

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Workshop of the Effects of Lake Drawdown in Jackson Lake
Type of Project: Technical Assistance
Funding Agency: National Park Service
Other Partners/Cooperators: Bureau of Reclamation
Effective Dates: April 1, 2004 - December 31, 2005
Funding Amount: \$5000.00
<p>Investigators and Agency Representative:</p> <p>NPS KEY OFFICIAL: Susan O'Ney, Grand Teton NP; PO Drawer 170; Moose, WY 83012; 307-739-3666; susan_o'ney@nps.gov</p> <p>PRINCIPAL INVESTIGATOR: Hank Harlow, University of Wyoming; Laramie, WY 82071; 307-766-3321; hharlow@uwyo.edu</p>
<p>Project Abstract:</p> <p>A panel of experts will be chosen by the University of Wyoming and the staff of Grand Teton NP. This panel will meet in a workshop setting in June 2004 to discuss the following related to the drawdown of Jackson Lake:</p> <ul style="list-style-type: none"> • Evaluation of the significance of the impact on the: Waterfowl, bald eagles, herons, and other water dependent bird species; beaver, muskrats, otters and other mammals dependent upon lake levels.; aquatic vegetation including floating and emergent plant communities.; cultural resource sites that are normally submerged.; aquatic invertebrates; hyporheic communities.; fish species; exotic species such as the New Zealand Mud Snail (known to occur upstream of Jackson Lake) or the encouragement of invading exotics such as tamarisk and purple loostrife; aquatic borne diseases such as whirling disease. • Establish priorities for research and evaluation. • Develop protocols for appropriate inventory, monitoring, and research projects as required. • Develop mitigation procedures following inventory, monitoring, and research efforts if applicable and practical. • Define potential contractors and partners for funding and investigative efforts. • Provide oversight of inventory, monitoring, and research. <p>RM-CESU funds will be used to provide additional compensation for attendees and provide seed money for research projects.</p>
<p>Outcomes with completion dates:</p> <ol style="list-style-type: none"> 1. Workshop to be held at the AMK Ranch facilities June 7-9, 2004 2. Provide reimbursement to invited participants. 3. List of research priorities for Jackson Lake. 4. Selection of initial project and PI to receive "seed money". 5. Final report for selected project. December 31, 2005
<p>Keywords: Grand Teton National Park; University of Wyoming, lake drawdown; Jackson Lake, ecological effects; cultural resource impacts</p>
<p><i>For Administrative use only:</i> <i>Date Annual Report Received:</i> <i>Date Final Report Received:</i> <i>Publications, etc. on file:</i></p>