

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

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| Project Title: Greater Yellowstone Network Water Quality Monitoring Plan: Recommendations for Vital Signs Monitoring, Part 2 |
| Type of Project: Technical Assistance |
| Funding Agency: National Park Service |
| Effective Dates: August 1, 2002 - December 30, 2003 |
| Funding Amount: \$17,000 |
| Investigators and Agency Representative: UNIVERSITY CONTACT: Dr. Scott Woods (PI), School of Forestry, 406-243-5257, swoods@forestry.umt.edu NPS CONTACT: Susan O'Ney, GRYE Network, 307-739-3666, susan_o'ney@nps.gov |
| Project Abstract: The principal investigator and graduate student will collaborate with the Greater Yellowstone Network of parks (Yellowstone, Grand Teton, Bighorn Canyon) and other researchers to accomplish the following: <ol style="list-style-type: none">1) conduct a review of existing water quality data for the three parks, in order to define potential water quality issues;2) supplement existing water quality data with synoptic surveys to explore additional issues related to water quality and vital signs monitoring - including payment for laboratory analysis of water samples collected at GRTE;3) participate in scoping workshops related to defining vital signs and monitoring protocols to collect long-term data,4) present final results of data analysis and review at meetings with each of the three parks in the network;5) produce a final report that summarizes review of water quality data, and provides recommendations for how the GRYE network should proceed with water quality monitoring plans. |
| Outcomes with completion dates: A narrative report that includes: a review of the background of monitoring in the Greater Yellowstone Ecosystem, the results of a review of existing water quality data, discussion of potential water quality issues, and recommendations for further work on planning for vital signs monitoring in the three-park network. (December 30, 2003) |
| Keywords: Greater Yellowstone Network, Yellowstone National Park, Grand Teton National Park, Bighorn Canyon National Recreation Area, water quality, vital signs monitoring |
| <i>For Administrative use only:</i> <i>Date Annual Report Received:</i> <i>Date Final Report Received:</i> <i>Publications, etc. on file:</i> |