

**GENERAL ASSEMBLY OF NORTH CAROLINA  
SESSION 2013**

S

4

**SENATE BILL 515  
Agriculture/Environment/Natural Resources Committee Substitute Adopted 5/14/13  
Third Edition Engrossed 5/15/13  
House Committee Substitute Favorable 7/18/13**

Short Title: Jordan Lake Water Quality Act.

(Public)

---

Sponsors:

---

Referred to:

---

March 28, 2013

A BILL TO BE ENTITLED

1  
2 AN ACT TO DELAY ADDITIONAL IMPLEMENTATION OF THE JORDAN LAKE  
3 RULES AND JORDAN LAKE SESSION LAWS AND PROVIDE FOR ALTERNATIVE  
4 IMPLEMENTATION OF THE PROTECTION OF EXISTING BUFFERS RULE.

5       Whereas, the United States Congress authorized the United States Army Corps of  
6 Engineers (USACE) to create what is now the B. Everett Jordan Lake in 1963; and

7       Whereas, the USACE submitted a Final Environmental Impact Statement (EIS) in  
8 November 1971 that stated, "Of primary concern is the eutrophic tendency of the lake.  
9 Eutrophication is a term used to describe the natural change in productivity of a lake during  
10 aging. It is usually a long-term phenomenon, which may be measured in geologic time ....  
11 Studies have shown that, assuming that all other elements necessary are available, the amounts  
12 of nitrogen and phosphorus presently found in the influent are adequate to produce algae  
13 blooms in the lake."; and

14       Whereas, the USACE stated in the EIS, "Several studies have indicated that the  
15 major water quality problem will be associated with anticipated nuisance algal growths  
16 resulting from excess nutrients from upstream sources."; and

17       Whereas, the United States Environmental Protection Agency (EPA) commented in  
18 the EIS, "Nutrient concentration in both the Haw River and New Hope River are high, and  
19 nuisance algal growth detrimental to water supply and recreation are a virtual certainty ....  
20 Impoundment should not take place until there is a strong technical basis for the prediction that  
21 nuisance algal growths will not occur."; and

22       Whereas, the USACE, in responding to the EPA's comments in the EIS, stated, "...  
23 it is doubtful whether a strong technical basis exists for the prediction that nuisance algal  
24 growths will not occur on most existing reservoirs ...."; and

25       Whereas, the United States Department of the Interior Bureau of Sport Fisheries and  
26 Wildlife commented in the EIS that, "High nutrient concentrations will intensify and extend  
27 water quality problems into the upper surface layers. Therefore, impoundment will create a  
28 pollution problem to the detriment of the ecosystem."; and

29       Whereas, the EIS contained a summary of complaints from pending litigation that  
30 included, "Even in the absence of nutrients from wastes, the shallowness ... would ensure  
31 abnormally heavy algae growths that could not be controlled .... Probably the most serious  
32 deficiency of defendants' environmental statement is its de-emphasis on the certainty that the  
33 water ... will be of exceptionally bad quality."; and



1           Whereas, despite the many inherent challenges of managing the water quality of  
2 Jordan Lake, the General Assembly remains committed to addressing issues that affect the  
3 water quality of the Lake; and

4           Whereas, it is the intent of the General Assembly to continue implementation of  
5 current measures to address water quality issues in Jordan Lake; and

6           Whereas, it is the intent of the General Assembly to temporarily delay additional  
7 implementation of measures to address water quality issues in Jordan Lake in order to allow for  
8 further evaluation of those measures and further exploration of other measures and technologies  
9 to improve the water quality of the Lake; Now, therefore,  
10 The General Assembly of North Carolina enacts:

11  
12 **PART I. DELAY ADDITIONAL IMPLEMENTATION OF THE JORDAN LAKE**  
13 **RULES AND THE JORDAN LAKE SESSION LAWS**

14           **SECTION 1.(a)** For purposes of this act, the following definitions apply:

15           (1) "Jordan Lake Rules" means all of the following rules:

- 16           a. 15A NCAC 02B .0262 (Jordan Water Supply Nutrient Strategy:  
17 Purpose and Scope)
- 18           b. 15A NCAC 02B .0263 (Jordan Water Supply Nutrient Strategy:  
19 Definitions)
- 20           c. 15A NCAC 02B .0264 (Jordan Water Supply Nutrient Strategy:  
21 Agriculture)
- 22           d. 15A NCAC 02B .0265 (Jordan Water Supply Nutrient Strategy:  
23 Stormwater Management for New Development)
- 24           e. 15A NCAC 02B .0266 (Jordan Water Supply Nutrient Strategy:  
25 Stormwater Management for Existing Development)
- 26           f. 15A NCAC 02B .0267 (Jordan Water Supply Nutrient Strategy:  
27 Protection of Existing Riparian Buffers)
- 28           g. 15A NCAC 02B .0270 (Jordan Water Supply Nutrient Strategy:  
29 Wastewater Discharge Requirements)
- 30           h. 15A NCAC 02B .0271 (Jordan Water Supply Nutrient Strategy:  
31 Stormwater Requirements for State and Federal Entities)
- 32           i. 15A NCAC 02B .0272 (Jordan Water Supply Nutrient Strategy:  
33 Fertilizer Management)
- 34           j. 15A NCAC 02B .0311 (Cape Fear River Basin)

35           (2) "Jordan Lake Session Laws" means all of the following Session Laws or  
36 portions of Session Laws:

- 37           a. S.L. 2009-216.
- 38           b. Part II of S.L. 2009-484.
- 39           c. Section 14 of S.L. 2011-394.
- 40           d. Section 12.1 of S.L. 2012-187.
- 41           e. Subsections 9(c) through 9(g) of S.L. 2012-200.
- 42           f. Subsections 11(a) through 11(e) of S.L. 2012-201.

43           **SECTION 1.(b)** The implementation dates of the Jordan Lake Rules and Jordan  
44 Lake Session Laws that begin July 1, 2013, or later shall be delayed for a period of three years.

45  
46 **PART II. IMPLEMENTATION OF RULE FOR PROTECTION OF EXISTING**  
47 **BUFFERS**

48           **SECTION 2.(a)** The definitions set out in G.S. 143-212 and 15A NCAC 02B .0267  
49 (Jordan Water Supply Nutrient Strategy: Protection of Existing Riparian Buffers) apply to this  
50 section. For purposes of this section, "Protection of Existing Riparian Buffers Rule" means 15A

1 NCAC 02B .0267 (Jordan Water Supply Nutrient Strategy: Protection of Existing Riparian  
2 Buffers).

3 **SECTION 2.(b)** Protection of Existing Riparian Buffers Rule. – Until the effective  
4 date of the revised permanent rule that the Commission is required to adopt pursuant to Section  
5 2(d) of this act, the Commission and the Department shall implement the Protection of Existing  
6 Riparian Buffers Rule as provided in Section 2(c) of this act.

7 **SECTION 2.(c)** Implementation. – The Protection of Existing Riparian Buffers  
8 Rule shall be implemented as follows:

9 (1) Notwithstanding the Table of Uses set out in subdivision (9) of the  
10 Protection of Existing Riparian Buffers Rule, utility, nonelectric, other than  
11 perpendicular crossings that have impacts only in Zone Two shall be  
12 categorized as exempt.

13 (2) Notwithstanding the Table of Uses set out in subdivision (9) of the  
14 Protection of Existing Riparian Buffers Rule, the piping of a stream allowed  
15 under a permit issued by the United States Army Corps of Engineers shall be  
16 categorized as an allowable use.

17 (3) Notwithstanding the definition of "Airport Facilities" set out in  
18 sub-subdivision (b) of subdivision (2) of the Protection of Existing Riparian  
19 Buffers Rule, "Airport Facilities" shall include any aeronautic industrial  
20 facilities that require direct access to the airfield.

21 **SECTION 2.(d)** Additional Rule-Making Authority. – The Environmental  
22 Management Commission shall adopt a rule to amend 15A NCAC 02B .0267 (Jordan Water  
23 Supply Nutrient Strategy: Protection of Existing Riparian Buffers) consistent with Section 2(c)  
24 of this act. Notwithstanding G.S. 150B-19(4), the rule adopted by the Commission pursuant to  
25 this section shall be substantively identical to the provisions of Section 2(c) of this act. Rules  
26 adopted pursuant to this section are not subject to Part 3 of Article 2A of Chapter 150B of the  
27 General Statutes. Rules adopted pursuant to this section shall become effective as provided in  
28 G.S. 150B-21.3(b1) as though 10 or more written objections had been received as provided by  
29 G.S. 150B-21.3(b2).

30 **SECTION 2.(e)** Sunset. – Section 2(c) of this act expires on the date that rules  
31 adopted pursuant to Section 2(d) of this act become effective.

### 32 **PART III. EFFECTIVE DATE**

33 **SECTION 3.** This act is effective when it becomes law.  
34