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## HOUSE BILL NO. 1734

## AMENDMENT IN THE NATURE OF A SUBSTITUTE

(Proposed by the House Committee on General Laws  
on January 20, 2011)

(Patron Prior to Substitute—Delegate Carrico)

A BILL to amend and reenact §§ 54.1-2200 through 54.1-2203, 54.1-2205, 54.1-2206, 54.1-2207, and 54.1-2208 of the Code of Virginia and to repeal § 54.1-2204 of the Code of Virginia, relating to professional soil scientists; licensure.

Be it enacted by the General Assembly of Virginia:

1. That §§ 54.1-2200 through 54.1-2203, 54.1-2205, 54.1-2206, 54.1-2207, and 54.1-2208 of the Code of Virginia are amended and reenacted as follows:

§ 54.1-2200. Definitions.

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

"Board" means the Board for Professional Soil Scientists and Wetland Professionals.

"Department" means the Department of Professional and Occupational Regulation.

"Eligible soil scientist" means a person who possesses the qualifications specified in this chapter to become ~~certified~~ *licensed*.

"Eligible wetland professional" means a person who possesses the qualifications specified in this chapter to become certified.

"Practice of soil evaluation" means the evaluation of soil by accepted principles and methods including, but not limited to, observation, investigation, and consultation on measured, observed and inferred soils and their properties; analysis of the effects of these properties on the use and management of various kinds of soil; and preparation of soil descriptions, maps, reports and interpretive drawings.

"Practice of wetland delineation" means the delineation of wetlands by accepted principles and methods including, but not limited to, observation, investigation, and consultation on soil, vegetation, and hydrologic parameters; and preparation of wetland delineations, descriptions, reports and interpretive drawings.

"Soil" means the groups of natural bodies occupying the unconsolidated portion of the earth's surface which are capable of supporting plant life and have properties caused by the combined effects, as modified by topography and time, of climate and living organisms upon parent materials.

"Soil evaluation" means plotting soil boundaries, describing and evaluating the kinds of soil and predicting their suitability for and response to various uses.

"Soil science" means the science dealing with the physical, chemical, mineralogical, and biological properties of soils as natural bodies.

"Soil scientist" means a person having special knowledge of soil science and the methods and principles of soil evaluation as acquired by education and experience in the formation, description and mapping of soils.

"Virginia ~~certified~~ *licensed* professional soil scientist" means a person who possesses the qualifications required for ~~certification~~ *licensure* by the provisions of this chapter and the regulations of the Board and who has been granted ~~certification~~ *a license* by the Board.

"Virginia certified professional wetland delineator" means a person who possesses the qualifications required for certification by the provisions of this chapter and the regulations of the Board and who is granted certification by the Board.

"Wetland delineation" means delineating wetland limits in accordance with prevailing state and federal regulatory guidance and describing wetland types.

"Wetland professional" means a person having special knowledge of wetland science and the methods and principles of wetland delineation as acquired by education and experience in the formation, description and mapping of wetlands.

"Wetland science" means the science dealing with the physical, chemical, and biological properties of wetland systems integrated through ecological and morphological relationships.

"Wetlands" means the same as that term is defined in §§ 62.1-44.3 and 28.2-1300.

§ 54.1-2201. Exceptions.

A. The certification ~~programs~~ *program* for wetland delineation set forth in this chapter ~~are~~ *shall be* voluntary and shall not be construed to prohibit:

1. The practice of ~~soil evaluation~~ *or* wetland delineation by individuals who are not certified ~~soil scientists~~ *or* certified professional wetland delineators as defined in this chapter;

2. The work of an employee ~~or~~ a subordinate of a certified soil scientist ~~or~~ of an individual who is practicing soil evaluation without being certified;

3. The work of an employee or a subordinate of a certified professional wetland delineator or of an

60 individual who is practicing wetland delineation without being certified;

61 4.3. The work of any professional engineer, landscape architect, or land surveyor as defined by  
62 § 54.1-400 in rendering any of the services that constitute the practice of wetland delineation or the  
63 practice of soil evaluation; or

64 5. 4. *The practice of any profession or occupation that is regulated by another regulatory board*  
65 *within the Department.*

66 B. *The licensing program for professional soil scientists shall not be construed to prohibit:*

67 1. *The work of an employee or a subordinate of a licensed soil scientist;*

68 2. *The work of any professional engineer, landscape architect, or land surveyor as defined in*  
69 *§ 54.1-400 in rendering any services that constitute the practice of soil evaluation; or*

70 3. *The practice of any profession or occupation which that is regulated by another regulatory board*  
71 *within the Department of Professional and Occupational Regulation.*

72 C. Nothing in this chapter shall authorize an individual to engage in the practice of engineering, the  
73 practice of land surveying or the practice of landscape architecture, unless such individual is licensed or  
74 certified pursuant to Chapter 4 (§ 54.1-400 et seq.) of this title.

75 § 54.1-2202. Board; membership; quorum.

76 Notwithstanding the provisions of § 54.1-200, the Board for Professional Soil Scientists and Wetland  
77 Professionals shall be composed of seven members as follows: three ~~certified~~ *licensed* professional soil  
78 scientists, three certified professional wetland delineators and one citizen member. The professional soil  
79 scientist members shall have experience in at least one of the following areas; (i) soil mapping and  
80 classification, (ii) soil suitability and land use, (iii) teaching and research in soil science, and (iv)  
81 environmental protection regulations. Of the wetland professional members, one shall have experience in  
82 wetland delineation and description, one shall have experience in teaching and research in wetland  
83 science and one shall have experience with natural resource regulations. For the initial appointments of  
84 the wetland professionals the terms shall be as follows: one member shall serve a term of two years, one  
85 member shall serve a term of three years, and one member shall serve a term of four years. Initial  
86 appointments of wetland professional members to the Board shall not be certified professional wetland  
87 delineators but shall have a record of at least ten years of experience in wetland delineation. Subsequent  
88 terms of the members shall be for four years.

89 The Board shall annually elect a chairman from its membership. Four board members, consisting of  
90 two soil scientists and two professional wetland delineators, shall constitute a quorum.

91 The Governor may select the professional soil scientist members from a list of at least three names  
92 for each vacancy submitted by the Virginia Association of Professional Soil Scientists. The Governor  
93 may notify the Virginia Association of Professional Soil Scientists of any professional vacancy other  
94 than by expiration among the professional soil scientist members of the Board and nominations may be  
95 made for the filling of the vacancy.

96 The Governor may select the wetland professionals from a list of at least three names for each  
97 vacancy submitted by the Virginia Association of Wetland Professionals. The Governor may notify and  
98 request nominations from the Virginia Association of Wetland Professionals of any professional vacancy  
99 other than by expiration among the wetland professional members.

100 § 54.1-2203. Certification as wetland delineator.

101 A. ~~Any person practicing or offering to practice as a soil scientist in the Commonwealth may submit~~  
102 ~~to the Board evidence of qualification to be certified as provided in this chapter. The Board may certify~~  
103 ~~any applicant who has satisfactorily met the requirements of this chapter and its regulations and shall~~  
104 ~~specify on the certificate the appropriate endorsement.~~

105 B. Any person practicing or offering to practice as a wetland professional in the Commonwealth may  
106 submit to the Board evidence of qualification to be a certified professional wetland delineator as  
107 provided in this chapter. The Board may certify any applicant who has satisfactorily met the  
108 requirements of this chapter and its regulations and shall specify on the certificate the appropriate  
109 endorsement.

110 ~~CB.~~ Any individual who allows his certification to lapse by failing to renew the certificate or failing  
111 to meet professional activity requirements stipulated in the regulations may be reinstated by the Board  
112 upon submission of satisfactory evidence that he is practicing in a competent manner and upon payment  
113 of the prescribed fee.

114 § 54.1-2205. License required; application; requirements for licensure; continuing education.

115 A. *No person shall engage in, or offer to engage in, the practice of soil evaluation in the*  
116 *Commonwealth unless he has been licensed under the provisions of this chapter.*

117 B. In order to be ~~certified~~ *licensed* as a professional soil scientist, an applicant shall ~~achieve~~:

118 1. *Submit satisfactory evidence verified by affidavits that the applicant:*

119 a. *Is 18 years of age or older;*

120 b. *Is of good moral character; and*

121 c. *Has successfully completed such educational and experiential requirements as are required by this*

chapter and the regulations of the Board.

2. Achieve a score acceptable to the Board on an examination in the principles and practice of soil evaluation and satisfy one of the following criteria:

1.a. Hold a bachelor's degree from an accredited institution of higher education in a soils curriculum which has been approved by the Board and have at least four years of experience in soil evaluation, the quality of which demonstrates to the Board that the applicant is competent to practice as a professional soil scientist; or

2.b. Hold a bachelor's degree in one of the natural sciences and have at least five years of experience in soil evaluation, the quality of which demonstrates to the Board that the applicant is competent to practice as a professional soil scientist; or

3.c. Have a record of at least eight years of experience in soil evaluation, the quality of which demonstrates to the Board that the applicant is competent to practice as a professional soil scientist; or

4.d. Have at least four years of experience in soil science research or as a teacher of soils curriculum in an accredited institution of higher education which offers an approved four-year program in soils and at least two years of soil evaluation experience, the quality of which demonstrates to the Board that the applicant is competent to practice as a professional soil scientist.

B. Notwithstanding the requirements in subsection A, any person appointed to serve on the Board as a professional soil scientist member prior to July 1, 1991, shall be deemed certified for the purposes of this chapter.

C. The Board shall establish by regulation requirements for continuing education as a prerequisite to renewal of a license issued under this chapter, not to exceed eight contact hours per year.

D. Individuals applying for a license as a professional soil scientist between July 1, 2013, and July 1, 2015, who (i) have been certified as professional soil scientists by the Board or (ii) have achieved a score acceptable to the Board on the examination required by this section shall be licensed by the Board if all other requirements of this chapter or Board regulations have been met, unless an applicant is found by the Board to have engaged in any act that would constitute grounds for disciplinary action.

§ 54.1-2206. Waiver of examination.

A. The Board may waive the requirement for examination pursuant to § 54.1-2205 upon written application from an individual who holds an unexpired certificate or license, or its equivalent, issued by a regulatory body of another state, territory or possession of the United States and is not the subject of any disciplinary proceeding before such regulatory body which could result in the suspension or revocation of his certificate or license, if such other state, territory or possession recognizes the certificate or license issued by the Board.

B. The Board shall waive the requirement for examination pursuant to § 54.1-2206.2 upon the written application from an individual who holds an unexpired certificate or its equivalent issued by a regulatory body of another state, territory or possession of the United States or has been provisionally certified under the U.S. Army Corps of Engineers Wetland Delineator Certification Program of 1993 and is not the subject of any disciplinary proceeding before such regulatory body, which could result in the suspension or revocation of his certificate.

§ 54.1-2207. Unprofessional conduct.

Any professional soil scientist who is licensed or any wetland delineator who is certified, as provided in this chapter, shall be considered guilty of unprofessional conduct and subject to disciplinary action by the Board, if he:

1. Obtains his certification or license through fraud or deceit;

2. Violates or cooperates with others in violating any provision of this chapter, the Code of Professional Ethics and Conduct or any regulation of the Board;

3. Performs any act likely to deceive, defraud or harm the public;

4. Demonstrates gross negligence, incompetence or misconduct in the practice of soil evaluation or wetland delineation; or

5. Is convicted of a felony.

§ 54.1-2208. Unlawful representation as a licensed professional soil scientist or certified wetland delineator.

A. No person shall represent himself as a certified licensed professional soil scientist unless he has been so certified licensed by the Board. Any person practicing or offering to practice soil evaluation within the meaning of this chapter who, through verbal claim, sign, advertisement, or letterhead, represents himself as a certified licensed professional soil scientist without holding such a certificate or license from the Board shall be guilty of a Class 1 misdemeanor.

B. No person shall represent himself as a certified professional wetland delineator unless he has been so certified by the Board. Any person practicing or offering to practice wetland delineation within the meaning of this chapter who, through verbal claim, sign, advertisement, or letterhead, represents himself as a certified professional wetland delineator without holding such a certificate from the Board shall be

183 guilty of a Class 1 misdemeanor.

184 **2. That this act shall not be construed to affect existing professional soil scientist appointments to**  
185 **the Board for Professional Soil Scientists and Wetland Professionals for which the terms have not**  
186 **expired. However, any new appointments made after the effective date of this act shall be made in**  
187 **accordance with the provisions of this act.**

188 **3. That § 54.1-2204 of the Code of Virginia is repealed.**

189 **4. That the provisions of the first and third enactments of this act shall become effective on July**  
190 **1, 2013.**