

Project Progress Report Rocky Mountains Cooperative Ecosystem Studies Unit (RM-CESU)

Project Title: Long-term Evaluations of Tamarisk Control and Management Efforts at Bent's Old Fort National Historic Site, La Junta, CO

Project Code: J1242100008; CSURM-187

Type of Project: Technical Assistance

Funding Agency: National Park Service

Partner University: Colorado State University

NPS Agreement Technical Representative:

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Start Date of Project: 6/1/2010

End Date of Project: 9/30/2011

Funding Amount: \$5,000

Project Summary, including descriptions of project deliverables, work accomplished and/or major results. If the information is restricted (e.g. location of endangered species or cultural resources), indicate the title and location of the final report. Also add web sites where project-related information may be found.

Researcher and park staff met at the park and discussed locations where the study transects could be located. Ten transects in five treatment areas (total of fifty sampling plots) have been established and vegetation data collected. The vegetation data are being analyzed this winter. A literature review is underway. There were originally 18 photo points located within the park. Park staff relocated the original photo points and GPS'ed the locations, took digital photos that can be attached to the GIS files. Park staff is currently digitizing the 1996 and 2001 photos and these photos will be attached to the GIS files. The original hand mapped locations of each year's progress are being compiled and will be heads-up digitized into GIS files.

Number of students participating in this project: undergraduates, graduate students, degrees conferred.

One graduated student, one undergrad

Submitted by:

Fran Pannebaker 1/12/11