

SPONSOR

U S Bureau of Reclamation

RECORD TYPE

Project

PROGRAM OVERSEEING EFFORT

N/A

REFERENCE NUMBER

N/A

CONTRACT NUMBER

N/A

STATUS

Active (0%)

TARGET DATES

Start 7/1/2012

End 9/30/2017

FUNDING

Total Proposed Funding

\$16,142,622

Total Actual Funding

\$16,142,622

Fund Sources

Reclamation - CA Bay-Delta Restoration
Reclamation - ARRA - Water and Related
Resources

Budget Reference

Federal

Delta View ID: USBR_099

Contra Costa Rock Slough Fish Screen

"The Contra Costa Canal (Canal) is part of the Central Valley Project's Delta Division. Water from the Sacramento-San Joaquin Delta is diverted at Rock Slough conveyed to the beginning of the Canal. This Canal a major water supply and delivery system for the CCWD. In 2010 using ARRA funding Reclamation constructed the Rock Slough Fish Screen to keep sensitive fish from entering the Canal intake. The project fish screen was substantially complete in November 2011.

There have been operational problems primarily associated with the automated debris handling system. During initial testing of the rakes system in 2011 and 2012 adult hatchery salmon and steelhead were entrapped by the buckets and conveyor system that is used to maintain low approach velocities.

A re-design effort has been active since July 2012 to produce new specifications for removing and replacing the rake system. Efforts to implement/test in late 2013 and 2014 the new design specifications on a prototype rake have been constrained by ongoing environmental issues including the need to consult with NMFS and USFWS and nesting birds at the RSFS. This project will finalize the re-design and implement various fish screen improvements including new rakes and buckets, new safety deck and new boat launches upstream and downstream of the RSFS. Monitoring of fish response to the automated debris handling system is also ongoing, having been initiated in November 2011 when the first salmon entrapped was identified."

CONTACTS

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ALIGNMENT WITH THE DELTA PLAN

GOAL

Protect, Restore, and Enhance the Delta Ecosystem

CORE STRATEGY

ER CS 2

Delta Ecosystem

Ch 4 - ER policies and recommendations: Restore habitat

PERFORMANCE MEASURE(S)

ER R2-01

Prioritize and Implement Projects that Restore Delta Habitat

Bay Delta Conservation Plan implementers, California Department of Fish and Wildlife, California Department of Water Resources, and/or the Sacramento-San Joaquin Delta Conservancy identify number of projects and amount of funding for priority habitat restoration projects.

COORDINATING BODIES

N/A

TYPE

Infrastructure Improvement, Restoration

HYDROLOGIC REGION(S)

Delta

TOPICS

Fish Screens, Fish Passage

ALIGNMENT

