I. **Project Title:** Interactive Map of the Colorado River Basin

II. **Principal Investigator:**
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III. **Project Summary:** The Recovery Program needs an interpretive map of the Colorado River Basin to provide target audiences with an internet-based geographic context to the program and to graphically demonstrate to the various audiences specifically where and how recovery efforts affect water features and uses. A user-directed, interactive web-based map of the Colorado River Basin will enable the Recovery Program to provide customized information appropriate to specific audience needs. The maps will be available in both electronic and print formats and will be used at public meetings, on the Recovery Program web site, in Recovery Program publications, and to provide to print and broadcast news media. In addition, researchers would have access to the map to highlight specific projects they are involved with.

Recognizing a similar public education need for its own audiences, and that properly done such an interactive map could become a “draw” and increase the name recognition and visibility of its organization, the Public Affairs Committee of the Colorado River Water Users Association voted in 2001 to develop a web-based map of the Colorado River Basin. The Recovery Program had the opportunity to partner with this organization to cooperatively develop a base map that can subsequently be adapted by both organizations for various uses. This partnership would enable the Recovery Program to develop this map in a more cost-effective and timely manner than if it pursued such a project on its own.

The Recovery Program’s Information and Education Committee identified and prioritized the levels of customization needed for the various Recovery Program target audiences and purposes. Once the base map is completed, the Recovery Program will hire a contractor to customize the map for specific Recovery Program needs.

IV. **Study Schedule:**

Initial year: FY 2002  
Final year: Duration of Recovery Program.

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V. Relationship to RIPRAP:

VI. INCREASE PUBLIC AWARENESS AND SUPPORT FOR THE ENDANGERED FISHES AND THE RECOVERY PROGRAM.

VI. Accomplishment of FY 2005 Tasks and Deliverables, Discussion of Initial Findings and Shortcomings:

Tactic: Continue to work with the River District, SW Data Center and the Colorado River Water Users Association to finalize development of a computerized, generic base map of the Colorado River Basin, its major tributaries and diversion structures.

Status: The work product produced by the SW Data Center proved unworkable and the River District had to start over with a new plan to develop the base map. Kevin Reynolds of the Bureau of Reclamation in Salt Lake City began to produce a number of map products to be used on the website. These are to include a map of the entire Colorado River Basin, and maps of both upper and lower basins and individual states. These static images will eventually have an overlay with interactive features. The expected completion date of the static, base maps is February 2006. The completion date for the overlays is still to be determined.

Tactic: Hire contractor to customize the base map.

Status: The Recovery Program initially planned to pursue a contract with the Southwest Data Center to customize the map for Recovery Program use and to update it as needed in the future. Since SW Data Center is no longer a viable option, the Recovery Program will pursue other sources to complete this project.

VII. Recommendations: This project has become much more difficult than anticipated and has had numerous setbacks and delays. It is recommended that the I & E Committee revisit the purpose of this scope of work and identify the project’s status. Based on this information, the scope of work will be revised to keep the project on track and accomplish the goals.

VIII. Project Status: Ongoing
IX. FY 2005 Budget Status

A. Funds Provided: $-0- *
B. Funds Expended: $-0-
C. Difference: $-0-
D. Percent of the FY 2005 work completed, and projected costs to complete: 25%
   *The Colorado River Water Conservation District has an agreement with the
   Bureau of Reclamation for $20,000 to support this project -- $3,000 to help build
   the base map and the remaining $17,000 to customize the map for the Recovery
   Program’s use. Of that amount, $3,000 was expended in FY 2005, leaving a
   balance of $17,000.
E. Recovery Program funds spent for publication charges: Not applicable.

X. Status of Data Submission (Where applicable): n/a

XI. Signed:

Debbie Felker
Information & Education Coordinator

December 9, 2005
Date