

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Staff Training and Monitoring of the Sewage Effluent Irrigation Project
Type of Project: Technical Assistance
Funding Agency: National Park Service
Other Partners/Cooperators: N/A
Effective Dates: August 25, 2003 - April 25, 2004
Funding Amount: \$4996
Investigators and Agency Representative: NPS Key Official: Ben Bobowski, Grant-Kohrs Ranch NHS, 266 Warren Lane, Deer Lodge, MT 59722, 406-846-2070 ext. 240, ben_bobowski@nps.gov UNIVERSITY CONTACTS: William W. Woessner, Department of Geology, University of Montana, Missoula, MT 59812, gl_www@selway.umt.edu
Project Abstract: The University of Montana will work with Grant-Kohrs Ranch to establish monitoring protocols to determine soil and water conditions prior to irrigation each season and then, primarily, at the close of the season. University of Montana will then arrange for a one-day of training for a Grant-Kohrs staff member in the correct sampling procedures. After that time Grant-Kohrs Ranch staff will collect samples and work with the University of Montana to get the analysis done and prepare data and interpretation reports. Two sets of samples will be analyzed examining the fate of nutrients and metals. Water Quality analyses will be for common anions and cations including ammonia, nitrate-nitrate and orthophosphate. The duration of this cooperative agreement includes three sampling events listed as spring, summer and fall. Sampling wells were established by the University of Montana under a previous task agreement.
Outcomes with completion dates: Data reports provided by University of Montana
Keywords: Grant-Kohrs Ranch National Historic Site, water quality, irrigation, nutrients
<u>For Administrative use only:</u> <i>Date Annual Report Received:</i> <i>Date Final Report Received:</i> <i>Publications, etc. on file:</i>