

## ***Individual Proposal Report***

**Title:** Richter Brothers Screen (A226)

**Geographic Area:** Sacramento Mainstem

**Primary Stressor Addressed:** Entrainment

**Project Type:** Planning

**Applicant Type and Name:** Private. Henry D. Richter, Jr. (530-735-6721)

**Funding:** The applicant has requested \$49,000, and it is recommended that the entire amount be funded.

**Cost Share:** The applicant will provide long-term operation and maintenance.

**Project Description:** Richter Brothers operates an unscreened 25 cfs diversion on the Sacramento River near Knights Landing. This project includes evaluating screening alternatives, completing environmental documentation, obtaining permits, and preparing design plans.

**ERPP Linkage:** The proposal meets the goals of the Ecosystem Restoration Program Plan (CALFED, Volume II, 28 July 1997) as it should reduce the entrainment of juvenile salmon, steelhead, sturgeon, and splittail into water diversions to levels that will not impair stock rebuilding or species restoration (page 135).

**AFRP Linkage:** This proposal contributes toward making all reasonable efforts to at least double natural production of anadromous fish as it supports the following action and evaluation listed in the Revised Draft Restoration Plan for the Anadromous Fish Restoration Program (USFWS, 30 May 1997): (1) Continue to implement the Anadromous Fish Screen Program (Upper Mainstem Sacramento River Action 6, page 37); and (2) Identify the extent of entrainment of juvenile sturgeon at diversions and pumps and minimize entrainment, if substantial (Upper Mainstem Sacramento River Evaluation 9, page 40).

**Applicant's Proposed Monitoring:** Once the screen is installed, the applicant proposes to work with the Anadromous Fish Screen Program (AFSP) Technical Team to formulate and implement a program to test and evaluate the performance of the project. CALFED staff will review the proposed monitoring plan and revise as necessary.