

- I. Project Title: Capital Projects Coordination
- II. Principal Investigator(s): Brent R. Uilenberg  
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- III. Project Summary: Manage and implement capital projects associated with the Upper Colorado River Recovery Program. Work includes preparation of preliminary cost estimates; developing and revising schedules and budgets; developing budget requests for appropriated funds; responding to agency, departmental, OMB and Congressional requests for supporting budget information; allocating costs between appropriated, power revenue and state funds; coordinating with the National Fish and Wildlife Foundation in the collection and expenditure of state funds; developing and managing contracts and agreements; trouble shooting operational problems and implementing corrective actions on completed capital projects; and, resolving issues disputes associated with implementation of capital projects.
- IV. Study Schedule: Ongoing throughout authorized period of performance for capital projects. Authorization for Capital Projects now extends through 2023 as a result of P.L. 111-11 amendments to P.L. 106-392.
- V. Relationship to RIPRAP: General Recovery Program Support Action Plan: VII. Provide Program Planning and Support (Program Management)
- VI. Accomplishment of FY 2010 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings: Major FY 2009 accomplishments included: 1) Continued work on amendment to the Elkhead Reservoir Enlargement Agreement. Draft contract has been prepared and is under review in the Department of Interior Solicitors Office. Draft underwent several iterations and is now ready for review by the Colorado River Water Conservation District (CRWCD), Fish and Wildlife Service and Colorado Water Conservation Board (CWCB); 2) Prepared FY 2013 budget request and prepared responses to FY 2010, FY 2011 and FY 2012 Congressional budget inquiries; 3) The Orchard Mesa Irrigation District (OMID) Canal Automation Project was approved for construction funding and \$100,000 per year of O&M funds by the Upper Colorado Recovery Program. This approval was conditioned on developing an O&M funding agreement with non-Federal entities for the balance of the O&M costs (\$240,000 per year). Work was initiated to obtain commitments for O&M funding from non-Federal sources. As a result of these efforts the property on which the regulating reservoir will be

located has been acquired by the CRWCD for approximately \$1.3 million and the CWCB has agreed to provide a \$1.5 million grant. The OMID has agreed to fund up \$100,000 per year of the O&M cost through general revenues. In total this will cover \$313,000 of the projected \$340,000 per year O&M costs. The OMID has agreed to cover the remaining \$27,000 with hydropower revenues. Contracts are being developed to reflect these agreements and design and permitting is proceeding. A FY 2011 construction start is possible depending on FY 2011 Federal appropriations; 4) Participated in the Tusher Wash Diversion Dam rehabilitation evaluation being conducted by the Green River Canal Company and State of Utah. A Preliminary Design Report has been prepared for the Tusher Wash Diversion Dam Rehabilitation and a design decision matrix has been prepared; 5) Miscellaneous equipment was installed and technical assistance associated with the Grand Valley Project Fish Screen, Grand Valley Irrigation Company Fish Passage, Redlands Water and Power Company Fish Screen and Grand Valley Water Management facilities was provided. A SCADA contractor has been retained by the Grand Valley Water Users to perform maintenance of this system component. Reclamation's role in the operation of these facilities continues to decline as irrigation entities assume more responsibility and ownership of these facilities; 6) Continued participation in Green Mountain Reservoir Historic User Pool weekly meetings and Coordinated Reservoir Operation process to manage Colorado River flow regimes to benefit fish habitat; 7) Participated in discussions/resolution of Gunnison basin selenium issues/PBO. A Final PBO was completed in FY 2010 and a selenium remediation plan is being developed; 8) The 24 Road Fish Hatchery Rehabilitation was completed; 9) Replacement of the Butch Craig Back Water Habitat Site flood levee was completed prior to spring runoff. Post runoff inspections were conducted and minor deficiencies were corrected; 10) Planning, preconstruction and design work related to construction of additional fish rearing ponds at the Horse Thief Canyon State Wildlife Area to replace leased ponds in the Grand Valley is nearing completion. A FY 2011 construction start is possible depending on FY 2011 Federal appropriations; 11) The cost of corrections of construction deficiencies associated with the Elkhead Reservoir Enlargement that were performed in FY 2008 were reimbursed under a negotiated cost share with the CRWCD; and, 12) A pit tag antenna and associated equipment were installed at the Price-Stubbs Fish Passage. See attached Capital Project Expenditure Summary

VII. Recommendations: Elkhead Reservoir Enlargement Agreement Modification needs to be executed in FY 2011. Grand Valley Water Management facilities and Grand Valley Project Fish Screen and Fish Passage need to be transferred to the Grand Valley Water Users Association. The Tusher Wash Diversion Dam Fish Screen design, NEPA compliance, 404 Permit, Cultural Resource compliance and O&M contract process need to proceed in preparation for construction contract award. Construction will most likely occur no sooner than FY2014 – 2015. Construction of the OMID Canal Automation Project needs to be completed as soon as possible to provide water to replace 10,825 acre-feet of Ruedi Reservoir water that will be lost after 2011.

VIII. Project Status: See above discussion in recommendation section.

IX. FY 2010 Budget Status

- A. Funds Provided: \$100,000
- B. Funds Expended: \$286,582
- C. Difference: (\$186,582) (Includes non-contract costs associated with the Orchard Mesa Canal and Horse Thief Canyon Fish Rearing Facilities.)
- D. Percent of the FY 2010 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 Uilenberg December 1, 2010  
Principal Investigator Date

APPENDIX:

CAPTIAL PROJECT EXPENDITURE SUMMARY

Grand Valley Water Management.....	\$33,904
Orchard Mesa Irrigation District Canal Automation Project.....	\$47,078
Elkhead Reservoir Enlargement Construction Deficiencies.....	\$130,108
Grand Valley Project Fish Passage.....	\$12,789
Price-Stubb Fish Passage Pit Tag Antenna.....	\$94,936
Grand Valley Irrigation Company Fish Passage.....	\$3,317
Grand Valley Project Fish Screen.....	\$50,989
Redlands Water and Power Company Fish Screen.....	\$57
Tusher Wash Fish Screen.....	\$2,636
24 Road Fish Hatchery Rehabilitation.....	\$220,839
Horse Thief Canyon Fish Rearing Facility.....	\$62,525
Capital Projects Public Involvement.....	\$23,173
Butch Craig Flood Levee Replacement.....	\$243,197
Capital Projects Coordination.....	<u>\$286,582</u> 1/
FY 2010 Total.....	\$1,212,130

1/ Includes non-contract costs for the Orchard Mesa Canal and Horse Thief Canyon Fish Rearing Facilities.