

**GENERAL ASSEMBLY OF NORTH CAROLINA**  
**SESSION 2007**

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**SENATE DRS35334-TF-3A\* (03/01)**

Short Title: Fund Stream Mapping. (Public)

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Sponsors: Senators Clodfelter, and Albertson.

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Referred to:

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A BILL TO BE ENTITLED

1 AN ACT TO APPROPRIATE FUNDS TO IMPLEMENT THE  
2 RECOMMENDATIONS OF THE GEOGRAPHIC INFORMATION  
3 COORDINATING COUNCIL TO IMPROVE THE MAPPING AND DIGITAL  
4 REPRESENTATION OF SURFACE WATERS IN NORTH CAROLINA, AS  
5 RECOMMENDED BY THE STATE WATER INFRASTRUCTURE  
6 COMMISSION.  
7

8 Whereas, existing State, local, and federal maps of streams and surface waters  
9 are outdated, inadequate, inaccurate, and inconsistent; and

10 Whereas, State, federal, and local agencies, private developers, and nonprofit  
11 conservation organizations use maps of streams and surface waters on a daily basis to  
12 make environmental and economic decisions concerning the location of schools,  
13 highways, wastewater collection and treatment facilities, stormwater collection and  
14 treatment facilities, industrial sites, businesses, homes, greenways, hazard mitigation  
15 projects, stream and wetland restoration and mitigation projects, and for other beneficial  
16 purposes; and

17 Whereas, State, local, federal, and private agencies and organizations must  
18 frequently send staff or consultants to the field to identify the location of streams and  
19 surface waters; and

20 Whereas, up-to-date and accurate maps of surface waters made available to  
21 government agencies and to the public via the Internet would increase the productivity  
22 of, and reduce costs for, the public and private sectors; and

23 Whereas, NC OneMap is currently serving data via the Internet for 72 local  
24 governments, and additional local governments desire to participate; and

25 Whereas, the General Assembly has invested over \$50,000,000 to update and  
26 improve the mapping and digital representation of floodplains that can be utilized to  
27 improve the mapping and digital representation of surface waters; and

1           Whereas, the 2004 General Assembly directed the Geographic Information  
2 Coordinating Council and the Department of Environment and Natural Resources to  
3 develop and recommend to the General Assembly and to the Environmental Review  
4 Commission a plan to improve the mapping and digital representation of surface waters  
5 in North Carolina; and

6           Whereas, the Geographic Information Coordinating Council established a  
7 Stream Mapping Working Group composed of State, local, and federal agencies to  
8 develop the plan; and

9           Whereas, the Stream Mapping Working Group determined user requirements,  
10 mapping specifications, implementation options, and developed a time line and a budget  
11 for stream mapping; and

12           Whereas, in 2005 the Geographic Information Coordinating Council  
13 recommended the adoption of the "Implementation Plan to Improve Mapping and  
14 Digital Representation of Surface Waters," at a cost of \$16,236,500 over five years; and

15           Whereas, the General Assembly appropriated \$2,685,000 to fund Phase I of  
16 the Implementation Plan to Improve Mapping and Digital Representation of Surface  
17 Waters in western North Carolina in S.L. 2005-1, the Hurricane Recovery Act of 2005;  
18 and

19           Whereas, the State Water Infrastructure Commission has recommended that  
20 the 2007 Session of the General Assembly appropriate \$3,428,500 for Phase II of the  
21 Implementation Plan to Improve Mapping and Digital Representation of Surface  
22 Waters, which encompasses portions of the Broad, Cape Fear, Catawba, Neuse,  
23 Roanoke, Yadkin, and White Oak river basins, in its November 2006 report to the  
24 Environmental Review Commission; and

25           Whereas, the Center for Geographic Information and Analysis will complete  
26 Phase I of the Plan on time and within budget in 2007; Now, therefore,  
27 The General Assembly of North Carolina enacts:

28           **SECTION 1.** There is appropriated from the General Fund to the  
29 Department of Environment and Natural Resources the sum of three million four  
30 hundred twenty-eight thousand five hundred dollars (\$3,428,500) for the 2007-2008  
31 fiscal year to fund Phase II of the Implementation Plan to Improve Mapping and Digital  
32 Representation of Surface Waters.

33           **SECTION 2.** The Department of Environment and Natural Resources shall  
34 make the mapping and digital representation of surface waters available to other State  
35 agencies and the public as soon as practicable via the Internet on NC OneMap.

36           **SECTION 3.** The Department of Environment and Natural Resources shall  
37 seek funds from federal agencies, including, but not limited to, the Federal Emergency  
38 Management Agency, United States Army Corps of Engineers, United States  
39 Environmental Protection Agency, United States Geological Survey, and United States  
40 Department of Agriculture to help fund the Implementation Plan to Improve Mapping  
41 and Digital Representation of Surface Waters.

42           **SECTION 4.** This act becomes effective 1 July 2007.