

I. Project Title: **Humpback chub population estimate in Desolation/Gray Canyon, Green River, Utah.**

II. Principal Investigators:

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III. Project Summary:

The population of humpback chub in Desolation and Gray canyons (Deso/Gray) is one of the five self-sustaining populations that exist within the upper basin in the Colorado River and Green River sub-basin. This population has been monitored for over 25 years, and the Utah Division of Wildlife Resources has been responsible for the monitoring since 1985. The RIP amended the recovery plan for humpback chub in 2002 and the approved supplement outlined goals that need to be met for downlisting and delisting to be considered. The recovery goals require that subsequent population estimates for Desolation/Gray Canyon humpback chub be conducted in two out of every four years. This study, which was a two-year effort, will meet this directive and complete five separate point estimates within an eight-year time period. Information collected previously by the Utah Division of Wildlife Resources-Moab Field Station and recommendations from the USFWS population estimate workshops 2002 and 2004 are incorporated into the approach to provide the best opportunity of determining the most accurate and precise estimate for the Desolation/Gray Canyon humpback chub population.

IV. Study Schedule:

- a. Initial year: 2008
- b. Final year: 2008

V. Relationship to RIPRAP:

General Recovery Program Support Action Plan  
V.A.1. Conduct standardized monitoring program.

VI. Accomplishments of FY 2008 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings:

None of the tasks outlined in the scope of work have been initiated to date. A change in personnel at the Moab field station resulted in shortages of available time for biologists and responsibility for completion of the report was not accounted for. The FY 2008 task schedule called for completion of a final report describing population size and structure of humpback chub in Deso/Gray by the summer of 2008.

VII. Recommendations:

No applicable recommendations.

VIII. Project Status: Late and ongoing

The current schedule for completion is: Draft report to coordinator by Jan 30, 2009; Peer and Biology Committee review by Feb 30, 2009; and Final report approval by March 30, 2009. Finalization of the report may be held back pending an upcoming humpback chub population estimate workshop.

IX. FY 2007 Budget Status:

A. Funds provided:	\$ 20,600
B. Funds expended:	\$ 0
C. Difference:	\$ 20,600
D. Percent FY2008 work completed:	0%
E. Recovery Program funds spent for publication charges:	\$ 0

X. Status of data submission:

Data was entered and transferred to USFWS by January 15, 2008.

XI. Signed: Paul Badame Date: 11/18/2008