VSMP authority shall act on any permit application within 60 days after it has been determined by the VSMP authority to be a complete application. The VSMP authority may either issue project approval or denial and shall provide written rationale for the denial. The VSMP authority shall act on any permit application that has been previously disapproved within 45 days after the application has been revised, resubmitted for approval, and deemed complete. Prior to issuance of any approval, the VSMP authority may also require an applicant, excluding state and federal entities, to submit a reasonable performance bond with surety,

cash escrow, letter of credit, any combination thereof, or such other legal arrangement acceptable to the VSMP authority, to ensure that measures could be taken by the VSMP authority at the applicant's expense should he fail, after proper notice, within the time specified to initiate or maintain appropriate actions that may be required of him by the permit conditions as a result of his land-disturbing activity. If the VSMP authority takes such action upon such failure by the applicant, the VSMP authority may collect from the applicant the difference should the amount of the reasonable cost of such action exceed the amount of the security held. Within 60 days of the completion of the requirements of the permit conditions, such bond, cash escrow, letter of credit, or other legal arrangement, or the unexpended or unobligated portion thereof, shall be refunded to the applicant or terminated. These requirements are in addition to all other provisions of law relating to the issuance of permits and are not intended to otherwise affect the requirements for such permits.

B. A Chesapeake Bay Preservation Act Land-Disturbing Activity shall be subject to coverage under the Virginia Stormwater Management Program (VSMP) General Permit for Discharges of Stormwater from Construction Activities until July 1, 2014, at which time it shall no longer be considered a small construction activity but shall be then regulated under the requirements of this article by a VSMP authority.

C. Notwithstanding any other provisions of this article, the following activities are exempt, unless otherwise required by federal law:

1. Permitted surface or deep mining operations and projects, or oil and gas operations and projects conducted under the provisions of Title 45.1;

2. Clearing of lands specifically for agricultural purposes and the management, tilling, planting, or harvesting of agricultural, horticultural, or forest crops, livestock feedlot operations, or as additionally set forth by the Board in regulations, including engineering operations as follows: construction of terraces, terrace outlets, check dams, desilting basins, dikes, ponds, ditches, strip cropping, lister furrowing, contour cultivating, contour furrowing, land drainage, and land irrigation; however, this exception shall not apply to harvesting of forest crops unless the area on which harvesting occurs is reforested artificially or naturally in accordance with the provisions of Chapter 11 (§ 10.1-1100 et seq.) or is converted to bona fide agricultural or improved pasture use as described in subsection B of § 10.1-1163;

3. Single-family residences separately built and disturbing less than one acre and not part of a larger common plan of development or sale, including additions or modifications to existing single-family detached residential structures. However, localities subject to the provisions of the Chesapeake Bay Preservation Act (§ 62.1-44.15:67 et seq.) may regulate these single-family residences where land disturbance exceeds 2,500 square feet;

4. Land-disturbing activities that disturb less than one acre of land area except for land-disturbing activity exceeding an area of 2,500 square feet in all areas of the jurisdictions designated as subject to the Chesapeake Bay Preservation Area Designation and Management Regulations adopted pursuant to the provisions of the Chesapeake Bay Preservation Act (§ 62.1-44.15:67 et seq.) or activities that are part of a larger common plan of development or sale that is one acre or greater of disturbance; however, the governing body of any locality that administers a VSMP may reduce this exception to a smaller area of disturbed land or qualify the conditions under which this exception shall apply;

5. Discharges to a sanitary sewer or a combined sewer system;

6. Activities under a state or federal reclamation program to return an abandoned property to an agricultural or open land use;

7. Routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, or original construction of the project. The paving of an existing road with a compacted or impervious surface and reestablishment of existing associated ditches and shoulders shall be deemed routine maintenance if performed in accordance with this subsection; and

8. Conducting land-disturbing activities in response to a public emergency where the related work requires immediate authorization to avoid imminent endangerment to human health or the environment. In such situations, the VSMP authority shall be advised of the disturbance within seven days of commencing the land-disturbing activity, and compliance with the administrative requirements of subsection A is required within 30 days of commencing the land-disturbing activity.

§ 62.1-44.15:35. Nutrient credit use and additional offsite options for construction activities.

A. As used in this section:

"Nutrient credit" or "credit" means a nutrient credit certified pursuant to Article 4.02 (§ 62.1-44.19:12 et seq.).

"Tributary" has the same meaning as in § 62.1-44.19:13. For areas outside of the Chesapeake Bay Watershed, "tributary" includes the following watersheds: Albemarle Sound, Coastal; Atlantic Ocean, Coastal; Big Sandy; Chowan; Clinch-Powell; New Holston (Upper Tennessee); New River; Roanoke; and Yadkin.

"Virginia Stormwater Management Program Authority" or "VSMP authority" has the same meaning as in § 62.1-44.15:24 and includes, until July 1, 2014, any locality that has adopted a local stormwater management program.

B. A VSMP authority is authorized to allow compliance with stormwater nonpoint nutrient runoff water quality criteria established pursuant to § 62.1-44.15:28, in whole or in part, through the use of the applicant's acquisition of nutrient credits in the same tributary.

C. No applicant shall use nutrient credits to address water quantity control requirements. No applicant shall use nutrient credits or other offsite options in contravention of local water quality-based limitations (i) determined pursuant to subsection B of § 62.1-44.19:14, (ii) adopted pursuant to § 62.1-44.15:33 or other applicable authority, (iii) deemed necessary to protect public water supplies from demonstrated adverse nutrient impacts, or (iv) as otherwise may be established or approved by the Board. Where such a limitation exists, offsite options may be used provided that such options do not preclude or impair compliance with the local limitation.

D. A VSMP authority shall allow offsite options in accordance with subsection I when:

1. Less than five acres of land will be disturbed;

2. The postconstruction phosphorous control requirement is less than 10 pounds per year; or

3. The state permit applicant demonstrates to the satisfaction of the VSMP authority that (i) alternative site designs have been considered that may accommodate onsite best management practices, (ii) onsite best management practices have been considered in alternative site designs to the maximum extent practicable, (iii) appropriate onsite best management practices will be implemented, and (iv) full compliance with postdevelopment nonpoint nutrient runoff compliance requirements cannot practicably be met onsite. For purposes of this subdivision, if an applicant demonstrates onsite control of at least 75 percent of the required phosphorous nutrient reductions, the applicant shall be deemed to have met the requirements of clauses (i) through (iv).

E. Documentation of the applicant's acquisition of nutrient credits shall be provided to the VSMP authority and the Department in a certification from the credit provider documenting the number of phosphorus nutrient credits acquired and the associated ratio of nitrogen nutrient credits at the credit-generating entity. Until the effective date of regulations establishing application fees in accordance with § 62.1-44.19:20, the credit provider shall pay the Department a water quality enhancement fee equal to six percent of the amount paid by the applicant for the credits. Such fee shall be deposited into the Virginia Stormwater Management Fund established by § 62.1-44.15:29.

F. Nutrient credits used pursuant to subsection B shall be generated in the same or adjacent eight-digit hydrologic unit code as defined by the United States Geological Survey as the permitted site except as otherwise limited in subsection C. Nutrient credits outside the same or adjacent eight-digit hydrologic unit code may only be used if it is determined by the VSMP authority that no credits are available within the same or adjacent eight-digit hydrologic unit code when the VSMP authority accepts the final site design. In such cases, and subject to other limitations imposed in this section, credits available within the same tributary may be used. In no case shall credits from another tributary be used.

G. For that portion of a site's compliance with stormwater nonpoint nutrient runoff water quality criteria being obtained through nutrient credits, the applicant shall (i) comply with a 1:1 ratio of the nutrient credits to the site's remaining postdevelopment nonpoint nutrient runoff compliance requirement being met by credit use and (ii) use credits certified as perpetual credits pursuant to Article 4.02 (§ 62.1-44.19:12 et seq.).

H. No VSMP authority may grant an exception to, or waiver of, postdevelopment nonpoint nutrient runoff compliance requirements unless offsite options have been considered and found not available.

I. The VSMP authority shall require that nutrient credits and other offsite options approved by the Department or applicable state board, including locality pollutant loading pro rata share programs established pursuant to § 15.2-2243, achieve the necessary nutrient reductions prior to the commencement of the applicant's land-disturbing activity. A pollutant loading pro rata share program established by a locality pursuant to § 15.2-2243 and approved by the Department or applicable state board prior to January 1, 2011, including those that may achieve nutrient reductions after the commencement of the land-disturbing activity, may continue to operate in the approved manner for a transition period ending July 1, 2014. The applicant shall have the right to select between the use of nutrient credits or other offsite options, except during the transition period in those localities to which the transition period applies. The locality may use funds collected for nutrient reductions pursuant to a locality pollutant loading pro rata share program under § 15.2-2243 for nutrient reductions in the same tributary within the same locality as the land-disturbing activity or for the acquisition of nutrient credits. In the case of a phased project, the applicant may acquire or achieve the offsite nutrient reductions prior to the commencement of each phase of the land-disturbing activity in an amount sufficient for each such phase.

J. Nutrient reductions obtained through nutrient credits shall be credited toward compliance with any nutrient allocation assigned to a municipal separate storm sewer system in a Virginia Stormwater Management Program Permit or Total Maximum Daily Load applicable to the location where the activity for which the nutrient credits are used takes place. If the activity for which the nutrient credits are used does not discharge to a municipal separate storm sewer system, the nutrient reductions shall be credited toward compliance with the applicable nutrient allocation.

K. A VSMP authority shall allow the full or partial substitution of perpetual nutrient credits for existing onsite nutrient controls when (i) the nutrient credits will compensate for 10 or fewer pounds of the annual phosphorous requirement associated with the original land-disturbing activity or (ii) existing onsite controls are not functioning as anticipated after reasonable attempts to comply with applicable maintenance agreements or requirements and the use of nutrient credits will account for the deficiency. Upon determination by the VSMP authority that the conditions established by clause (i) or (ii) have been met, the party responsible for maintenance shall be released from maintenance obligations related to the onsite phosphorous controls for which the nutrient credits are substituted.

L. To the extent available, with the consent of the applicant, the VSMP authority, the Board or the Department may include the use of nutrient credits or other offsite measures in resolving enforcement actions to compensate for (i) nutrient control deficiencies occurring during the period of noncompliance and (ii) permanent nutrient control deficiencies.

M. This section shall not be construed as limiting the authority established under § 15.2-2243; however, under any pollutant loading pro rata share program established thereunder, the subdivider or developer shall be given appropriate credit for nutrient reductions achieved through nutrient credits or other offsite options.

N. In order to properly account for allowed nonpoint nutrient offsite reductions, an applicant shall report to the Department, in accordance with Department procedures, information regarding all offsite reductions that have been authorized to meet stormwater postdevelopment nonpoint nutrient runoff compliance requirements.

O. An applicant or a permittee found to be in noncompliance with the requirements of this section shall be subject to the enforcement and penalty provisions of this article.

§ 62.1-44.15:36. (For contingent repeal, see Editor's note) Recovery of administrative costs.

Any locality that administers a stormwater management program may charge applicants a reasonable fee to defray the cost of program administration, including costs associated with plan review, issuance of permits, periodic inspection for compliance with approved plans, and necessary enforcement, provided that charges for such costs are not made under any other law, ordinance, or program. The fee shall not exceed an amount commensurate with the services rendered and expenses incurred or \$1,000, whichever is less.

§ 62.1-44.15:37. Monitoring, reports, investigations, inspections, and stop work orders.

A. The VSMP authority (i) shall provide for periodic inspections of the installation of stormwater management measures, (ii) may require monitoring and reports from the person responsible for meeting the permit conditions to ensure compliance with the permit and to determine whether the measures required in the permit provide effective stormwater management, and (iii) shall conduct such investigations and perform such other actions as are necessary to carry out the provisions of this article. If the VSMP authority, where authorized to enforce this article, or the Department determines that there is a failure to comply with the permit conditions, notice shall be served upon the permittee or person responsible for carrying out the permit conditions by mailing with confirmation of delivery to the address specified in the permit application, or by delivery at the site of the development activities to the agent or employee supervising such activities. The notice shall specify the measures needed to comply with the permit conditions and shall specify the time within which such measures shall be completed. Upon failure to comply within the time specified, a stop work order may be issued in accordance with subsection B by the VSMP authority, where authorized to enforce this article, or by the Board, or the permit may be revoked by the VSMP authority, or the state permit may be revoked by the Board. The Board or the VSMP authority, where authorized to enforce this article, may pursue enforcement in accordance with § 62.1-44.15:48.

B. If a permittee fails to comply with a notice issued in accordance with subsection A within the time specified, the VSMP authority, where authorized to enforce this article, or the Department may issue an order requiring the owner, permittee, person responsible for carrying out an approved plan, or person conducting the land-disturbing activities without an approved plan or required permit to cease all land-disturbing activities until the violation of the permit has ceased, or an approved plan and required permits are obtained, and specified corrective measures have been completed.

Such orders shall be issued (i) in accordance with local procedures if issued by a locality serving as a VSMP authority or (ii) after a hearing held in accordance with the requirements of the Administrative Process Act (§ 2.2-4000 et seq.) if issued by the Department. Such orders shall become effective upon

service on the person by mailing, with confirmation of delivery, sent to his address specified in the land records of the locality, or by personal delivery by an agent of the VSMP authority or Department. However, if the VSMP authority or the Department finds that any such violation is grossly affecting or presents an imminent and substantial danger of causing harmful erosion of lands or sediment deposition in waters within the watersheds of the Commonwealth or otherwise substantially impacting water quality, it may issue, without advance notice or hearing, an emergency order directing such person to cease immediately all land-disturbing activities on the site and shall provide an opportunity for a hearing, after reasonable notice as to the time and place thereof, to such person, to affirm, modify, amend, or cancel such emergency order.

If a person who has been issued an order is not complying with the terms thereof, the VSMP authority or the Department may institute a proceeding in accordance with § 62.1-44.15:42.

§ 62.1-44.15:38. Department to review VSMPs.

A. The Department shall develop and implement a review and evaluation schedule so that the effectiveness of each VSMP authority, Municipal Separate Storm Sewer System Management Program, and other MS4 permit requirements is evaluated no less than every five years. The review shall include an assessment of the extent to which the program has reduced nonpoint source pollution and mitigated the detrimental effects of localized flooding. Such reviews shall be coordinated with those being implemented in accordance with the Erosion and Sediment Control Law (§ 62.1-44.15:51 et seq.) and associated regulations and, where applicable, the Chesapeake Bay Preservation Act (§ 62.1-44.15:67 et seq.) and associated regulations.

B. Following completion of a compliance review of a VSMP, the Department shall provide results and compliance recommendations to the Board in the form of a corrective action agreement if deficiencies are found; otherwise, the Board may find the program compliant. If, after such a review and evaluation, a VSMP is found to have a program that does not comply with the provisions of this article or regulations adopted thereunder, the Board shall establish a schedule for the VSMP authority to come into compliance. The Board shall provide a copy of its decision to the VSMP authority that specifies the deficiencies, actions needed to be taken, and the approved compliance schedule. If the VSMP has not implemented the necessary compliance actions identified by the Board within 30 days following receipt of the corrective action agreement, or such additional period as is granted to complete the implementation of the corrective action, then the Board shall have the authority to (i) issue a special order to any VSMP imposing a civil penalty not to exceed \$5,000 per day with the maximum amount not to exceed \$20,000 per violation for noncompliance with the requirements of this article and its regulations, to be paid into the state treasury and deposited in the Virginia Stormwater Management Fund established by § 62.1-44.15:29 or (ii) revoke its approval of the VSMP. The Administrative Process Act (§ 2.2-4000 et seq.) shall govern the activities and proceedings of the Board under this article and the judicial review thereof.

If the Board revokes its approval of a VSMP, the Board shall find the VSMP authority provisional and shall have the Department assist with the administration of the program until the VSMP authority is deemed compliant with the requirements of this article and associated regulations. Assisting with administration includes the ability to review and comment on plans to the VSMP authority, to conduct inspections with the VSMP authority, and to conduct enforcement in accordance with this article and associated regulations.

In lieu of issuing a special order or revoking the program, the Board may take legal action against a VSMP pursuant to § 62.1-44.15:48 to ensure compliance.

§ 62.1-44.15:39. Right of entry.

The Department, the VSMP authority, where authorized to enforce this article, any duly authorized agent of the Department or VSMP authority, or any locality that is the operator of a regulated municipal separate storm sewer system may, at reasonable times and under reasonable circumstances, enter any establishment or upon any property, public or private, for the purpose of obtaining information or conducting surveys or investigations necessary in the enforcement of the provisions of this article. For operators of municipal separate storm sewer systems, this authority shall apply only to those properties from which a discharge enters their municipal separate storm sewer systems.

In accordance with a performance bond with surety, cash escrow, letter of credit, any combination thereof, or such other legal arrangement, a VSMP authority may also enter any establishment or upon any property, public or private, for the purpose of initiating or maintaining appropriate actions that are required by the permit conditions associated with a land-disturbing activity when a permittee, after proper notice, has failed to take acceptable action within the time specified.

§ 62.1-44.15:40. Information to be furnished.

The Board, the Department, or the VSMP authority, where authorized to enforce this article, may require every permit applicant, every permittee, or any person subject to state permit requirements under this article to furnish when requested such application materials, plans, specifications, and other

pertinent information as may be necessary to determine the effect of his discharge on the quality of state waters, or such other information as may be necessary to accomplish the purposes of this article. Any personal information shall not be disclosed except to an appropriate official of the Board, Department, U.S. Environmental Protection Agency, or VSMP authority or as may be authorized pursuant to the Virginia Freedom of Information Act (§ 2.2-3700 et seq.). However, disclosure of records of the Department, the Board, or the VSMP authority relating to (i) active federal environmental enforcement actions that are considered confidential under federal law, (ii) enforcement strategies, including proposed sanctions for enforcement actions, and (iii) any secret formulae, secret processes, or secret methods other than effluent data used by any permittee or under that permittee's direction is prohibited. Upon request, such enforcement records shall be disclosed after a proposed sanction resulting from the investigation has been determined by the Department, the Board, or the VSMP authority. This section shall not be construed to prohibit the disclosure of records related to inspection reports, notices of violation, and documents detailing the nature of any land-disturbing activity that may have occurred, or similar documents.

§ 62.1-44.15:41. Private rights; liability.

A. Whenever a common interest community cedes responsibility for the maintenance, repair, and replacement of a stormwater management facility on its real property to the Commonwealth or political subdivision thereof, such common interest community shall be immune from civil liability in relation to such stormwater management facility. In order for the immunity established by this subsection to apply, (i) the common interest community must cede such responsibility by contract or other instrument executed by both parties and (ii) the Commonwealth or the governing body of the political subdivision shall have accepted the responsibility ceded by the common interest community in writing or by resolution. As used in this section, maintenance, repair, and replacement shall include, without limitation, cleaning of the facility, maintenance of adjacent grounds that are part of the facility, maintenance and replacement of fencing where the facility is fenced, and posting of signage indicating the identity of the governmental entity that maintains the facility. Acceptance or approval of an easement, subdivision plat, site plan, or other plan of development shall not constitute the acceptance by the Commonwealth or the governing body of the political subdivision required to satisfy clause (ii). The immunity granted by this section shall not apply to actions or omissions by the common interest community constituting intentional or willful misconduct or gross negligence. For the purposes of this section, "common interest community" means the same as that term is defined in § 55-528.

B. Except as provided in subsection A, the fact that any permittee holds or has held a permit or state permit issued under this article shall not constitute a defense in any civil action involving private rights.

§ 62.1-44.15:42. Enforcement by injunction, etc.

A. It is unlawful for any person to fail to comply with any stop work order, emergency order issued in accordance with § 62.1-44.15:37, or a special order or emergency special order issued in accordance with § 62.1-44.15:25 that has become final under the provisions of this article. Any person violating or failing, neglecting, or refusing to obey any rule, regulation, ordinance, approved standard and specification, order, or permit condition issued by the Board, Department, or VSMP authority as authorized to do such, or any provisions of this article, may be compelled in a proceeding instituted in any appropriate court by the Board, Department, or VSMP authority where authorized to enforce this article to obey same and to comply therewith by injunction, mandamus, or other appropriate remedy.

B. Any person violating or failing, neglecting, or refusing to obey any injunction, mandamus, or other remedy obtained pursuant to this section shall be subject, in the discretion of the court, to a civil penalty in accordance with the provisions of § 62.1-44.15:48.

§ 62.1-44.15:43. Testing validity of regulations; judicial review.

A. The validity of any regulation adopted by the Board pursuant to this article may be determined through judicial review in accordance with the provisions of the Administrative Process Act (§ 2.2-4000 et seq.).

B. An appeal may be taken from the decision of the court to the Court of Appeals as provided by law.

§ 62.1-44.15:44. Right to hearing.

Any permit applicant, permittee, or person subject to state permit requirements under this article aggrieved by any action of the VSMP authority, Department, or Board taken without a formal hearing, or by inaction of the VSMP authority, Department, or Board, may demand in writing a formal hearing by the Board or VSMP authority causing such grievance, provided a petition requesting such hearing is filed with the Board or the VSMP authority within 30 days after notice of such action.

§ 62.1-44.15:45. Hearings.

VSMP authorities holding hearings under this article shall do so in a manner consistent with § 62.1-44.26.

§ 62.1-44.15:46. Appeals.

Any permittee or party aggrieved by a state permit or enforcement decision of the Department or Board under this article, or any person who has participated, in person or by submittal of written comments, in the public comment process related to a final decision of the Department or Board under this article, whether such decision is affirmative or negative, is entitled to judicial review thereof in accordance with the provisions of the Administrative Process Act (§ 2.2-4000 et seq.) if such person meets the standard for obtaining judicial review of a case or controversy pursuant to Article III of the Constitution of the United States. A person shall be deemed to meet such standard if (i) such person has suffered an actual or imminent injury that is an invasion of a legally protected interest and that is concrete and particularized; (ii) such injury is fairly traceable to the decision of the Department or the Board and not the result of the independent action of some third party not before the court; and (iii) such injury will likely be redressed by a favorable decision by the court.

The provisions of the Administrative Process Act (§ 2.2-4000 et seq.) shall not apply to decisions rendered by localities but appeals shall be conducted in accordance with local appeal procedures.

§ 62.1-44.15:47. Appeal to Court of Appeals.

From the final decision of the circuit court an appeal may be taken to the Court of Appeals as provided in § 17.1-405.

§ 62.1-44.15:48. Penalties, injunctions, and other legal actions.

A. Any person who violates any provision of this article or of any regulation, ordinance, or standard and specification adopted or approved hereunder, including those adopted pursuant to the conditions of an MS4 permit, or who fails, neglects, or refuses to comply with any order of a VSMP authority authorized to enforce this article, the Department, the Board, or a court, issued as herein provided, shall be subject to a civil penalty not to exceed \$32,500 for each violation within the discretion of the court. Each day of violation of each requirement shall constitute a separate offense. The Board shall adopt a regulation establishing a schedule of civil penalties to be utilized by the VSMP authority in enforcing the provisions of this article. The Board, Department, or VSMP authority may issue a summons for collection of the civil penalty and the action may be prosecuted in the appropriate court. Any civil penalties assessed by a court as a result of a summons issued by a locality as an approved VSMP authority shall be paid into the treasury of the locality wherein the land lies, except where the violator is the locality itself, or its agent. When the penalties are assessed by the court as a result of a summons issued by the Board or Department, or where the violator is the locality itself, or its agent, the court shall direct the penalty to be paid into the state treasury and deposited by the State Treasurer into the Virginia Stormwater Management Fund established pursuant to § 62.1-44.15:29. Such civil penalties paid into the treasury of the locality in which the violation occurred are to be used for the purpose of minimizing, preventing, managing, or mitigating pollution of the waters of the locality and abating environmental pollution therein in such manner as the court may, by order, direct.

B. Any person who willfully or negligently violates any provision of this article, any regulation or order of the Board, any order of a VSMP authority authorized to enforce this article or the Department, any ordinance of any locality approved as a VSMP authority, any condition of a permit or state permit, or any order of a court shall be guilty of a misdemeanor punishable by confinement in jail for not more than 12 months and a fine of not less than \$2,500 nor more than \$32,500, either or both. Any person who knowingly violates any provision of this article, any regulation or order of the Board, any order of the VSMP authority or the Department, any ordinance of any locality approved as a VSMP authority, any condition of a permit or state permit, or any order of a court issued as herein provided, or who knowingly makes any false statement in any form required to be submitted under this article or knowingly renders inaccurate any monitoring device or method required to be maintained under this article, shall be guilty of a felony punishable by a term of imprisonment of not less than one year nor more than three years, or in the discretion of the jury or the court trying the case without a jury, confinement in jail for not more than 12 months and a fine of not less than \$5,000 nor more than \$50,000 for each violation. Any defendant that is not an individual shall, upon conviction of a violation under this subsection, be sentenced to pay a fine of not less than \$10,000. Each day of violation of each requirement shall constitute a separate offense.

C. Any person who knowingly violates any provision of this article, and who knows at that time that he thereby places another person in imminent danger of death or serious bodily harm, shall, upon conviction, be guilty of a felony punishable by a term of imprisonment of not less than two years nor more than 15 years and a fine of not more than \$250,000, either or both. A defendant that is not an individual shall, upon conviction of a violation under this subsection, be sentenced to pay a fine not exceeding the greater of \$1 million or an amount that is three times the economic benefit realized by the defendant as a result of the offense. The maximum penalty shall be doubled with respect to both fine and imprisonment for any subsequent conviction of the same person under this subsection.

D. Violation of any provision of this article may also include the following sanctions:

1. The Board, Department, or the VSMP authority, where authorized to enforce this article, may

apply to the appropriate court in any jurisdiction wherein the land lies to enjoin a violation or a threatened violation of the provisions of this article or of the local ordinance without the necessity of showing that an adequate remedy at law does not exist.

2. With the consent of any person who has violated or failed, neglected, or refused to obey any ordinance, any condition of a permit or state permit, any regulation or order of the Board, any order of the VSMP authority or the Department, or any provision of this article, the Board, Department, or VSMP authority may provide, in an order issued against such person, for the payment of civil charges for violations in specific sums, not to exceed the limit specified in this section. Such civil charges shall be instead of any appropriate civil penalty that could be imposed under this section. Any civil charges collected shall be paid to the locality or state treasury pursuant to subsection A.

§ 62.1-44.15:49. Enforcement authority of MS4 localities.

A. Localities shall adopt a stormwater ordinance pursuant to the conditions of a MS4 permit that is consistent with this article and its associated regulations and that contains provisions including the Virginia Stormwater Management Program (VSMP) General Permit for Discharges of Stormwater from Construction Activities and shall include additional provisions as required to comply with a state MS4 permit. Such locality may utilize the civil penalty provisions in subsection A of § 62.1-44.15:48, the injunctive authority as provided for in subdivision D 1 of § 62.1-44.15:48, and the civil charges as authorized in subdivision D 2 of § 62.1-44.15:48, to enforce the ordinance. At the request of another MS4, the locality may apply the penalties provided for in this section to direct or indirect discharges to any MS4 located within its jurisdiction.

B. Any person who willfully and knowingly violates any provision of such an ordinance is guilty of a Class 1 misdemeanor.

C. The local ordinance authorized by this section shall remain in full force and effect until the locality has been approved as a VSMP authority.

§ 62.1-44.15:50. Cooperation with federal and state agencies.

A VSMP authority and the Department are authorized to cooperate and enter into agreements with any federal or state agency in connection with the requirements for land-disturbing activities for stormwater management.

Article 2.4.

Erosion and Sediment Control Law.

§ 62.1-44.15:51. Definitions.

As used in this article, unless the context requires a different meaning:

"Agreement in lieu of a plan" means a contract between the plan-approving authority and the owner that specifies conservation measures that must be implemented in the construction of a single-family residence; this contract may be executed by the plan-approving authority in lieu of a formal site plan.

"Applicant" means any person submitting an erosion and sediment control plan for approval or requesting the issuance of a permit, when required, authorizing land-disturbing activities to commence.

"Certified inspector" means an employee or agent of a VESCP authority who (i) holds a certificate of competence from the Board in the area of project inspection or (ii) is enrolled in the Board's training program for project inspection and successfully completes such program within one year after enrollment.

"Certified plan reviewer" means an employee or agent of a VESCP authority who (i) holds a certificate of competence from the Board in the area of plan review, (ii) is enrolled in the Board's training program for plan review and successfully completes such program within one year after enrollment, or (iii) is licensed as a professional engineer, architect, landscape architect, land surveyor pursuant to Article 1 (§ 54.1-400 et seq.) of Chapter 4 of Title 54.1, or professional soil scientist as defined in § 54.1-2200.

"Certified program administrator" means an employee or agent of a VESCP authority who (i) holds a certificate of competence from the Board in the area of program administration or (ii) is enrolled in the Board's training program for program administration and successfully completes such program within one year after enrollment.

"Department" means the Department of Environmental Quality.

"Director" means the Director of the Department of Environmental Quality.

"District" or "soil and water conservation district" means a political subdivision of the Commonwealth organized in accordance with the provisions of Article 1.5 (§ 10.1-1187.21 et seq.) of Chapter 11.1 of Title 10.1.

"Erosion and sediment control plan" or "plan" means a document containing material for the conservation of soil and water resources of a unit or group of units of land. It may include appropriate maps, an appropriate soil and water plan inventory and management information with needed interpretations, and a record of decisions contributing to conservation treatment. The plan shall contain all major conservation decisions to ensure that the entire unit or units of land will be so treated to

1643 achieve the conservation objectives.

1644 "Erosion impact area" means an area of land not associated with current land-disturbing activity but
 1645 subject to persistent soil erosion resulting in the delivery of sediment onto neighboring properties or
 1646 into state waters. This definition shall not apply to any lot or parcel of land of 10,000 square feet or
 1647 less used for residential purposes or to shorelines where the erosion results from wave action or other
 1648 coastal processes.

1649 "Land-disturbing activity" means any man-made change to the land surface that may result in soil
 1650 erosion from water or wind and the movement of sediments into state waters or onto lands in the
 1651 Commonwealth, including, but not limited to, clearing, grading, excavating, transporting, and filling of
 1652 land, except that the term shall not include:

1653 1. Minor land-disturbing activities such as home gardens and individual home landscaping, repairs,
 1654 and maintenance work;

1655 2. Individual service connections;

1656 3. Installation, maintenance, or repair of any underground public utility lines when such activity
 1657 occurs on an existing hard surfaced road, street, or sidewalk, provided the land-disturbing activity is
 1658 confined to the area of the road, street, or sidewalk that is hard surfaced;

1659 4. Septic tank lines or drainage fields unless included in an overall plan for land-disturbing activity
 1660 relating to construction of the building to be served by the septic tank system;

1661 5. Permitted surface or deep mining operations and projects, or oil and gas operations and projects
 1662 conducted pursuant to Title 45.1;

1663 6. Tilling, planting, or harvesting of agricultural, horticultural, or forest crops, livestock feedlot
 1664 operations, or as additionally set forth by the Board in regulation, including engineering operations as
 1665 follows: construction of terraces, terrace outlets, check dams, desilting basins, dikes, ponds, ditches,
 1666 strip cropping, lister furrowing, contour cultivating, contour furrowing, land drainage, and land
 1667 irrigation; however, this exception shall not apply to harvesting of forest crops unless the area on which
 1668 harvesting occurs is reforested artificially or naturally in accordance with the provisions of Chapter 11
 1669 (§ 10.1-1100 et seq.) of Title 10.1 or is converted to bona fide agricultural or improved pasture use as
 1670 described in subsection B of § 10.1-1163;

1671 7. Repair or rebuilding of the tracks, rights-of-way, bridges, communication facilities, and other
 1672 related structures and facilities of a railroad company;

1673 8. Agricultural engineering operations, including but not limited to the construction of terraces,
 1674 terrace outlets, check dams, desilting basins, dikes, ponds not required to comply with the provisions of
 1675 the Dam Safety Act (§ 10.1-604 et seq.), ditches, strip cropping, lister furrowing, contour cultivating,
 1676 contour furrowing, land drainage, and land irrigation;

1677 9. Disturbed land areas of less than 10,000 square feet in size or 2,500 square feet in all areas of
 1678 the jurisdictions designated as subject to the Chesapeake Bay Preservation Area Designation and
 1679 Management Regulations; however, the governing body of the program authority may reduce this
 1680 exception to a smaller area of disturbed land or qualify the conditions under which this exception shall
 1681 apply;

1682 10. Installation of fence and sign posts or telephone and electric poles and other kinds of posts or
 1683 poles;

1684 11. Shoreline erosion control projects on tidal waters when all of the land-disturbing activities are
 1685 within the regulatory authority of and approved by local wetlands boards, the Marine Resources
 1686 Commission, or the United States Army Corps of Engineers; however, any associated land that is
 1687 disturbed outside of this exempted area shall remain subject to this article and the regulations adopted
 1688 pursuant thereto; and

1689 12. Emergency work to protect life, limb, or property, and emergency repairs; however, if the
 1690 land-disturbing activity would have required an approved erosion and sediment control plan, if the
 1691 activity were not an emergency, then the land area disturbed shall be shaped and stabilized in
 1692 accordance with the requirements of the VESCP authority.

1693 "Natural channel design concepts" means the utilization of engineering analysis and fluvial
 1694 geomorphic processes to create, rehabilitate, restore, or stabilize an open conveyance system for the
 1695 purpose of creating or recreating a stream that conveys its bankfull storm event within its banks and
 1696 allows larger flows to access its bankfull bench and its floodplain.

1697 "Owner" means the owner or owners of the freehold of the premises or lesser estate therein,
 1698 mortgagee or vendee in possession, assignee of rents, receiver, executor, trustee, lessee, or other person,
 1699 firm, or corporation in control of a property.

1700 "Peak flow rate" means the maximum instantaneous flow from a given storm condition at a
 1701 particular location.

1702 "Permittee" means the person to whom the local permit authorizing land-disturbing activities is
 1703 issued or the person who certifies that the approved erosion and sediment control plan will be followed.

"Person" means any individual, partnership, firm, association, joint venture, public or private corporation, trust, estate, commission, board, public or private institution, utility, cooperative, county, city, town, or other political subdivision of the Commonwealth, governmental body, including a federal or state entity as applicable, any interstate body, or any other legal entity.

"Runoff volume" means the volume of water that runs off the land development project from a prescribed storm event.

"Town" means an incorporated town.

"Virginia Erosion and Sediment Control Program" or "VESCP" means a program approved by the Board that has been established by a VESCP authority for the effective control of soil erosion, sediment deposition, and nonagricultural runoff associated with a land-disturbing activity to prevent the unreasonable degradation of properties, stream channels, waters, and other natural resources and shall include such items where applicable as local ordinances, rules, permit requirements, annual standards and specifications, policies and guidelines, technical materials, and requirements for plan review, inspection, enforcement where authorized in this article, and evaluation consistent with the requirements of this article and its associated regulations.

"Virginia Erosion and Sediment Control Program authority" or "VESCP authority" means an authority approved by the Board to operate a Virginia Erosion and Sediment Control Program. An authority may include a state entity, including the Department; a federal entity; a district, county, city, or town; or for linear projects subject to annual standards and specifications, electric, natural gas, and telephone utility companies, interstate and intrastate natural gas pipeline companies, railroad companies, or authorities created pursuant to § 15.2-5102.

"Water quality volume" means the volume equal to the first one-half inch of runoff multiplied by the impervious surface of the land development project.

§ 62.1-44.15:52. Virginia Erosion and Sediment Control Program.

A. The Board shall develop a program and adopt regulations in accordance with the Administrative Process Act (§ 2.2-4000 et seq.) for the effective control of soil erosion, sediment deposition, and nonagricultural runoff that shall be met in any control program to prevent the unreasonable degradation of properties, stream channels, waters, and other natural resources. Stream restoration and relocation projects that incorporate natural channel design concepts are not man-made channels and shall be exempt from any flow rate capacity and velocity requirements for natural or man-made channels as defined in any regulations promulgated pursuant to this section or § 62.1-44.15:54 or 62.1-44.15:65. Any plan approved prior to July 1, 2014, that provides for stormwater management that addresses any flow rate capacity and velocity requirements for natural or man-made channels shall satisfy the flow rate capacity and velocity requirements for natural or man-made channels if the practices are designed to (i) detain the water quality volume and to release it over 48 hours; (ii) detain and release over a 24-hour period the expected rainfall resulting from the one-year, 24-hour storm; and (iii) reduce the allowable peak flow rate resulting from the 1.5-year, two-year, and 10-year, 24-hour storms to a level that is less than or equal to the peak flow rate from the site assuming it was in a good forested condition, achieved through multiplication of the forested peak flow rate by a reduction factor that is equal to the runoff volume from the site when it was in a good forested condition divided by the runoff volume from the site in its proposed condition, and shall be exempt from any flow rate capacity and velocity requirement for natural or man-made channels as defined in regulations promulgated pursuant to § 62.1-44.15:54 or 62.1-44.15:65. For plans approved on and after July 1, 2014, the flow rate capacity and velocity requirements of this subsection shall be satisfied by compliance with water quantity requirements in the Stormwater Management Act (§ 62.1-44.15:24 et seq.) and attendant regulations, unless such land-disturbing activities are in accordance with the grandfathering provisions of the Virginia Stormwater Management Program (VSMP) Permit Regulations.

The regulations shall:

1. Be based upon relevant physical and developmental information concerning the watersheds and drainage basins of the Commonwealth, including, but not limited to, data relating to land use, soils, hydrology, geology, size of land area being disturbed, proximate water bodies and their characteristics, transportation, and public facilities and services;

2. Include such survey of lands and waters as may be deemed appropriate by the Board or required by any applicable law to identify areas, including multijurisdictional and watershed areas, with critical erosion and sediment problems; and

3. Contain conservation standards for various types of soils and land uses, which shall include criteria, techniques, and methods for the control of erosion and sediment resulting from land-disturbing activities.

B. The Board shall provide technical assistance and advice to, and conduct and supervise educational programs for VESCP authorities.

C. The Board shall adopt regulations establishing minimum standards of effectiveness of erosion and

sediment control programs, and criteria and procedures for reviewing and evaluating the effectiveness of VESCPs. In developing minimum standards for program effectiveness, the Board shall consider information and standards on which the regulations promulgated pursuant to subsection A are based.

D. The Board shall approve VESCP authorities and shall periodically conduct a comprehensive program compliance review and evaluation to ensure that all VESCPs operating under the jurisdiction of this article meet minimum standards of effectiveness in controlling soil erosion, sediment deposition, and nonagricultural runoff. The Department shall develop a schedule for conducting periodic reviews and evaluations of the effectiveness of VESCPs unless otherwise directed by the Board. Such reviews where applicable shall be coordinated with those being implemented in accordance with the Stormwater Management Act (§ 62.1-44.15:24 et seq.) and associated regulations and the Chesapeake Bay Preservation Act (§ 62.1-44.15:67 et seq.) and associated regulations. The Department may also conduct a comprehensive or partial program compliance review and evaluation of a VESCP at a greater frequency than the standard schedule.

E. The Board shall issue certificates of competence concerning the content, application, and intent of specified subject areas of this article and accompanying regulations, including program administration, plan review, and project inspection, to personnel of program authorities and to any other persons who have completed training programs or in other ways demonstrated adequate knowledge. The Department shall administer education and training programs for specified subject areas of this article and accompanying regulations, and is authorized to charge persons attending such programs reasonable fees to cover the costs of administering the programs. Such education and training programs shall also contain expanded components to address plan review and project inspection elements of the Stormwater Management Act (§ 62.1-44.15:24 et seq.) and attendant regulations in accordance with § 62.1-44.15:30.

F. Department personnel conducting inspections pursuant to this article shall hold a certificate of competence as provided in subsection E.

§ 62.1-44.15:53. Certification of program personnel.

A. The minimum standards of VESCP effectiveness established by the Board pursuant to subsection C of § 62.1-44.15:52 shall provide that (i) an erosion and sediment control plan shall not be approved until it is reviewed by a certified plan reviewer; (ii) inspections of land-disturbing activities shall be conducted by a certified inspector; and (iii) a VESCP shall contain a certified program administrator, a certified plan reviewer, and a certified project inspector, who may be the same person.

B. Any person who holds a certificate of competence from the Board in the area of plan review, project inspection, or program administration that was attained prior to the adoption of the mandatory certification provisions of subsection A shall be deemed to satisfy the requirements of that area of certification.

C. Professionals registered in the Commonwealth pursuant to Article 1 (§ 54.1-400 et seq.) of Chapter 4 of Title 54.1 or a professional soil scientist as defined in § 54.1-2200 shall be deemed to satisfy the certification requirements for the purposes of renewals.

§ 62.1-44.15:54. Establishment of Virginia Erosion and Sediment Control Program.

A. Counties and cities shall adopt and administer a VESCP.

Any town lying within a county that has adopted its own VESCP may adopt its own program or shall become subject to the county program. If a town lies within the boundaries of more than one county, the town shall be considered for the purposes of this article to be wholly within the county in which the larger portion of the town lies.

B. A VESCP authority may enter into agreements or contracts with soil and water conservation districts, adjacent localities, or other public or private entities to assist with carrying out the provisions of this article, including the review and determination of adequacy of erosion and sediment control plans submitted for land-disturbing activities on a unit or units of land as well as for monitoring, reports, inspections, and enforcement where authorized in this article, of such land-disturbing activities.

C. Any VESCP adopted by a county, city, or town shall be approved by the Board if it establishes by ordinance requirements that are consistent with this article and associated regulations.

D. Each approved VESCP operated by a county, city, or town shall include provisions for the integration of the VESCP with Virginia stormwater management, flood insurance, flood plain management, and other programs requiring compliance prior to authorizing a land-disturbing activity in order to make the submission and approval of plans, issuance of permits, payment of fees, and coordination of inspection and enforcement activities more convenient and efficient both for the local governments and those responsible for compliance with the programs.

E. The Board may approve a state entity, federal entity, or, for linear projects subject to annual standards and specifications, electric, natural gas, and telephone utility companies, interstate and intrastate natural gas pipeline companies, railroad companies, or authorities created pursuant to § 15.2-5102 to operate a VESCP consistent with the requirements of this article and its associated regulations and the VESCP authority's Department-approved annual standards and specifications. For

these programs, enforcement shall be administered by the Department and the Board where applicable in accordance with the provisions of this article.

F. Following completion of a compliance review of a VESCP in accordance with subsection D of § 62.1-44.15:52, the Department shall provide results and compliance recommendations to the Board in the form of a corrective action agreement if deficiencies are found; otherwise, the Board may find the program compliant. If a comprehensive or partial program compliance review conducted by the Department of a VESCP indicates that the VESCP authority has not administered, enforced where authorized to do so, or conducted its VESCP in a manner that satisfies the minimum standards of effectiveness established pursuant to subsection C of § 62.1-44.15:52, the Board shall establish a schedule for the VESCP authority to come into compliance. The Board shall provide a copy of its decision to the VESCP authority that specifies the deficiencies, actions needed to be taken, and the approved compliance schedule required to attain the minimum standard of effectiveness and shall include an offer to provide technical assistance to implement the corrective action. If the VESCP authority has not implemented the necessary compliance actions identified by the Board within 30 days following receipt of the corrective action agreement, or such additional period as is granted to complete the implementation of the corrective action, then the Board shall have the authority to (i) issue a special order to any VESCP, imposing a civil penalty not to exceed \$5,000 per day with the maximum amount not to exceed \$20,000 per violation for noncompliance with the state program, to be paid into the state treasury and deposited in the Virginia Stormwater Management Fund established by § 62.1-44.15:29 or (ii) revoke its approval of the VESCP. The Administrative Process Act (§ 2.2-4000 et seq.) shall govern the activities and proceedings of the Board and the judicial review thereof.

In lieu of issuing a special order or revoking the program, the Board is authorized to take legal action against a VESCP to ensure compliance.

G. If the Board revokes its approval of the VESCP of a county, city, or town, and the locality is in a district, the district, upon approval of the Board, shall adopt and administer a VESCP for the locality. To carry out its program, the district shall adopt regulations in accordance with the Administrative Process Act (§ 2.2-4000 et seq.) consistent with this article and associated regulations. The regulations may be revised from time to time as necessary. The program and regulations shall be available for public inspection at the principal office of the district.

H. If the Board (i) revokes its approval of a VESCP of a district, or of a county, city, or town not in a district, or (ii) finds that a local program consistent with this article and associated regulations has not been adopted by a district or a county, city, or town that is required to adopt and administer a VESCP, the Board shall find the VESCP authority provisional, and have the Department assist with the administration of the program until the Board finds the VESCP authority compliant with the requirements of this article and associated regulations. "Assisting with administration" includes but is not limited to the ability to review and comment on plans to the VESCP authority, to conduct inspections with the VESCP authority, and to conduct enforcement in accordance with this article and associated regulations.

I. If the Board revokes its approval of a state entity, federal entity, or, for linear projects subject to annual standards and specifications, electric, natural gas, and telephone utility companies, interstate and intrastate natural gas pipeline companies, railroad companies, or authorities created pursuant to § 15.2-5102, the Board shall find the VESCP authority provisional, and have the Department assist with the administration of the program until the Board finds the VESCP authority compliant with the requirements of this article and associated regulations. Assisting with administration includes the ability to review and comment on plans to the VESCP authority and to conduct inspections with the VESCP authority in accordance with this article and associated regulations.

J. Any VESCP authority that administers an erosion and sediment control program may charge applicants a reasonable fee to defray the cost of program administration. Such fee may be in addition to any fee charged for administration of a Virginia Stormwater Management Program, although payment of fees may be consolidated in order to provide greater convenience and efficiency for those responsible for compliance with the programs. A VESCP authority shall hold a public hearing prior to establishing a schedule of fees. The fee shall not exceed an amount commensurate with the services rendered, taking into consideration the time, skill, and the VESCP authority's expense involved.

K. The governing body of any county, city, or town, or a district board that is authorized to administer a VESCP, may adopt an ordinance or regulation where applicable providing that violations of any regulation or order of the Board, any provision of its program, any condition of a permit, or any provision of this article shall be subject to a civil penalty. The civil penalty for any one violation shall be not less than \$100 nor more than \$1,000. Each day during which the violation is found to have existed shall constitute a separate offense. In no event shall a series of specified violations arising from the same operative set of facts result in civil penalties that exceed a total of \$10,000, except that a series of violations arising from the commencement of land-disturbing activities without an approved

plan for any site shall not result in civil penalties that exceed a total of \$10,000. Adoption of such an ordinance providing that violations are subject to a civil penalty shall be in lieu of criminal sanctions and shall preclude the prosecution of such violation as a misdemeanor under subsection A of § 62.1-44.15:63. The penalties set out in this subsection are also available to the Board in its enforcement actions.

§ 62.1-44.15:55. Regulated land-disturbing activities; submission and approval of erosion and sediment control plan.

A. Except as provided in § 62.1-44.15:56 for state agency and federal entity land-disturbing activities, no person shall engage in any land-disturbing activity until he has submitted to the VESCP authority an erosion and sediment control plan for the land-disturbing activity and the plan has been reviewed and approved. Upon the development of an online reporting system by the Department, but no later than July 1, 2014, a VESCP authority shall then be required to obtain evidence of Virginia Stormwater Management Program permit coverage where it is required prior to providing approval to begin land disturbance. Where land-disturbing activities involve lands under the jurisdiction of more than one VESCP, an erosion and sediment control plan may, at the request of one or all of the VESCP authorities, be submitted to the Department for review and approval rather than to each jurisdiction concerned. The Department may charge the jurisdictions requesting the review a fee sufficient to cover the cost associated with conducting the review. A VESCP may enter into an agreement with an adjacent VESCP regarding the administration of multijurisdictional projects whereby the jurisdiction that contains the greater portion of the project shall be responsible for all or part of the administrative procedures. Where the land-disturbing activity results from the construction of a single-family residence, an agreement in lieu of a plan may be substituted for an erosion and sediment control plan if executed by the VESCP authority.

B. The VESCP authority shall review erosion and sediment control plans submitted to it and grant written approval within 60 days of the receipt of the plan if it determines that the plan meets the requirements of this article and the Board's regulations and if the person responsible for carrying out the plan certifies that he will properly perform the erosion and sediment control measures included in the plan and shall comply with the provisions of this article. In addition, as a prerequisite to engaging in the land-disturbing activities shown on the approved plan, the person responsible for carrying out the plan shall provide the name of an individual holding a certificate of competence to the VESCP authority, as provided by § 62.1-44.15:52, who will be in charge of and responsible for carrying out the land-disturbing activity. However, any VESCP authority may waive the certificate of competence requirement for an agreement in lieu of a plan for construction of a single-family residence. If a violation occurs during the land-disturbing activity, then the person responsible for carrying out the agreement in lieu of a plan shall correct the violation and provide the name of an individual holding a certificate of competence, as provided by § 62.1-44.15:52. Failure to provide the name of an individual holding a certificate of competence prior to engaging in land-disturbing activities may result in revocation of the approval of the plan and the person responsible for carrying out the plan shall be subject to the penalties provided in this article.

When a plan is determined to be inadequate, written notice of disapproval stating the specific reasons for disapproval shall be communicated to the applicant within 45 days. The notice shall specify the modifications, terms, and conditions that will permit approval of the plan. If no action is taken by the VESCP authority within the time specified in this subsection, the plan shall be deemed approved and the person authorized to proceed with the proposed activity. The VESCP authority shall act on any erosion and sediment control plan that has been previously disapproved within 45 days after the plan has been revised, resubmitted for approval, and deemed adequate.

C. The VESCP authority may require changes to an approved plan in the following cases:

1. Where inspection has revealed that the plan is inadequate to satisfy applicable regulations; or
2. Where the person responsible for carrying out the approved plan finds that because of changed circumstances or for other reasons the approved plan cannot be effectively carried out, and proposed amendments to the plan, consistent with the requirements of this article and associated regulations, are agreed to by the VESCP authority and the person responsible for carrying out the plan.

D. Electric, natural gas, and telephone utility companies, interstate and intrastate natural gas pipeline companies, and railroad companies shall, and authorities created pursuant to § 15.2-5102 may, file general erosion and sediment control standards and specifications annually with the Department for review and approval. Such standards and specifications shall be consistent with the requirements of this article and associated regulations and the Stormwater Management Act (§ 62.1-44.15:24 et seq.) and associated regulations where applicable. The specifications shall apply to:

1. Construction, installation, or maintenance of electric transmission, natural gas, and telephone utility lines and pipelines, and water and sewer lines; and
2. Construction of the tracks, rights-of-way, bridges, communication facilities, and other related

structures and facilities of the railroad company.

The Department shall have 60 days in which to approve the standards and specifications. If no action is taken by the Department within 60 days, the standards and specifications shall be deemed approved. Individual approval of separate projects within subdivisions 1 and 2 is not necessary when approved specifications are followed. Projects not included in subdivisions 1 and 2 shall comply with the requirements of the appropriate VESCP. The Board shall have the authority to enforce approved specifications and charge fees equal to the lower of (i) \$1,000 or (ii) an amount sufficient to cover the costs associated with standard and specification review and approval, project inspections, and compliance.

E. Any person engaging, in more than one jurisdiction, in the creation and operation of a wetland mitigation or stream restoration bank or banks, which have been approved and are operated in accordance with applicable federal and state guidance, laws, or regulations for the establishment, use, and operation of wetlands mitigation or stream restoration banks, pursuant to a mitigation banking instrument signed by the Department of Environmental Quality, the Marine Resources Commission, or the U.S. Army Corps of Engineers, may, at the option of that person, file general erosion and sediment control standards and specifications for wetland mitigation or stream restoration banks annually with the Department for review and approval consistent with guidelines established by the Board.

The Department shall have 60 days in which to approve the specifications. If no action is taken by the Department within 60 days, the specifications shall be deemed approved. Individual approval of separate projects under this subsection is not necessary when approved specifications are implemented through a project-specific erosion and sediment control plan. Projects not included in this subsection shall comply with the requirements of the appropriate local erosion and sediment control program. The Board shall have the authority to enforce approved specifications and charge fees equal to the lower of (i) \$1,000 or (ii) an amount sufficient to cover the costs associated with standard and specification review and approval, projection inspections, and compliance. Approval of general erosion and sediment control specifications by the Department does not relieve the owner or operator from compliance with any other local ordinances and regulations including requirements to submit plans and obtain permits as may be required by such ordinances and regulations.

F. In order to prevent further erosion, a VESCP authority may require approval of an erosion and sediment control plan for any land identified by the VESCP authority as an erosion impact area.

G. For the purposes of subsections A and B, when land-disturbing activity will be required of a contractor performing construction work pursuant to a construction contract, the preparation, submission, and approval of an erosion and sediment control plan shall be the responsibility of the owner.

§ 62.1-44.15:56. State agency and federal entity projects.

A. A state agency shall not undertake a project involving a land-disturbing activity unless (i) the state agency has submitted annual standards and specifications for its conduct of land-disturbing activities that have been reviewed and approved by the Department as being consistent with this article and associated regulations or (ii) the state agency has submitted an erosion and sediment control plan for the project that has been reviewed and approved by the Department. When a federal entity submits an erosion and sediment control plan for a project, land disturbance shall not commence until the Department has reviewed and approved the plan.

B. The Department shall not approve an erosion and sediment control plan submitted by a state agency or federal entity for a project involving a land-disturbing activity (i) in any locality that has not adopted a local program with more stringent regulations than those of the state program or (ii) in multiple jurisdictions with separate local programs, unless the erosion and sediment control plan is consistent with the requirements of the state program.

C. The Department shall not approve an erosion and sediment control plan submitted by a state agency or federal entity for a project involving a land-disturbing activity in one locality with a local program with more stringent ordinances than those of the state program unless the erosion and sediment control plan is consistent with the requirements of the local program. If a locality has not submitted a copy of its local program regulations to the Department, the provisions of subsection B shall apply.

D. The Department shall have 60 days in which to comment on any standards and specifications or erosion and sediment control plan submitted to it for review, and its comments shall be binding on the state agency and any private business hired by the state agency.

E. As onsite changes occur, the state agency shall submit changes in an erosion and sediment control plan to the Department.

F. The state agency responsible for the land-disturbing activity shall ensure compliance with an approved plan, and the Department and Board, where applicable, shall provide project oversight and enforcement as necessary.

G. If the state agency or federal entity has developed, and the Department has approved, annual standards and specifications, and the state agency or federal entity has been approved by the Board to operate a VESCP as a VESCP authority, erosion and sediment control plan review and approval and land-disturbing activity inspections shall be conducted by such entity. The Department and the Board, where applicable, shall provide project oversight and enforcement as necessary and comprehensive program compliance review and evaluation. Such standards and specifications shall be consistent with the requirements of this article and associated regulations and the Stormwater Management Act (§ 62.1-44.15:24 et seq.) and associated regulations when applicable.

§ 62.1-44.15:57. Approved plan required for issuance of grading, building, or other permits; security for performance.

Agencies authorized under any other law to issue grading, building, or other permits for activities involving land-disturbing activities regulated under this article shall not issue any such permit unless the applicant submits with his application an approved erosion and sediment control plan and certification that the plan will be followed and, upon the development of an online reporting system by the Department but no later than July 1, 2014, evidence of Virginia Stormwater Management Program permit coverage where it is required. Prior to issuance of any permit, the agency may also require an applicant to submit a reasonable performance bond with surety, cash escrow, letter of credit, any combination thereof, or such other legal arrangement acceptable to the agency, to ensure that measures could be taken by the agency at the applicant's expense should he fail, after proper notice, within the time specified to initiate or maintain appropriate conservation action that may be required of him by the approved plan as a result of his land-disturbing activity. The amount of the bond or other security for performance shall not exceed the total of the estimated cost to initiate and maintain appropriate conservation action based on unit price for new public or private sector construction in the locality and a reasonable allowance for estimated administrative costs and inflation, which shall not exceed 25 percent of the estimated cost of the conservation action. If the agency takes such conservation action upon such failure by the permittee, the agency may collect from the permittee the difference should the amount of the reasonable cost of such action exceed the amount of the security held. Within 60 days of the achievement of adequate stabilization of the land-disturbing activity in any project or section thereof, the bond, cash escrow, letter of credit, or other legal arrangement, or the unexpended or unobligated portion thereof, shall be refunded to the applicant or terminated based upon the percentage of stabilization accomplished in the project or section thereof. These requirements are in addition to all other provisions of law relating to the issuance of such permits and are not intended to otherwise affect the requirements for such permits.

§ 62.1-44.15:58. Monitoring, reports, and inspections.

A. The VESCP authority (i) shall provide for periodic inspections of the land-disturbing activity and require that an individual holding a certificate of competence, as provided by § 62.1-44.15:52, who will be in charge of and responsible for carrying out the land-disturbing activity and (ii) may require monitoring and reports from the person responsible for carrying out the erosion and sediment control plan, to ensure compliance with the approved plan and to determine whether the measures required in the plan are effective in controlling erosion and sediment. However, any VESCP authority may waive the certificate of competence requirement for an agreement in lieu of a plan for construction of a single-family residence. The owner, permittee, or person responsible for carrying out the plan shall be given notice of the inspection. If the VESCP authority, where authorized to enforce this article, or the Department determines that there is a failure to comply with the plan following an inspection, notice shall be served upon the permittee or person responsible for carrying out the plan by mailing with confirmation of delivery to the address specified in the permit application or in the plan certification, or by delivery at the site of the land-disturbing activities to the agent or employee supervising such activities. The notice shall specify the measures needed to comply with the plan and shall specify the time within which such measures shall be completed. Upon failure to comply within the time specified, the permit may be revoked and the VESCP authority, where authorized to enforce this article, the Department, or the Board may pursue enforcement as provided by § 62.1-44.15:63.

B. Notwithstanding the provisions of subsection A, a VESCP authority is authorized to enter into agreements or contracts with districts, adjacent localities, or other public or private entities to assist with the responsibilities of this article, including but not limited to the review and determination of adequacy of erosion and sediment control plans submitted for land-disturbing activities as well as monitoring, reports, inspections, and enforcement where an authority is granted such powers by this article.

C. Upon issuance of an inspection report denoting a violation of this section, § 62.1-44.15:55 or 62.1-44.15:56, in conjunction with or subsequent to a notice to comply as specified in subsection A, a VESCP authority, where authorized to enforce this article, or the Department may issue an order requiring that all or part of the land-disturbing activities permitted on the site be stopped until the

specified corrective measures have been taken or, if land-disturbing activities have commenced without an approved plan as provided in § 62.1-44.15:55, requiring that all of the land-disturbing activities be stopped until an approved plan or any required permits are obtained. Where the alleged noncompliance is causing or is in imminent danger of causing harmful erosion of lands or sediment deposition in waters within the watersheds of the Commonwealth, or where the land-disturbing activities have commenced without an approved erosion and sediment control plan or any required permits, such an order may be issued whether or not the alleged violator has been issued a notice to comply as specified in subsection A. Otherwise, such an order may be issued only after the alleged violator has failed to comply with a notice to comply. The order for noncompliance with a plan shall be served in the same manner as a notice to comply, and shall remain in effect for seven days from the date of service pending application by the VESCP authority, the Department, or alleged violator for appropriate relief to the circuit court of the jurisdiction wherein the violation was alleged to have occurred or other appropriate court. The order for disturbance without an approved plan or permits shall be served upon the owner by mailing with confirmation of delivery to the address specified in the land records of the locality, shall be posted on the site where the disturbance is occurring, and shall remain in effect until such time as permits and plan approvals are secured, except in such situations where an agricultural exemption applies. If the alleged violator has not obtained an approved erosion and sediment control plan or any required permit within seven days from the date of service of the order, the Department or the chief administrative officer or his designee on behalf of the VESCP authority may issue a subsequent order to the owner requiring that all construction and other work on the site, other than corrective measures, be stopped until an approved erosion and sediment control plan and any required permits have been obtained. The subsequent order shall be served upon the owner by mailing with confirmation of delivery to the address specified in the permit application or the land records of the locality in which the site is located. The owner may appeal the issuance of any order to the circuit court of the jurisdiction wherein the violation was alleged to have occurred or other appropriate court. Any person violating or failing, neglecting, or refusing to obey an order issued by the Department or the chief administrative officer or his designee on behalf of the VESCP authority may be compelled in a proceeding instituted in the circuit court of the jurisdiction wherein the violation was alleged to have occurred or other appropriate court to obey same and to comply therewith by injunction, mandamus, or other appropriate remedy. Upon completion and approval of corrective action or obtaining an approved plan or any required permits, the order shall immediately be lifted. Nothing in this section shall prevent the Department, the Board, or the chief administrative officer or his designee on behalf of the VESCP authority from taking any other action specified in § 62.1-44.15:63.

§ 62.1-44.15:59. Reporting.

Each VESCP authority shall report to the Department, in a method such as an online reporting system and on a time schedule established by the Department, a listing of each land-disturbing activity for which a plan has been approved by the VESCP under this article.

§ 62.1-44.15:60. Right of entry.

The Department, the VESCP authority, where authorized to enforce this article, or any duly authorized agent of the Department or such VESCP authority may, at reasonable times and under reasonable circumstances, enter any establishment or upon any property, public or private, for the purpose of obtaining information or conducting surveys or investigations necessary in the enforcement of the provisions of this article.

In accordance with a performance bond with surety, cash escrow, letter of credit, any combination thereof, or such other legal arrangement, a VESCP authority may also enter any establishment or upon any property, public or private, for the purpose of initiating or maintaining appropriate actions that are required by the permit conditions associated with a land-disturbing activity when a permittee, after proper notice, has failed to take acceptable action within the time specified.

§ 62.1-44.15:61. Cooperation with federal and state agencies.

A VESCP authority and the Board are authorized to cooperate and enter into agreements with any federal or state agency in connection with the requirements for erosion and sediment control with respect to land-disturbing activities.

§ 62.1-44.15:62. Judicial appeals.

A. A final decision by a county, city, or town, when serving as a VESCP authority under this article, shall be subject to judicial review, provided that an appeal is filed within 30 days from the date of any written decision adversely affecting the rights, duties, or privileges of the person engaging in or proposing to engage in land-disturbing activities.

B. Final decisions of the Board, Department, or district shall be subject to judicial review in accordance with the provisions of the Administrative Process Act (§ 2.2-4000 et seq.).

§ 62.1-44.15:63. Penalties, injunctions and other legal actions.

A. Violators of § 62.1-44.15:55, 62.1-44.15:56, or 62.1-44.15:58 shall be guilty of a Class 1

2131 misdemeanor.

2132 B. Any person who has violated or failed, neglected, or refused to obey any regulation or order of
 2133 the Board, any order, notice, or requirement of the Department or VESCP authority, any condition of a
 2134 permit, or any provision of this article or associated regulation shall, upon a finding of an appropriate
 2135 court, be assessed a civil penalty. If a locality or district serving as a VESCP authority has adopted a
 2136 uniform schedule of civil penalties as permitted by subsection K of § 62.1-44.15:54, such assessment
 2137 shall be in accordance with the schedule. The VESCP authority or the Department may issue a
 2138 summons for collection of the civil penalty. In any trial for a scheduled violation, it shall be the burden
 2139 of the locality or Department to show the liability of the violator by a preponderance of the evidence.
 2140 An admission or finding of liability shall not be a criminal conviction for any purpose. Any civil
 2141 penalties assessed by a court shall be paid into the treasury of the locality wherein the land lies, except
 2142 that where the violator is the locality itself, or its agent, or where the Department is issuing the
 2143 summons, the court shall direct the penalty to be paid into the state treasury.

2144 C. The VESCP authority, the Department, or the owner of property that has sustained damage or
 2145 which is in imminent danger of being damaged may apply to the circuit court in any jurisdiction
 2146 wherein the land lies or other appropriate court to enjoin a violation or a threatened violation under
 2147 § 62.1-44.15:55, 62.1-44.15:56, or 62.1-44.15:58 without the necessity of showing that an adequate
 2148 remedy at law does not exist; however, an owner of property shall not apply for injunctive relief unless
 2149 (i) he has notified in writing the person who has violated the VESCP, the Department, and the VESCP
 2150 authority that a violation of the VESCP has caused, or creates a probability of causing, damage to his
 2151 property, and (ii) neither the person who has violated the VESCP, the Department, nor the VESCP
 2152 authority has taken corrective action within 15 days to eliminate the conditions that have caused, or
 2153 create the probability of causing, damage to his property.

2154 D. In addition to any criminal or civil penalties provided under this article, any person who violates
 2155 any provision of this article may be liable to the VESCP authority or the Department, as appropriate, in
 2156 a civil action for damages.

2157 E. Without limiting the remedies that may be obtained in this section, any person violating or failing,
 2158 neglecting, or refusing to obey any injunction, mandamus, or other remedy obtained pursuant to this
 2159 section shall be subject, in the discretion of the court, to a civil penalty not to exceed \$2,000 for each
 2160 violation. A civil action for such violation or failure may be brought by the VESCP authority wherein
 2161 the land lies or the Department. Any civil penalties assessed by a court shall be paid into the treasury
 2162 of the locality wherein the land lies, except that where the violator is the locality itself, or its agent, or
 2163 other VESCP authority, or where the penalties are assessed as the result of an enforcement action
 2164 brought by the Department, the court shall direct the penalty to be paid into the state treasury.

2165 F. With the consent of any person who has violated or failed, neglected, or refused to obey any
 2166 regulation or order of the Board, any order, notice, or requirement of the Department or VESCP
 2167 authority, any condition of a permit, or any provision of this article or associated regulations, the
 2168 Board, the Director, or VESCP authority may provide, in an order issued by the Board or VESCP
 2169 authority against such person, for the payment of civil charges for violations in specific sums, not to
 2170 exceed the limit specified in subsection E. Such civil charges shall be instead of any appropriate civil
 2171 penalty that could be imposed under subsection B or E.

2172 G. Upon request of a VESCP authority, the attorney for the Commonwealth shall take legal action to
 2173 enforce the provisions of this article. Upon request of the Board, the Department, or the district, the
 2174 Attorney General shall take appropriate legal action on behalf of the Board, the Department, or the
 2175 district to enforce the provisions of this article.

2176 H. Compliance with the provisions of this article shall be prima facie evidence in any legal or
 2177 equitable proceeding for damages caused by erosion or sedimentation that all requirements of law have
 2178 been met and the complaining party must show negligence in order to recover any damages.

2179 **§ 62.1-44.15:64. Stop work orders by Department; civil penalties.**

2180 A. An aggrieved owner of property sustaining pecuniary damage resulting from a violation of an
 2181 approved erosion and sediment control plan or required permit, or from the conduct of land-disturbing
 2182 activities commenced without an approved plan or required permit, may give written notice of the
 2183 alleged violation to the VESCP authority and to the Director.

2184 B. Upon receipt of the notice from the aggrieved owner and notification to the VESCP authority, the
 2185 Director shall conduct an investigation of the aggrieved owner's complaint.

2186 C. If the VESCP authority has not responded to the alleged violation in a manner that causes the
 2187 violation to cease and abates the damage to the aggrieved owner's property within 30 days following
 2188 receipt of the notice from the aggrieved owner, the aggrieved owner may request that the Director
 2189 require the violator to stop the violation and abate the damage to his property.

2190 D. If (i) the Director's investigation of the complaint indicates that the VESCP authority has not
 2191 responded to the alleged violation as required by the VESCP, (ii) the VESCP authority has not

responded to the alleged violation within 30 days from the date of the notice given pursuant to subsection A, and (iii) the Director is requested by the aggrieved owner to require the violator to cease the violation, then the Director shall give written notice to the VESCP authority that the Department intends to issue an order pursuant to subsection E.

E. If the VESCP authority has not instituted action to stop the violation and abate the damage to the aggrieved owner's property within 10 days following receipt of the notice from the Director, the Department is authorized to issue an order requiring the owner, permittee, person responsible for carrying out an approved erosion and sediment control plan, or person conducting the land-disturbing activities without an approved plan or required permit to cease all land-disturbing activities until the violation of the plan or permit has ceased or an approved plan and required permits are obtained, as appropriate, and specified corrective measures have been completed. The Department also may immediately initiate a program review of the VESCP.

F. Such orders are to be issued after a hearing held in accordance with the requirements of the Administrative Process Act (§ 2.2-4000 et seq.), and they shall become effective upon service on the person by mailing with confirmation of delivery, sent to his address specified in the land records of the locality, or by personal delivery by an agent of the Director. Any subsequent identical mail or notice that is sent by the Department may be sent by regular mail. However, if the Department finds that any such violation is grossly affecting or presents an imminent and substantial danger of causing harmful erosion of lands or sediment deposition in waters within the watersheds of the Commonwealth, it may issue, without advance notice or hearing, an emergency order directing such person to cease all land-disturbing activities on the site immediately and shall provide an opportunity for a hearing, after reasonable notice as to the time and place thereof, to such person, to affirm, modify, amend, or cancel such emergency order.

G. If a person who has been issued an order or emergency order is not complying with the terms thereof, the Board may institute a proceeding in the appropriate circuit court for an injunction, mandamus, or other appropriate remedy compelling the person to comply with such order.

H. Any person violating or failing, neglecting, or refusing to obey any injunction, mandamus, or other remedy obtained pursuant to subsection G shall be subject, in the discretion of the court, to a civil penalty not to exceed \$2,000 for each violation. Any civil penalties assessed by a court shall be paid into the state treasury.

§ 62.1-44.15:65. Authorization for more stringent regulations.

A. As part of a VESCP, a district or locality is authorized to adopt more stringent soil erosion and sediment control regulations or ordinances than those necessary to ensure compliance with the Board's regulations, provided that the more stringent regulations or ordinances are based upon factual findings of local or regional comprehensive watershed management studies or findings developed through the implementation of an MS4 permit or a locally adopted watershed management study and are determined by the district or locality to be necessary to prevent any further degradation to water resources, to address total maximum daily load requirements, to protect exceptional state waters, or to address specific existing water pollution including nutrient and sediment loadings, stream channel erosion, depleted groundwater resources, or excessive localized flooding within the watershed and that prior to adopting more stringent regulations or ordinances, a public hearing is held after giving due notice. The VESCP authority shall report to the Board when more stringent stormwater management regulations or ordinances are determined to be necessary pursuant to this section. However, this section shall not be construed to authorize any district or locality to impose any more stringent regulations for plan approval or permit issuance than those specified in §§ 62.1-44.15:55 and 62.1-44.15:57.

B. Any provisions of an erosion and sediment control program in existence before July 1, 2012, that contains more stringent provisions than this article shall be exempt from the analysis requirements of subsection A.

§ 62.1-44.15:66. No limitation on authority Department of Mines, Minerals and Energy.

The provisions of this article shall not limit the powers or duties of the Department of Mines, Minerals and Energy as they relate to strip mine reclamation under Chapters 16 (§ 45.1-180 et seq.), 17 (§ 45.1-198 et seq.), and 19 (§ 45.1-226 et seq.) of Title 45.1 or oil or gas exploration under the Virginia Gas and Oil Act (§ 45.1-361.1 et seq.).

Article 2.5.

Chesapeake Bay Preservation Act.

§ 62.1-44.15:67. Cooperative state-local program.

A. Healthy state and local economies and a healthy Chesapeake Bay are integrally related; balanced economic development and water quality protection are not mutually exclusive. The protection of the public interest in the Chesapeake Bay, its tributaries, and other state waters and the promotion of the general welfare of the people of the Commonwealth require that (i) the counties, cities, and towns of Tidewater Virginia incorporate general water quality protection measures into their comprehensive

plans, zoning ordinances, and subdivision ordinances; (ii) the counties, cities, and towns of Tidewater Virginia establish programs, in accordance with criteria established by the Commonwealth, that define and protect certain lands, hereinafter called Chesapeake Bay Preservation Areas, which if improperly developed may result in substantial damage to the water quality of the Chesapeake Bay and its tributaries; (iii) the Commonwealth make its resources available to local governing bodies by providing financial and technical assistance, policy guidance, and oversight when requested or otherwise required to carry out and enforce the provisions of this chapter; and (iv) all agencies of the Commonwealth exercise their delegated authority in a manner consistent with water quality protection provisions of local comprehensive plans, zoning ordinances, and subdivision ordinances when it has been determined that they comply with the provisions of this chapter.

B. Local governments have the initiative for planning and for implementing the provisions of this article, and the Commonwealth shall act primarily in a supportive role by providing oversight for local governmental programs, by establishing criteria as required by this chapter, and by providing those resources necessary to carry out and enforce the provisions of this chapter.

§ 62.1-44.15:68. Definitions.

For the purposes of this article, the following words shall have the meanings respectively ascribed to them:

"Chesapeake Bay Preservation Area" means an area delineated by a local government in accordance with criteria established pursuant to § 62.1-44.15:72.

"Criteria" means criteria developed by the Board pursuant to § 62.1-44.15:72 for the purpose of determining the ecological and geographic extent of Chesapeake Bay Preservation Areas and for use by local governments in permitting, denying, or modifying requests to rezone, subdivide, or use and develop land in Chesapeake Bay Preservation Areas.

"Department" means the Department of Environmental Quality.

"Director" means the Director of the Department of Environmental Quality.

"Secretary" means the Secretary of Natural Resources.

"Tidewater Virginia" means the following jurisdictions:

The Counties of Accomack, Arlington, Caroline, Charles City, Chesterfield, Essex, Fairfax, Gloucester, Hanover, Henrico, Isle of Wight, James City, King and Queen, King George, King William, Lancaster, Mathews, Middlesex, New Kent, Northampton, Northumberland, Prince George, Prince William, Richmond, Spotsylvania, Stafford, Surry, Westmoreland, and York, and the Cities of Alexandria, Chesapeake, Colonial Heights, Fairfax, Falls Church, Fredericksburg, Hampton, Hopewell, Newport News, Norfolk, Petersburg, Poquoson, Portsmouth, Richmond, Suffolk, Virginia Beach, and Williamsburg.

§ 62.1-44.15:69. Powers and duties of the Board.

The Board is responsible for carrying out the purposes and provisions of this article and is authorized to:

1. Provide land use and development and water quality protection information and assistance to the various levels of local, regional, and state government within the Commonwealth.

2. Consult, advise, and coordinate with the Governor, the Secretary, the General Assembly, other state agencies, regional agencies, local governments, and federal agencies for the purpose of implementing this chapter.

3. Provide financial and technical assistance and advice to local governments and to regional and state agencies concerning aspects of land use and development and water quality protection pursuant to this chapter.

4. Promulgate regulations pursuant to the Administrative Process Act (§ 2.2-4000 et seq.).

5. Develop, promulgate, and keep current the criteria required by § 62.1-44.15:72.

6. Provide technical assistance and advice or other aid for the development, adoption, and implementation of local comprehensive plans, zoning ordinances, subdivision ordinances, and other land use and development and water quality protection measures utilizing criteria established by the Board to carry out the provisions of this chapter.

7. Develop procedures for use by local governments to designate Chesapeake Bay Preservation Areas in accordance with the criteria developed pursuant to § 62.1-44.15:72.

8. Ensure that local government comprehensive plans, zoning ordinances, and subdivision ordinances are in accordance with the provisions of this chapter. Determination of compliance shall be in accordance with the provisions of the Administrative Process Act (§ 2.2-4000 et seq.).

9. Make application for federal funds that may become available under federal acts and to transmit such funds when applicable to any appropriate person.

10. Take administrative and legal actions to ensure compliance by counties, cities, and towns with the provisions of this chapter including the proper enforcement and implementation of, and continual compliance with, this chapter.

11. Perform such other duties and responsibilities related to the use and development of land and the protection of water quality as the Secretary may assign.

§ 62.1-44.15:70. Exclusive authority of Board to institute legal actions.

The Board shall have the exclusive authority to institute or intervene in legal and administrative actions to ensure compliance by local governing bodies with this chapter and with any criteria or regulations adopted hereunder.

§ 62.1-44.15:71. Program compliance.

Program compliance reviews conducted in accordance with § 62.1-44.15:69 and the regulations associated with this article shall be coordinated where applicable with those being implemented in accordance with the erosion and sediment control and stormwater management provisions of this chapter and associated regulations. The Department may also conduct a comprehensive or partial program compliance review and evaluation of a local government program more frequently than the standard schedule.

Following completion of a compliance review of a local government program, the Department shall provide results and compliance recommendations to the Board in the form of a corrective action agreement should deficiencies be found; otherwise, the Board may find the program compliant. When deficiencies are found, the Board will establish a schedule for the local government to come into compliance. The Board shall provide a copy of its decision to the local government that specifies the deficiencies, actions needed to be taken, and the approved compliance schedule. If the local government has not implemented the necessary compliance actions identified by the Board within 30 days following receipt of the corrective action agreement, or such additional period as is granted to complete the implementation of the compliance actions, then the Board shall have the authority to issue a special order to any local government imposing a civil penalty not to exceed \$5,000 per day with the maximum amount not to exceed \$20,000 per violation for noncompliance with the state program, to be paid into the state treasury and deposited in the Virginia Stormwater Management Fund established by § 62.1-44.15:29.

The Administrative Process Act (§ 2.2-4000 et seq.) shall govern the activities and proceedings of the Board under this article and the judicial review thereof.

In lieu of issuing a special order, the Board is also authorized to take legal action against a local government to ensure compliance.

§ 62.1-44.15:72. Board to develop criteria.

A. In order to implement the provisions of this article and to assist counties, cities, and towns in regulating the use and development of land and in protecting the quality of state waters, the Board shall promulgate regulations that establish criteria for use by local governments to determine the ecological and geographic extent of Chesapeake Bay Preservation Areas. The Board shall also promulgate regulations that establish criteria for use by local governments in granting, denying, or modifying requests to rezone, subdivide, or use and develop land in these areas.

B. In developing and amending the criteria, the Board shall consider all factors relevant to the protection of water quality from significant degradation as a result of the use and development of land. The criteria shall incorporate measures such as performance standards, best management practices, and various planning and zoning concepts to protect the quality of state waters while allowing use and development of land consistent with the provisions of this chapter. The criteria adopted by the Board, operating in conjunction with other state water quality programs, shall encourage and promote (i) protection of existing high quality state waters and restoration of all other state waters to a condition or quality that will permit all reasonable public uses and will support the propagation and growth of all aquatic life, including game fish, which might reasonably be expected to inhabit them; (ii) safeguarding the clean waters of the Commonwealth from pollution; (iii) prevention of any increase in pollution; (iv) reduction of existing pollution; and (v) promotion of water resource conservation in order to provide for the health, safety, and welfare of the present and future citizens of the Commonwealth.

C. Prior to the development or amendment of criteria, the Board shall give due consideration to, among other things, the economic and social costs and benefits which can reasonably be expected to obtain as a result of the adoption or amendment of the criteria.

D. In developing such criteria the Board may consult with and obtain the comments of any federal, state, regional, or local agency that has jurisdiction by law or special expertise with respect to the use and development of land or the protection of water. The Board shall give due consideration to the comments submitted by such federal, state, regional, or local agencies.

E. Effective July 1, 2014, requirements promulgated under this article directly related to compliance with the erosion and sediment control and stormwater management provisions of this chapter and regulated under the authority of those provisions shall cease to have effect.

§ 62.1-44.15:73. Local government authority.

Counties, cities, and towns are authorized to exercise their police and zoning powers to protect the

quality of state waters consistent with the provisions of this article.

§ 62.1-44.15:74. Local governments to designate Chesapeake Bay Preservation Areas; incorporate into local plans and ordinances; impose civil penalties.

A. Counties, cities, and towns in Tidewater Virginia shall use the criteria developed by the Board to determine the extent of the Chesapeake Bay Preservation Area within their jurisdictions. Designation of Chesapeake Bay Preservation Areas shall be accomplished by every county, city, and town in Tidewater Virginia not later than 12 months after adoption of criteria by the Board.

B. Counties, cities, and towns in Tidewater Virginia shall incorporate protection of the quality of state waters into each locality's comprehensive plan consistent with the provisions of this article.

C. All counties, cities, and towns in Tidewater Virginia shall have zoning ordinances that incorporate measures to protect the quality of state waters in the Chesapeake Bay Preservation Areas consistent with the provisions of this article. Zoning in Chesapeake Bay Preservation Areas shall comply with all criteria set forth in or established pursuant to § 62.1-44.15:72.

D. Counties, cities, and towns in Tidewater Virginia shall incorporate protection of the quality of state waters in Chesapeake Bay Preservation Areas into their subdivision ordinances consistent with the provisions of this article. Counties, cities, and towns in Tidewater Virginia shall ensure that all subdivisions developed pursuant to their subdivision ordinances comply with all criteria developed by the Board.

E. In addition to any other remedies which may be obtained under any local ordinance enacted to protect the quality of state waters in Chesapeake Bay Preservation Areas, counties, cities, and towns in Tidewater Virginia may incorporate the following penalties into their zoning, subdivision, or other ordinances:

1. Any person who (i) violates any provision of any such ordinance or (ii) violates or fails, neglects, or refuses to obey any local governmental body's or official's final notice, order, rule, regulation, or variance or permit condition authorized under such ordinance shall, upon such finding by an appropriate circuit court, be assessed a civil penalty not to exceed \$5,000 for each day of violation. Such civil penalties may, at the discretion of the court assessing them, be directed to be paid into the treasury of the county, city, or town in which the violation occurred for the purpose of abating environmental damage to or restoring Chesapeake Bay Preservation Areas therein, in such a manner as the court may direct by order, except that where the violator is the county, city, or town itself, or its agent, the court shall direct the penalty to be paid into the state treasury.

2. With the consent of any person who (i) violates any provision of any local ordinance related to the protection of water quality in Chesapeake Bay Preservation Areas or (ii) violates or fails, neglects, or refuses to obey any local governmental body's or official's notice, order, rule, regulation, or variance or permit condition authorized under such ordinance, the local government may provide for the issuance of an order against such person for the one-time payment of civil charges for each violation in specific sums, not to exceed \$10,000 for each violation. Such civil charges shall be paid into the treasury of the county, city, or town in which the violation occurred for the purpose of abating environmental damage to or restoring Chesapeake Bay Preservation Areas therein, except that where the violator is the county, city, or town itself, or its agent, the civil charges shall be paid into the state treasury. Civil charges shall be in lieu of any appropriate civil penalty that could be imposed under subdivision 1. Civil charges may be in addition to the cost of any restoration required or ordered by the local governmental body or official.

F. Localities that are subject to the provisions of this article may by ordinance adopt an appeal period for any person aggrieved by a decision of a board that has been established by the locality to hear cases regarding ordinances adopted pursuant to this article. The ordinance shall allow the aggrieved party a minimum of 30 days from the date of such decision to appeal the decision to the circuit court.

§ 62.1-44.15:75. Local governments outside of Tidewater Virginia may adopt provisions.

Any local government, although not a part of Tidewater Virginia, may employ the criteria developed pursuant to § 62.1-44.15:72 and may incorporate protection of the quality of state waters into their comprehensive plans, zoning ordinances, and subdivision ordinances consistent with the provisions of this article.

§ 62.1-44.15:76. Local government requirements for water quality protection.

Local governments shall employ the criteria promulgated by the Board to ensure that the use and development of land in Chesapeake Bay Preservation Areas shall be accomplished in a manner that protects the quality of state waters consistent with the provisions of this article.

§ 62.1-44.15:77. Effect on other governmental authority.

The authorities granted herein are supplemental to other state, regional, and local governmental authority. No authority granted to a local government by this article shall affect in any way the authority of the Board. No authority granted to a local government by this article shall limit in any way

any other planning, zoning, or subdivision authority of that local government.

§ 62.1-44.15:78. State agency consistency.

All agencies of the Commonwealth shall exercise their authorities under the Constitution and laws of Virginia in a manner consistent with the provisions of comprehensive plans, zoning ordinances, and subdivision ordinances that comply with §§ 62.1-44.15:74 and 62.1-44.15:75.

§ 62.1-44.15:79. Vested rights protected.

The provisions of this article shall not affect vested rights of any landowner under existing law.

§ 62.1-44.19:13. Definitions.

As used in this article, unless the context requires a different meaning:

"Annual mass load of total nitrogen" (expressed in pounds per year) means the daily total nitrogen concentration (expressed as mg/L to the nearest 0.01 mg/L) multiplied by the flow volume of effluent discharged during the 24-hour period (expressed as MGD to the nearest 0.01 MGD), multiplied by 8.34 and rounded to the nearest whole number to convert to pounds per day (lbs/day) units, then totaled for the calendar month to convert to pounds per month (lbs/mo) units, and then totaled for the calendar year to convert to pounds per year (lbs/yr) units.

"Annual mass load of total phosphorus" (expressed in pounds per year) means the daily total phosphorus concentration (expressed as mg/L to the nearest 0.01mg/L) multiplied by the flow volume of effluent discharged during the 24-hour period (expressed as MGD to the nearest 0.01 MGD) multiplied by 8.34 and rounded to the nearest whole number to convert to pounds per day (lbs/day) units, then totaled for the calendar month to convert to pounds per month (lbs/mo) units, and then totaled for the calendar year to convert to pounds per year (lbs/yr) units.

"Association" means the Virginia Nutrient Credit Exchange Association authorized by this article.

"Attenuation" means the rate at which nutrients are reduced through natural processes during transport in water.

"Best management practice," "practice," or "BMP" means a structural practice, nonstructural practice, or other management practice used to prevent or reduce nutrient loads associated with stormwater from reaching surface waters or the adverse effects thereof.

"Biological nutrient removal technology" means (i) technology that will achieve an annual average total nitrogen effluent concentration of eight milligrams per liter and an annual average total phosphorus effluent concentration of one milligram per liter, or (ii) equivalent reductions in loads of total nitrogen and total phosphorus through the recycle or reuse of wastewater as determined by the Department.

"Delivered total nitrogen load" means the discharged mass load of total nitrogen from a point source that is adjusted by the delivery factor for that point source.

"Delivered total phosphorus load" means the discharged mass load of total phosphorus from a point source that is adjusted by the delivery factor for that point source.

"Delivery factor" means an estimate of the number of pounds of total nitrogen or total phosphorus delivered to tidal waters for every pound discharged from a permitted facility, as determined by the specific geographic location of the permitted facility, to account for attenuation that occurs during riverine transport between the permitted facility and tidal waters. Delivery factors shall be calculated using the Chesapeake Bay Program watershed model.

"Department" means the Department of Environmental Quality.

"Equivalent load" means 2,300 pounds per year of total nitrogen and 300 pounds per year of total phosphorus at a flow volume of 40,000 gallons per day; 5,700 pounds per year of total nitrogen and 760 pounds per year of total phosphorus at a flow volume of 100,000 gallons per day; and 28,500 pounds per year of total nitrogen and 3,800 pounds per year of total phosphorus at a flow volume of 500,000 gallons per day.

"Facility" means a point source discharging or proposing to discharge total nitrogen or total phosphorus to the Chesapeake Bay or its tributaries. This term does not include confined animal feeding operations, discharges of stormwater, return flows from irrigated agriculture, or vessels.

"General permit" means the general permit authorized by this article.

"MS4" means a municipal separate storm sewer system.

"Nutrient credit" or "credit" means a nutrient reduction that is certified pursuant to this article and expressed in pounds of phosphorus or nitrogen either (i) delivered to tidal waters when the credit is generated within the Chesapeake Bay Watershed or (ii) as otherwise specified when generated in the Southern Rivers watersheds. "Nutrient credit" does not include point source nitrogen credits or point source phosphorus credits as defined in this section.

"Nutrient credit-generating entity" means an entity that generates nonpoint source nutrient credits.

"Permitted facility" means a facility authorized by the general permit to discharge total nitrogen or total phosphorus. For the sole purpose of generating point source nitrogen credits or point source phosphorus credits, "permitted facility" shall also mean the Blue Plains wastewater treatment facility operated by the District of Columbia Water and Sewer Authority.

2497 "Permittee" means a person authorized by the general permit to discharge total nitrogen or total
 2498 phosphorus.

2499 "Point source nitrogen credit" means the difference between (i) the waste load allocation for a
 2500 permitted facility specified as an annual mass load of total nitrogen, and (ii) the monitored annual mass
 2501 load of total nitrogen discharged by that facility, where clause (ii) is less than clause (i), and where the
 2502 difference is adjusted by the applicable delivery factor and expressed as pounds per year of delivered
 2503 total nitrogen load.

2504 "Point source phosphorus credit" means the difference between (i) the waste load allocation for a
 2505 permitted facility specified as an annual mass load of total phosphorus, and (ii) the monitored annual
 2506 mass load of total phosphorus discharged by that facility, where clause (ii) is less than clause (i), and
 2507 where the difference is adjusted by the applicable delivery factor and expressed as pounds per year of
 2508 delivered total phosphorus load.

2509 "State-of-the-art nutrient removal technology" means (i) technology that will achieve an annual
 2510 average total nitrogen effluent concentration of three milligrams per liter and an annual average total
 2511 phosphorus effluent concentration of 0.3 milligrams per liter, or (ii) equivalent load reductions in total
 2512 nitrogen and total phosphorus through recycle or reuse of wastewater as determined by the Department.

2513 "Tributaries" means those river basins for which separate tributary strategies were prepared pursuant
 2514 to § 2.2-218 and includes the Potomac, Rappahannock, York, and James River Basins, and the Eastern
 2515 Coastal Basin, which encompasses the creeks and rivers of the Eastern Shore of Virginia that are west
 2516 of Route 13 and drain into the Chesapeake Bay.

2517 "Waste load allocation" means (i) the water quality-based annual mass load of total nitrogen or
 2518 annual mass load of total phosphorus allocated to individual facilities pursuant to the Water Quality
 2519 Management Planning Regulation (9 VAC 25-720) or its successor, or permitted capacity in the case of
 2520 nonsignificant dischargers; (ii) the water quality-based annual mass load of total nitrogen or annual mass
 2521 load of total phosphorus acquired pursuant to § 62.1-44.19:15 for new or expanded facilities; or (iii)
 2522 applicable total nitrogen or total phosphorus waste load allocations under the Chesapeake Bay total
 2523 maximum daily loads (TMDLs) to restore or protect the water quality and beneficial uses of the
 2524 Chesapeake Bay or its tidal tributaries.

2525 **§ 62.1-44.19:15. New or expanded facilities.**

2526 A. An owner or operator of a new or expanded facility shall comply with the applicable requirements
 2527 of this section as a condition of the facility's coverage under the general permit.

2528 1. An owner or operator of a facility authorized by a Virginia Pollutant Discharge Elimination
 2529 System permit first issued before July 1, 2005, that expands his facility to discharge 100,000 gallons or
 2530 more per day, or an equivalent load directly into tidal waters, or 500,000 gallons or more per day, or an
 2531 equivalent load, directly into nontidal waters shall demonstrate to the Department that he has acquired
 2532 waste load allocations sufficient to offset any increase in his delivered total nitrogen and delivered total
 2533 phosphorus loads resulting from any expansion beyond his waste load allocations or permitted design
 2534 capacity as of July 1, 2005, and will install state-of-the-art nutrient removal technology at the time of
 2535 the expansion.

2536 2. An owner or operator of a facility authorized by a Virginia Pollutant Discharge Elimination
 2537 System permit first issued before July 1, 2005, that expands his facility to discharge 100,000 gallons or
 2538 more per day up to and including 499,999 gallons per day, or an equivalent load, directly into nontidal
 2539 waters, shall demonstrate to the Department that he has acquired waste load allocations sufficient to
 2540 offset any increase in his delivered total nitrogen and delivered total phosphorus loads resulting from
 2541 any expansion beyond his permitted capacity as of July 1, 2005, and will install, at a minimum,
 2542 biological nutrient removal technology at the time of the expansion.

2543 3. An owner or operator of a facility authorized by a Virginia Pollutant Discharge Elimination
 2544 System permit first issued before July 1, 2005, that expands his facility to discharge 40,000 gallons or
 2545 more per day up to and including 99,999 gallons per day, or an equivalent load, directly into tidal or
 2546 nontidal waters, shall demonstrate to the Department that he has acquired waste load allocations
 2547 sufficient to offset any increase in his delivered total nitrogen and delivered total phosphorus loads
 2548 resulting from any expansion beyond his permitted capacity as of July 1, 2005.

2549 4. An owner or operator of a facility authorized by a Virginia Pollutant Discharge Elimination
 2550 System permit first issued on or after July 1, 2005, to discharge 40,000 gallons or more per day, or an
 2551 equivalent load, shall demonstrate to the Department that he has acquired waste load allocations
 2552 sufficient to offset his delivered total nitrogen and delivered total phosphorus loads, and will install (i) at
 2553 a minimum, biological nutrient removal technology at any facility authorized to discharge up to and
 2554 including 99,999 gallons per day, or an equivalent load, directly into tidal and nontidal waters, or up to
 2555 and including 499,999 gallons per day, or an equivalent load, to nontidal waters; and (ii) state-of-the-art
 2556 nutrient removal technology at any facility authorized to discharge 100,000 gallons or more per day, or
 2557 an equivalent load, directly into tidal waters, or 500,000 gallons or more per day, or an equivalent load,

directly into nontidal waters.

5. An owner or operator of a facility treating domestic sewage authorized by a Virginia Pollutant Discharge Elimination System permit with a discharge greater than 1,000 gallons per day up to and including 39,999 gallons per day that has not commenced the discharge of pollutants prior to January 1, 2011, shall demonstrate to the Department that he has acquired waste load allocations sufficient to offset his delivered total nitrogen and delivered total phosphorus loads prior to commencing the discharge, except when the facility is for short-term temporary use only or when treatment of domestic sewage is not the primary purpose of the facility.

B. Waste load allocations required by this section to offset new or increased delivered total nitrogen and delivered total phosphorus loads shall be acquired in accordance with this subsection.

1. Such allocations may be acquired from one or a combination of the following:

a. Acquisition of all or a portion of the waste load allocations or point source nitrogen or point source phosphorus credits from one or more permitted facilities in the same tributary;

b. Acquisition of credits certified by the Board pursuant to § 62.1-44.19:20 or certified by the Soil and Water Conservation Board pursuant to § 10.1-603.15:2. Such best management practices shall achieve reductions beyond those already required by or funded under federal or state law, or the Virginia Chesapeake Bay TMDL Watershed Implementation Plan, and shall be installed in the same tributary in which the new or expanded facility is located and included as conditions of the facility's individual Virginia Pollutant Discharge Elimination System permit;

c. Acquisition of allocations purchased through the Nutrient Offset Fund established pursuant to § 10.1-2128.2; or

d. Acquisition of allocations through such other means as may be approved by the Department on a case-by-case basis.

2. Such allocations or credits shall be provided for a minimum period of five years with each registration under the general permit. This subdivision shall not preclude the Board from adopting longer-term or permanent allocation requirements by regulation.

3. The Board shall give priority to allocations or credits acquired in accordance with subdivisions 1 a, 1 b, and 1 d. The Board shall approve allocations acquired in accordance with subdivision 1 d only after the owner or operator has demonstrated that he has made a good faith effort to acquire sufficient allocations in accordance with subdivisions 1 a, 1 b, and 1 d and that such allocations are not reasonably available taking into account timing, cost, and other relevant factors.

4. Notwithstanding the priority provisions in subdivision 3, the Board may grant a waste load allocation in accordance with subdivision 1 d to an owner or operator of a facility authorized by a Virginia Pollution Abatement permit to land apply domestic sewage if (i) the Virginia Pollution Abatement permit was issued before July 1, 2005; (ii) the waste load allocation does not exceed such facility's permitted design capacity as of July 1, 2005; (iii) the waste treated by the existing facility is going to be treated and discharged pursuant to a Virginia Pollutant Discharge Elimination System permit for a new discharge; and (iv) the owner or operator installs state-of-the-art nutrient removal technology at such facility. Such facilities cannot generate credits or waste load allocations, based upon the removal of land application sites, that can be acquired by other permitted facilities to meet the requirements of this article.

C. Until such time as the Director finds that no allocations are reasonably available in an individual tributary, the general permit shall provide for the acquisition of allocations through payments into the Nutrient Offset Fund established in § 10.1-2128.2. Such payments shall be promptly applied by the Department to achieve equivalent point or nonpoint source reductions in the same tributary beyond those reductions already required by or funded under federal or state law or the Virginia Chesapeake Bay TMDL Watershed Implementation Plan. The general permit shall base the cost of each pound of allocation on (i) the estimated cost of achieving a reduction of one pound of nitrogen or phosphorus at the facility that is securing the allocation, or comparable facility, for each pound of allocation acquired; or (ii) the average cost of reducing two pounds of nitrogen or phosphorus from nonpoint sources in the same tributary for each pound of allocation acquired, whichever is higher. Upon each reissuance of the general permit, the Board may adjust the cost of each pound of allocation based on current costs and cost estimates.

D. The acquisition of nutrient allocations or credits from animal waste-to-energy or animal waste reduction facilities, or the acquisition of such nutrient allocations or credits from entities acting on behalf of such facilities, shall be considered point source allocations or credits for all nutrient trading purposes and shall not be subject to any otherwise applicable nonpoint source trading ratio if the best management practice being used to generate such nutrient allocations or credits is a point source nutrient removal technology. Point source nutrient removal technology shall include animal waste gasification in which lab analysis of the animal waste reveals the concentration of nutrients in the animal waste being fed into the gasifier, and the fate of the nutrients during the animal waste gasification process, is known

and documented using studies such as air emissions tests and ash analyses.

§ 62.1-44.19:20. Nutrient credit certification.

A. *The Board may adopt regulations for the purpose of establishing procedures for the certification of point source nutrient credits except that no certification shall be required for point source nitrogen and point source phosphorus credits generated by point sources regulated under the Watershed General Virginia Pollutant Discharge Elimination System Permit issued pursuant to § 62.1-44.19:14. The Board may shall adopt regulations for the purpose of establishing procedures for the certification of nonpoint source nutrient credits other than (i) point source nitrogen or point source phosphorus credits generated by point sources covered by the general permit issued pursuant to § 62.1-44.19:14 and (ii) nutrient credits certified by the Soil and Water Conservation Board and the Department of Conservation and Recreation pursuant to Article 1.1:1 (§ 10.1-603.15:1 et seq.) of Chapter 6 of Title 10.1. During the promulgation of the regulations, the Board shall consult with the Department of Conservation and Recreation to avoid duplication and to promote consistency where appropriate.*

B. Regulations adopted pursuant to this section shall:

1. Establish procedures for the certification and registration of credits, including:

a. Certifying credits that may be generated from effective nutrient controls or removal practices, including activities associated with the types of facilities or practices historically regulated by the Board, such as water withdrawal and treatment and wastewater collection, treatment, and beneficial reuse; and

b. Certifying credits that may be generated from agricultural and urban stormwater best management practices, use or management of manures, managed turf, land use conversion, stream or wetlands projects, shellfish aquaculture, algal harvesting, and other established or innovative methods of nutrient control or removal, as appropriate;

c. Establishing a process and standards for wetland or stream credits to be converted to nutrient credits. Such process and standards shall only apply to wetland or stream credits that were established after July 1, 2005, and have not been transferred or used. Under no circumstances shall such credits be used for both wetland or stream credit and nutrient credit purposes;

d. Certifying credits from multiple practices that are bundled as a package by the applicant;

e. Prohibiting the certification of credits generated from activities funded by federal or state water quality grant funds other than controls and practices under subdivision B 1 a; however, baseline levels may be achieved through the use of such grants;

f. Establishing a timely and efficient certification process including application requirements, a reasonable application fee schedule not to exceed \$10,000 per application, and review and approval procedures; and

g. Requiring public notification of a proposed nutrient credit-generating entity;

2. Establish credit calculation procedures for proposed credit-generating practices, including the determination of:

a. Baselines for credits certified under subdivision B 1 a in accordance with any applicable provisions of the Virginia Chesapeake Bay TMDL Watershed Implementation Plan or approved TMDLs; and

b. Baselines established for agricultural practices, which shall be those actions necessary to achieve a level of reduction assigned in the Virginia Chesapeake Bay TMDL Watershed Implementation Plan or approved TMDLs as implemented on the tract, field, or other land area under consideration;

c. Baselines for urban practices from new development and redevelopment, which shall be in compliance with postconstruction nutrient loading requirements of the Virginia Stormwater Management Program regulations. Baselines for all other existing development shall be at a level necessary to achieve the reductions assigned in the urban sector in the Virginia Chesapeake Bay TMDL Watershed Implementation Plan or approved TMDLs;

d. Baselines for land use conversion, which shall be based on the pre-conversion land use and the level of reductions assigned in the Virginia Chesapeake Bay TMDL Watershed Implementation Plan or approved TMDLs applicable to that land use;

e. Baselines for other nonpoint source credit-generating practices, which shall be based on the Virginia Chesapeake Bay TMDL Watershed Implementation Plan or approved TMDLs using the best available scientific and technical information;

f. Unless otherwise established by the Board, for certification within the Chesapeake Bay Watershed a credit-generating practice that involves land use conversion, which shall represent controls beyond those in place as of July 1, 2005. For other waters for which a TMDL has been approved, the practice shall represent controls beyond those in place at the time of TMDL approval;

g. Baseline dates for all other credit-generating practices, which shall be based on the Virginia Chesapeake Bay TMDL Watershed Implementation Plan or approved TMDLs; and

h. Credit quantities, which shall be established using the best available scientific and technical information at the time of certification;

3. Provide certification of credits on an appropriate temporal basis, such as annual, term of years, or perpetual, depending on the nature of the credit-generating practice. A credit shall be certified for a term of no less than 12 months;

4. Establish ~~operation and maintenance requirements and associated financial assurance requirements~~ to include alternatives such as requirements to reasonably assure the generation of the credit depending on the nature of the credit-generating activity and use, such as legal instruments for perpetual credits, operation and maintenance requirements, and associated financial assurance requirements. Financial assurance requirements may include letters of credit, escrows, surety bonds, insurance, and where the credits are used or generated by a locality, authority, utility, sanitation district, or permittee operating an MS4 or a point source permitted under this article, its existing tax or rate authority;

5. Establish appropriate reporting requirements;

6. Provide for the ability of the Department to inspect or audit for compliance with the requirements of such regulations;

7. Provide that the option to acquire nutrient credits for compliance purposes shall not eliminate any requirement to comply with local water quality requirements; ~~and~~

8. Establish a credit retirement requirement whereby five percent of nonpoint source credits in the Chesapeake Bay Watershed other than controls and practices under subdivision B 1 a are permanently retired at the time of certification pursuant to this section for the purposes of offsetting growth in unregulated nutrient loads; and

9. Establish such other requirements as the Board deems necessary and appropriate.

C. Prior to the adoption of such regulations, the Board shall certify credits that may be generated from effective nutrient controls or removal practices, including activities associated with the types of facilities or practices historically regulated by the Board, such as water withdrawal and treatment and wastewater collection, treatment, and beneficial reuse, on a case-by-case basis using the best available scientific and technical information.

D. The Department shall establish and maintain an online Virginia Nutrient Credit Registry of credits as follows:

1. The registry shall include all nonpoint source credits certified pursuant to this article and may include point source nitrogen and point source phosphorus credits generated from point sources covered by the general permit issued pursuant to § 62.1-44.19:14 or point source nutrient credits certified pursuant to this section at the option of the owner. No other credits shall be valid for compliance purposes.

2. Registration of credits on the registry shall not preclude or restrict the right of the owner of such credits from transferring the credits on such commercial terms as may be established by and between the owner and the regulated or unregulated party acquiring the credits.

3. The Department shall establish procedures for the listing and tracking of credits on the registry, including but not limited to (i) notification of the availability of new nutrient credits to the locality where the credit-generating practice is implemented at least five business days prior to listing on the registry to provide the locality an opportunity to acquire such credits at fair market value for compliance purposes and (ii) notification that the listing of credits on the registry does not constitute a representation by the Board or the owner that the credits will satisfy the specific regulatory requirements applicable to the prospective user's intended use and that the prospective user is encouraged to contact the Board for technical assistance to identify limitations, if any, applicable to the intended use.

4. The registry shall be publicly accessible without charge.

E. The owner or operator of a nonpoint source nutrient credit-generating entity that fails to comply with the provisions of this section shall be subject to the enforcement and penalty provisions of § 62.1-44.19:22.

F. Nutrient credits from stormwater nonpoint nutrient credit-generating facilities in receipt of a Nonpoint Nutrient Offset Authorization for Transfer letter from the Department prior to July 1, 2012, shall be considered certified nutrient credits and shall not be subject to further certification requirements or to the credit retirement requirement under subdivision B 8. However, such facilities shall be subject to the other provisions of this article, including registration, inspection, reporting, and enforcement.

§ 62.1-44.19:21. Nutrient credit use by regulated entities.

A. An MS4 permittee may acquire, use, and transfer nutrient credits for purposes of compliance with any waste load allocations established as effluent limitations in an MS4 permit issued pursuant to § 62.1-44.15:25. Such method of compliance may be approved by the Department following review of a compliance plan submitted by the permittee that includes the use of nutrient credits. The permittee may use such credits for compliance purposes only if (i) the credits, whether annual, term, or perpetual, are generated and applied for purposes of compliance for the same calendar year; (ii) the credits are

2741 acquired no later than a date following the calendar year in which the credits are applied as specified
 2742 by the Department consistent with the permittee's Virginia Stormwater Management Program (VSMP)
 2743 permit annual report deadline under such permit; (iii) the credits are generated in the same locality or
 2744 tributary, except that permittees in the Eastern Coastal Basin may also acquire credits from the
 2745 Potomac and Rappahannock tributaries; and (iv) the credits either are point source nitrogen or point
 2746 source phosphorus credits generated by point sources covered by the general permit issued pursuant to
 2747 § 62.1-44.19:14, or are certified pursuant to § 62.1-44.19:20. An MS4 permittee may enter into an
 2748 agreement with one or more other MS4 permittees within the same locality or within the same or
 2749 adjacent eight-digit hydrologic unit code to collectively meet the sum of any waste load allocations in
 2750 their permits. Such permittees shall submit to the Department for approval a compliance plan to achieve
 2751 their aggregate permit waste load allocations.

2752 B. Those applicants required to comply with water quality requirements for land-disturbing activities
 2753 operating under a General VSMP Permit for Discharges of Stormwater from Construction Activities or
 2754 a Construction Individual Permit may acquire and use perpetual nutrient credits certified and registered
 2755 on the Virginia Nutrient Credit Registry in accordance with § 62.1-44.15:35.

2756 C. Confined animal feeding operations issued permits pursuant to this chapter may acquire, use, and
 2757 transfer credits for compliance with any waste load allocations contained in the provisions of a Virginia
 2758 Pollutant Discharge Elimination System (VPDES) permit. Such method of compliance may be approved
 2759 by the Department following review of a compliance plan submitted by the permittee that includes the
 2760 use of nutrient credits.

2761 D. Facilities registered under the Industrial Stormwater General Permit issued pursuant to this
 2762 chapter may acquire, use, and transfer credits for compliance with any waste load allocations
 2763 established as effluent limitations in a VPDES permit. Such method of compliance may be approved by
 2764 the Department following review of a compliance plan submitted by the permittee that includes the use
 2765 of nutrient credits.

2766 E. Public notice of each compliance plan submitted for approval pursuant to this section shall be
 2767 given by the Department.

2768 F. This section shall not be construed to limit or otherwise affect the authority of the Board to
 2769 establish and enforce more stringent water quality-based effluent limitations for total nitrogen or total
 2770 phosphorus in permits where those limitations are necessary to protect local water quality. The
 2771 exchange or acquisition of credits pursuant to this article shall not affect any requirement to comply
 2772 with such local water quality-based limitations.

2773 **§ 62.1-44.19:22. Enforcement and penalties.**

2774 A. Transfer of certified nutrient credits by an operator of a nutrient credit-generating entity may be
 2775 suspended by the Department until such time as the operator comes into compliance with this article
 2776 and attendant regulations.

2777 B. Any operator of a nutrient credit-generating entity who violates any provision of this article, or of
 2778 any regulations adopted hereunder, shall be subject to a civil penalty not to exceed \$10,000 within the
 2779 discretion of the court. The Department may issue a summons for collection of the civil penalty, and the
 2780 action may be prosecuted in the appropriate circuit court. When the penalties are assessed by the court
 2781 as a result of a summons issued by the Department, the court shall direct the penalty to be paid into the
 2782 state treasury and deposited by the State Treasurer into the Virginia Stormwater Management Fund
 2783 established pursuant to § 62.1-44.15:29.

2784 **§ 62.1-44.19:23. Appeals.**

2785 Any person applying to establish a nutrient credit-generating entity or an operator of a nutrient
 2786 credit-generating entity aggrieved by any action of the Department taken in accordance with this
 2787 section, or by inaction of the Department, shall have the right to review in accordance with the
 2788 provisions of the Administrative Process Act (§ 2.2-4000 et seq.).

2789 **§ 62.1-44.23. Enforcement by injunction, etc.**

2790 Any person violating or failing, neglecting or refusing to obey any rule, regulation, order, water
 2791 quality standard, pretreatment standard, or requirement of or any provision of any certificate issued by
 2792 the Board, or by the owner of a publicly owned treatment works issued to an industrial user, or any
 2793 provisions of this chapter, except as provided by a separate article, may be compelled in a proceeding
 2794 instituted in any appropriate court by the Board to obey same and to comply therewith by injunction,
 2795 mandamus or other appropriate remedy.

2796 **§ 62.1-44.32. Penalties.**

2797 (a) ~~Any~~ Except as otherwise provided in this chapter, any person who violates any provision of this
 2798 chapter, or who fails, neglects, or refuses to comply with any order of the Board, or order of a court,
 2799 issued as herein provided, shall be subject to a civil penalty not to exceed \$32,500 for each violation
 2800 within the discretion of the court. Each day of violation of each requirement shall constitute a separate
 2801 offense. Such civil penalties shall be paid into the state treasury and deposited by the State Treasurer

into the Virginia Environmental Emergency Response Fund pursuant to Chapter 25 of Title 10.1, excluding penalties assessed for violations of Article 9 (§ 62.1-44.34:8 et seq.) or 10 (§ 62.1-44.34:10 et seq.) of Chapter 3.1 of Title 62.1, or a regulation, administrative or judicial order, or term or condition of approval relating to or issued under those articles.

Such civil penalties may, in the discretion of the court assessing them, be directed to be paid into the treasury of the county, city, or town in which the violation occurred, to be used for the purpose of abating environmental pollution therein in such manner as the court may, by order, direct, except that where the owner in violation is such county, city or town itself, or its agent, the court shall direct such penalty to be paid into the state treasury and deposited by the State Treasurer into the Virginia Environmental Emergency Response Fund pursuant to Chapter 25 of Title 10.1, excluding penalties assessed for violations of Article 9 or 10 of Chapter 3.1 of Title 62.1, or a regulation, administrative or judicial order, or term or condition of approval relating to or issued under those articles.

In the event that a county, city, or town, or its agent, is the owner, such county, city, or town, or its agent, may initiate a civil action against any user or users of a waste water treatment facility to recover that portion of any civil penalty imposed against the owner proximately resulting from the act or acts of such user or users in violation of any applicable federal, state, or local requirements.

(b) ~~Any~~ *Except as otherwise provided in this chapter*, any person who willfully or negligently violates any provision of this chapter, any regulation or order of the Board, any condition of a certificate or any order of a court shall be guilty of a misdemeanor punishable by confinement in jail for not more than 12 months and a fine of not less than \$2,500 nor more than \$32,500, either or both. Any person who knowingly violates any provision of this chapter, any regulation or order of the Board, any condition of a certificate or any order of a court issued as herein provided, or who knowingly makes any false statement in any form required to be submitted under this chapter or knowingly renders inaccurate any monitoring device or method required to be maintained under this chapter, shall be guilty of a felony punishable by a term of imprisonment of not less than one year nor more than three years, or in the discretion of the jury or the court trying the case without a jury, confinement in jail for not more than 12 months and a fine of not less than \$5,000 nor more than \$50,000 for each violation. Any defendant that is not an individual shall, upon conviction of a violation under this subsection, be sentenced to pay a fine of not less than \$10,000. Each day of violation of each requirement shall constitute a separate offense.

(c) ~~Any~~ *Except as otherwise provided in this chapter*, any person who knowingly violates any provision of this chapter, and who knows at that time that he thereby places another person in imminent danger of death or serious bodily harm, shall, upon conviction, be guilty of a felony punishable by a term of imprisonment of not less than two years nor more than 15 years and a fine of not more than \$250,000, either or both. A defendant that is not an individual shall, upon conviction of a violation under this subsection, be sentenced to pay a fine not exceeding the greater of \$1 million or an amount that is three times the economic benefit realized by the defendant as a result of the offense. The maximum penalty shall be doubled with respect to both fine and imprisonment for any subsequent conviction of the same person under this subsection.

(d) Criminal prosecution under this section shall be commenced within three years of discovery of the offense, notwithstanding the limitations provided in any other statute.

§ 62.1-44.44. Construction of chapter.

(a) ~~Nothing in this chapter shall be construed as superseding any provisions of Chapter 5 of Title 10.1, or as limiting or affecting any powers, duties or responsibilities conferred or imposed heretofore or hereafter on the Virginia Soil and Water Conservation Board.~~

(b) ~~Nothing in this chapter shall be construed as altering, or as authorizing any alteration of, any existing riparian rights or other vested rights in water or water use.~~

§ 62.1-73. Appointment and removal of Virginia members of Commission.

In pursuance of Article IV of said compact there shall be three members of the Ohio River Valley Water Sanitation Commission from Virginia. ~~One member~~ *Two members* of the Commission shall be appointed by the Governor, subject to confirmation by the General Assembly, from the membership of the State Water Control Board continued under § 62.1-44.7. The term of the commissioner shall be coincident with that of his term upon the State Water Control Board. Any vacancy in the office of the commissioner shall be filled by appointment by the Governor. The ~~second~~ *third* Virginia member of the Commission shall be the Director of the Department of Environmental Quality. ~~The third Virginia member shall be the Director of the Department of Conservation and Recreation.~~ Any member of the Commission appointed pursuant to this section who cannot be present at a meeting of the Commission, or at any committee or subcommittee of the Commission, may designate any employee of the Department of Environmental Quality, ~~the Department of Conservation and Recreation~~, or a member of the State Water Control Board to attend the meeting and vote on his behalf.

Any commissioner may be removed from office by the Governor.

§ 62.1-195.1. Chesapeake Bay; drilling for oil or gas prohibited.

A. Notwithstanding any other law, a person shall not drill for oil or gas in the waters of the Chesapeake Bay or any of its tributaries. In Tidewater Virginia, as defined in § 40.1-2101 62.1-44.15:68, a person shall not drill for oil or gas in, whichever is the greater distance, as measured landward of the shoreline:

1. Those Chesapeake Bay Preservation Areas, as defined in § 40.1-2101 62.1-44.15:68, which a local government designates as "Resource Protection Areas" and incorporates into its local comprehensive plan. "Resource Protection Areas" shall be defined according to the criteria developed by the Virginia Soil and Water Conservation State Water Control Board pursuant to § 40.1-2107 62.1-44.15:72; or

2. Five hundred feet from the shoreline of the waters of the Chesapeake Bay or any of its tributaries.

B. In the event that any person desires to drill for oil or gas in any area of Tidewater Virginia where drilling is not prohibited by the provisions of subsection A, he shall submit to the Department of Mines, Minerals and Energy as part of his application for permit to drill an environmental impact assessment. The environmental impact assessment shall include:

1. The probabilities and consequences of accidental discharge of oil or gas into the environment during drilling, production, and transportation on:

- a. Finfish, shellfish, and other marine or freshwater organisms;
- b. Birds and other wildlife that use the air and water resources;
- c. Air and water quality; and
- d. Land and water resources;

2. Recommendations for minimizing any adverse economic, fiscal, or environmental impacts; and

3. An examination of the secondary environmental effects of induced economic development due to the drilling and production.

C. Upon receipt of an environmental impact assessment, the Department of Mines, Minerals and Energy shall notify the Department of Environmental Quality to coordinate a review of the environmental impact assessment. The Department of Environmental Quality shall:

1. Publish in the Virginia Register of Regulations a notice sufficient to identify the environmental impact assessment and providing an opportunity for public review of and comment on the assessment. The period for public review and comment shall not be less than 30 days from the date of publication;

2. Submit the environmental impact assessment to all appropriate state agencies to review the assessment and submit their comments to the Department of Environmental Quality; and

3. Based upon the review by all appropriate state agencies and the public comments received, submit findings and recommendations to the Department of Mines, Minerals and Energy, within 90 days after notification and receipt of the environmental impact assessment from the Department.

D. The Department of Mines, Minerals and Energy may not grant a permit under § 45.1-361.29 until it has considered the findings and recommendations of the Department of Environmental Quality.

E. The Department of Environmental Quality shall, in conjunction with other state agencies and in conformance with the Administrative Process Act (§ 2.2-4000 et seq.), develop criteria and procedures to assure the orderly preparation and evaluation of environmental impact assessments required by this section.

F. A person may drill an exploratory well or a gas well in any area of Tidewater Virginia where drilling is not prohibited by the provisions of subsection A only if:

1. For directional drilling, the person has the permission of the owners of all lands to be directionally drilled into;

2. The person files an oil discharge contingency plan and proof of financial responsibility to implement the plan, both of which have been filed with and approved by the State Water Control Board. For purposes of this section, the oil discharge contingency plan shall comply with the requirements set forth in § 62.1-44.34:15. The Board's regulations governing the amount of any financial responsibility required shall take into account the type of operation, location of the well, the risk of discharge or accidental release, the potential damage or injury to state waters or sensitive natural resource features or the impairment of their beneficial use that may result from discharge or release, the potential cost of containment and cleanup, and the nature and degree of injury or interference with general health, welfare and property that may result from discharge or accidental release;

3. All land-disturbing activities resulting from the construction and operation of the permanent facilities necessary to implement the contingency plan and the area within the berm will be located outside of those areas described in subsection A;

4. The drilling site is stabilized with boards or gravel or other materials which will result in minimal amounts of runoff;

5. Persons certified in blowout prevention are present at all times during drilling;

6. Conductor pipe is set as necessary from the surface;

7. Casing is set and pressure grouted from the surface to a point at least 2500 feet below the surface

or 300 feet below the deepest known ground water, as defined in § 62.1-255, for a beneficial use, as defined in § 62.1-10, whichever is deeper;

8. Freshwater-based drilling mud is used during drilling;

9. There is no onsite disposal of drilling muds, produced contaminated fluids, waste contaminated fluids or other contaminated fluids;

10. Multiple blow-out preventers are employed; and

11. The person complies with all requirements of Chapter 22.1 (§ 45.1-361.1 et seq.) of Title 45.1 and regulations promulgated thereunder.

G. The provisions of subsection A and subdivisions F 1 and 4 through 9 shall be enforced consistent with the requirements of Chapter 22.1 (§ 45.1-361.1 et seq.) of Title 45.1.

H. In the event that exploration activities in Tidewater Virginia result in a finding by the Director of the Department of Mines, Minerals and Energy that production of commercially recoverable quantities of oil is likely and imminent, the Director of the Department of Mines, Minerals and Energy shall notify the Secretary of Commerce and Trade and the Secretary of Natural Resources. At that time, the Secretaries shall develop a joint report to the Governor and the General Assembly assessing the environmental risks and safeguards; transportation issues; state-of-the-art oil production well technology; economic impacts; regulatory initiatives; operational standards; and other matters related to the production of oil in the region. No permits for oil production wells shall be issued until (i) the Governor has had an opportunity to review the report and make recommendations, in the public interest, for legislative and regulatory changes, (ii) the General Assembly, during the next upcoming regular session, has acted on the Governor's recommendations or on its own initiatives, and (iii) any resulting legislation has become effective. The report by the Secretaries and the Governor's recommendations shall be completed within 18 months of the findings of the Director of the Department of Mines, Minerals and Energy.

§ 62.1-229.4. Loans for stormwater runoff control best management practices.

Loans may be made from the Fund, in the Board's discretion, to a local government for the purpose of constructing facilities or structures or implementing other best management practices that reduce or prevent pollution of state waters caused by stormwater runoff from impervious surfaces. The Board, in consultation with the Department of Conservation and Recreation, shall develop guidelines for the administration of such loans and shall determine the terms and conditions of any loan from the Fund. Unless otherwise required by law, loans for such facilities, structures, and other best management practices may be made only when loan requests for eligible wastewater treatment facilities designed to meet the water quality standards established pursuant to § 62.1-44.15 have first been satisfied. The Board shall give priority (i) first to local governments that have adopted a stormwater control program in accordance with § 15.2-2114, (ii) second to projects designed to reduce or prevent a pollutant in a water body where the water body is in violation of water quality standards established pursuant to § 62.1-44.15, (iii) third to local governments subject to an MS4 discharge permit issued by the Board in accordance with § 10.1-603.2:2 62.1-44.15:20, (iv) fourth to local governments that have adopted a stormwater management program in accordance with Article 1-1 (§ 10.1-603.1 et seq.) of Chapter 6 of Title 10.1 the stormwater management provisions of the State Water Control Law (§ 62.1-44.2 et seq.), and (v) fifth to all others.

2. That Article 4 of Chapter 5 (§§ 10.1-560 through 10.1-571), Articles 1.1 and 1.1:1 (§§ 10.1-603.1 through 10.1-603.15:5) of Chapter 6, and Chapter 21 (§§ 10.1-2100 through 10.1-2115) of Title 10.1 of the Code of Virginia are repealed.

3. That the provisions of § 10.1-504, as amended by this act, shall not be construed to affect existing appointments for which the terms have not expired. However, any new appointments or appointments to fill vacancies made after the effective date of this act shall be made in accordance with the provisions of this act.

4. That § 62.1-44.15:36 as created by this act shall be repealed upon the effective date of a statewide permit fee schedule pursuant to § 10.1-603.4 by the Virginia Soil and Water Conservation Board prior to July 1, 2013, or pursuant to § 62.1-44.15:28, as added by this act, by the State Water Control Board on or after July 1, 2013, whichever occurs sooner.

5. That the transfer of the responsibility for administering the issuance of national pollutant discharge elimination system permits for the control of stormwater discharges shall become effective on July 1, 2013, or upon the U.S. Environmental Protection Agency's rescission of authorization for delegation of program authority to the Virginia Soil and Water Conservation Board, whichever occurs later.

6. That upon the Governor's approval of the provisions of this act, the Department of Environmental Quality shall seek the U.S. Environmental Protection Agency's rescission of authorization for delegation of program authority to the Virginia Soil and Water Conservation Board to return delegation of program authority to the State Water Control Board for the

issuance of the national pollutant discharge elimination system permits for the control of stormwater discharges for MS4 and construction activities under the federal Clean Water Act. Permits issued by the Virginia Soil and Water Conservation Board or a Virginia Erosion and Sediment Control Program authority or a Virginia Stormwater Management Program authority acting under the Virginia Soil and Water Conservation Board's authority that have not expired or been revoked or terminated before or on the program transfer date shall continue to remain in full force and effect until their specified expiration dates.

7. That the regulations adopted by the Virginia Soil and Water Conservation Board to administer and implement the Virginia Stormwater Management Act (§ 10.1-603.1 et seq. of the Code of Virginia), the Erosion and Sediment Control Law (§ 10.1- 560 et seq. of the Code of Virginia), and the Chesapeake Bay Preservation Act (§ 10.1- 2100 et seq. of the Code of Virginia) are transferred from the Virginia Soil and Water Conservation Board to the State Water Control Board, and the State Water Control Board may amend, modify, or delete provisions in these regulations in order to implement this act. Such regulations shall remain in full force and effect until altered, amended, or rescinded by the State Water Control Board.

8. That the initial actions of the State Water Control Board to adopt, with necessary amendments, the regulations implementing the programs being transferred by this act from the Virginia Soil and Water Conservation Board to the State Water Control Board shall be exempt from Article 2 (§ 2.2-4006 et seq.) of Chapter 40 of Title 2.2 of the Code of Virginia. After transfer of the programs, if the State Water Control Board determines that additional amendments to the regulations are necessary solely to enable implementation of the programs in accordance with this act, the regulatory actions necessary shall be exempt from Article 2 (§ 2.2-4006 et seq.) of Chapter 40 of Title 2.2 of the Code of Virginia, except that the Department of Environmental Quality shall provide an opportunity for public comment on the regulatory actions.

9. That any regulatory action initiated by the Virginia Soil and Water Conservation Board to amend the programs being transferred by this act may be continued by the State Water Control Board at the time of the program transfer and that the State Water Control Board shall act expeditiously to address all such actions.

10. That the full-time employees and the total maximum employment level employed in the administration of the programs being transferred by this act shall be transferred from the Department of Conservation and Recreation to the Department of Environmental Quality. The Department of Conservation and Recreation is directed to transfer to the Department of Environmental Quality all appropriations, including special funds, for programs identified for transfer by this act. The Department of Environmental Quality is authorized to hire additional staff to operate the programs transferred by this act.

11. That 30 days prior to (i) the transfer of any full-time employees and total maximum employment level employed in the administration of the programs being transferred by this act, the Secretary of Natural Resources shall report to the Chairs of the Senate Committee on Finance, the Senate Committee on Agriculture, Conservation and Natural Resources, the House Committee on Appropriations, and the House Committee on Agriculture, Chesapeake and Natural Resources on such transfers and (ii) the transfer of appropriations, including special funds, for programs identified for transfer in this act, the Secretary of Natural Resources shall report on such transfers. By December 1, 2013, the Secretary of Natural Resources shall also report on the process by which the Department of Environmental Quality will distribute funds to local soil and water conservation districts as provided for in § 319 of the federal Clean Water Act and § 6217 of the federal Coastal Zone Management Act.

12. That the Directors of the Departments of Environmental Quality and Conservation and Recreation, the Commissioner of Agriculture and Consumer Services, and members of the Senate Committee on Agriculture, Conservation and Natural Resources and the House Committee on Agriculture, Chesapeake and Natural Resources, appointed by their respective Chairs, shall convene public meetings throughout the Commonwealth to evaluate the role of soil and water conservation districts in providing effective delivery of water quality services and technical assistance. In their deliberations the representatives of the executive branch agencies and legislators shall:

A. Discuss the provisions of this act and its implications and solicit comments from the public and affected parties;

B. Determine the extent of the role soil and water conservation districts should play in providing assistance in delivery of water quality services for nonpoint source pollution management and providing technical assistance for such programs as erosion and sediment control and stormwater management; and

C. Determine whether the mission of soil and water conservation districts is more effectively

3046 delivered under the current statutory framework or whether organizational changes would
3047 enhance the effectiveness and efficiency of the delivery of such services.
3048 13. That guidance of the Department of Conservation and Recreation, the Virginia Soil and
3049 Water Conservation Board, and the former Chesapeake Bay Local Assistance Board relating to
3050 programs to be transferred by this act shall remain in effect until amended or repealed.
3051 14. That the Secretary of Natural Resources, working with the Directors of the Departments of
3052 Environmental Quality and Conservation and Recreation, shall take steps to enhance collaboration
3053 and communication among the natural resources agencies to ensure the effective and efficient
3054 implementation of the Commonwealth's water quality and soil and water conservation programs.