

**GENERAL ASSEMBLY OF NORTH CAROLINA
SESSION 2007**

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HOUSE DRH30278-TF-3* (03/01)

Short Title: Fund Stream Mapping.

(Public)

Sponsors: Representative Gibson.

Referred to:

A BILL TO BE ENTITLED

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

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9 are outdated, inadequate, inaccurate, and inconsistent; and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.