

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Aquatic and water quality phase III planning in the Greater Yellowstone I&M Network.
Type of Project: Technical Assistance
Funding Agency: National Park Service
Other Partners/Cooperators: Colorado State University
Effective Dates: May 29, 2004 - September 30, 2006
Funding Amount: \$ 45,697
Investigators and Agency Representative: NPS KEY OFFICIAL: Cathie Jean, National Park Service, Greater Yellowstone I&M Network, Forestry Sciences Lab, 1648 S. 7 th Ave., Bozeman, MT 50717-2780, ph 406-994-7530, FAX 406-994-4160, Cathie_jean@nps.gov PRINCIPAL INVESTIGATORS: William H. Clements and Donna Kashian, Department of Fishery and Wildlife Biology, Colorado State University, Fort Collins, CO 80523, ph 970-491-0690, fax 970-491-5091, willc@cnr.colostate.edu , dkashian@cnr.colostate.edu
Project Abstract: The purpose of this project is to obtain technical assistance during phase III of the Vital Signs Monitoring Plan for the Greater Yellowstone I&M Network. The cooperator will provide technical assistance by helping the network set monitoring objectives for water chemistry and aquatic invertebrate assemblage vital signs and to prepare a water quality monitoring protocol that integrates both biological and chemical parameters into a single design and implementation plan. This will include helping to prepare background materials; planning and executing meetings between the network and parks for the purpose of setting monitoring objectives and soliciting peer review and comments on draft monitoring objectives; and helping prepare and document the sampling design, providing technical assistance regarding the selection and/or development of field methods, analysis procedures and reporting.
Outcomes with completion dates: Due September 30, 2006 1. Synthesis report that documents threats and response of concerns to aquatic systems. 2. Protocol Narrative Part 1. Background and Monitoring Objectives 3. Protocol Narrative Part 2. Sampling Design. 4. Protocol Narrative Part 3. Field Methods 5. Protocol Narrative Part 4. Data Handling, Analysis and Reporting
Keywords: Vital Signs Monitoring Plan, water quality, water chemistry, aquatic invertebrates, Colorado State University, Greater Yellowstone Network
<u>For Administrative use only:</u> <i>Date Annual Report Received:</i> <i>Date Final Report Received:</i> <i>Publications, etc. on file:</i>