



WATER RESOURCES RESEARCH GRANT PROPOSAL

Project ID: 2003DE28B

Title: Nanticoke Watershed Total Maximum Daily Load Project

Project Type: Research

Focus Categories: Water Quality, Non Point Pollution, Nutrients

Keywords: TMDLs, watershed management, pollution prevention measures

Start Date: 06/01/2003

End Date: 02/28/2004

Federal Funds: \$1500.00

Matching Funds: \$3000.00

Congressional District: At large

Principal Investigators: Andres, Alan

Abstract: The Nanticoke River watershed has been ranked one of the top priority watersheds in Delaware in the Total Maximum Daily Load (TMDL) program. A TMDL is the amount of pollutant that a water body can assimilate before significant environmental damage occurs and is a key component in the regulation of wastewater discharges and nutrient management practices, and in the allocation of funds for pollution prevention measures. In an ongoing project being conducted by the University of Delaware College of Marine Studies, Delaware Geological Survey, Delaware Department of Natural Resources and Environmental Control, and U. S. Geological Survey, flow and water quality data are being collected to compute current pollutant loads. In this project, the student intern will have responsibility for assisting with collection of ground and surface water samples, performing QA/QC tasks on analytical data, acquiring and processing stream flow records, and evaluating methods for computing pollutant loadings for five sampling stations in the Nanticoke River watershed.

[U.S. Department of the Interior](#), [U.S. Geological Survey](#)

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