

COLORADO RIVER RECOVERY PROGRAM
FY 2007 ANNUAL PROJECT REPORT

RECOVERY PROGRAM
PROJECT NUMBER:
FR-Du Sed. Mon.

- I. Project Title: Duchesne River Sediment Monitoring
- II. Principal Investigator(s): Terry J. Hickman
Environmental Programs Manager
Central Utah Water Conservancy District
355 W. University Parkway
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- III. Project Summary: To address the uncertainty associated with flow recommendations in the amended Duchesne River Biological Opinion for the lower Duchesne River, the Recovery Program has determined it would be beneficial to install an automatic sediment sampler at the new Randlett Gage site. Data collected from sediment sampling will enable the development of sediment transport equations which will assist in fine tuning the flow recommendations. The sediment sampler will operate for three months during the spring and summer, the high flow period on the Duchesne River. These months are typically May, June and July.
- IV. Study Schedule: Continue to collect sediment during high flows for the next two years.
- V. Relationship to RIPRAP: I.F.1. Construct Additional Gages as Needed (in this case sediment monitoring)
1.G. Evaluate and Revise Flow Regimes to Benefit Endangered Fish Populations – assist in evaluating efficacy of Duchesne River target flows mandated by Biological Opinion
- VI. Accomplishment of FY 2007 report attached below. 2007 work will summarized in a like manner and provide to Cory Williams with the USGS office in Grand Junction. Cory will incorporate the 2006 and 2007 into the final report on Green and Gunnison River sediment monitoring and transport analysis.
- VII. Recommendations: Follow up with Corry Williams to insure data is included in his 2009 report to the Recovery program.
- VIII. Project Status: Project is on track and ongoing.
- IX. FY 2007 Budget Status
 - A. Funds provided: 2007 budget is \$19,000
Recovery Program's share is \$11,400.
 - B. Funds Expended: \$19,000

C. Difference: \$0

X. Status of Data Submission (Where applicable): Report will be provided by USGS

XI. Signed: Terry J. Hickman
Principal Investigator Date 11/06/07

APPENDIX: 2006 Report See website @ <http://www.fws.gov/mountain-prairie/crrip/flow.htm>