

I. Project Title: **GVIC Fish Screen Return Pipe Monitoring**

II. Principal Investigator(s):

Travis Francis, Fish Biologist  
Dale Ryden, Assistant Project Leader  
U.S. Fish and Wildlife Service  
764 Horizon Drive, Building B  
Grand Junction, Colorado 81506  
(970) 245-9319; Fax 245-6933  
E-mail: [travis\\_francis@fws.gov](mailto:travis_francis@fws.gov)  
[dale\\_ryden@fws.gov](mailto:dale_ryden@fws.gov)

III. Project Summary: To be completed in FY 2012.

IV. Study Schedule: FY 2011 monies held over for FY 2012

V. Relationship to RIPRAP: Colorado River Action Plan: Mainstem II.B.1b Screen GVIC diversion to prevent endangered fish entrainment, if warranted.

VI. Accomplishment of FY 2011 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings:

After an impressive water year, many fisheries projects in the Upper Colorado River were postponed and/or shortened because of safety and equipment limitations. This project was not only postponed, but completely set aside (with Recovery Program Office approval) until FY 2012. The reason for this was that average base flows were never achieved during the time slots that our field station had employees available to perform the work.

In addition, after receiving the blueprints of the return tube's outlet structure, we realized that our original punch-plate design will not work. There are concrete walls that start at the shore and continue straight out into the riverbed at a 45 degree angle for approximately 15 ft. The only feasible way to capture released surrogate white sucker will be to use a large purse seine, being actively manned by many people, as opposed to the passive sampling method described in our SOW (e.g. fishing via fyke nets). We could still install a passive structure. However, the equipment and materials needed to build it would essentially break the budget, leaving no funds to cover sampling costs.

VII. Recommendations: Perform the work in July/August of FY 2012 with a large purse seine. No additional funding is required or requested for FY-2012.

VIII. Project Status: Delayed - field work will be performed in FY 2012

IX. FY 2011 Budget Status

A. Funds Provided: 18,100

B. Funds Expended: -0-

C. Difference: 18,100 for work in FY 2012

D. Percent of the FY 2011 work completed, and projected costs to complete: 0%

E. Recovery Program funds spent for publication charges: -0-

X. Status of Data Submission (Where applicable): Will be submitted in FY 2012

XI. Signed: T.A. Francis 11/01/11