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## SENATE BILL NO. 1456

Offered January 21, 2011

A BILL to amend and reenact §§ 10.1-605 and 10.1-605.1 of the Code of Virginia and to amend the Code of Virginia by adding a section numbered 10.1-611.2, relating to the Soil and Water Conservation Board; dam safety.

Patron—Hanger

Referred to Committee on Agriculture, Conservation and Natural Resources

**Be it enacted by the General Assembly of Virginia:**

**1. That §§ 10.1-605 and 10.1-605.1 of the Code of Virginia are amended and reenacted and that the Code of Virginia is amended by adding a section numbered 10.1-611.2 as follows:**

§ 10.1-605. Promulgation of regulations by the Board; guidance document.

A. The Board shall adopt regulations to ensure that impounding structures in the Commonwealth are properly and safely constructed, maintained and operated. Dam safety regulations promulgated by the State Water Control Board shall remain in full force until amended in accordance with applicable procedures.

B. The Board's Impounding Structure Regulations shall not require any impounding structure in existence or under a construction permit prior to July 1, 2010, that is currently classified as high hazard, or is subsequently found to be high hazard through reclassification, to upgrade its spillway to pass a rainfall event greater than the maximum recorded within the Commonwealth, which shall be deemed to be 90 percent of the probable maximum precipitation.

~~Additionally, such~~ 1. Such an impounding structure shall be determined to be in compliance with the spillway requirements of the regulations provided that (i) the impounding structure will pass two-thirds of the reduced probable maximum precipitation requirement described in this subsection and (ii) the dam owner certifies annually and by January 15 that such impounding structure meets each of the following conditions:

~~1.a.~~ The owner has a current emergency action plan that is approved by the Board and that is developed and updated in accordance with the regulations;

~~2.b.~~ The owner has exercised the emergency action plan in accordance with the regulations and conducts a table-top exercise at least once every two years;

~~3.c.~~ The Department has verification that both the local organization for emergency management and the Virginia Department of Emergency Management have on file current emergency action plans and updates for the impounding structure;

~~4.d.~~ That conditions at the impounding structure are monitored on a daily basis and as dictated by the emergency action plan;

~~5.e.~~ The impounding structure is inspected at least annually by a professional engineer and all observed deficiencies are addressed within 120 days of such inspection;

~~6.f.~~ The owner has a dam break inundation zone map developed in accordance with the regulations that is acceptable to the Department;

~~7.g.~~ The owner is insured in an amount that will substantially cover the costs of downstream property losses to others that may result from a dam failure; and

~~8.h.~~ The owner shall post the dam's emergency action plan on his website, or upon the request of the owner, the Department or another state agency responsible for providing emergency management services to citizens agrees to post the plan on its website. If the Department or another state agency agrees to post the plan on its website, the owner shall provide the plan in a format suitable for posting.

2. A dam owner who meets the conditions of ~~subdivisions 1~~ subdivisions B 1 a through 8 A 1 h, but has not provided record drawings to the Department for his impounding structure, shall submit a complete record report developed in accordance with the construction permit requirements of the Impounding Structure Regulations, excluding the required submittal of the record drawings.

3. A dam owner who fails to submit certifications required by clauses a through h in a timely fashion shall not enjoy the presumption that such impounding structure is deemed to be in compliance with the spillway requirements of the Board's Impounding Structure Regulations.

4. Any dam owner who has submitted the certifications required by clauses a through h shall make (i) such certifications, (ii) the emergency action plan required by subdivision B 1 a and (iii) the certificate of insurance required by subdivision B 1 g available, upon request and within five business days, to any person. A dam owner may comply with the requirements of this subdivision by providing the same information on a website and directing the requestor to such website. A dam owner who fails

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59 *to comply with this subdivision shall be subject to a civil penalty pursuant to § 10.1-613.2.*

60 C. The Board's regulations shall establish an incremental damage analysis procedure that permits the  
61 spillway design flood requirement for an impounding structure to be reduced to the level at which dam  
62 failure shall not significantly increase downstream hazard to life or property, provided that the spillway  
63 design flood requirement shall not be reduced to below the 100-year flood event for high or significant  
64 hazard impounding structures, or to below the 50-year flood event for low hazard potential impounding  
65 structures.

66 D. The Board shall consider the impact of limited-use or private roadways with low traffic volume  
67 and low public safety risk that are downstream from or across an impounding structure in the  
68 determination of the hazard potential classification of an impounding structure.

69 § 10.1-605.1. Delegation of powers and duties.

70 The Board may delegate to the Director or his designee any of the powers and duties vested in the  
71 Board by this article, except the adoption and promulgation of regulations or the issuance of certificates.  
72 Delegation shall not remove from the Board authority to enforce the provisions of this article. *At each*  
73 *meeting of the Board, the Director shall identify those impounding structures that are currently*  
74 *classified as high hazard and determined not to be in compliance with the spillway requirements of the*  
75 *Board's Impounding Structure Regulations or with statutory presumption provided by subsection B of*  
76 *§ 10.1-605.*

77 § 10.1-611.2. *Project Partnership Agreements with the U.S. Army Corps of Engineers; restriction on*  
78 *receipt of moneys.*

79 *Any dam owner who receives moneys for a dam rehabilitation project for which the state is serving*  
80 *as the nonfederal sponsor under a Project Partnership Agreement with the U.S. Army Corps of*  
81 *Engineers shall convey a conservation easement, as defined by § 10.1-1009, on his real property upon*  
82 *which the dam is located, and any such real property located adjacent to any impoundment created by*  
83 *the dam, to a holder, as defined by § 10.1-1009.*