

**Office of State Budget and Management
Establish New, Receipt-Supported Positions
(G.S. 143-34.1)**

Agency: Dept of Environ & Nat Resources Division: Water Quality
Budget Code: 14300 Center Title: Section 319 FY04 Center Number: 1720-7216

***** Position Information *****

Proposed Classification: Environmental Modeler I Proposed Salary Grade: 70
Salary Range: \$33,790 – \$52,065 Proposed Effective Date: 11 / 1 / 2005
Number of Positions: 1

	<u>Center Authorized Budget</u>	<u>Current Request</u>
Total Budget	\$ 1,815,803	\$ 42,428
Receipts	<u>1,815,803</u>	<u>42,428</u>
Appropriation		

Funding Source(s): EPA 319 Grant program

Justification for Position (including description of duties and responsibilities):

This position will be a permanent position and is proposed for the Modeling & TMDL Unit of the NC Division of Water Quality. This unit develops Total Maximum Daily Loads (TMDLs) for the State of North Carolina pursuant to the Clean Water Act (40CFR130.7) and other management strategies as directed by the Director of the Division of Water Quality, the Environmental Management Commission, or the General Assembly. The US Environmental Protection Agency has indicated that North Carolina is fulfilling TMDL development requirements in terms of quality, but not in terms of quantity. Although the Modeling & TMDL Unit has used contracting resources to help fulfill the quantity goals, the existing number of staff are unable to both develop TMDLS and management contracts to fulfill quantity goals. Additionally, there is little opportunity to train new environmental modelers because all positions are currently rated Environmental Modeler II. The Environmental Modeler I position would provide additional resources toward meeting quantity goals as well as provide an opportunity to train new modelers and potential increase retention. Specific duties as described on the 102-R are as follows:

- To develop simple to mid-range complexity water quality models for TMDL development. In most cases, this includes steady-state and/or 1-dimensional models. This includes analyzing data and using modeling results to recommend water quality management strategies for use in TMDL development or basinwide planning. This also includes the development of study plans to support modeling efforts.
- To provide NPDES and basinwide technical support, including water quality modeling and other data analysis. This includes technical review of use support decisions and 303(d) listings, evaluating and setting NPDES permit limits, and reviewing basinwide management plans.
- Develop the North Carolina 303(d) List of Impaired Waters on a biennial basis.


Statutory Reference for Request

Cathy S. Hardy

Presentation to be made by

Director of Budget, Planning, and Analysis

Title


Agency Head Signature


State Budget Officer Signature

Ses
10/13/05