

SPONSOR

Department of Fish and Wildlife

RECORD TYPE

Project

PROGRAM OVERSEEING EFFORT

Ecosystem Restoration Program (ERP)

REFERENCE NUMBER

ERP-11D-S22

CONTRACT NUMBER

E1183021

STATUS

Completed (100%)

TARGET DATES

Start 3/1/2012

End 2/28/2015

FUNDING

Total Proposed Funding

\$57,022

Total Actual Funding

\$146,058

Fund Sources

Proposition 84 - 6051

Budget Reference

001-099 - State Operations

Delta View ID: DFW_273

Water Quality Effects on Survival, Growth, and Feeding Performance in Larval Delta Smelt (*Hypomesus transpacificus*) from the Sacramento-San Joaquin Delta

Recovery of Delta smelt is dependent on the determination of life-stage specific impacts that anthropogenic stressors have on the population. The primary objective of this study is to evaluate the effects of waterborne contaminants on Delta smelt. This will increase the limited knowledge on an endangered fish species and makes use of hatchery fish that would be euthanized if not used here.

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.

CORE STRATEGY

ER CS 3

Delta Ecosystem

Ch 4 - ER policies and recommendations: Improve water quality to protect the ecosystem

PERFORMANCE MEASURE(S)

WQ R5-01

Complete North Bay Aqueduct Alternative Intake Project

The California Department of Water Resources completes the North Bay Aqueduct Alternate Intake Project Environmental Impact Report by July 1, 2012.

WQ R8-01

Completion of Regulatory Processes, Research, and Monitoring for Water Quality Improvements

The State Water Resources Control Board develops a proposed policy for nutrients for inland surface waters of the state by January 1, 2014.

WQ R9-01

Implement Delta Regional Monitoring Program

A Sacramento-San Joaquin Delta regional water quality monitoring program is developed.

COORDINATING BODIES

N/A

TYPE

Research/Study

HYDROLOGIC REGION(S)

San Joaquin, Delta

TOPICS

At-Risk Species Assessment