

**SPONSOR**

Department of Fish and Wildlife

**RECORD TYPE**

Project

**PROGRAM OVERSEEING EFFORT**

Ecosystem Restoration Program (ERP)

**REFERENCE NUMBER**

ERP-11D-S03

**CONTRACT NUMBER**

E1183017

**STATUS**

Active (80% - 99%)

**TARGET DATES**

**Start** 2/1/2012

**End** 2/1/2016

**FUNDING**

**Total Proposed Funding**

\$105,391

**Total Actual Funding**

\$246,610

**Fund Sources**

Proposition 50 - 6031

**Budget Reference**

490-494 - Reappropriation - State Operations

Delta View ID: DFW\_271

**Ecological Performance of Fishes in an Ever-changing Estuary: The Effects of Nutritional Status on Environmental Stress Tolerance in Sturgeon**

The purpose of the project is to do a systematic study designed to establish the relationship between nutritional status, an indicator of dietary quality and quantity, and physiological performance of green and white sturgeon when faced with key environmental stressors.

**CONTACTS**

**Delta Stewardship Council**

Lita Brydie *916 445 0769*

Lita.Brydie@deltacouncil.ca.gov

**Agency Budget Contact**

James Croft *916-445-2018*

James.Croft@wildlife.ca.gov

**Agency Program Supervisor**

Dave Zezulak *(916) 445-3960*

dzezulak@DFW.ca.gov

**Agency Project Manager**

Jason Roeh *(916) 445-0629*

jason.roeh@wildlife.ca.gov

## ALIGNMENT WITH THE DELTA PLAN

### GOAL

Governance

### CORE STRATEGY

#### ER CS 3

Delta Ecosystem

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

### *PERFORMANCE MEASURE(S)*

#### WQ R8-02

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

The State Water Resources Control Board and Regional Water Quality Control Boards begin implementation of a study plan for the development of objectives for nutrients in the Sacramento-San Joaquin Delta and Suisun Marsh by January 1, 2013, and complete studies by January 1, 2016.

#### WQ R9-01

#### **Implement Delta Regional Monitoring Program**

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

### CORE STRATEGY

#### ER CS 4

Delta Ecosystem

Ch 4 - ER policies and recommendations: Prevent introduction of and manage nonnative species impacts

### *PERFORMANCE MEASURE(S)*

#### ER P5-01

#### **Avoid Introductions of and Habitat Improvements for Invasive Nonnative Species**

100 percent of all proposed actions that have the reasonable probability of introducing, or improving the habitat conditions for, nonnative invasive species have demonstrated that the potential for new introductions of and/or improved habitat conditions for nonnative invasive species have been fully considered and avoided or mitigated in a way that appropriately protects the ecosystem.

**COORDINATING BODIES**

N/A

**TYPE**

Research/Study

**HYDROLOGIC REGION(S)**

Delta

**TOPICS**

At-Risk Species Assessment