

Agenda item X Exhibit C

ALL NON-GEOGRAPHIC RECOMMENDED APPLICATIONS \$4.007 Million

March 3, 2011

Score	Subregion	County	Project #	Project Title	Applicant Organization	Application Type	Total
97.4	South Central	Calaveras	361	*Rodden Ranch Conservation Easement	The Trust for Public Land	Category One	\$408,426
95.6	Central	Placer	331	*Bruin Ranch Property Acquisition	Placer Land Trust	Category One	\$150,000
95.3	South Central	Mariposa	443	Stockton Creek Preserve and Trail	Mariposa Public Utility District	Category One	\$1,000,000
94.7	Central	El Dorado	322	*Hazel Creek and Hazel Creek Campground Restoration	El Dorado Irrigation District	Category Two	\$3,466
94.2	Central	Placer	421	Complying with CEQA for Forest Management: Natural & Cultural Resource Surveys in Coldstream Canyon - Donner Memorial State Park	California Department of Parks and Recreation	Category Two	\$59,816
92.9	East	Alpine	365	*Markleeville Creek Restoration Project	Alpine Watershed Group	Category Two	\$17,514
91.8	East	Inyo	448	Lone Pine Water Reclamation Feasibility Study	Mojave Desert-Mountain Resource Conservation and Development Council	Category Two	\$121,440
91.7	Central	El Dorado	327	Camp Sacramento Erosion Control and Habitat Improvement Project	El Dorado County Resource Conservation District	Category Two	\$144,300
91.6	North Central	Nevada, Sierra	325	*Webber Lake and Lacey Meadow Acquisition	Truckee Donner Land Trust	Category One	\$760,000
91.3	South	Madera	317	*Willow Creek Watershed Restoration Planning Project	Coarsegold Resource Conservation District	Category Two	\$36,126
91.2	North	Lassen, Modoc	419	*Lower Ash Creek Wildlife Area Restoration Project	Pit Resource Conservation District	Category One	\$176,438
90.8	East	Alpine	420	Hope Valley Meadow Restoration	American Rivers	Category Two	\$129,000
90.3	South	Kern	412	Pre-acquisition Work on Four Strategic Land Conservation Projects	Sequoia Riverlands Trust	Category Two	\$198,500
90.3	South	Kern, Tulare	434	Rudnick Ranch Acquisition	The Nature Conservancy	Category One	\$500,000
90.3	South	Tulare	358	Long Meadow Restoration Project	USDA Forest Service-Sequoia National Forest	Category Two	\$72,320
90.2	Central	Nevada	407	Humbug Creek Watershed Assessment and Management Plan	The Sierra Fund	Category Two	\$197,592
90.1	North	Lassen	399	*South Ash Valley Watershed Restoration Project	Lassen County Fire Safe Council	Category One	\$32,062
Grand Total							\$4,007,000

* Projects are being recommended for funding from both the Subregional and the non-geographic pots.

* Project descriptions for projects funded solely from the Subregional pot or with split funding will appear following Exhibit B organized by Subregion.

* Project descriptions for projects funded solely from the non-geographic pot will appear following Exhibit C.

If you click on the Project Number, the link will open the Staff Project Summary.

If you click on the Project Title, the link will open the full application. Note - the full application files are large PDF files that may take a while to open.

Category One projects are Acquisition or Site Improvement/Restoration projects.

Category Two projects are Pre-Project Planning projects.

**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: MARIPOSA PUBLIC UTILITY DISTRICT
Project Title: STOCKTON CREEK PRESERVE AND TRAIL
Subregion: SOUTH CENTRAL
County: MARIPOSA
SNC Funding: \$1,000,000.00
Total Project Cost: \$1,088,888.00
Application Number: 443
Final Score: 95.3

PROJECT SCOPE

This project will allow the Mariposa Public Utility District (MPUD) to acquire a critical portion of the Stockton Creek watershed. Stockton Creek is a seasonal stream located in the Sierra foothills within Mariposa County, approximately one mile northeast of the town of Mariposa. Located within the watershed is the Stockton Creek dam and reservoir built in 1950 to supply water to the community of Mariposa. The Stockton Creek reservoir is still the primary source of drinking water for MPUD. The watershed itself is an important natural and recreational resource for the community.

The health of the Stockton Creek is integral to the protection of the public water supply. The proposed project is consistent with Proposition 84 goals and objectives, as well as a wide range of SNC goals. It will create a much-needed recreational outlet for the community and make Mariposa a more attractive destination to visitors. The vegetation management proposed will restore and maintain the natural condition of the project area. The project will also reduce the risk of natural disasters, such as wildfire, as this area is in great need of fuel modification, which is part of the management proposed for the acquisition area. Improved water quality will be realized with initial project fuel modifications and continued vegetation management. This project involves the following APNs: # 012-011-001; # 012-150-054; # 012-150-031; and a portion of # 012-150-056. Estimated total amount of resources leveraged for this project is \$88,888.

PROJECT SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Complete property survey, property & easement descriptions	August 2011
Complete Management Plan	August 2011
Complete lot line adjustments	November 2011
Submit six month report to SNC	November 2011
Final agreement with property owner, title search, escrow and title transfer	January 2012
MPUD Board establish project policies	February 2012
Complete trail development and construction; Implement road Access Improvements and erosion control measures	April – June 2012
Submit twelve month report to SNC	May 2012
Vegetation survey & forester recommendations/ Fire hazard/fuel modification	July-September 2012
Boundary signs erected	October 2012
Trailhead stations installation	November 2012
Submit 18 month report to SNC	November 2012
Public Notification	December 2012
Agency & public project introduction	February 2013
Submit Final Report to SNC	April 2013
FINAL PAYMENT/FINAL PAYMENT REQUEST	June 1, 2013

PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Property Purchase in fee	\$1,000,000.00
GRAND TOTAL	\$1,000,000.00

PROJECT SUPPORT LETTERS

- Sierra Business Council
- Sierra Foothill Conservancy
- CAL FIRE
- Mariposa County Board of Supervisors
- Yosemite Area Audubon Society
- Mariposans For The Environment And Responsible Government
- California Department of Public Health

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.

- Linear Feet of Stream Bank Protected or Restored
- Number of New Recreation Access Points
- Number of Significant Sites Protected or Preserved
- Acres of Land Conserved
- Acre Feet per Annum of Water Supply Conserved or Enhanced
- Feet of Trail/Path Constructed or Improved
- Number of Collaboratively Developed Plans and Assessments

6. PROPOSED STOCKTON CREEK PRESERVE AND TRAIL SUMMARY

The Mariposa Public Unity District (MPUD) is seeking funding from Sierra Nevada Conservancy through the Proposition 84 Grant Program for the fee title acquisition of a critical portion of the Stockton Creek Watershed. Stockton Creek is a seasonal stream located in the Sierra foothills within Mariposa County, approximately one mile northeast of the town of Mariposa. The creek flows from approximately November to June. Elevations of the watershed start at a high point of 3650' to the lowest point of 1770' at the confluence of Mariposa Creek over a distance of about six miles. The Mariposa Creek is a tributary to the San Joaquin river.

Located within the watershed is the Stockton Creek dam and reservoir built in 1950 to supply water to the community of Mariposa. The Stockton Creek reservoir is still the primary source of drinking water for MPUD. The watershed itself is an important natural resource for the community. The land area within the watershed is primarily undeveloped with some residential development on larger parcels (greater than 20 acres). A large percentage of the watershed is made up of larger tracts of land which until recently were under the ownership of a few individuals.

There are two very large tracts of land within the Stockton Creek watershed for which MPUD and conservation partners have previously sought conservation strategies in the 1990's for approximately 2300 acres Land then owned by a single entity. The new owner is very supportive of a conservancy project for this area and is entering into an option agreement to sell the property for this purpose The land owner does wish to sell the property and has recently been contacted by several buyers who are interested in purchasing the property for development. The zoning and proximity of the land to the town of Mariposa make the property ideal for residential and like commercial development.

The land area proposed for this acquisition has an immediate need for some management and mitigation of extensive damage to the native vegetation. In 2000 the property owner proceeded with a vegetation management project which he thought would reduce wildfire hazard and produce an "open, park-like appearance". Basically, the project included poisoning of live oak on approximately 800 acres of land, then the dead trees were to be harvested for firewood and the left over brush was to be stacked and burned. Unfortunately, the first phase (tree poisoning) was all that was done. Now the wildfire and erosion hazards are far greater than before. The attached photos show the extent of damage from this incomplete project.

A wild land fire in 2004 burned from the east side of the Mariposa Town area through the Stockton Creek watershed. This incident was a clear reminder for the importance of watershed management. The runoff period after the fire resulted in more than double the amount of "naturally" occurring contaminants in the town water supply. As an example the total organic carbon (a precursor to disinfection byproducts which are considered a health risk) increased to background levels immediately after the 2004 fire

MPUD established in 1947 has an obvious interest in maintaining the Stockton Creek watershed in its natural state. MPUD owns and operates the Stockton Creek dam and reservoir. In addition to collecting and storing water runoff from the local watershed, the Stockton Creek reservoir is an important component to the Saxon Creek water project which provides for a small diversion of water from the Merced River. It is important that the integrity of the Stockton Creek watershed be maintained for the long term to protect the public water supply

The concept of the conservancy project will include the consideration of the following tasks and management:

Vegetation, Fire Hazard, Erosion Control:

Complete the vegetation management project started by the previous land owner (now deceased). Work with the California Dept. of Forestry and Fire Protection (Cal-fire) to plan and carry out the removal of the dead vegetation. Calif. Dept. of Corrections (CDC) crews under direction of Cal-Fire, can be utilized to actually perform the field work for this task. The local USDA Soil Conservation Service staff will assist in the design and implementation of erosion control measures. Cal-fire is also willing to provide staff qualified in forest management and fire safe planning.

Historic Archaeological Resources

In 1991 MPUD commissioned a Cultural Resource investigation of the then proposed Saxon Creek Project pipe line. Portions of the pipe line are within the Stockton Creek watershed. The investigation located three archaeological and historic resource sites that are within the area of the proposed Stockton Creek Conservancy project area. Although the exact locations of the sites are confidential, MPUD maintains the initial survey information and will be able to better provide for the protection of these historic sites.

Recreation:

Even though the community of Mariposa is located in the Sierra foothills, there are no natural areas designated for public recreational use nearby. Many people currently walk or jog along a water line easement between the Stockton Creek dam and the water treatment facility. This practice is technically a trespass. MPUD proposes to facilitate a volunteer watershed group to prepare and maintain hiking trails in the conservancy area. Again the CDC/Cal-Fire crews can be utilized to construct some of the trails. Special trails for mountain bike use will be considered. It is not intended that any area will be open to motorized recreational vehicles.

At this time, MPUD is the lead agency for the proposed project. The District is consulting with Sierra Foothill Conservancy to investigate the feasibility of a conservancy project in the Stockton Creek watershed. Now is the time to pursue the long term protection of this watershed while the landowners are willing to sell the land for conservation. In the alternative, the land may be developed with roads, structures, on-site septic systems and concentrated farm animal pens. If conservation measures are implemented early the benefits will include:

- Recreation such as hiking and biking
- Watershed enhancement and reversal of existing watershed degrading projects
- Protection of public water supply as well as cost savings in future treatment of public water supplies
- The watershed is in the prime elevation zone for the valley elderberry long horn beetle a protected species
- Protection of identified historic archaeological sites.
- Fire hazard mitigation
- Preserve open space

**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: CALIFORNIA DEPARTMENT OF PARKS AND RECREATION

Project Title: COMPLYING WITH CEQA FOR FOREST MANAGEMENT: NATURAL AND CULTURAL RESOURCE SURVEYS IN COLDSTREAM CANYON- DONNER MEMORIAL STATE PARK

Subregion: CENTRAL SIERRA

County: PLACER

SNC Funding: \$59,816.50

Total Project Cost: \$135,116.00

Application Number: 421

Final Score: 94.2

PROJECT SCOPE

This project will complete the wildlife, vegetation, and archaeological surveys needed to satisfy CEQA compliance for forest management and floodplain restoration projects on 125 acres at Donner Memorial State Park in Placer County. The surveys and studies completed will provide for full CEQA compliance for forest management projects as well as for partial compliance for the floodplain restoration project. Both projects are critical for managing State Parks for forest health, fire safety and watershed restoration. The Coldstream Canyon Watershed Assessment was completed in 2007 and both forest management and floodplain restoration were identified as methods to address key management issues. Obtaining environmental clearance for implementation of these projects will result in habitat and water quality improvement in Cold Creek, a tributary to the Truckee River.

This project meets 3 SNC Program Goals:

- Protecting and conserving the Region's physical, cultural, archaeological, historical, and living resources by conducting much needed surveys and updating

records of such environmental resources at lower Coldstream Canyon in Donner Memorial State Park

- Reduce the risk of a wildfire disaster through implementation of precise forest management for fuels reduction and forest stand structure enhancement
- Protect and improve water quality through implementation of the lower Coldstream Canyon floodplain restoration design.

This grant leverages approximately \$15,300 of in-kind contributions from California State Parks and an additional \$75,300 in funding committed to the projects.

PROJECT SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Wildlife, vegetation, and archeological surveys completed	May 2011 – November 2013
Progress Report	December 31, 2011
Year 1 northern goshawk and California spotted owl protocol surveys completed	March 2012 – September 2012
Progress Report	June 30, 2012
Year 1 natural resources (wildlife, botanical, and cultural) Summary report and CEQA documentation completed Progress Report	December 2012
Willow flycatcher and Year 2 northern goshawk and California spotted owl protocol surveys completed; Mountain beaver visual surveys completed	March 2013 – September 2013
Progress Report	June 30, 2013
FINAL PAYMENT/FINAL PAYMENT REQUEST	December 31, 2013

PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Personnel expenses for completion of surveys	\$35,760.00
Archaeological surveys	4,950.00
Survey equipment	3,500.00
Travel	3,300.00
Printing supplies	500.00
Performance measure reporting	4,680.00
Administrative costs	7,126.00
GRAND TOTAL	\$59,816.00

PROJECT SUPPORT LETTERS

- United States Department of Agriculture, Forest Service, Truckee Ranger District, District Ranger
- Truckee River Watershed Council, Executive Director

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

PROJECT SUMMARY

County: Placer County

Applicant: California Department of Parks and Recreation

Project Title: Complying with CEQA for Forest Management: Natural and Cultural Surveys in Coldstream Canyon- Donner Memorial State Park

PROJECT GOAL

California Department of Parks and Recreation (DPR) intends to implement both forest management and floodplain restoration in Coldstream Canyon at Donner Memorial State Park. In order to commence on these projects, Parks must comply with CEQA regulations and conduct invaluable and much needed wildlife, vegetation, and archeological resource studies in the Park. The primary project will focus on forest management and forest stand structure enhancement in Coldstream Canyon. Additionally, the surveys will be used for CEQA compliance for the already planned and designed floodplain restoration in the lower reaches of Cold Creek in Donner Memorial State Park. The surveys needed for CEQA compliance undoubtedly meet the end project goals for benefitting environmental and economic resources in the region, including watershed-wide restoration and habitat and water quality improvements in the Park.

PROJECT SCOPE

The extent of the work to be completed by funding from the Sierra Nevada Conservancy (SNC) will be restricted to conducting wildlife, vegetation, and archeological surveys needed for CEQA compliance for future projects in Coldstream Canyon within Donner Memorial State Park. The surveys will support all CEQA documentation needed for both forest management on 125 acres in the Canyon, and for an already designed floodplain restoration project at the lower reaches of the Canyon on State Parks property. All wildlife and botanical surveys will be completed by State Parks employees, the archaeological surveys will be conducted by a contract crew. There have been wildlife surveys completed in the past, but State protocol requires that these surveys are obtained within three years of planned operations, such as forestry projects and watershed restoration. There have been successful nesting species of concern, such as goshawk and spotted owl in the past at Donner Memorial State Park.

State Parks has partnered with the Truckee River Watershed Council on the floodplain restoration project. It is anticipated that partners and the public will have access, as needed and allowed, to utilize the recorded data from the surveys for regional cooperative efforts.

LETTERS OF SUPPORT

Truckee River Watershed Council
Tahoe National Forest- Truckee Ranger District (USFS)

SNC PROJECT DELIVERABLES AND SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Wildlife, vegetation, and archeological surveys completed per CEQA compliance for forest management projects on 125 acres, and completed surveys for Coldstream Canyon floodplain restoration project all in Donner Memorial State Park	Start surveying May 2011, complete surveys by November 2013
Year 1 northern goshawk and California spotted owl protocol surveys	Mar 2012 – Sep 2012
Year 1 Natural Resources (wildlife, botanical, and cultural) Summary report and CEQA documentation	Dec 2012
Willow flycatcher and Year 2 northern goshawk and California spotted owl protocol surveys; Mtn. beaver visual surveys	Mar 2013 – Sep 2013
Final Report	December 2013

SNC PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Direct Costs	\$47,510.00
Indirect Costs	\$5,180.00
Administrative Costs	\$7,126.50
Other Project Contributions	(\$75,300.00)
SNC GRANT TOTAL	\$59,816.50

**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: MOJAVE DESERT-MOUNTAIN RESOURCE
CONSERVATION AND DEVELOPMENT COUNCIL

Project Title: LONE PINE WATER RECLAMATION FEASIBILITY
STUDY

Subregion: EAST SIERRA

County: INYO

SNC Funding: \$121,440.00

Total Project Cost: \$125,040.00

Application Number: 448

Final Score: 91.8

PROJECT SCOPE

This project will complete the pre-implementation activities for reusing wastewater from the Lone Pine Community Services District at the high school and in the community of Lone Pine in Inyo County. It will consist of three phases, the first to study the feasibility of:

- Using wastewater for irrigating pastureland on the school farm to raise livestock
- Reducing landscape irrigation with potable water at the park, hospital, and other community sites
- Expanding the community garden program

The second phase is to prepare the engineering and design documents and the final phase is to complete the required permitting and environmental compliance to implement the project. When implemented, the project will improve and protect local water resources, provide local foods, and offer students diverse learning opportunities. UC Cooperative Extension will provide technical assistance including soil analysis and horticulture methodology review and the U.S. Agriculture, Natural Resources Conservation Services will ensure the application of best practices related to grazing. The Lone Pine Economic Development Corporation will assist in community outreach

and awareness activities while Lone Pine High School will provide support and resources for the implementation phase.

PROJECT SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Develop RFP for Feasibility Study	July 2011
Submit 6 month progress report	November 2011
Complete Feasibility Study	December 2011
Submit 12 month progress report	May 2012
Complete Engineering & Design Reports	July 2012
Submit 18 month progress report	November 2012
Submit 24 month progress report	May 2013
Complete CEQA and Permits	July 2013
Complete Final Report	September 2013
FINAL PAYMENT/FINAL PAYMENT REQUEST	October 30, 2013

PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Feasibility Study – Contract Labor	\$30,000.00
Engineering Report – Contract Labor	30,000.00
Permitting and CEQA – Contract Labor	30,000.00
Supplies- Testing	13,000.00
Mileage	100.00
Meeting expenses	500.00
Outreach materials	2,000.00
Administration	15,840.00
GRAND TOTAL	\$121,440.00

PROJECT SUPPORT LETTERS

- Lone Pine Economic Development Corporation
- Lone Pine Unified School District
- Lone Pine High School

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.

- Percent of Pre-Project and Planning Efforts Resulting in Project Implementation

PROJECT SUMMARY

County: Inyo

Applicant: Desert Mountain Resource Conservation and Development Council

Project Title: Lone Pine Water Reclamation Feasibility Study

PROJECT GOAL

Desert Mountain RC&D Council is partnering with Lone Pine Economic Development Council, Lone Pine High School and Lone Pine Community Services District to complete a feasibility study/environmental review on reusing wastewater for the Lone Pine Community, particularly at the high school in conjunction with their Future Farmers of America Program. This project is consistent with Proposition 84 requirements to protect and restore water sources and their associated lands by reusing the limited water in the Sierras for beneficial use. This project is also consistent with Sierra Nevada Conservancy Goals to protect/restore the Region's physical resources, improve water quality, and assist the regional economy through SNC funds. This study will explore what additional treatment is necessary for reusing the water which will protect the resource as well as improve the quality. The study will explore piping the water for use by the local high school for raising livestock for the local community to eat, establishing a community garden and reducing potable water use for irrigation as well.

PROJECT SCOPE

This project is for the planning phase of reusing wastewater from the Lone Pine Community Services District at the Lone Pine High School and within the community. This project has three phases. The first phase is a study to look at the feasibility of using the wastewater for irrigating pasture, reducing lawn irrigation with potable water, and expanding a community garden. The second phase, if the project is considered feasible, is to complete the necessary engineering documents. The last phase is to complete the required permitting and environmental review to complete the project.

The feasibility study will review the existing wastewater system and compare it to the state and local regulations for water reclamation. It will review the existing and potential uses of reclaimed water and determine what upgrades would be needed, both of the wastewater facility as well as the necessary piping. The potential uses for water include using the wastewater for pastureland on which the high school students will raise livestock as food for the local community. The water may also be used on the high school grounds to expand the existing garden to create a local community garden for use by the community and students for a local food source. Other potential uses of the reclaimed water include irrigation for landscape such as at the park, churches, apartments and hospital. The study will include the basic engineering needed to determine whether or not the project is feasible. The majority of the work if the project is feasible will be completed by the high school students as part of their class work which will give the students hands on experience. The study will look at using a solar pump, to be done by the students as experience to increase interest in working in the renewable field. If the project is feasible and moves forward, the students will install the irrigation line to the existing school property. The study will also outline the next steps for completing the project including environmental review and permitting required.

Once the study is complete, based on the results, the remainder of the funding will be used to

complete the engineering design and environmental review. The engineering design will encompass the upgrades for the wastewater treatment plant as well as the piping needed to deliver the water.

This project will improve and protect the local water resource, provide local food sources, provide opportunities for students to learn skills for the future, and improve the local economy. This project is supported by many local partners as you can see by the letters of support. The UC-Cooperative Extension will provide technical assistance with the gardening aspects as well as soil analysis. U.S. Department of Agriculture, Natural Resources Conservation Service will provide technical assistance to ensure the grazing aspects are thoroughly considered. Lone Pine Economic Development Corporation will assist in outreach to ensure support and understanding by the local community. Lone Pine High School will provide support and information on water uses and potential in-kind donations for the implementation of the project. Lone Pine Community Services District will be the ultimate provider of the water.

LETTERS OF SUPPORT

Lone Pine Community Services District
Lone Pine High School

Lone Pine Economic Dev. Corporation

SNC PROJECT DELIVERABLES AND SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Develop RFP for Feasibility Study	July 2011
Feasibility Study	December 2011
Progress Report to SNC	December 2011
Engineering Report	July 2012
Progress Report to SNC	June 2012
Progress Report to SNC	December 2012
Progress Report to SNC	June 2013
CEQA and Permitting	July 2013
Final Report to SNC	September 2013

SNC PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Feasibility Study – Contract Labor	\$30,000
Engineering Report – Contract Labor	\$30,000
Permitting and CEQA – Contract Labor	\$30,000
Supplies-Testing	\$13,000
Mileage	\$100
Meeting Expenses	\$500
Outreach Materials	\$2,000
Administration	\$15,840
SNC GRANT TOTAL	\$121,440

**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 COUNTY RESOURCE CONSERVATION DISTRICT

Project Title: CAMP SACRAMENTO EROSION CONTROL AND HABITAT IMPROVEMENT

Subregion: CENTRAL SIERRA

County: EL DORADO

SNC Funding: \$144,300.00

Total Project Cost: \$149,512.56

Application Number: 327

Final Score: 91.7

PROJECT SCOPE

Camp Sacramento is located on Highway 50 in El Dorado County, at the 6,400 ft elevation level. The Camp properties, consisting of high meadow and mixed Sierran forest, are located directly on the banks of the South Fork of the American River. After years of high public/recreational use, the soils around the cabins and close to the river are eroding into the meadow and into the river. This project finalizes a survey to evaluate existing conditions and locations for needed measures and design, completes all necessary NEPA and CEQA processes and contracts for the needed engineering specifications for planned roads and erosion control measures to restore impacted areas.

PROJECT SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
NEPA	May 2011- June 2011
CEQA	June 2011
Survey of Camp	July 2011- August 2011

Survey of Cabins	July 2011-August 2011
Engineering (for erosion control)	August 2011-September 2011
Engineering (for roads)	August 2011-September 2011
Six Month Progress Report	December 2011
FINAL REPORT/FINAL PAYMENT REQUEST	March 1, 2012

PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Staff/Personnel Expense- Project Related Wages/Benefits	\$3,000.00
Contracts/Consultants- Project Related	124,000.00
Fees- Appraisal/Permits/CEQA/Easement	5,000.00
Printed Materials- Project Related Publications, Communications, Public Outreach	7,500.00
Performance Measure reporting	1,200.00
Administrative Costs	3,600.00
SNC GRANT TOTAL	\$144,300.00

PROJECT SUPPORT LETTERS

- El Dorado National Forest
- City of Sacramento, Department of Parks and Recreation
- Friends of Camp Sacramento

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 or Behavior

PROJECT SUMMARY

County: El Dorado

Applicant: El Dorado County Resource Conservation District

Project Title: Camp Sacramento Erosion Control and Habitat Improvement Project

PROJECT GOAL

Erosion from camp during rainfall events and snowmelt is a contributor of suspended sediment to the South Fork American River (SFAR). The erosion comes from unpaved and compacted roads, denuded slopes, and disturbed areas in camp. Over the years of operation, campers have formed trails and driving areas have expanded that have left some areas of the camp denuded of low-growing shrubs that help break-up raindrop impact and reduce erosion. This has led to runoff carrying sediment to the river resulting in a water quality impact to the SFAR. The project plans to address the erosion problems through several approaches. The goal of the application for this project is to complete the necessary environmental compliance and planning documents to be 'shovel ready'.

This project addresses several SNC goals. It will provide increased opportunity for tourism and recreation and undertake efforts to enhance public use and enjoyment of lands owned by the public by improving an existing recreation destination on Forest Service lands that is visited by user groups every year, improvements will also attract more users. It will protect, conserve, and restore the regions physical and living resources by reducing the loss of soil resources and the pollution of sediment to the SFAR. In addition, the project will restore denuded plant resources that will help with the erosion problems and attract more wildlife. These actions will also contribute to the Proposition 84 goals of protection and restoration of rivers, lakes and streams, their watersheds and associated land, water, and other natural resources.

PROJECT SCOPE

This grant will complete the necessary NEPA and CEQA processes, finalize a survey of the camp to evaluate existing conditions and locations for needed measures, and contract the needed engineering specifications for the planned roads and erosion control measures. Project partners include the City of Sacramento Parks and Recreation Department, Friends of Camp Sacramento and the United States Forest Service.

LETTERS OF SUPPORT

United States Forest Service, Eldorado National Forest
 City of Sacramento
 Friends of Camp Sacramento

SNC PROJECT DELIVERABLES AND SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
INCLUDE SPECIFIC TASKS IDENTIFIED IN SCOPE AND	ASSUME START

ALL REPORTS, ETC.	DATE 60 DAYS AFTER SNC BOARD AUTHORIZATION
NEPA	May 2011 – June 2011
CEQA	June 2011
Survey of Camp	July 2011 – August 2011
Survey of Cabins	July 2011 – August 2011
Engineering (for erosion control)	August 2011 – September 2011
Engineering (for roads)	August 2011 – September 2011

SNC PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Staff/Personnel Expense - Project Related Wages/Benefits	\$3,000.00
Contracts/Consultants - Project Related	\$124,000.00
Fees - Appraisal/Permits/CEQA/Easement	\$5,000.00
Printed Materials - Project related Publications/Communications/Public Outreach	\$7,500.00
Performance Measure reporting	\$1,200.00
Administrative Costs	\$3,600.00
SNC GRANT TOTAL	\$144,300.00

**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: AMERICAN RIVERS
Project Title: HOPE VALLEY MEADOW RESTORATION
Subregion: EAST SIERRA
County: ALPINE
SNC Funding: \$129,000.00
Total Project Cost: \$178,000.00
Application Number: 420
Final Score: 90.8

PROJECT SCOPE

This project will result in a permit-ready restoration plan which will restore a 1,600 acre highly visible and significant meadow in Alpine County with high levels of recreational use, historic and cultural values. The Hope Valley Meadow Project is designed to proceed in four successive steps: 1) Assessment and Conceptual Restoration Design; 2) Technical Restoration Design; 3) Permitting; and 4) Implementation and Adaptive Management. Funding is requested for steps one and two with \$49,000 in additional resources being leveraged to complete this project.

PROJECT SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Finalized workplan and budget	June 2011
Execute subcontracts/grants with project partners	July 2011
Final assessment protocol and management plan	July 2011
Final meadow assessment technical memo	December 2011
Submit progress report to SNC	December 2011
Develop conceptual models and limiting factors	January 2012
Develop climate change scenarios	February 2012
Finalize meadow conceptual designs	June 2012

Submit progress report to SNC	June 2012
Finalize project maps	November 2012
Complete detailed design drawings	December 2012
Submit progress report to SNC	December 2012
Finalize technical design plan and maps	March 2013
Submit final report to SNC	June 2013
FINAL PAYMENT/FINAL PAYMENT REQUEST	June 30, 2013

PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Staff/Personnel Expense/ Wages/Benefits and Occupancy	\$ 41,044.28
Travel/Meeting Expense - Project Related	1,850.00
Sub-grants/Contracts/Consultants - Project Related	65,765.00
Materials/Supplies - Project Related	570.00
Equipment Leases/Purchases - Project Dependent	2,537.91
Outreach/Education	2,500.00
Performance Measure reporting	2,942.95
Administrative Costs	11,789.86
GRAND TOTAL	\$129,000

PROJECT SUPPORT LETTERS

- Drew Goetting, Restoration De4sign Group
- Rodney Siegel, Institute for Bird Populations
- Debbie Waldear, Friends of Hope Valley
- Sarah Green, Alpine Watershed Group

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

6. Project Summary

County: Alpine County

Applicant: American Rivers

Project Title: Hope Valley Meadow Project

PROJECT GOAL

Offered by a diverse and strong partnership including American Rivers, Alpine Watershed Group, Institute for Bird Populations, Restoration Design Group, and Friends of Hope Valley, the overall goal of the Hope Valley Meadow Project is to restore the full range of ecosystems services provided by this 1,600 acre highly-visible and well-known meadow. More specifically, implementation of the full project will contribute to Proposition 84 goals by: 1) increasing water storage capacity; 2) lowering downstream water temperatures, 3) decreasing sediment, and 4) increasing riparian and aquatic habitat.

PROJECT SCOPE

The Hope Valley Meadow Project is designed to proceed in four successive steps: 1) Assessment and Conceptual Restoration Design; 2) Technical Restoration Design; 3) Permitting; and 4) Implementation and Adaptive Management. We request funding from SNC for steps I and II of this project for which the following objectives apply:

- Build capacity of local stakeholder groups to be an integral part of the development and implementation of restoration
- Conduct a comprehensive and systematic assessment of meadow attributes to determine hydrologic and ecological function and overall meadow condition
- Initiate and complete conceptual restoration design based on the assessment
- Draft permit-ready technical restoration designs for Hope Valley Meadow

This project is requesting \$129,000 from SNC and will provide a match of \$49,000 for a total project cost of \$178,000. We have applied to NFWF for this match grant funding. The project team is fully capable of all aspects of project management to ensure successful implementation. American Rivers will provide overall project management and coordination, as well as technical expertise in the assessment and design process with the assistance of Restoration Design Group and the Institute for Bird Populations. Friends of Hope Valley and the Alpine Watershed Group will involve citizen monitors in the assessment and monitoring tasks, and will also lead stakeholder input sessions. The project will also involve the California Department of Fish and Game, and the Humboldt-Toiyabe National Forest who are supportive of the project and the primary owners and managers of the meadow.

LETTERS OF SUPPORT

Drew Goetting, Restoration Design Group
 Rodney Siegel, Institute for Bird Populations
 Debbie Waldear, Friends of Hope Valley
 Sarah Green, Alpine Watershed Group

SNC PROJECT DELIVERABLES AND SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Finalized Workplan and Budget (Task 1)	June 30, 2011
Signed Subcontracts/grants with Project Partners (Task 1)	July 30, 2011
Biannual Financial and Performance Reports (Task 1)	December 15, 2011, June 15, 2012, December 15,

	2012
Final Report (Task 1)	May 31, 2013
Final Assessment Protocol and MP (Task 2)	July 30, 2011
Final Meadow Assessment Technical Memo (Task 2)	December 31, 2011
Conceptual Models and Limiting Factors (Task 3)	January 30, 2012
Climate Change Scenarios (Task 3)	February 15, 2012
Finalized Hope Valley Meadow Conceptual Designs (Task 3)	June 30, 2012
Project Maps (Task 4)	November 15, 2011
Detailed Design Drawings (Task 4)	December 1, 2012
Project Technical Design Plan and Maps (Task 4)	March 15, 2013

SNC PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Staff/Personnel Expense/ Wages/Benefits and Occupancy	\$ 41,044.28
Travel/Meeting Expense - Project Related	\$1,850.00
Subgrants/Contracts/Consultants - Project Related	\$ 65,765.00
Materials/Supplies - Project Related	\$ 570.00
Equipment Leases/Purchases - Project Dependent	\$ 2,537.91
Outreach/Education	\$ 2,500.00
Performance Measure reporting	\$ 2,942.95
Administrative Costs	\$ 11,789.86
SNC GRANT TOTAL	\$ 129,000.00

**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: SEQUOIA RIVERLANDS TRUST

Project Title: PRE-ACQUISITION WORK ON FOUR STRATEGIC LAND CONSERVATION PROJECTS

Subregion: SOUTH

County: TULARE AND KERN

SNC Funding: \$198,500.00

Total Project Cost: \$317,000.00

Application Number: 412

Final Score: 90.3

PROJECT SCOPE

The purpose of the project is to conduct site evaluations and produce appraisals necessary to conserve three large ranches and one smaller one, lands strategically located to improve climate change resilience in the southern Sierra Nevada foothills. The three large properties are among the Southern Sierra Partnership's (SSP) top six priorities for protection, based on results of the SSP's recent climate-adapted conservation planning effort. The project will facilitate protection of roughly 40,000 acres of blue oak woodland, grassland, rare communities such as vernal pools and sycamore alluvial woodlands, habitat for and occurrences of numerous special status species and many miles of high quality riparian corridors connecting these other habitats. In addition, these projects, when completed, will assist in protecting working landscapes in Tulare and Kern counties. The protection of these lands and their resources is an important component of Proposition 84 goals. And, securing important natural resources and retaining working landscapes are essential components of the SNC's Program Areas. This project is supported by \$118,543 of funding in addition to the SNC's funding support.

PROJECT SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
<p>Conduct Site Assessment and Appraisals at Mebane, Hershey, Flynn and Craig Ranches:</p> <p>Mebane Ranch</p> <ul style="list-style-type: none"> • Complete biological field evaluation of upper elevation portions of the ranch • Complete environmental site assessment for entire ranch • Complete negotiation of Phase 1 purchase and sale agreement and conservation easement terms • Confirm funding for Phase 1 conservation easement or fee title acquisition • Execute Phase 1 of option agreement and close the transaction • Define Phase 2 conservation easement, outline easement terms • Appraise value of Phase 2 conservation easement • Identify probable funding source for Phase 2 and beyond; apply for Phase 2 funding <p>Hershey Ranch</p> <ul style="list-style-type: none"> • Confirm phased option agreement to acquire fee title and/or conservation easements on the entire ranch • Facilitate DFG approval of draft Deer Creek Conceptual Area Protection Plan • Complete biological field evaluation for entire ranch • Complete environmental site assessment for entire ranch • Complete negotiation of Phase 1 purchase and sale agreement and conservation easement terms • Confirm funding for Phase 1 conservation easement or fee title acquisition • Execute Phase 1 of option agreement and close the transaction • Define Phase 2 conservation easement and outline easement terms • Appraise value of Phase 2 conservation easement and/or fee title acquisition • Identify probable funding source for Phase 2 and beyond; apply for Phase 2 funding <p>Flynn Ranch</p> <ul style="list-style-type: none"> • Develop phased option agreement to acquire conservation easements on parts of the ranch not included in Phase 1 • Draft White River Conceptual Area Protection Plan and submit to DFG for review and approval • Complete environmental site assessment for parts of the ranch not included in Phase 1 • Define Phase 2 conservation easement and outline easement 	<p style="text-align: center;">May 2011-March 2013</p>

terms • Appraise value of Phase 2 conservation easement • Identify probable funding source for Phase 2 and beyond; apply for Phase 2 funding Craig Ranch • Complete biological records search and field evaluation to confirm values relevant to Case Mountain ACEC • Appraise value of the property per the revised parcel map • Assist BLM with securing the property • Coordinate with BLM to complete environmental due diligence and other pre-acquisition work to ready the property for BLM acquisition	
Progress Report	November 2011
Progress Report	May 2012
Progress Report	November 2012
Final Report	May 2013
FINAL PAYMENT/FINAL PAYMENT REQUEST	May 2013

PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Project related staff/personnel expense	\$28,595.00
Project related travel	3,545.00
Project related consultant expense	112,386.00
Project related materials and supplies	1,150.00
Appraisals and Valuation Updates	36,000.00
Project Administration	16,824.00
GRAND TOTAL	\$198,500.00

PROJECT SUPPORT LETTERS

- Audubon California
- Sierra Business Council
- The Nature Conservancy
- Pacific Ag Management, Inc.
- Tulare Basin Wildlife Partners

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.

- Linear Feet of Stream Bank Protected or Restored
- Number of Significant Sites Protected or Preserved
- Acres of Land Conserved

PROJECT SUMMARY

Sequoia Riverlands Trust Category 2 Application to SNC Proposition 84 Grants Program

County: Tulare

Applicant: Sequoia Riverlands Trust

Project Title: Pre-acquisition Work on Four Strategic Land Conservation Prospects in the Southern Sierra Foothills

PROJECT GOAL

The purpose of the project is to take advantage of a window of opportunity to conserve three large ranches and one smaller, but strategically located property, to improve climate change resilience in the southern Sierra Nevada foothills. The three large properties are among the Southern Sierra Partnership's top six priorities for protection, based on results of the SSP's recent climate-adapted conservation planning effort. Sequoia Riverlands Trust and its partners have been working on each of these land protection opportunities for at least two years, and momentum seems to be building to bring them to fruition. Each needs a well-placed investment – an appraisal, or Conceptual Area Protection Plan, or biological evaluation, or focused attention on negotiations and partnership development – to move the project toward conserved status.

The project will facilitate protection of roughly 40,000 acres of blue oak woodland, grassland, rare communities such as vernal pools and sycamore alluvial woodlands, habitat for and occurrences of numerous special status species and many miles of high quality riparian corridors connecting these other habitats.

PROJECT SCOPE

The project includes such activities as appraisals, biological evaluations, environmental site assessments, focused negotiations with landowners, and development of innovative conservation partnerships focused on protecting four significant properties in the Kaweah, Deer Creek, White River, Poso Creek and Kern River drainages.

LETTERS OF SUPPORT

Letters of support are provided from SRT's fellow members of the Southern Sierra Partnership (The Nature Conservancy, The Sierra Business Council and Audubon-California), the Tulare Basin Wildlife Partners, and the potential conservation buyer for the large ranch near Bakersfield.

Due to the confidential nature of most of these transaction at this stage, SRT did not seek letters of support from other conservation groups or public entities.

SNC PROJECT DELIVERABLES AND SCHEDULE

It is difficult to predict the exact timing of the tasks proposed for this grant since they are dependent on progress of negotiations with landowners, uncertain capacity of agencies, issues that may be discovered during title searches and so forth. Tasks that are anticipated for each property during a two-year grant period are listed more or less sequentially below, followed by a schedule of SNC grant reporting milestones.

Mebane Ranch

- Complete biological field evaluation of upper elevation portions of the ranch
- Complete environmental site assessment for entire ranch
- Complete negotiation of Phase 1 purchase and sale agreement and conservation easement terms
- Confirm funding for Phase 1 conservation easement or fee title acquisition (acquisition funds not in this SNC grant)
- Execute Phase 1 of option agreement and close the transaction
- Define Phase 2 conservation easement, outline easement terms
- Appraise value of Phase 2 conservation easement
- Identify probable funding source for Phase 2 and beyond; apply for Phase 2 funding

Hershey Ranch

- Confirm phased option agreement to acquire fee title and/or conservation easements on the entire ranch
- Facilitate DFG approval of draft Deer Creek Conceptual Area Protection Plan
- Complete biological field evaluation for entire ranch
- Complete environmental site assessment for entire ranch
- Complete negotiation of Phase 1 purchase and sale agreement and conservation easement terms (as applicable)
- Confirm funding for Phase 1 conservation easement or fee title acquisition (acquisition funds not in this SNC grant)
- Execute Phase 1 of option agreement and close the transaction
- Define Phase 2 conservation easement and outline easement terms
- Appraise value of Phase 2 conservation easement and/or fee title acquisition
- Identify probable funding source for Phase 2 and beyond; apply for Phase 2 funding

Flynn Ranch (Phase 2)

- Develop phased option agreement to acquire conservation easements on parts of the ranch not included in Phase 1
- Draft White River Conceptual Area Protection Plan and submit to DFG for review and approval
- Complete environmental site assessment for parts of the ranch not included in Phase 1
- Define Phase 2 conservation easement and outline easement terms
- Appraise value of Phase 2 conservation easement
- Identify probable funding source for Phase 2 and beyond; apply for Phase 2 funding

Craig Ranch

- Complete biological records search and field evaluation to confirm values relevant to Case Mountain ACEC
- Appraise value of the property per the revised parcel map
- Assist BLM with securing the property (e.g. finding a partner that would enable SRT to acquire and hold the property until BLM receives LWCF funding)
- Coordinate with BLM to complete environmental due diligence and other pre-acquisition work to ready the property for BLM acquisition

SNC Grant Reporting Milestones

By June 2011	Execute Prop. 84 grant agreement between SNC and SRT
By Nov. 2011	Submit six-month progress report to SNC
By May 2012	Submit annual progress report to SNC
By Nov. 2012	Submit eighteen-month progress report
By May 2013	Submit final report and payment request to SNC

SNC PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Project-related staff/personnel expense	\$28,596
Project-related travel	\$3,545
Project-related contracts/consultants (including SRT Executive Director)	\$112,386
Project-related materials & supplies	\$1,150
Appraisals, valuation updates, title reports	\$36,000
Project administration	\$16,824
SNC GRANT TOTAL	<u>\$198,500</u>

**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: THE NATURE CONSERVANCY
Project Title: RUDNICK RANCH ACQUISITION
Subregion: SOUTH
County: KERN
SNC Funding: \$500,000.00
Total Project Cost: \$11,276,000.00
Application Number: 434
Final Score: 90.3

PROJECT SCOPE

This project will acquire approximately 15,000 acres* of the Rudnick Ranch in the southern Sierra Nevada range. The ranch supports chaparral, grasslands, oak woodlands, and riparian communities in the Middle Kern - Upper Tehachapi - Grapevine watershed. Protection of the ranch eliminates the threat of subdivision and associated water use safeguarding local aquifers and allowing natural ground water recharge and runoff processes to continue. Caliente Creek follows the southern property boundary for approximately 4.3 miles and conservation of the ranch will protect large areas of the creek's watershed and floodplain. Over six miles of Walker Basin Creek occur on the ranch with a majority supporting perennial flow.

The goal is to continue operations as a working ranch ensuring grazing is carried out in a sustainable manner that maintains the important resources. Living resources include a broad matrix of plant and animal species located in the several habitat types found on the ranch. Historic resources include preservation of Baker Grade Road built by Bakersfield's namesake and the ruins of the old tollhouse that remains on the property.

This project is part of a larger joint conservation effort under the umbrella of the Southern Sierra Partnership (SSP), consisting of The Nature Conservancy (TNC), Audubon California, Sequoia Riverlands Trust, Sierra Business Council and others. The SSP was formed to prioritize effective conservation of the Southern Sierra and

Tehachapi Ranges by identifying key properties that ensure the region maintains its character in the face of increased human demands and climate change. The Nature Conservancy is seeking the majority of funding for completing this acquisition from a variety of sources including public and private funders.

PROJECT SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Complete Phase I – Environmental Assessment	July 2011
Complete Funding and Closing Documents	August 2011
Finalize Acquisition	September 2011
Six-month progress report	November 2011
FINAL PAYMENT / FINAL PAYMENT REQUEST	January 2012

PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Acquisition fees	\$500,000.00
GRAND TOTAL	\$500,000.00

PROJECT SUPPORT LETTERS

- Audubon California
- Ranchers for Responsible Conservation
- Sequoia Riverlands Trust
- Sierra Business 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.

- Linear Feet of Stream Bank Protected or Restored
- Number of Significant Sites Protected or Preserved
- Acres of Land Conserved
- Tons of Carbon Sequestered or Emissions Avoided

* Assessor Parcel Numbers for the properties included in this project are:

179-150-02, 179-150-19, 179-150-08, 179-150-07,
179-150-03, 179-150-18, 179-150-06, 179-150-05,
179-150-04, 179-150-09, 179-150-10, 179-150-11,
179-150-12, 397-110-09, 397-110-06, 397-110-05,
179-140-01, 179-140-02, 179-140-03, 179-140-05,
179-140-04, 197-140-06, 179-140-07, 179-150-16,
179-150-20, 179-150-21, 179-150-22, 179-150-23,
179-150-24, 179-150-25, 179-150-26, 179-150-27,
179-150-28, 179-150-29, 179-150-30, 179-150-31,
179-150-14, 179-140-13, 179-140-14, 179-140-15,
179-140-16, 179-140-17, 179-140-11, 179-140-19,
179-140-18, 179-140-08, 179-170-04, 179-170-05,
179-160-01, 179-160-02, 179-160-03, 179-260-01,
179-170-06, 179-160-07, 179-160-06, 179-160-04,
266-140-02, 266-150-05, 266-150-04, 266-150-03,
266-160-03, 266-160-01, 266-170-01, 266-170-02,
266-160-02, 266-170-04, 266-170-03, 266-180-01,
266-180-02, 179-180-02, 179-180-22

PROJECT SUMMARY

County: Kern

Applicant: The Nature Conservancy

Project Title: Rudnick Ranch Acquisition

PROJECT GOAL

The goal of this project is to conserve approximately 15,000 acres of the Rudnick Ranch in the southern Sierra Nevada range. The ranch supports nearly 15,000 acres of intact chaparral, grasslands, oak woodlands, and riparian communities in the Middle Kern - Upper Tehachapi - Grapevine watershed. Land speculation, intensive agriculture, and mining to the east and west threaten the integrity of the ranch and its watersheds. Protection of the ranch eliminates the threat of subdivision and associated water use safeguarding local aquifers and allowing natural ground water recharge and runoff processes to continue. It will also allow recharge of ground water basins in the San Joaquin Valley and protects water quality in the watershed. Caliente Creek follows the southern property boundary for approximately 4.3 miles and protection of the ranch will protect large areas of the creek's watershed and floodplain. Over six miles of Walker Basin Creek occur on the ranch with a majority supporting perennial flow. The Nature Conservancy's (TNC) goal is to acquire the property and continue operations as a working ranch ensuring grazing is carried out in a sustainable manner that maintains the important resources. The project supports many of the SNC goals including preservation of working landscapes (ranching in this case) and conserving the Region's cultural, historical, physical and living resources. Living resources include a broad matrix of plant and animal species located in the several habitat types found on the ranch. Historic resources include preservation of Baker Grade Road built by Bakersfield's namesake and the ruins of the old tollhouse that remains on the property. Rudnick Ranch is also known as "Tollhouse Ranch." The project will also protect Kern County's existing water quality by maintaining nearly 24 square miles of watershed in open permeable ground permanently preserving the function of the natural hydrologic cycle. Other key outcomes of this project include conservation of a key wildlife linkage, climate change adaptation, and building conservation partnerships.

PROJECT SCOPE

This grant will result in conservation of the nearly 15,000 acre (approximately 23 sq. mile) Rudnick Ranch. It is part of a larger joint conservation effort under the umbrella of the Southern Sierra Partnership (SSP), consisting of TNC, Audubon California, Sequoia Riverlands Trust, and Sierra Business Council. The SSP was formed to accelerate effective conservation of the Southern Sierra and Tehachapi Ranges by identifying key properties that ensure the region maintains its character in the face of increased human demands and climate change. The Tehachapi and southern Sierra Nevada Mountain Ranges present a unique opportunity for conservation as a result of their location, features and intactness. The intersection of these two ranges occurs at the convergence of five ecoregions in a region of steep and diverse topography. Although largely under private ownership, large ranches dominate the landscape resulting in a tremendous opportunity to maintain working landscapes, sustain ecosystem services and conserve the regions physical, cultural, living and historical resources. The Ranges are biologically diverse and provide the only connectivity for the Central and South Coast Ranges to interior ranges. Special focus was given to the protection of riparian

corridors and their floodplains and watersheds to facilitate species movement and allow natural ground water recharge and runoff processes to continue by minimizing future channelization and flood protection infrastructure.

The SSP has established a five year goal to conserve 275,000 acres of important conservation lands in the southern Sierra Nevada and Tehachapi mountains. These lands have been selected for their contribution to protecting aquatic and riparian habitats, maintaining connectivity across elevational gradients, provision of refugia and expansion areas needed to accommodate climate change sensitive species and, to maintain the approximately 50 mile linkage from the Sierra Nevada to the South and Central Coast Ecoregions. Rudnick Ranch is a key component of this five year goal.

Performance Measures applicable to the project are the linear feet of stream bank protected; the number of special significance sites protected or preserved and acres of land conserved.

TNC has a signed letter of intent for a one-year option to purchase the Ranch in fee for \$11,250,000. The formal option agreement is currently being circulated for signature by the buyer and seller. TNC intends to eventually transfer fee title to a conservation buyer and retain a conservation easement. In the interim we may lease the property to a rancher, possibly to the seller, and sell the fee interest with a conservation easement to a conservation buyer. The remaining project costs will be provided through public and private grants.

LETTERS OF SUPPORT

Audubon California
Ranchers for Responsible Conservation
Sequoia Riverlands Trust
Sierra Business Council

Reed Tollefson
Emmy Cattani
R. Scott Spear
Steve Frisch

SNC PROJECT DELIVERABLES AND SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
INCLUDE SPECIFIC TASKS IDENTIFIED IN SCOPE AND ALL REPORTS, ETC.	ASSUME START DATE 60 DAYS AFTER SNC BOARD AUTHORIZATION
Phase 1 Environmental Assessment	July 2011
Complete funding and closing conditions	August 2011
Acquire property	September 2011
Six month progress report	March 2012
Final report	September 2012

SNC PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Capital Costs	\$1,000,000
SNC GRANT TOTAL	\$1,000,000

**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: USDA FOREST SERVICE-SEQUOIA NATIONAL FOREST

Project Title: LONG MEADOW RESTORATION PROJECT

Subregion: SOUTH

County: TULARE

SNC Funding: \$72,320.00

Total Project Cost: \$97,849.00

Application Number: 358

Final Score: 90.3

PROJECT SCOPE

This grant will provide for pre-project planning and environmental review to prepare a joint National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA) document for the long term restoration work at Long Meadow. The ultimate goal of this project is to repair a large and unstable headcut within Long Meadow. These conditions are impacting the stability of the meadow through accelerated loss of meadow vegetation and soil, resulting in negative consequences to water quality and downstream aquatic habitats. Long Meadow also contains unique cultural and scenic resources which could be compromised through continued meadow degradation. Proposition 84 grant funds will provide for pre-project planning and environmental review to allow implementation of the Long Meadow Restoration Project. This project is consistent with Proposition 84 requirements to protect and restore water sources and their associated lands, and the SNC program area goals that address protection of water quality. This project has in-kind support from the Forest Service in the amount of \$25,529.

PROJECT SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Initiate joint NEPA/CEQA environmental analysis in consultation with the SNC and issue relevant NEPA/CEQA notices regarding preparation of a project; submit to SNC.	May 2011
Prepare engineering site design, conduct field surveys, and obtain regulatory permits; Army Corps of Engineers, Section 404 Permit; Water Quality Waiver. Submit copies to the SNC.	May-June 2011
Begin Internal & Interagency project scoping. Distribute appropriate NEPA/CEQA noticing to Forest Service resource specialists (hydrology, soils, archaeology, wildlife biology, botany, etc.) and SNC.	June-July 2011
Based on identified purpose and need, the Forest Service in coordination with the Sierra Nevada Conservancy develops proposed action and prepares scoping letter/map; schedule public meetings; issue press release; post on Sequoia NF website; conduct public meetings and possible field trip for adequately noticing a project. Submit all copies to SNC.	July-August 2011
Analyze results of public scoping and identify issues and concerns. Develop alternatives in coordination with the Sierra Nevada Conservancy.	August -September 2011
Complete specialists reports including: Biological Evaluation/ Assessment (BE/BA), Archaeological Reconnaissance Report, Vegetation & Hydrology Reports, and submit to SNC.	September-October 2011
Complete six-month progress report/submit to SNC.	October 2011
Prepare joint CEQA/NEPA preliminary environmental document in consultation with the SNC; send to public for appropriate public comment period. Submit all related materials to the SNC.	October 2011 – January 2012
Analyze public comments received in consultation with the SNC.	January – February 2012
Prepare and issue appropriate final NEPA/CEQA environmental and decision documents in consultation with the SNC.	February – September 2012
Complete twelve- month report/submit to SNC.	April 2012
Final Completed Joint NEPA/CEQA Document and Final Report Due	October 2012

PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Staff/Personnel Expense	\$53,520.00
Contracts/Consultants: Hydro-Engineer to design project site plan	5,000.00
Fees – Section 404 & 401 Permits	5,000.00
Fees – CEQA coordination	2,500.00
Indirect Costs: Performance Measure Reports	1,000.00
Indirect Costs: Public Notifications for CEQA and NEPA noticing	100.00
Administrative Oversight/Budgeting and Accounting	5,200.00
GRAND TOTAL	\$72,320.00

PROJECT SUPPORT LETTERS

- WildPlaces
- Giant Sequoia National Monument Association
- Guthrie Ranches, J. Less Guthrie

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 or Behavior

PROJECT SUMMARY

County: Tulare

Applicant: USDA Forest Service, Sequoia National Forest, Western Divide Ranger District

Project Title: Long Meadow Restoration Project

PROJECT GOAL

The goal of this project is to repair a large and unstable headcut within Long Meadow. These conditions are impacting the stability of the meadow through accelerated loss of meadow vegetation and soil, resulting in negative consequences to water quality and downstream aquatic habitats. Long Meadow also contains unique cultural and scenic resources which could be compromised through continued meadow degradation. Proposition 84 grant funds will provide for pre-project planning and environmental review to allow implementation of the Long Meadow Restoration Project. This project is consistent with Proposition 84 requirements to protect and restore water sources and their associated lands. This project is consistent with Sierra Nevada Conservancy goals to protect, conserve, and restore the Region's physical and cultural resources and improve water quality. This project will contribute to the protection and restoration of the Long Meadow Creek sub-watershed and larger Wild and Scenic Middle Kern River watershed.

PROJECT SCOPE

This grant will provide for pre-project planning and environmental review to prepare a joint NEPA/CEQA document for the long term restoration work at Long Meadow. The outcome would be a fully supported decision specifying on-the-ground implementation measures to restore ecosystem conditions and protect natural and cultural resources. Resource specialists will perform necessary reports, assessments, and site surveys. Other activities will include preparing and completing plans for a site specific project design. The project will include costs to acquire a U.S. Army Corps of Engineers Section 404 Permit, Section 401 Permit from California Regional Water Quality Control Board, and possibly a Streambed Alteration Agreement from California Department of Fish & Game. The project will include coordination with Sierra Nevada Conservancy for preparation of a joint NEPA/CEQA document. The pre-planning and environmental review will lead to project implementation to establish a low gradient step pool system from the bottom of the meadow up to the headcut. These actions will reduce the steepened flow gradient created by the headcut that currently promotes undercutting of the meadow, bank slumping, and soil transport. Exposed areas will be resloped to match the natural contours and planting of native vegetation will further stabilize the bankments. The Forest Service will provide in-kind services and contributions of salary, vehicle mileage, survey materials, print, and distribution costs to support the accomplishment of the project. This application will compliment a proposal submitted to SNC by the Giant Sequoia National Monument Association under this grant cycle. This Category 1 application will rehabilitate portions of the Trail of 100 Giants loop trail located in Long Meadow Grove, a popular recreation destination. These improvements will further decrease sediment transport into stream environments.

LETTERS OF SUPPORT

Letters of support are provided by the following individuals and organizations:

1. WildPlaces Ecological Restoration and Education (non-profit)
2. J. Less Guthrie – Rancher and Grazing Permittee
3. Giant Sequoia National Monument Association

SNC PROJECT DELIVERABLES AND SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Initiate joint NEPA/CEQA environmental analysis and issue Project Initiation letter (PIL); submit to SNC.	May 2011
Prepare engineering site design, conduct field surveys, and obtain regulatory permits; Army Corps of Engineers, Section 404 Permit; Water Quality Waiver, CA State Water Quality Board; and possible Streambed and Lakebed Alteration Agreement from CA Dept. of Fish & Game.	May-June 2011
Begin Internal & Interagency project scoping. Distribute PIL to Forest Service resource specialists (hydrology, soils, archaeology, wildlife biology, botany, etc.).	June-July 2011
Based on identified purpose and need, Forest Service develops proposed action and prepares scoping letter/map; schedule public meetings; issue press release; post on Sequoia NF website; conduct public meetings and possible field trip.	July-August 2011
Analyze results of public scoping and identify issues and concerns. Develop alternatives.	August -September 2011
Complete specialists reports including: Biological Evaluation/Assessment (BE/BA), Archaeological Reconnaissance Report, Vegetation & Hydrology Reports.	September-October 2011
Prepare joint CEQA/NEPA preliminary environmental document; send to public for appropriate public comment period.	October –December 2011
Analyze public comments received.	December 2011
Prepare and issue appropriate final environmental and decision documents; i.e., Decision Notice (DN) and Finding of No Significant Impact (FONSI) or Record of Decision (ROD).	January-February 2012
Complete six-month progress report/submit to SNC	October 2011
Complete six report/submit to SNC	April 2012
Complete final report/submit to SNC	October 2012

SNC PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Staff/Personnel Expense	\$53,520.00
Contracts/Consultants: Hydro-Engineer to design project site plan	\$5,000.00
Fees – Section 404 & 401 Permits	\$5,000.00
Fees – CEQA coordination	\$2,500.00
Indirect Costs: Performance Measure Reports	\$1,000.00
Indirect Costs: Public Notifications	\$100.00
Administrative Oversight/Budgeting and Accounting	\$5,200.00
SNC GRANT TOTAL	\$72,320.00

**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: THE SIERRA FUND

Project Title: HUMBUG CREEK WATERSHED ASSESMENT AND
MANAGEMENT PLAN

Subregion: CENTRAL

County: NEVADA

SNC Funding: \$197,592.00

Total Project Cost: \$235,092.00

Application Number: 407

Final Score: 90.2

PROJECT SCOPE

The purpose of the Humbug Creek Watershed Assessment and Management Plan is to develop a plan and acquire necessary permits to implement recommended activities to address the problems of turbidity, mercury, and physical hazards in the Humbug Creek/South Yuba River watershed that result from historic mining activities. The project will: compile existing knowledge on the ecosystem, habitat, human and natural environment in the Humbug Creek Watershed; characterize and assess the current water quality conditions of the abandoned Malakoff Diggins hydraulic mine and Humbug Creek and evaluate their contribution to the water quality of the South Yuba; evaluate and select actions to improve water quality in Humbug Creek, congruent with the natural habitat and resource management objectives and obligations of State Parks; and develop a management plan that specifies the recommended management techniques and actions, permitting requirements of any recommended actions, so that permitting can be completed and implementation is ready to proceed.

PROJECT SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Draft Watershed Assessment for review by advisors	June 2011
Draft Management Plan for review by advisors	April 2012
Draft Watershed Assessment for review by advisors	April 2012

Final Watershed Assessment and Management Plan August 2012	August 2012
Contracts for CEQA and Permitting Activities	August 2012
Final Watershed Assessment and Management Plan	August 2012
FINAL REPORT/FINAL PAYMENT REQUEST	March 2013

PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
SECTION ONE: Direct Costs	
Staff/Personnel	\$52,760.00
Travel/Meeting	1,300.00
Contracts/Consultants	57,400.00
Materials/Supplies	900.00
Purchases/equipment leases/lab costs	3,300.00
CEQA costs / consultant	50,000.00
SECTION TWO: Indirect Costs	
Outreach/Education	8,000.00
Performance Measure Reporting	1,200.00
SECTION THREE: Administrative Costs	22,732.00
GRANT TOTAL	\$197,592.00

PROJECT SUPPORT LETTERS

- California Department of Parks & Recreation, Natural Resources Division
- South Yuba River Citizens League, River Scenic Program Director
- California Department of Toxic Substances Control
- Huldrege & Kull Consulting Engineers – Geologists
- Delta Tributaries Mercury Council (Mercury Pollution in Northern California) & Larry Walker & 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 Collaboratively Developed Plans and Assessments
- Percent of Pre-Project Planning Efforts Resulting in Project Implementation

PROJECT SUMMARY

County: Nevada County
Applicant: The Sierra Fund
Project Title: Humbug Creek Watershed Assessment and Management Plan

PROJECT GOAL

The purpose of the Humbug Creek Watershed Assessment and Management Plan is to develop a plan and acquire necessary permits to implement recommended activities to address the problems of turbidity, mercury, and physical hazards in the Humbug Creek watershed that result from historic mining activities. This is an area of the popular Malakoff Diggins State Historic Park that was home to the largest hydraulic mine in the world. The goal of the Humbug Creek Watershed Assessment and Management Plan is to develop a comprehensive plan to address the water quality and safety impairments in the watershed, while maintaining the cultural significance and integrity of the site.

This project directly addresses several goals of the SNC and Prop 84, most prominently:

- Protect, and restore the region's diverse resources by increasing knowledge about the watershed's rich historical and cultural resources, and how to manage and protect them.
- Improve water quality by addressing existing threats of turbidity, mercury and acid mine drainage, which will improve the water quality of Humbug Creek and the South Yuba River, and lead to protection and restoration of downstream waterways, the Yuba and Feather River watershed, and associated natural resources.

PROJECT SCOPE

The project will:

- ❖ Compile existing knowledge on the ecosystem, habitat, human and natural environment in the Humbug Creek watershed in a pro-active, voluntary and collaborative way.
- ❖ Characterize and assess the current water quality conditions of the Diggins and Humbug Creek and evaluate their contribution to the water quality of the South Yuba.
- ❖ Evaluate and select the most effective and feasible actions to improve water quality in Humbug Creek, congruent with the natural habitat and resource management objectives and obligations of State Parks.
- ❖ Develop a comprehensive plan that specifies the recommended management techniques and actions, permitting requirements of any recommended actions, so that permitting can be completed and implementation is ready to proceed.

State Parks will be the key project partner for compiling information on the watershed, and producing a feasible assessment and management plan. The South Yuba River Citizens League (SYRCL) will contribute 10 years of water monitoring data in the watershed, and be the main partner to promote community involvement through watershed educational tours and activities.

The Mining Toxins Working Group, a team of experts with representatives from USGS, BLM, State Water Resources Control Board, Department of Toxic Substances Control, and local environmental contractors will provide a forum for information gathering, project planning, and review of draft

management plans to ensure a final result that can be used as an example for similar sites throughout the Sierra Nevada. The Sierra Fund will anchor these activities, manage grant administration, facilitate inter-agency coordination, acquire any needed permits, and draft and finalize assessment and management plan documents.

This project draws on strong in-kind support from its partners. Agency participation in the Working Group is entirely in-kind, totaling at least \$28,000 of staff time. SYRCL is contributing use of their water quality monitoring sites and their watershed coordinator, totaling \$7,500. Finally, The Sierra Fund will use outreach funds already received from The California Wellness Foundation to assist with public outreach for the project. SNC funds will be used to complete all other work described above.

LETTERS OF SUPPORT

- CA State Parks
- South Yuba River Citizens League
- CA Dept. of Toxic Substances Control
- Larry Walker Associates
- Holdrege and Kull

SNC PROJECT DELIVERABLES AND SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Draft Watershed Assessment for review by advisors	June 2011
Draft Management Plan for review by advisors	April 2012
Final Watershed Assessment and Management Plan	August 2012
Contracts for Permitting Activities	August 2012

SNC PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
SECTION ONE: Direct Costs	
Staff/Personnel	\$52,760
Travel/Meeting	\$1,300
Contracts/Consultants	\$57,400
Materials/Supplies	\$900
Purchases	\$3,300
Permits	\$50,000
SECTION TWO: Indirect Costs	
Staff/Personnel	\$0
Outreach/Education	\$8,000
Performance Measure Reporting	\$1,200
SECTION THREE: Administrative Costs	
13% Overhead	\$22,732
SNC TOTAL GRANT REQUEST	\$197,592
SECTION FOUR: Other Project Contributions	\$37,500