



## WATER RESOURCES RESEARCH GRANT PROPOSAL

**Project ID:** 2003NH21B

**Title:** Water Quality and the Landscape: Long-term monitoring of rapidly developing suburban watersheds

**Project Type:** Research

**Focus Categories:** Non Point Pollution, Surface Water, Nutrients

**Keywords:** None

**Start Date:** 03/01/2004

**End Date:** 02/28/2005

**Federal Funds:** \$35,307

**Non-Federal Matching Funds:** \$55,741

**Congressional District:**

**Principal Investigator:**

William H. McDowell

### **Abstract**

The proposed work will continue documentation of long-term changes to water quality in response to changing land use and management practices as a result of population growth. There are several components to this project, drawing from the efforts of local watershed monitoring groups, the UNH Office of Sustainability, as well as on-going research projects by UNH staff and students, all leading to long-term datasets of water quality in New Hampshire. These datasets can be used to assess the impacts of human development, land use changes and management practices in rapidly growing areas of the state and New England. Further, these data could be used to test and refine water quality models and aid in the development of best management practices and restoration efforts across the state and region.