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: **American River Conservancy**

Project Title: **Leek Springs Meadow Restoration- Baseline Monitoring, Assessment and Restoration Plan**

Subregion: **Central**

County: **El Dorado**

SNC Funding: **$65,364**

Total Project Cost: **$108,693**

Application Number: **519**

Final Score: **73.25**

PROJECT SCOPE

This project will complete biological and hydrological site assessments and use remote-sensing data and historical aerial imagery to complete a conceptual restoration design plan, necessary permitting, and CEQA/NEPA documentation to implement the restoration of a high-elevation wet meadow system at Leek Springs in El Dorado County, California.

The project area is located at the headwaters of the North Fork Cosumnes River, located in El Dorado and Amador Counties and includes 614 square miles of forested land base that drains west from the crest of the central Sierra Nevada.

Preliminary site visits have identified areas of degradation, including an incised stream channel, the encroachment on the meadow by xeric vegetation types (pine and fir) and the disconnection of channel from the meadow floodplain, hindering the meadow's ability to function properly.

PROJECT SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Convene Stakeholder Meeting; create MOU	October 2012
Base map	December 2012
Convene Stakeholder Management Meeting	July 2013
Conduct Biological Surveys (amphibians, mammals, birds) Collect BMI samples	August – September 2013
Convene a Technical Workshop	July 2014

Surface water model	September 2014
Ground water model	September 2014
Hydrology Report	September 2014
Design Workshop Conclusions Report	October 2014
Preliminary restoration plan	December 2014
CEQA Documentation	December 2014
NEPA Documentation (if required)	December 2014
Six Month Progress Reports (4)	March 2013, September 2013, March 2014, September 2014
Final Report	January 2015
FINAL PAYMENT/FINAL PAYMENT REQUEST	**January 2015**

PROJECT COSTS

PROJECT BUDGET CATEGORIES	**TOTAL SNC FUNDING**
Direct*	
Project Management and Coordination	$13,735
Equipment: wildlife, groundwater and streamgage monitoring	$5,500
Contract: aerial survey	$5,500
Contract: GIS work	$2,500
Contract: Biological Surveys	$3,600
Contract: BMI collections and lab work	$12,000
Contract: Engineering and Hydrology Model/ Planning Rpt Development	$12,000
Contract: Preliminary Restoration Plan Development	$3,000
Travel Expenses	$1,650
Clerical Support/bookkeeper	$840
Indirect**	
Printing	$600
Workers Compensation Insurance	$714
Performance Measures Reporting	$540
Outreach materials	$300
Administrative***	$2,895
GRAND TOTAL	**$65,374**

* 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/OPPOSITION

- CA Department of Fish and Game
- PRBO Conservation Science

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