

**STATE OF CALIFORNIA
SIERRA NEVADA CONSERVANCY**

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

Applicant: Honey Lake Valley Resource Conservation District

Project Title: Diamond Mountain Forest and Meadow Restoration

Subregion: North

County: Lassen

SNC Funding: \$273,735.00

Total Project Cost: \$394,235.00

Application Number: 510

Final Score: 91

PROJECT SCOPE

Vegetation treatment in this project will include mechanical thinning on approximately 420 acres; hand thin, prune, and slash disposal on +/- 48 acres; and removal of conifers under 12" in diameter from +/- 9 acres on two meadows. Woody debris and biomass generated will be utilized to the maximum extent feasible for chips to be delivered to a waste generation facility or for fuelwood with revenue offsetting project costs.

Individual prescriptions will be designed on a stand-by-stand basis. Tree thinning will be designed to reduce crown bulk density, and increase spacing between leave trees so that tree crowns are not touching with variable spacing between 6 to 20 feet between tree boles. The focus will be trees less than 12" diameter at breast height. Pockets will be left untreated to provide habitat variety.

Tree pruning is designed near residences and along access corridors to further reduce the potential ladder fuel effect of branches close to the forest floor. Trees of any size will be pruned. Larger trees will be pruned up to 12" in height above the ground. Smaller pine trees will be pruned to a height not greater than one half of their total height. Slash in hand treated areas will be piled and burned, removed, chipped or masticated.

Mechanical thinning will utilize a "commercial thinning" prescription under the NTMPs to increase the average tree size as a result of harvesting. Woody material from mechanical operations will be converted to chips and delivered to a local power plant. All mechanized operations will comply with the Northern Forest District Rules under the California Forest Practices Act. Piling and burning will comply with the rules and

standards of the local Air Quality Control District and Lahontan Water Quality Control Board.

Aspen and oak enhancement will involve harvesting small conifer trees developing in the understory of the hardwood species and will be accomplished as part of tree thinning. Most invading conifers will be removed from three meadows to maintain native grass/meadow habitat.

PROJECT SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Complete Memo of Understanding between HLVRCD & landowners	August 30, 2012
Begin field work – project layout	September 2012
Advertise project work	September 30, 2012
Receive bids & negotiate forest & meadow restoration contracts	October 15, 2012
Begin project work	October 22, 2012- December 21, 2012
Six Month Progress Reports	January 30, 2013 and July 30, 2013
Complete mechanical operations	October 15, 2013
Complete pile burning	November 15, 2013
FINAL PAYMENT/FINAL PAYMENT	December 30, 2013

PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Direct*	\$248,850
Indirect**	0
Administrative***	24,885
GRAND TOTAL	\$273,735

* Direct: Direct costs are expenses necessary to acquire, construct, or to adapt property to a new or different use, or to improve property including land, buildings and equipment. The property/expense must have a useful life longer than one year.

** Indirect: Expenses involve ongoing operations, repair or maintenance costs, regardless of whether the repair or maintenance may last more than one year.

*** Administrative: Expenses associated with the administration of a project and may not exceed 15 percent of the total SNC grant request for direct and indirect costs.

PROJECT LETTERS

- Support
 - Eagle Lake District, Lassen National Forest
 - Lassen County Board of Supervisors
 - Cal Fire, Lassen-Modoc Cal Fire Unit
 - Natural Resources Conservation Service
 - Susan River Fire Protection District
 - W.M. Beatty & Associates

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 People Reached
- Dollar Value of Resources Leveraged for the Sierra Nevada
- Number and Type of Jobs Created
- Number of New, Improved or Preserved Economic Activities
- Acres of Land Improved or Restored