

- I. Project Title: Redlands Fish Screen and Gage
- II. Principal Investigator(s): Brent R. Uilenberg
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- III. Project Summary: The Redlands Diversion Dam, located on the Gunnison River approximately 3 miles upstream from the Colorado River confluence, diverts water into the Redlands Water and Power Company Canal. Entrainment of native fish is believed to occur. The Program constructed a fish screen in the canal in FY 2005. The screen was placed in manual operation the spring of 2005. In FY 2006 the SCADA system was completed and the screen was operated in automatic mode during the 2006 irrigation season. The canal gage was relocated and integrated into the fish screen SCADA system.
- IV. Study Schedule: The Project is essentially complete, and \$20,000 has been programmed into the FY 2007 Capital Projects budget to monitor and troubleshoot the fish screen.
- V. Relationship to RIPRAP: Colorado River Action Plan: Gunnison River II.B.1.g. Screen Redlands diversion to prevent endangered fish entrainment
- VI. Accomplishment of FY 2006 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings: In FY 2006 the SCADA system was completed and the screen was operated in automatic mode during the 2006 irrigation season. The canal gage was relocated and integrated into the fish screen SCADA system. The fish passage operated in automatic mode throughout the irrigation season with the exception of minor outages.
- VII. Recommendations: Monitor fish screen, troubleshoot problems and implement corrective actions as appropriate.
- VIII. Project Status: On track and ongoing.

IX. FY 2006 Budget Status

- A. Funds Provided: \$234,000
- B. Funds Expended: \$171,000
- C. Difference: \$63,000
- D. Percent of the FY 2006 work completed, and projected costs to complete: NA
- E. Recovery Program funds spent for publication charges: None

X. Status of Data Submission (Where applicable): NA

XI. Signed: /s/ Brent R. Uienberg November 1, 2006
Principal Investigator Date

APPENDIX: None