

- I. Project Title: Redlands Water and Power Company Fish Screen
- II. Principal Investigator(s): Brent R. Uilenberg
Bureau of Reclamation
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- III. Project Summary: The Redlands Diversion Dam, located on the Gunnison River approximately three miles upstream from the Colorado River confluence, diverts water into the Redlands Water and Power Canal. Entrainment of native fish in the Redlands Water and Power Canal is believed to occur. The Project consists of constructing a fish screen and fish return pipeline in the Redlands Water and Power Canal approximately one half mile downstream from the diversion dam.
- IV. Study Schedule: A construction contract was awarded in August 2004. Construction was substantially completed in September 2005 and the facility was placed into service in manual mode. Installation and testing of the SCADA system will be complete in March 2006 at which time the facility will be fully operational.
- V. Relationship to RIPRAP: Colorado River Action Plan: Gussnison River II.B.1.g. Screen Redlands diversion to prevent endangered fish entrainment
- VI. Accomplishment of FY 2005 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings: Construction was substantially completed in September 2005 and the facility was placed into service in manual mode. Full automated operation was not achieved due to problems with the SCADA system.
- VII. Recommendations: Complete installation and testing of the SCADA system during the winter of 2005-2006.
- VIII. Project Status: Project construction will be completed in March 2006 at which time title to the facility and responsibility for operation and maintenance will be transferred to Redlands Water and Power Company.

IX. FY 2005 Budget Status

- A. Funds Provided: \$3,709,000
- B. Funds Expended: \$5,237,000
- C. Difference: FY 2005 expenditures include prior year obligations.
- D. Percent of the FY 2005 work completed, and projected costs to complete: All major FY 2005 work was completely with the exception of the SCADA system. \$717,000 has been budgeted in FY 2006 to complete SCADA system and to address any unanticipated design/construction defficiencies.
- E. Recovery Program funds spent for publication charges: None

X. Status of Data Submission (Where applicable): Not Applicable

XI. Signed: /s/ Brent R. Uilenberg November 9, 2005
Principal Investigator Date

APPENDIX: None