NORTHEAST REGIONAL CONSERVATION NEED GRANT QUARTERLY REPORT

Grant Number: 2007-06

Grant Title: An interactive, GIS-based application to estimate continuous, unimpacted daily streamflow at ungaged locations in the Connecticut River Basin

Grant Receipt: U.S. Geological Survey

Grant Contact Name: Stacey A. Archfield

Report #- 2

Were planned goals/objectives achieved last quarter? All goals achieved with the exception of streamflow-data collection, which will take place next quarter. Streamflow-data collection was not completed due to time commitments to other projects that had to be met in the same quarter.

Regional Conservation Need Addressed: Priority RCN Topic 3: Development of Instream Flow Standards, Guidelines, and Policies

Progress Achieved: (For each Goal/Objective, list Planned and Actual Accomplishments)
Project Objectives: Develop an interactive point-and-click GIS application to estimate continuous, daily unimpacted streamflow at any ungaged location in the Connecticut River basin.

Planned Accomplishments	Actual Accomplishments
-> Schedule larger kickoff meeting with representatives from the New England Association of Fish and Wildlife Agencies and The Nature Conservancy to discuss the format of project deliverables -> Identify streamflow gages in the northern portion of Connecticut River basin that will be incorporated into the existing regression equations -> Gather streamflow data for identified gages -> Work to collect basin-wide GIS data layers for regression-equation refinement	-> Attended meeting with The Nature Conservancy to coordinate project needs and interface with other Connecticut River research activities -> Began collection of basin-wide GIS data layers for regression-equation refinement

Difficulties Encountered: None

Activities Anticipated Next Quarter:

- Identify streamflow gages in the northern portion of Connecticut River basin that will be incorporated into the existing regression equations
- Gather streamflow data for identified gages
- Continue to collect basin-wide GIS data layers for regression-equation refinement

Costs:

Are you within the approved budget plan? Yes.
Are you within approved budget categories? Yes.

Signature:
Date: 4/24/09