

California Little Kern Watershed Assessment - Lion Fire

State(s): California

Managing Agency/Organization: California Department of Fish and Game

Type of Organization: State Government

Project Status: Completed

Project type: WNTI Project

Project action(s): Water quantity, Water quality, Watershed

Trout species benefitted: Little Kern Golden Trout

This project will monitor and evaluate the effects of post-fire (2011 Lion Fire) habitat changes on Little Kern golden trout population structure and genetics. It will provide baseline data on population structure and genetic information to evaluate climate change on LKGT populations. Fish migration barrier effectiveness that may be affected by the fire will be evaluated. If barrier problems arise a plan will be developed and implemented to restore barrier effectiveness. Refugial populations will be established if needed.

The first phase of the evaluation was completed in 2013.

The project was completed in 2014.

Objectives:

- Determine impacts of Lion Fire in watershed

Partners:

- Cal Trout
- Trout Unlimited
- UC - Davis

Measures:

- Number of Fish Populations Impacted

Funding Source(s):

- National Fish Habitat Action Plan

Project cost: \$155,000.00

Start Date: 07/01/2012 **Completion Date:** 10/01/2014

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