

March 17, 2009

H 643. AUTHORIZE AQUIFER STORAGE OF RECLAIMED WATER. Filed 3/17/09. *TO AUTHORIZE THE INJECTION OF RECLAIMED WATER INTO AN AQUIFER FOR TEMPORARY STORAGE.*

Enacts a new GS 143-215.1D to authorize that the Secretary of Environment and Natural Resources (Secretary) may issue a permit for the siting, construction, and operation of a reclaimed water aquifer storage and recovery system, with permits issued in accordance with GS 143-215.1 and applicable rules of the Environmental Management Commission (Commission). Requires that the permit specify (1) location and depth at which groundwater is to be injected and (2) design, construction, operation, and well abandonment requirements necessary to ensure that the treated reclaimed water will be captured by the recovery system. Allows the Secretary to impose any additional permits or limitations necessary to specify or limit certain factors and protect the environment, natural resources, or public health. Requires that the Commission adopt rules to implement the statute. Defines *reclaimed water aquifer storage and recovery system* as a system and attendant process for the injection of reclaimed water into an aquifer temporary storage followed by recovery and beneficial reuse of the water.

Amends GS 143.215.1 to include the following in the activities requiring a permit: (1) the construction, use, or operation of any well for recharge, injection, or disposal purposes and (2) the alteration, extension, or change in the construction or method of operation of any injection well. Makes conforming and technical changes. Amends GS 143-214.2(b) to add that the operation of a reclaimed water aquifer and recovery system in accordance with GS 143-215.1D is not included in the prohibition against the discharge of any wastes to the subsurface or groundwaters of the state by means of wells. Makes technical changes.

Amends GS 143-215.3D(a) to (1) set a \$1,310 annual fee for an individual permit for reclaimed water of 10,000 or more gallons per day, (2) set an \$810 annual fee for an individual permit for reclaimed water of less than 10,000 gallons per day, (3) set an \$810 annual fee for an individual permit for an injection well or well system, and (4) add that the \$60 annual fee for a certificate of coverage under a general permit for a point source from a single-family residence also applies to an individual injection well or well system.

Intro. by Tucker.

GS 143

July 23, 2009

H 643. STUDY RECLAIMED WATER (NEW). Filed 3/17/09. House committee substitute makes the following changes to 1st edition. Deletes all provisions of the 1st edition and replaces it with *AN ACT TO AUTHORIZE THE ENVIRONMENTAL REVIEW COMMISSION TO STUDY ISSUES RELATED TO THE USE AND STORAGE OF RECLAIMED WATER.* Allows the Environmental Review Commission (ERC), in consultation with the Department of Environment and Natural Resources (DENR), to study use and storage of reclaimed water. Specifies issues that may be examined. Allows the ERC to make an interim report to the 2010 Regular Session of the General Assembly and a final report to the 2011 General Assembly. Allows DENR and the Department of Administration to study the benefits and costs of state government facilities using reclaimed water. Allows DENR and the Department of Administration to submit an interim report to the ERC by the convening of the 2010 Regular Session of the General Assembly and a final report to the ERC by the convening of the 2011 General Assembly.