

Individual Proposal Report

Title: Sand and Salt Creek Watershed Project (F189)

Geographic Area: Sacramento Tributaries/Colusa Basin

Primary Stressor Addressed: Water Quality

Project Type: Implementation

Applicant Type and Name: Local Government/District. Roney Gutierrez, Colusa County Resource Conservation District, (530) 458-2931.

Funding: The applicant has requested \$598,633 and it is recommended that full funding be provided.

Cost Share: The participating landowners will provide a 25% cost share (\$108,000) for the Resource Management System Plans and the Colusa County Department of Public Works has budgeted approximately \$1.4 million for planning and land acquisition related to improving drainage within the project area.

Project Description: This watershed management project is designed to assist private landowners address non-point source pollution associated with grazing, almond orchards, and irrigated cropland. Management practices designed to reduce surface runoff containing pesticide residues and sediment will be implemented at twenty selected sites. In addition, grade stabilization structures will be constructed within the watershed.

ERPP Linkage: The proposal meets the goals of the Ecosystem Restoration Program Plan (CALFED, Volume II, 28 July 1997) as it should establish a desirable sediment deposition level in the Colusa Basin Drain (page 200), and reduce the adverse effects of herbicides, pesticides, fumigants, and other agents that are toxic to fish and wildlife in the Colusa Basin Ecological Zone (page 203).

AFRP Linkage: This proposal contributes toward making all reasonable efforts to at least double natural production of anadromous fish as it supports the following evaluation listed in the Revised Draft Restoration Plan for the Anadromous Fish Restoration Program (USFWS, 30 May 1997): Investigate the feasibility of restoring the access of anadromous fish to westside tributaries through development of defined migrational routes, sufficient flows, and adequate water temperatures (Colusa Basin Drain Evaluation 1, page 68).

Applicant's Proposed Monitoring: A monitoring program will compare the quantity and/or quality of soil and water that is entering each site against that which is leaving each site. Monitoring parameters include soil erosion, sedimentation, infiltration, runoff, and pesticide concentrations. CALFED staff will review the proposed monitoring plan and revise as necessary.