

**STATE OF CALIFORNIA  
SIERRA NEVADA CONSERVANCY**

**Sierra Nevada Conservancy Grant Program  
Safe Drinking Water, Water Quality and Supply, Flood Control,  
River and Coastal Protection Act of 2006 (Proposition 84)**

**Applicant:** EL DORADO IRRIGATION DISTRICT

**Project Title:** HAZEL CREEK AND HAZEL CREEK CAMPGROUND RESTORATION

**Subregion:** CENTRAL SIERRA

**County:** EL DORADO

**SNC Funding:** \$153,446.00

**Total Project Cost:** \$695,766.00

**Application Number:** 322

**Final Score:** 94.7

**PROJECT SCOPE**

The Hazel Creek and Hazel Creek Campground Restoration project will improve and protect the water quality of Hazel Creek and Jenkinson Lake (a water supply reservoir) in El Dorado County's Sly Park Recreation Area. Project due diligence work will result in complete restoration designs and permit applications to stabilize creek banks, remove non-native vegetation, create riparian buffer zones, protect revegetated areas with 50-foot setbacks, and construct a safety access bridge over the creek. The project will result in restoring the native riparian vegetation and wildlife habitat of Hazel Creek and Hazel Creek Campground and enhance public recreation.

Firm outcomes that will be delivered through the SNC grant include:

- Tree and Topographic Survey
- Preliminary Construction Design: conceptual
- Design and construction bid documents finalized
- CDFG - Streambed Alteration Agreement
- RWQCBCV 401 Certification
- UCACE 404 Nationwide Permits #27 and #14
- Section 7 consult with FWS

## PROJECT SCHEDULE

<b>DETAILED PROJECT DELIVERABLES</b>	<b>TIMELINE</b>
Tree and topographic survey	June 2011
Preliminary construction design 30% complete	August 2011
Preliminary construction design 60% complete	September 2011
Preliminary construction design 90% complete	October 2011
Complete ready-to-go Design and Construction Bid Documents	December 2011
CDFG Streambed Alteration Agreement	December 2011
RWQCBV 401 Certification	December 2011
USACE 404 Nationwide Permits #27 and #14	December 2011
Section 7 Consult with FWS	December 2011
Progress Report	December 2011
<b>FINAL REPORT/FINAL PAYMENT REQUEST</b>	<b>March 2012</b>

## PROJECT COSTS

<b>PROJECT BUDGET CATEGORIES</b>	<b>TOTAL SNC FUNDING</b>
Tree and Topographic Survey	\$17,850.00
30% Restoration/Construction Design	17,325.00
60% Restoration/Construction Design	21,000.00
90% Restoration/Construction Design	14,700.00
Complete Design and Construction Bid Documents	8,400.00
CDFG Streambed alteration Agreement 1600	8,000.00
RWQCBV 401 Certification	7,000.00
USACE 404 Nationwide Permits and Section 7 Consult	26,000.00
Technical Project Management (15%)	18,041.00
Project Performance Measures and Reporting	8,234.00
Project Administration (5% Direct Costs)	6,916.00
<b>SNC GRANT TOTAL</b>	<b>\$153,466.00</b>

## PROJECT SUPPORT LETTERS

- (Resolution) County of El Dorado, Development Services Department, Planning Services
- (Resolution) County of El Dorado, Board of Supervisors
- Sly Park Resort
- Community Economic Development Association of Pollock Pines
- State of California, Department of Fish and game, Office of Spill Prevention and Response
- Placerville City Council

## **PROJECT PERFORMANCE MEASURES**

There are four Performance Measures common to all grants. In addition, grantees are required to include between one and three project-specific measures. Performance Measures listed here represent those proposed by applicants and may be modified through further discussion with SNC staff.

- Number of Collaboratively Developed Plans and Assessments
- Percent of Pre-project and Planning Efforts Resulting in Project Implementation
- Measurable Changes in Knowledge and Behavior

## 6. PROJECT SUMMARY

### PROJECT SUMMARY

**County:** El Dorado

**Applicant:** El Dorado Irrigation District

**Project Title:** Hazel Creek and Hazel Creek Campground Restoration Design and Permitting

### PROJECT GOAL

To protect the water quality of Hazel Creek and Jenkinson Lake, restore the native riparian vegetation and wildlife habitat of Hazel Creek and Hazel Creek Campground, and enhance public recreation.

### PROJECT SCOPE

EID proposes to use SNC grant funds to develop a complete restoration design and file permits for Hazel Creek and Hazel Creek Campground Restoration Project. The restoration will include stabilizing Hazel Creek banks, removing non-native vegetation, re-creating a riparian buffer zone along the creek, protect re-vegetated areas and creek with 50 foot setback buffer zone and natural barriers, and construct all weather safety access bridge over the creek. To accomplish the restoration of the creek, seven campsites and the associated access road will be removed, along with reconfiguring remaining campsites according to SPRA Master Plan standards. Two campsites will be replaced with cabins at the Hazel Creek buffer/campground interface. Re-establish native vegetation in the campground, installing barriers, provide access controls and interpretive signage to protect native habitats and provide educational opportunities and safety information. A new bridge over Hazel Creek would be added to provide emergency access to the back of Sly Park and to provide a dedicated access for bicycles and horses to cross over the creek without causing impacts to Hazel Creek and Jenkinson Lake.

The combined restoration of Hazel Creek and the Hazel Creek Campground areas consist of approximately 3.5 acres and will implement a part of the SPRA Master Plan, which has been adopted by the EID Board of Directors and permitted by the El Dorado County Board of Supervisors. The deliverables will be a complete design plan for restoration of Hazel Creek and the adjacent campground, and permits from the Department of Fish and Game, Regional Water Quality Control Board, Central Valley Region, and the U.S. Army Corps of Engineers.

The project addresses all of the program areas identified by SNC in the *Final Grants Guidelines* for fiscal year 2010/11.

### LETTERS OF SUPPORT

The proposed project has a large community support. El Dorado County Board of Supervisors has provided a Resolution of support, as well as a proclamation of support from the City of Placerville's City Council. Letters of support for the project have been received from Sly Park Resort in Pollock Pines, the Community Economic Development Association of Pollock Pines, and the California Department of Fish and Game (Checklist Item 20).

### SNC PROJECT DELIVERABLES AND SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
1.0 Tree and topographic Survey	June 2011
2.0 Preliminary Construction Design 30% Complete – This is a conceptual design that is the explicit construction of the ideas of the Master Plan, with measureable objectives and constraints.	August 2011
3.0 Construction Design 60% Complete – Provides the best approach for meeting project objectives maintaining optimal safety for the project in the most environmentally and economically sound way with input from the stakeholder committee.	September 2011
4.0 Construction Design 90% Complete – Construction plans and specifications laid out to nearly complete with only minimal comments and changes.	October 2011
5.0 Complete ready-to-go Design and Construction Bid Documents	December 2011
6.0 CDFG Streambed Alteration Agreement	December 2011
7.0 RWQCBCV 401 Certification	December 2011
8.0 USACE 404 Nationwide Permits #27 and #14	December 2011
9.0 Section 7 consult with FWS	December 2011

### SNC PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Tree and Topographic Survey	\$ 17,850
30% Restoration/Construction Design	\$ 17,325
60% Restoration/Construction Design	\$ 21,000
90% Restoration/Construction Design	\$ 14,700
Complete Design and Construction Bid Documents	\$ 8,400
CDFG Streambed Alteration Agreement 1600	\$ 8,000
RWQCB-CV 401 Certification	\$ 7,000
USACE 404 Nationwide Permit and Section 7 Consult	\$ 26,000
Technical Project Management (15%)	\$ 18,041
Project Performance Measures and Reporting	\$ 8,234
Project Administration (5% Direct Costs)	\$ 6,916
<b>SNC GRANT TOTAL</b>	<b>\$ 153,466</b>