

Individual Proposal Report

Title: Anderson-Cottonwood Irrigation District Fish Passage (A215)

Geographic Area: Sacramento Mainstem

Primary Stressor Addressed: Barriers and Straying

Project Type: Planning

Applicant Type and Name: Local Government/District. Dee Swearingen, Anderson-Cottonwood Irrigation District, (530) 365-7329.

Funding: The applicant has requested \$575,000. The Integration Panel has recommended funding \$325,000 from 1998 Category III funds, with the remainder (\$250,000) to come from federal CVPIA funds.

Cost Share: The applicant will incur management and administrative costs. The Department of Fish and Game will contribute \$50,000 of Proposition 70 funds to support fish screen design and engineering.

Project Description: The ACID operates a diversion dam on the Sacramento River approximately 3.5 miles south of Keswick Dam. Problems of fish passage and migration of chinook salmon and steelhead have been documented for years. The District proposes to correct these problems through construction of fish-friendly facilities. This proposal is for the first phase of work: completion of design documents, environmental documentation, and construction bid documents. Facilities will be constructed in a separate phase of work.

ERPP Linkage: The proposal meets the goals of the Ecosystem Restoration Program Plan (CALFED, Volume II, 28 July 1997) as it should reduce blockage to fish migrations at the ACID dam (page 136).

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) Implement operational modifications to Anderson-Cottonwood Irrigation District's diversion dam to eliminate passage and stranding problems for chinook salmon and steelhead adults and early life stages; eliminate toxic discharges from the canal and implement structural modifications to improve the strength of the fish screens (Upper Mainstem Sacramento River Action 10, page 38); 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 installed, it is proposed that a monitoring program will be

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established in coordination with the CDFG, USFWS, and NMFS to evaluate the effectiveness of the facilities. Monitoring will include the installation of fish counting devices and a ladder performance evaluation program. CALFED staff will review the proposed monitoring plan and revise as necessary.