

**COLORADO RIVER RECOVERY PROGRAM
FY-2004/2005 PROPOSED SCOPE OF WORK**
Database Management

Project No.: 16

Lead Agency: Fish and Wildlife Service
Colorado River Fishery Project

Submitted by: Chuck McAda (Lead)

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Category

- Ongoing project
 Ongoing-revised project
 Requested project
 Unsolicited proposal

Expected Funding Source

- Annual funds
 Capital Funds
 Other

I. Title of Proposal: **Database Management**

II. Relationship to RIPRAP: V.A.1 Conduct interagency data management program to compile, manage, and maintain all research and monitoring data collected by the Recovery Program.

III. Study Background/Rationale and Hypotheses

Development of a centralized database was an initial requirement for formation of the Recovery Implementation Program.

IV. Study Goals, Objectives, End Product:

A. Goal: Maintain a current, computerized database of all fishery data collected from the Upper Colorado River Basin using funds from the Colorado River Recovery Program.

B. Objectives:

Database Management.

1. Compile and provide documentation for all fishery data collected in the Upper Colorado River Basin under the auspices of the Colorado River Recovery Program.
2. Assist cooperators with database management.
3. Distribute PIT tags to cooperators, keep records of distribution, maintain tagging list of endangered fish tagged in the upper basin.
4. Provide current list of stocked fish and recaptures to coordinator.

C. End Product: Current database of fish data collected under the Recovery Program.

V. Study area: Upper Colorado River Basin

VI. Study Methods/Approach: Compile data according to study methods of individual investigators.

VII. Task Description and Schedule

Database Management

1. Continue to review 'old' data to eliminate errors from the database.
2. Catalog and distribute PIT tags to cooperators for use in tagging endangered fishes during studies funded by the Recovery Program.
3. Review all tagging files as they are entered into the DBMS for potential errors.
4. Compile and distribute an annual list of all endangered fish tagged during studies funded by the Recovery Program (except during propagation activities restricted to rearing facilities).
5. Compile and distribute an annual list of all data files contained in the DBMS. Provide basic descriptions of the data files.
6. Receive, catalog, and document all data files submitted by researchers in the Recovery Program.

7. Update on an annual basis the documentation included with all files in the DBMS.
8. Provide technical support to all cooperators in the Recovery Program.
10. Coordinate with program participants to assess possible changes in software or data handling relative to recent advances in technology
11. Provide complete list of stocked fish and recaptures to coordinator

VIII. FY-2004 Work

Deliverables/Due Dates

Maintain Upper Colorado River Basin database management system; summarize data; provide annual listing of all files contained in the Upper Basin database; provide an annual listing of all PIT-tagged fish captured and released in the upper basin. Provide stocking and recapture data to coordinator.

Labor for tasks 1-11

Project Leader (6 weeks @ 1880)	11,280
Fishery Biologist (8 weeks @ 1620)	12,960
Admin. Officer (5 weeks @ 1225)	<u>6,125</u>
Labor Subtotal	30,365
Travel and per diem (Meeting and workshop attendance)	3,000
Office Supplies (Phones, copy machine rental, paper, software, etc.)	1,600
Total	34,965

FY-2005 Work

Maintain Upper Colorado River Basin database management system; summarize data; provide annual listing of all files contained in the Upper Basin database; provide an annual listing of all PIT-tagged fish captured and released in the upper basin. Provide stocking and recapture data to coordinator.

Labor for tasks 1-11	
Project Leader (6 weeks @ 1974)	11,844
Fishery Biologist (8 weeks @ 1620)	13,608
Admin. Officer (5 weeks @ 1287)	<u>6,435</u>
Labor Subtotal	31,887
Travel and per diem (Meeting and workshop attendance)	3,000
Office Supplies (Phones, copy machine rental, paper, software, etc.)	1,900
Total	36,787

IX. Budget Summary

FY-2004 \$34,965
FY-2003 \$36,787

X. Reviewers: Various Service and Recovery Program staff.

XI. References