

I. Project Title: **Development of Monitoring Plan for Stocked Fish.**

II. Principal Investigators:

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III. Project Summary:

The Recovery Implementation Program for Endangered Fish Species in the Upper Colorado River Basin (Program) has approved stocking plans that were developed by Utah and Colorado. To meet the objectives outlined in each of those plans, the hatchery facilities are preparing to meet those demands. When production is maximized, the Program will be stocking thousands of fish into various portions of the Green, Colorado, Yampa, and Gunnison rivers.

Previous efforts toward monitoring of experimentally stocked fish have concentrated on intervals immediately after the stocking events. A monitoring plan designed to determine the long-term success of these stocking events and other restoration activities is currently being developed under the scope of this project.

IV. Study Schedule:

- a. Initial year: 2001
- b. Final year: 2001

V. Relationship to RIPRAP:

General Recovery Program Support Action Plan

- IV.F. Conduct monitoring to evaluate effectiveness and continuation of endangered fish stocking.
- IV.F.1. Assess the monitoring needed to evaluate the contribution to recovery of endangered fish stocking over relevant reaches, life stages, and generations.
- IV.F.2. Determine how monitoring contribution to recovery will be conducted and how (or if) it will be consolidated with ISMP.

VI. Accomplishments of FY 01 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings:

A draft plan has been prepared and is currently awaiting peer review.

VII. Recommendations:

- This plan should be implemented in Fall 2002 along with the initial stocking of bonytail in Colorado and Utah under the existing stocking plans.

VIII. Project Status:

Ongoing.

IX. FY 01 Budget:

- A. Funds budgeted: \$ 15,000
- B. Funds expended/obligated: \$ 3,285
- C. Difference: \$ 11,715
- D. Percent FY2001 work completed: 50%
- E. Recovery Program funds spent for publication charges: \$ 0

X. Status of data submission: N/A

XI. Signed: *J. Michael Hudson*

Date: 1/24/2002