

CONTINUING CATEGORY III NEAR-TERM PROJECTS

April 1996

Extension of the Biologically Integrated Orchard Systems (BIOS) Program

Proponent:	Community Alliance With Family Farmers Foundation	
Term of agreement:	Three year program beginning October 1, 1995	
Estimated project cost:	\$660,000	
Funding commitment:	Category III	\$660,000

Description:

The BIOS project is a three-year information and technology transfer and pollution prevention program for eliminating or reducing use of diazinon and other pesticides used in almond production. Category III funding will be utilized to expand the BIOS project into Madera, San Joaquin and Colusa counties.

Status:

A Category III funding agreement has been executed. Management teams for Madera and San Joaquin counties are preparing for community outreach and grower recruitment. The Colusa county management team is being assembled. A media event is being planned for late-spring or early-summer.

Suisun Marsh Wetland Screening Project (Phase I)

Proponent:	Suisun Resources Conservation District	
Term:	October 1, 1995 - December 31, 1996	
Estimated project cost:	\$900,000	
Funding commitment:	Category III	\$450,000
	CVPIA	\$450,000

Description:

The project will reduce mortality of downstream migrant salmonid, delta smelt and splittail by providing fish screens for five water diversions located in the Suisun Marsh.

Status:

Suisun Resource Conservation District has executed the following: a) agreements for funding from CVPIA and Category III; b) a turnkey contract for performance of all work including the planning, design and construction; and c) agreements with landowners for installation of the five screens. The project is on schedule and will be in operation by December 31, 1996.

M&T/Parrott Pumping Station Relocation and Fish Screen

Proponent:	Ducks Unlimited, Inc.	
Term of agreement:	December 22, 1995 to December 31, 1996	
Estimated project cost:	\$4,370,000	
Funding commitment:		
	Category III	\$1,550,000
	CVPIA	\$2,170,000
	Wildlife Conservation Board	\$500,000
	Ducks Unlimited	\$150,000

Description:

This project will help restore Big Chico salmon and steelhead populations by relocating the M&T Ranch Pumping Station from Big Chico Creek to the Sacramento River and installing a positive barrier fish screen. The current operations of the unscreened M&T pumps create streamflow reversals which have caused a 100% loss of downstream migrants during the critical downstream migration period for spring-run chinook salmon. Further, migrating adult spring-run chinook salmon in the Sacramento River have difficulty locating the mouth of the Big Chico Creek during flow reversals.

Status:

All funding agreements are executed. Ducks Unlimited is preparing the NEPA/CEQA documents and has filed requests for regulatory permits. Originally, Ducks Unlimited planned the project construction in two phases to meet the narrow window for construction on the river. Phase I was for prepurchase of materials and equipment. Because the window was extended by two months to August 15, Ducks Unlimited will be able to construct the project in one phase. Ducks Unlimited has completed the final design and bid documents for pump intake line, levee cut and backfill, piling installation, fish screen installation and the pumping plant. Bids for construction will be opened on April 16, 1996. Schedule calls for project to be in operation by December 31, 1996.

Sacramento River Levee Berm Riparian Habitat Restoration Project

Proponent: Wildlife Conservation Board
Term of agreement: August 1996 to July 1999
Estimated project cost: \$540,000
Funding commitment:
Category III \$400,000
Wildlife Conservation Board \$140,000

Description:

The project will consist of planting native riparian vegetation on riverside levee toe berms and riprapped waterward edges along the Sacramento River between Verona and Colusa. The project would utilize locally available vegetation, and would require approximately three-year post-planting maintenance, consisting mainly of watering, weeding, and monitoring. Each site is a nearly-level berm approximately forty-feet wide. The project will create nearly ten acres of riparian habitat where none presently occurs.

Status:

Ducks Unlimited may become a funding partner. The Category III funding agreement is being prepared for approval by the Wildlife Conservation Board in August 1996. This project was delayed by local landowners who are currently developing a Memorandum of Understanding with The Reclamation Board and the local reclamation district to address concerns on flood control, endangered species and levee maintenance. Planting will be initiated in the fall and completed during early spring 1997.

Durham Mutual Water Company Diversion Dam Fish Screen and Fish Ladder

Proponent: Durham Mutual Water Company
Term: June 1996 to December 31, 1996
Estimated project cost: \$633,000
Funding commitment:
Category III \$316,500
CVPIA \$316,500

Description:

This project will improve the upstream and downstream passage of adult and juvenile spring-run chinook salmon and steelhead by constructing a fish ladder and fish screen at Durham Dam on Butte Creek.

Status:

A Category III funding agreement has not been executed for this project. The project was delayed by a proposed change in project proponent and project management from The Nature Conservancy to Durham Mutual Water Company. Costs have increased approximately by \$30,000 for right-of-way, permitting, design and construction since Category III funding was approved in 1995. Project proponent is seeking additional funds to cover increased costs.

Sacramento River Winter-Run Chinook Salmon Captive Broodstock Program

Proponent: Pacific Coast Federation of Fishermen's Association
(via Department of Water Resources)

Term of agreement: July 1, 1995 to June 30, 1996

Estimated project cost: \$1,160,000 (O&M)

Funding commitment:

Category III	\$300,000
Department of Water Resources, Department of Fish and Game, and U.S. Bureau of Reclamation	\$210,000
Other Federal	\$650,000

Description:

This project will benefit the federally endangered winter-run chinook salmon by rearing winter-run chinook salmon under controlled conditions until the salmon become reproductively mature adults. These mature adults will then be used as hatchery broodstock for continued propagation of the race.

Status:

Category III funding agreement is with the Department of Water Resources because overhead costs will be lower. Department of Water Resources is preparing a scope of work for the Category III funding agreement and is waiting for information from the Bodega Bay Institute.