

COLORADO RIVER RECOVERY PROGRAM
FY2002 ANNUAL PROJECT REPORT

RECOVERY PROGRAM
PROJECT NUMBER: C-23

I. Project Title: Fish Screening at the Grand Valley Project Diversion Dam.

II. Submitted by: Bob Norman
Bureau of Reclamation
2764 Compass Drive, Suite 106
Grand Junction, CO 81506
Phone (970) 248-0634
FAX (970) 248-0601
rnorman@uc.usbr.gov

III. Project Summary:

Entrainment of native fish in the Grand Valley Project and Grand Valley Irrigation Company canal systems has been documented. In response to these problems, the Upper Colorado River Endangered Fish Recovery Program (Program) has identified restoration of fish passage at these three dams as well as screening the Grand Valley Irrigation Company and Grand Valley Project canals as important components of recovery efforts for Colorado pikeminnow and razorback sucker.

The Program has adopted 3/32" wedge wire screening material as a standard as it prevents entrainment of a wide range of fish life stages, minimizes operation and maintenance problems and represents proven state-of-the-art technology. All screening and passage alternatives will emphasize minimization of fish mortality and operational impacts to the canal system.

IV. Project Schedule:

Due to delay caused by land ownership issues, it was not possible to start construction in fall 2002. Construction is now scheduled to start in fall FY 2003.

V. Relationship to RIPRAP:

COLORADO RIVER ACTION PLAN: MAINSTEM

II.B.3.b. Screen Government Highline diversion to prevent endangered fish entrainment.

II.B.3.b.(1) Design

II.B.3.b.(2) Construct

VI. Accomplishment of FY 02 Tasks and Deliverables:

A draft EA was prepared March 11, 2002. The comment period ended April 12, 2002. A separate biological assessment was prepared in August 2000. The Biological Opinion was finalized with an incidental take statement and Recovery Agreements were signed on November 6, 2002.

Design specifications for the bypass channel are complete. Design for the fish screen is 50 percent complete.

Work is on-going to resolve land ownership issues and once they are resolved the FONSI will be prepared and issued. After the FONSI, work will begin on the required 404 permits. An agreement with the State Historic Preservation Officer is also underway.

VII. Recommendations: Reclamation will proceed with the design and construction of the fish screen structure.

VIII. Project Status: Scheduled for construction in FY 2003

IX. FY 02 Budget Status

- A. Funds Provided: \$302,593
- B. Funds Expended: \$302,593
- C. Difference: \$ 0
- B. Percent of the FY 02 work completed, and projected costs to complete: Construction costs are expected to be about \$5,000,000.
- C. Recovery Program funds spent for publication charges: N/A

X. Status of Data Submission (Where applicable): N/A

XI. Signed: Robert Norman 1/29/03
Principal Investigator Date