

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Water quality monitoring in Yellowstone National Park
Discipline: Natural Resources
Type of Project: Research
Funding Agency: National Park Service
Other Partners/Cooperators: Montana State University
Effective Dates: 5/1/2007 - 3/30/2009
Funding Amount: \$10,900

Investigators and Agency Representative:

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Project Abstract: The long-term water quality program at Yellowstone is designed to acquire baseline information concerning YNP surface waters. These data are used to evaluate overall ecosystem health, ascertain impacts of potential stressors (e.g. road construction activities, and accidental sewage spills), and identify trends that are associated with water quality degradation. The park's specific objectives in working with MSU to do water quality monitoring include: (1) Collect water quality baseline information, (2) Enter water quality information into an electronic (STORET) database and (3) Write a draft water quality report for Yellowstone National Park.

Outcomes with Completion Dates:

- August 31, 2007 - Completion of objective 1 - collection of water quality data
- December 31, 2007 - Completion of objective 2 - data entry into NPSTORET
- December 31, 2008 - Completion of draft report
- End Date of Project - March 30, 2009

Keywords: water quality, STORET, Yellowstone National Park, Montana State University

For Administrative Use Only:

Date Annual Report Received:

Date Final Report Received:

Publications, etc. on file: