

Lookout/Upper Pit Watershed Restoration Project



**Submitted
By:**

Pit Resource Conservation District
P.O. Box 301
Bieber, CA 96009
Authorized Representative: Thomas W. Esgate, Project Director

Submitted To:

Sierra Nevada Conservancy
11521 Blocker Dr., Suite 205
Auburn, CA 95603

September 1, 2015

Note on discussions with SNC staff per discrepancies in the Full application Checklist/instructions:

Item 6.a. in the Full Application Checklist is somewhat confusing. Under 6.a. there is the following direction: (5,000 character maximum for section 5.a only). This was obviously meant for section 6a, but it does not indicate if the limitation is to be with or without spaces.

In addition there is additional confusion in item 6.a. in that there are two check boxes that would indicate there are two different items, with perhaps the limitation applying only to the first item where the limitation is noted.

Our application was written with well below 5,000 characters for each of the 5.a. items, but somewhat over 5,000 characters, including spaces, for both items combined.

The discrepancies only came to light to the applicant in our final application review on 8/30/15, just prior to the submittal deadline. Applicant consulted with SNC staff and was advised that the character limited should have indicated "including spaces" and that 6.a. is in fact only one item, and not two separate items. Staff advised applicant to "not worry" about going slightly over the intended 5,000 character with spaces limit and to submit the application without going through last minute edits to further reduce characters in 6.a.

Appendix B - Full Application Checklist

SNC Reference#: 833

Project Name: Lookout/Upper Pit Watershed Restoration Project

Applicant: Pit Resource Conservation District

Please mark each box if item is included in the application. Please consult with SNC staff prior to submission if you have any questions about the applicability to your project of any items on the checklist. All applications must include a CD including an electronic file of each checklist item, if applicable. The naming convention for each electronic file is listed after each item on the checklist. (Electronic File Name = EFN: "naming convention". file extension choices)

Submission requirements for all Category One and Category Two Grant Applications

1. Completed Application Checklist (EFN: Checklist.doc, .docx, .or .pdf)
2. Table of Contents (EFN: TOC.doc, .docx, or .pdf)
3. Full Application Project Information Form (EFN: Siform.doc, .docx, or .pdf)
4. CCC/Local Conservation Corps Document (EFN: CCC.pdf)
5. Authorization to Apply or Resolution (EFN: authorization.doc, .docx, or .pdf)
6. Narrative Descriptions (EFN: Narrative.doc or .docx)
 - a. Detailed Project Description (5,000 character maximum for section 6a only)
Project Description including Goals/Results, Scope of Work, Location, Purpose, etc.
 - b. Workplan and Schedule
 - c. Restrictions, Technical/Environmental Documents and Agreements
 - Restrictions / Agreements (EFN: RestAgree.pdf)
 - Regulatory Requirements / Permits (EFN: RegPermit.pdf)
 - d. Organizational Capacity
 - e. Cooperation and Community Support
 - Letters of Support (EFN: LOS.pdf)
 - f. Tribal Consultation Narrative (EFN: tribal.doc, docx)
 - g. Long Term Management and Sustainability
 - Long-Term Management Plan (EFN: LTMP.pdf)
 - h. Performance Measures
7. Budget documents
 - a. Detailed Budget Form (EFN: Budget.xls, .xlsx)
8. Supplementary Documents
 - a. Environmental Documentation
 - California Environmental Quality Act (CEQA) documentation (EFN: CEQA.pdf)
 - National Environmental Policy Act (NEPA) documentation (EFN: NEPA.pdf)
 - b. Maps and Photos
 - Project Location Map (EFN: LocMap.pdf)
 - Parcel Map showing County Assessor's Parcel Number(s) (EFN: ParcelMap.pdf)

- Topographic Map (EFN: *Topo.pdf*)
- Photos of the Project Site (10 maximum) (EFN: *Photo.jpg, .gif*)
- c. Additional submission requirements for Fee Title Acquisition applications only
 - Acquisition Schedule (EFN: *acqSched.doc, .docx or .pdf*)
 - Willing Seller Letter (EFN: *WillSell.pdf*)
 - Real Estate Appraisal (EFN: *Appraisal.pdf*)
- d. Additional submission requirements for Site Improvement / Restoration Project applications only
 - Land Tenure Documents (EFN: *Tenure.pdf*)
 - Site Plan (EFN: *SitePlan.pdf*)
 - Leases or Agreements (EFN: *LeaseAgmnt.pdf*)

I certify that the information contained in the Application, including required attachments, is accurate, and that I have been authorized to apply for this grant.

Signed (Authorized Representative)

8/31/15

Date

Thomas W. Esgate, Project Director

Name and Title (print or type)

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SIERRA NEVADA CONSERVANCY	
PROPOSITION 1 – Watershed Improvement Program Project Information Form	
SNC REFERENCE #	
PROJECT NAME	
APPLICANT NAME (<i>Legal name, address, and zip code</i>)	
AMOUNT OF GRANT REQUEST	
TOTAL PROJECT COST	
PROJECT LOCATION (<i>County with approx. lat/long, center of project area</i>)	
SENATE DISTRICT NUMBER	ASSEMBLY DISTRICT NUMBER
PERSON WITH MANAGEMENT RESPONSIBILITY FOR GRANT CONTRACT	
<i>Name and title</i>	<i>Phone</i>
	<i>Email Address</i>
<input type="checkbox"/> Mr.	
<input type="checkbox"/> Ms.	
TRIBAL CONSULTATION CONTACT(S) INFORMATION	
<i>Name:</i>	<i>Phone Number:</i>
<i>Email address:</i>	
COUNTY ADMINISTRATOR OR PLANNING DIRECTOR CONTACT INFORMATION	
<i>Name:</i>	<i>Phone Number:</i>
<i>Email address:</i>	
NEAREST PUBLIC WATER AGENCY CONTACT INFORMATION	
<i>Name:</i>	<i>Phone Number:</i>
<i>Email address:</i>	

Please identify the appropriate project category below and provide the associated details (Choose One)

Category One Site Improvement

Category Two Pre-Project Activities

Category One Acquisition

Site Improvement/ Acquisition Project Area

Project Area:

Total Acres:

SNC Portion (if different):

Acquisition Projects Only For Acquisitions Only

Appraisal Included

Select one primary Pre-Project deliverable

Permit

CEQA/NEPA Compliance

Appraisal

Condition Assessment

Biological Survey

Environmental Site Assessment

Plan

Tom Esgate

From: Pit RCD <pitrcd@frontiernet.net>
Sent: Monday, July 27, 2015 11:10 AM
To: twesgate@sbcglobal.net
Subject: FW: CCC Review of the Lookout Project

Here is our other response.
Sharmie

From: Prop 1@CCC [<mailto:Prop1@CCC.CA.GOV>]
Sent: Monday, July 27, 2015 11:01 AM
To: Pit RCD <pitrcd@frontiernet.net>; Prop 1@CCC <Prop1@CCC.CA.GOV>; inquiry@prop1communitycorps.org
Cc: Hsieh, Wei@CCC <Wei.Hsieh@CCC.CA.GOV>; Wolsey, Scott@CCC <Scott.Wolsey@CCC.CA.GOV>; Johnson, Nicholas@CCC <Nicholas.Johnson@CCC.CA.GOV>
Subject: RE: CCC Review of the Lookout Project

Hi Sharmie,

Thank you for contacting the California Conservation Corps (CCC). Unfortunately, we are unable to participate in this project. Please include this email and the consultation review document below with your application as proof that you reached out to the CCC.

Thank you,

Wei Hsieh, Manager
Programs & Operations Division
California Conservation Corps
1719 24th Street
Sacramento, CA 95816
(916) 341-3154
Wei.Hsieh@ccc.ca.gov

**California Conservation Corps
Proposition 1 - Water Bond
Consultation Review Document**

Applicant has submitted the required information by email to the California Conservation Corps (CCC):
✓ Yes (applicant has submitted all necessary information to CCC)

After consulting with the project applicant, the CCC has determined the following:
✓ It is NOT feasible for CCC to be used on the project (deemed compliant)

APPLICANT WILL INCLUDE THIS DOCUMENT AS PART OF THE PROJECT APPLICATION.

From: Pit RCD [<mailto:pitrcd@frontiernet.net>]

Sent: Monday, July 27, 2015 9:23 AM

To: Prop 1@CCC

Subject: CCC Review of the Lookout Project

Good Morning,

Please find the attachment for our Lookout project. If you have any questions please contact me at the number listed below. Thank you.

Sharmie Stevenson, Business Manager

Pit Resource Conservation District

PO Box 301, Bieber, CA 96009

(530) 299-3405 fax (530) 299-9410

Tom Esgate

Subject: FW: CCC Review of the Lookout Project

From: Prop1 Community Corps [<mailto:inquiry@prop1communitycorps.org>]

Sent: Tuesday, July 28, 2015 10:48 AM

To: Pit RCD <pitrcd@frontiernet.net>

Subject: Re: CCC Review of the Lookout Project

Hello Sharmie,

Thank you for contacting the Local Conservation Corps. Unfortunately, we are unable to participate in this project. Please include this email with your application as proof that you reached out to the Local Conservation Corps.

Thank you,
Dominique

On Mon, Jul 27, 2015 at 9:24 AM, Pit RCD <pitrcd@frontiernet.net> wrote:

Good Morning,

Please find our attached document for our Lookout Project. If you have any questions please contact me at the number listed below. Thank you.

Sharmie Stevenson, Business Manager

Pit Resource Conservation District

PO Box 301, Bieber, CA 96009

[\(530\) 299-3405](tel:5302993405) fax [\(530\) 299-9410](tel:5302999410)

In the matter of: A RESOLUTION APPROVING THE application for grant funds for the Lookout/Upper Pit Watershed Restoration Project.

The following RESOLUTION was duly passed by the Board of Directors of the Pit Resource Conservation District (Pit RCD) at a special meeting held August 25, 2015, by the following vote:

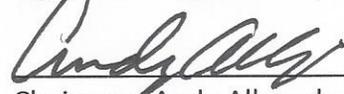
Ayes: 4

Noes: 0

Abstentions: 0

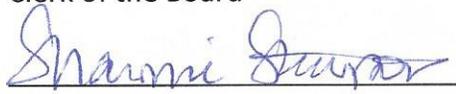
Absent: 1

Signed and approved by:


Chairman, Andy Albaugh

ATTEST:

Clerk of the Board



Sharmie Stevenson

WHEREAS, the Legislature and Governor of the State of California have provided funds for the program shown above; and

WHEREAS, the Sierra Nevada Conservancy (SNC) has been delegated the responsibility for the administration of a portion of these funds through a local assistance grants program, establishing necessary procedures; and

WHEREAS, said procedures established by the Sierra Nevada Conservancy require a resolution certifying the approval of application(s) by the Applicant's governing board before submission of said application(s) to the SNC; and

WHEREAS, the Applicant, if selected, will enter into an agreement with the SNC to carry out the project; and

WHEREAS, the Pit Resource Conservation District has identified the Lookout Ranchettes Watershed Restoration Project as valuable toward meeting its mission and goals.

BE IT HEREBY RESOLVED by the Board of Directors of the Pit RCD that this Board:

- approves the submittal of an application for the Lookout Ranchettes Watershed Restoration project; and
- certifies that applicant understands the assurances and certification requirements in the application; and
- certifies that applicant or title holder will have sufficient funds to operate and maintain the resource(s) consistent with the long-term benefits described in support of the application; or will secure the resources to do so; and
- certifies that applicant will comply with all legal requirements as determined during the application process; and
- appoints Tom Esgate and/or Sharmie Stevenson, or designee, as agents to conduct all negotiations, execute and submit all documents, including but not limited to: applications, agreements, payment requests, and so on, which may be necessary for the completion of the aforementioned project(s).

PASSED AND ADOPTED by the Pit Resource Conservation District on the 27th day of August, 2015.

5. Organizational Information

We have verified with SNC staff that all our required organizational information is on file

833 Lookout/Upper Pit Watershed Restoration Project

6. Narrative Description

a. Detailed Project Description

Our SNC Lookout/Upper Pit Watershed Restoration Project is a continuation of our Kramer Ranch/Lookout Watershed Restoration Project that together encompass over 6,000 acres in both Lassen & Modoc County. In 2013 PRCD, in partnership with Lassen County Fire Safe Council, Inc. (LCFSC), completed 1,900 acres of landscape-scale and community fuel treatments along the Burlington Northern Railroad corridor to the south and within the Lookout Ranchettes community. This project was funded by SNC, the Western States Foresters/Western WWUI (WWUI) program and the California Fire Safe Council (CFSC) (the latter two with funds from the US Forest Service). In 2014 the 13,000 acre Day Fire almost tested some of our work, but it was stopped about 1/4 mile NW of the Lookout community. It has become obvious from the Day Fire experience that more needs to be done to both restore the watershed and to buffer and protect the community from the timberland to the west.

Over 20,000 acres of overstocked, heavy-fuel-laden forest lies to the west and southwest of the Lookout Community in the direction of the prevailing winds. This is mixed conifer forestland choked with an abundance of white fir. We are proposing to use SNC funds to implement landscape-scale watershed restoration treatments on 900 acres of this area. The treated acres will also serve as a shaded fuel break for the Lookout Community. W.M. Beaty & Associates (Beaty), the manager of the land to be treated with SNC funds, has agreed to partner with the PRCD, LCSFC, and the community to implement the project and to contribute the required RPF services.

In this next phase of our project we are requesting SNC funding for 900 acres of watershed restoration work. SNC funded forest treatment work will fully connect with our previously completed work to the south. Companion projects for this phase include the treatment of 465 acres with \$200,000 in CFSC funding awarded in July of 2015. In addition, in July 2015 we made a request for an additional \$260,000 in WWUI funds to complete the balance of this phase, 482 acres of treatment. The SNC portion of this phase will complete our project and treat 900 acres. Treatments will consist of biomass thinning of small and suppressed trees and some mastication of brush.

Goals and Results:

The goal of the project is to expand upon our previously completed work and thereby enhance watershed benefits. At the same time our treatments will be providing protection from wildfire to the community of Lookout.

The purpose of the project is to implement forest restoration treatments that will: reduce hazardous fuel loads, improve public safety and reduce the probability of stand replacing fires; restore native forest communities; improve forest health by removing insect and disease affected trees; reduce stand density, making forests more resistant

to drought; improve forest adaptability to climate change; reduce the risk of catastrophic wildfire and the associated adverse effects on air and water quality; reduce the probability of excessive greenhouse gas emissions associated with catastrophic wildfire; stabilize carbon storage by improving forest health; improve and enhance watershed services and functions; maintain, improve, and protect habitat on the landscape; improve local socioeconomic conditions by employing local contractors and sustaining local biomass generation facilities (our project will produce biomass fuel that will be utilized in the production of renewable energy); and protect working forest and agricultural landscapes.

Scope of Work

900 acres of mixed conifer forest will be mechanically thinned to a 40%-50% crown closure. Some mastication of brush will be conducted where deemed necessary. All work will be conducted in compliance with the California Forest Practice Act.

Location:

The SNC component of our project is directly west and adjacent to the Lookout Ranchettes subdivision in Modoc County where PRCD & LCFSC completed community treatments in 2012-13. The 900 acre SNC project area rises up the base of Big Valley Mountain and treatments there are critical for the restoration of the watershed and the protection of the populated area. The companion 947 acres of restoration treatments will be accomplished to the North, West and South of the SNC project area with PRCD/CFSC & WWUI Grant funds, bringing the total restored acres in this phase to 1,847 acres.

Purpose/Project Benefits in Relation to State Plans and Guidelines:

The Lookout/Upper Pit Watershed Restoration Project will achieve multiple tangible benefits that further the purposes of Proposition 1. The goals and outcomes of the proposed project are also aligned with the California Water Action Plan's stated need to restore forest health through ecologically sound forest management (thereby improving water quality and quantity) and reducing greenhouse gas emissions. The proposed project also supports the Sierra Nevada Forest and Community Initiative (SNFCI), addresses objectives of SNC's Healthy Forests Focus Area, and will directly result in all eight expected outcomes of the SNC Watershed Improvement Program.

b. Work Plan and Schedule

Overall project management, the filing of reports and performance reporting will be the responsibility of the PRCD Project Director. PRCD Business Manager will be responsible for the processing of invoices and project accounting. Beaty will provide Registered Professional Forester service as an in-kind donation of services. Project will be advertised and awarded on the basis of competitive bids.

900 acres of mixed conifer forest will be thinned to a 40%-50% crown closure. Some mastication of brush will be conducted where deemed necessary. All work will be conducted in compliance with the California Forest Practice Act. Mechanical work will be accomplished by a Licensed Timber Operator using timbcos, shears, skidders, chippers and masticators. Biomass utilization of material will be used to reduce costs. Pre and post treatment monitoring of forest stands will be conducted by our contracted PhD Ecologist in conjunction with performance measure reporting.

DETAILED PROJECT DELIVERABLES	TIMELINE
INCLUDE SPECIFIC DELIVERABLES IDENTIFIED IN SCOPE AND ALL PROGRESS REPORTS, ETC.	ASSUME START DATE 60 DAYS AFTER SNC BOARD AUTHORIZATION (Assumes March 2016 Award)
Setup Pre-treatment Monitoring Transects	5/15/2016
Prepare Bid Documents	5/15/2016
Bid Solicitation & Award	6/30/2016
Project Layout	6/30/2016
Project Treatments/Implementation	8/1/2016
First 6 Month Reporting	11/15/2016
Second 6 Month Reporting	5/15/2017
Post Treatment Monitoring of Transects	11/1/2017
Third 6 Month Progress Report	11/15/2017
Final Project Reporting/800 Acres of Forest & Watershed Restored	1/31/2018

c. Restrictions, Technical/Environmental Documents and Agreements

i. Restrictions/Agreements

There are no restrictions that would impede the successful implementation of our project. The project will fully comply with the California Forest Practice Act.

There are no additional agreements necessary to implement and/or monitor our project, other than the executed Tenure Agreement that is included in this application.

ii. Regulatory Requirements / Permits

All regulatory requirements have been satisfied with the issuance of the 14 CCR § 1038(b) Exemption, 2-15EX-882-MOD, by the California Department of Forestry and Fire Protection. A copy of the exemption is included with the application. (Note: The exemption covers not only the 833 SNC project, but the Beaty portion of our CFSC and WWUI projects as well.)

**LOOKOUT BIOMASS
RED RIVER FORESTS LLC**

BOE
LMU
Schroeder
F61
WGS
MODOCP

**CHRISTMAS TREE; DEAD, DYING OR DISEASED;
FUELWOOD OR SPLIT PRODUCTS EXEMPTION**

FOR ADMIN. USE ONLY

Ex. # 2-15EX-822-M00
Date of Receipt 8.25.15
Date Expires 8.24.16

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION
NOTICE OF TIMBER OPERATIONS THAT ARE EXEMPT FROM
TIMBER HARVESTING PLAN REQUIREMENTS; RM-73 (1038ab) (12/08)

VALID FOR ONE YEAR FROM DATE OF RECEIPT BY CAL FIRE

The Director of the Department of Forestry and Fire Protection (CAL FIRE) is hereby notified of timber operations under the requirements of 14 CCR § 1038(a) or (b). The following type(s) of timber operation is to be conducted:

- Harvesting Christmas trees.
- Harvesting dead, dying or diseased trees of any size in amounts less than 10 percent of the average volume per acre, where timber operations will meet the conditions listed in 14 CCR § 1038(b).
- Harvesting fuelwood or split products in amounts less than 10 percent of the average volume per acre, where timber operations will meet the conditions listed in 14 CCR § 1038(b).

The timber owner shall complete this form both pages, then sign on page two.

RECEIVED
AUG 25 2015

1. TIMBER OWNER(S) OF RECORD: **RED RIVER FORESTS LLC**
c/o W. M. BEATY & ASSOCIATES, INC.

Address: **PO Box 990898**
Redding CA 96099-0898

Phone: **(530) 243-2783**
REDDING FOREST PRACTICE

TIMBER TAX NOTICE: Timber owners owe timber yield tax when they harvest trees unless the harvest is exempt (Revenue and Taxation Code sec. 38116). Some small or low value harvests may be exempt from the timber yield tax: timber removed from an operation whose value does not exceed \$3,000 within a quarter, according to BOE Harvest Value Schedules, Rule 1024. If you believe your harvest may qualify for this exemption, please complete items A, B, C, and D below. For timber yield tax information or for further assistance with these questions call the State Board of Equalization, 1-800-400-7115 or write: Timber Tax Section, MIC: 60, State Board of Equalization, P.O. Box 942879, Sacramento, California 94279-0060; or contact the BOE Web Page on the Internet at <http://www.boe.ca.gov>.

A. Check the option that most closely estimates the total volume for this harvest, in thousands of board feet (mbf - Net Scribner short log):
Under 8 mbf 8-15 mbf 16-25 mbf Over 25 mbf

None; fuelwood only.

B. Estimate what percentage of timber will be removed during this harvest:

Redwood: _____ %; Ponderosa/Sugar pine: **50 %**; Douglas-fir: _____ %; Fir: **20 %**;

Port-Orford Cedar: _____ %; Cedar (IC, WRC): **20 %**; Other conifer: _____ %; Other hardwood: **10 %**.

C. Fuelwood over 150 cords? Yes No D. Christmas trees over 3,000 lineal feet? Yes No

2. TIMBERLAND OWNER(S) OF RECORD: **RED RIVER FORESTS LLC**
c/o W. M. BEATY & ASSOCIATES, INC.

Address: **PO Box 990898**
Redding CA 96099-0898

Phone: **(530) 243-2783**

3. LICENSED TIMBER OPERATOR(S): **W.M. BEATY & ASSOCIATES, INC.** Lic. No. **A9248** ✓

Address: **PO Box 990898**
Redding, CA 96099-0898

Phone: **(530) 243-2783**

Page One.

NOTE: This form has two pages. Continue on and complete Page Two. Read the instructions before attempting to complete.

**LOOKOUT BIOMASS
RED RIVER FORESTS LLC**

NOTICE OF EXEMPTION FOR CHRISTMAS TREES; DEAD, DYING OR DISEASED; FUELWOOD. Page Two

4. Designate the legal land description of the location of the timber operation. Attach a 7.5 minute quadrangle or equivalent map showing the location of the timber operation. It would be helpful to show the access road and attach a copy of an assessor's parcel map for areas of less than 40 acres.

<u>Sections</u>	<u>Township</u>	<u>Range</u>	<u>Base & Meridian</u>	<u>County</u>	<u>Logging Area Acreage (Estimated)</u>	<u>(Optional) Assessors Parcel #</u>
35, 36	40N	06E	MDM	Modoc		
1, 2, 11, 12, & 13, 14, 23	39N	06E	MDM	Modoc	2,490 acres	

The following are limitations or requirements for timber operations conducted under a Notice of Exemption for Christmas Trees, Dead, Dying or Diseased, or Fuelwood (Notice, Notice of Exemption):

1. This notice must be submitted to and received by CAL FIRE at one of the offices listed below prior to the commencement of timber operations.
2. 14 CCR § 1038(b) places certain limits on the harvesting of Christmas trees, dead, dying and diseased trees, and fuelwood or split products. These limits need to be examined to assure compliance.
3. Timber operations conducted under this notice shall comply with all operational provisions of the Forest Practice Act and District Forest Practice Rules applicable to "Timber Harvest Plan," "THP," and "plan." The requirements to submit a completion and stocking report normally do not apply. The requirements for environmental review under the California Environmental Quality Act (See 14 CCR § 15300.1) also do not apply.
4. There are special requirements for timber operations conducted in Coastal Commission Special Treatment Areas, the Tahoe Regional Planning Agency area, and in counties with special rules adopted by the Board of Forestry and Fire Protection. These rules should be reviewed prior to submitting this notice to CAL FIRE.
5. This Notice of Exemption is valid for one year from the date of receipt by CAL FIRE.
6. A timber operator with a valid state license must be designated upon submission of this notice.

The following suggestions may help ensure your compliance with the Forest Practice Rules:

1. Timber owners, timberland owners and timber operators should obtain and review copies of the Forest Practice Rules pertaining to the Notice of Exemption. Copies may be obtained from BARCLAYS LAW PUBLISHERS, P.O. BOX 3066, SO. SAN FRANCISCO, CA. 94080. or from CAL FIRE, Forest Practice Section, P.O. BOX 944246, Sacramento, CA 94244-2460; or from CAL FIRE's Web Page on the Internet at <http://www.fire.ca.gov>.
2. Contact the nearest CAL FIRE office listed below for questions regarding the use of this notice.

FILE THIS NOTICE WITH THE CAL FIRE OFFICE BELOW FOR THE COUNTY IN WHICH THE OPERATION WILL OCCUR:

Alameda, Colusa, Contra Costa, Del Norte Humboldt, Lake, Marin, Mendocino, Napa, San Mateo; Santa Clara; Santa Cruz, Solano; Sonoma, western Trinity and Yolo Counties	=>	Forest Practice Program Manager CAL FIRE 135 Ridgway Avenue Santa Rosa, CA 95401
Butte, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sutter, Tehama, eastern Trinity and Yuba Counties.	=>	Forest Practice Program Manager CAL FIRE 6105 Airport Road Redding, CA 96002
Alpine, Amador, Calaveras, El Dorado, Fresno, Imperial, Inyo, Kern, Los Angeles, Madera, Mariposa, Merced, Mono, Monterey, Orange, Riverside, San Benito, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Stanislaus, Tuolumne, Tulare, and Ventura Counties.	=>	Forest Practice Program Manager CAL FIRE 1234 East Shaw Avenue Fresno, CA 93710

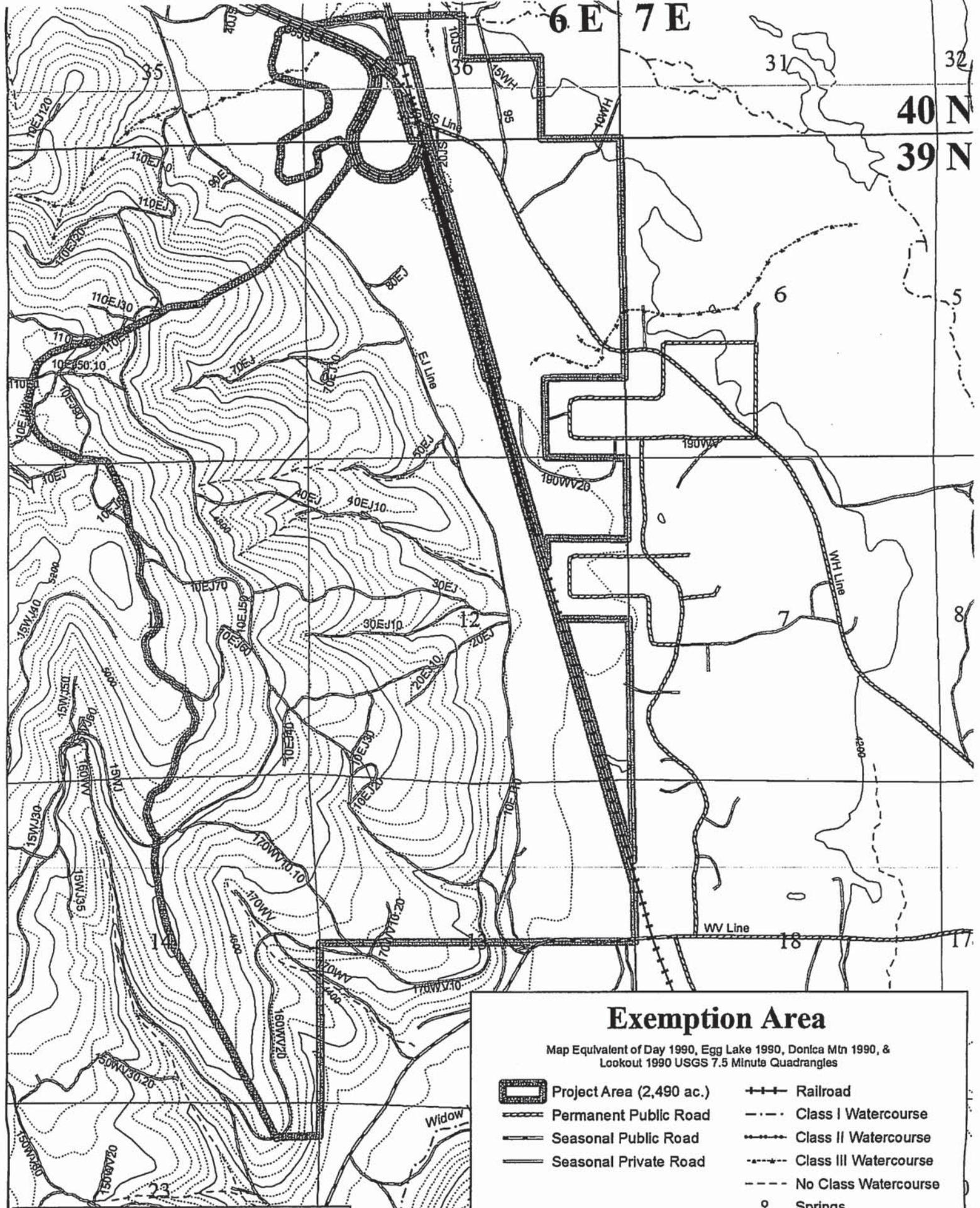
SIGNATURE OF THE TIMBER OWNER OR AGENT THEREOF:



Date: **8/24/15**

Printed Name: **Jeffrey J. Oldson**
c/o W. M. BEATY & ASSOCIATES, INC.
Address: **PO Box 990898**
Redding CA 96099-0898

Title: **Reforestation Forester**
Phone: **(530) 336-6986**



6 E 7 E

31 32
40 N
39 N

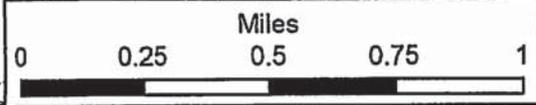
6 5
7 8

18 17

Exemption Area

Map Equivalent of Day 1990, Egg Lake 1990, Donica Mtn 1990, & Lookout 1990 USGS 7.5 Minute Quadrangles

- | | |
|--|---|
|  Project Area (2,490 ac.) |  Railroad |
|  Permanent Public Road |  Class I Watercourse |
|  Seasonal Public Road |  Class II Watercourse |
|  Seasonal Private Road |  Class III Watercourse |
| |  No Class Watercourse |
| |  Springs |



d. Organizational Capacity

PRCD employs a Business Manager who handles day to day activities and also serves as their bookkeeper. All other work is furnished by independent contractors, including a Watershed Coordinator and a Project Director who manages our terrestrial projects. We also contract for Registered Professional Forester Services, Biological and Botanical services, and Cultural Resource/Archaeological services. Our contracted PhD Ecologist will perform the monitoring work for this project. All of our contracted staff work closely together to successfully implement our projects.

Our treatment work will be accomplished through a Licensed Timber Operator who will be hired through a competitive bidding process.

We have treated and restored over 20,000 acres in Lassen & Modoc Counties over the last 12 years. We have completed and are successfully managing several SNC funded projects. In 2010 we completed a 3.5 million dollar NRCS Conservation Innovative Grant that restored over 4,000 acres. In 2012 we completed a 2.8 million dollar NRCS Cooperative Conservation Partnership Initiative that restored another 4,000 acres. We have completed all our projects on time, within budget and treated significantly more acres at lower costs than initial estimates. In summary, PRCD has the expertise and capacity to complete the Lookout Watershed Restoration Project.

e. Cooperation & Community Support

Our project has been developed through the Upper Pit Regional Integrated Regional Watershed Plan Working Group and the Modoc and Lassen County Community Wildfire Protection Plan processes where it is ranked as a top priority for both counties.

Participants in the project's development included representatives from 3 National Forests, 2 BLM Field Offices, CalFire, Local Fire Departments, 2 County Governments, 4 Private timber companies, Tribes, NRCS, the Lassen & Modoc County Fire Safe Councils, the Lookout Firewise Board and many members of the public.

The project was further defined in the development of the Lookout Firewise Community Assessment which was completed by Lassen County Fire Safe Council, Inc. and approved by the Lookout Firewise Board in December of 2013. During the community scoping process it was determined that heavy hazardous fuel loads to the west of the community posed the biggest threat to Lookout Ranchettes Subdivision and the greater watershed. This project was the top priority in the Community Assessment Action Plan.

i. Letters of Support

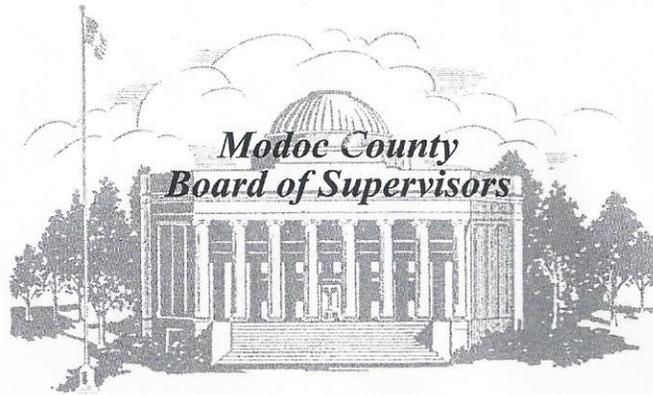
DAVID ALLAN
1st District

PATRICIA CULLINS
2nd District

KATHIE ALVES
3rd District

JAMES WILLS
4th District

GERI BYRNE
5th District



AMBER M. MASON
DEPUTY CLERK OF THE
BOARD OF SUPERVISORS

204 S. COURT STREET
ALTURAS, CALIFORNIA 96101

(530) 233-6201
FAX (530) 233-2434

August 25, 2015

Sierra Nevada Conservancy
Jim Branham – Executive Officer
11521 Blocker Drive, Suite 205
Auburn, CA 95603

Dear Mr. Branham:

The Modoc County Board of Supervisors is in full support of the Pit Resource Conservation District's Lookout/Upper Pit River Watershed Restoration Project. This project will provide for a shaded fuel break which will help restore the watershed, reduce wildfire risk for the Lookout community, and improve habitat for numerous species. The overall proposed project will treat approximately 1,517 acres and will further work that was previously completed when 1,900 adjacent acres received fuel loading treatments.

This project is consistent with the Modoc County CWPP and is specifically cited as a top priority. The Modoc County Board of Supervisors believes that this is a critical project as it reduces hazardous fuel loads on both a community and landscape scale thereby reducing the risk to people and property and assists in suppression efforts and firefighter safety. This project also complies with the Lookout Firewise Community Assessment and promotes landowner participation. Finally, this project supports our local economy by creating job opportunities.

Please accept this letter of support as one of highest regard for the Pit Resource Conservation District's proposed Lookout/Upper Pit River Watershed Restoration Project.

Sincerely,

A handwritten signature in blue ink that reads "Kathie Alves". The signature is written in a cursive, flowing style.

Kathie Alves,
Chairman, Modoc County Board of Supervisors

County of Lassen
ADMINISTRATIVE SERVICES



ROBERT F. PYLE

District 1

JIM CHAPMAN

District 2

JEFF HEMPHILL

District 3

AARON ALBAUGH

District 4

TOM HAMMOND

District 5

Richard Egan
County Administrative Officer
email: roadmin@co.lassen.ca.us

Julie Morgan
Assistant to the CAO
email: jmorgan@co.lassen.ca.us

Regina Schaap
Executive Assistant to the CAO
email: rschaap@co.lassen.ca.us

County Administration Office
221 S. Roop Street, Suite 4
Susanville, CA 96130
Phone: 530-251-8333
Fax: 530-251-2663

August 26, 2015

Sierra Nevada Conservancy
Jim Branham – Executive Officer
11521 Blocker Drive, Suite 205
Auburn, CA 95603

Dear Mr. Branham:

The Lassen County Board of Supervisors is in full support of the Pit Resource Conservation District's Lookout/Upper Pit River Watershed Restoration Project. This Project will provide for a shaded fuel break to help restore the watershed and is consistent with the Lassen County Community Wildfire Protection Plan. The Project will reduce wildfire risk for the Lookout community and improve habitat in the Pit River watershed.

The Project conforms to the Lookout Firewise Community Assessment and promotes landowner participation. The Project will treat approximately 1,517 acres, and adjoins 1,900 adjacent acres of completed fuel loading reduction treatments. The Project will reduce hazardous fuel loads on both a community and landscape scale thereby reducing the risk to people and property and assists in suppression efforts and firefighter safety. Finally, this project supports our local economy by creating job opportunities. The Lassen County Board of Supervisors is in full support of this Project.

Please accept this letter of support as one of highest regard for the Pit Resource Conservation District's proposed Lookout/Upper Pit River Watershed Restoration Project.

Sincerely,

A handwritten signature in black ink that reads "Robert Pyle".

Robert Pyle, Chairman
Lassen County Board of Supervisors

COPY

STATE CAPITOL
P.O. BOX 942849
SACRAMENTO, CA 94249-0001
(916) 319-2001
FAX (916) 319-2101

DISTRICT OFFICE
280 HEMSTED DRIVE, SUITE 110
REDDING, CA 96002
(530) 223-6300
FAX (530) 223-6737

E-MAIL

Assemblymember.Dahle@assembly.ca.gov

Assembly
California Legislature



BRIAN DAHLE
ASSEMBLYMAN, FIRST DISTRICT

COMMITTEES

VICE CHAIR: ENVIRONMENTAL SAFETY
AND TOXIC MATERIALS
VICE CHAIR: NATURAL RESOURCES
PRIVACY AND CONSUMER PROTECTION
UTILITIES AND COMMERCE
WATER, PARKS AND WILDLIFE

Aug. 26, 2015

Jim Branham, Executive Officer
Sierra Nevada Conservancy
11521 Blocker Drive, Suite 205
Auburn, CA 95603

Dear Jim,

I write to offer my enthusiastic support for the Pit Resource Conservation District's application for grant funding to complete the Lookout/Upper Pit River Watershed Restoration Project.

This shaded fuel break will protect the residents of Lookout from wildfires. It will also restore the watershed of the Upper Pit River, one of the most critical tributaries to the Sacramento, and enhance wildlife habitat.

The project's 1,500-plus acres build upon earlier regional fuel treatments to create a truly landscape-scale improvement across the boundaries of both private landowners and the Modoc National Forest.

The community and environmental benefits of the project make it a win-win for the Sierra Nevada Conservancy. Thank you for giving it your careful consideration.

Sincerely,

A handwritten signature in blue ink that reads "Brian Dahle".

BRIAN DAHLE
Assemblyman, 1st District



USDA Forest Service

Modoc National Forest,
Big Valley Ranger District

P.O. Box 159
508 South Main Street
Adin, CA 96006
(530) 299-3215

File Code: 1950

Date: August 26, 2015

Subject: Letter of project support

Sierra Nevada Conservancy
Jim Branham – Executive Officer
11521 Blocker Drive, Suite 205
Auburn, CA 95603

Dear Mr. Branham:

The Modoc National Forest/Big Valley Ranger District is in full support of the Pit Resource Conservation District's Lookout/Upper Pit River Watershed Restoration Project. This project will provide for a shaded fuel break which will help restore the watershed, reduce wildfire risk for the Lookout community, and improve habitat for numerous species. The overall proposed project will treat approximately 1,517 acres within and west of the community of Lookout in Modoc County. It will also enhance watershed and fuel reduction treatments that were completed in 2013. National Forest lands in the Big Valley Mountain vicinity of the project will also benefit for the project from the reduction of hazardous fuel loads.

This project is consistent with the Modoc County CWPP and it has been specifically cited as a top priority. The Big Valley Ranger District supports projects such as this that reduce fuel loads on both a community and landscape scale thereby reducing the risk to people and property. The project will also assist with suppression efforts and firefighter safety. Finally, this project supports our local economy by creating job opportunities in the forest products sector.

Please accept this letter of support as one of highest regard for the Pit Resource Conservation District's proposed Lookout/Upper Pit River Watershed Restoration Project.

Sincerely,

CHRIS L. CHRISTOFFERSON
District Ranger
Big Valley and Double Head Ranger Districts
530 299 8410



United States Department of the Interior



**Bureau of Land Management
Applegate Field Office
708 West 12th Street
Alturas, CA 96101
www.ca.blm.gov/alturas**



IN REPLY REFER TO:
(P) (LLCAN02000)
5000

August 26, 2015

Sierra Nevada Conservancy
Jim Branham – Executive Officer
11521 Blocker Drive, Suite 205
Auburn, CA 95603

Dear Mr. Branham:

The Bureau of Land Management's (BLM) Applegate Field Office is in full support of the Pit Resource Conservation District's Lookout/Upper Pit River Watershed Restoration Project. This project will provide for a shaded fuel break which will help restore the watershed, reduce wildfire risk for the Lookout community, and improve habitat for numerous species. The overall proposed project will treat approximately 1,517 acres within and west of the community of Lookout in Modoc County. It also will enhance watershed and fuel reduction treatments that were completed in 2013. BLM managed land in the vicinity of the project will also benefit from the project's hazardous fuel load reduction.

This project is consistent with the Modoc County CWPP and it has been specifically cited as a top priority. The Applegate Field Office supports projects such as this that reduce fuel loads on both a community and landscape scale thereby reducing the risk to people and property. The project also will assist with suppression efforts and firefighter safety. Finally, this project supports our local economy by creating job opportunities in the forest products sector.

Please accept this letter of support as one of highest regard for the Pit Resource Conservation District's proposed Lookout/Upper Pit River Watershed Restoration Project.

Sincerely,


Dennis A. Sylvia, PhD
Field Office Manager



DEPARTMENT OF FORESTRY AND FIRE PROTECTION

Lassen Modoc Plumas Unit
697-345 Hwy 36
Susanville, CA 96130
(530) 257-4171
Website: www.fire.ca.gov



Letter of Support for the Lookout/Upper Pit River Watershed Project

August 26, 2015

Sierra Nevada Conservancy
Jim Branham – Executive Officer
11521 Blocker Drive, Suite 205
Auburn, CA 95603

Dear Mr. Branham:

The CAL FIRE Lassen Modoc Plumas Unit is in full support of the Pit Resource Conservation District's Lookout/Upper Pit River Watershed Restoration Project. This project will provide for a shaded fuel break which will help restore the watershed, reduce wildfire risk for the Lookout community, and improve habitat for numerous species. The overall proposed project will treat approximately 1,517 acres within and west of the community of Lookout in Modoc County. National Forest and BLM managed lands in the Big Valley Mountain vicinity of the project will also benefit from the project's reduction hazardous fuel loads.

This project is consistent with the Lassen & Modoc County CWPPs and it has been specifically cited as a top priority in each. The CAL FIRE Lassen Modoc Plumas Unit supports projects such as this that reduce fuel loads on both a community and landscape scale thereby reducing the risk to people and property. The project will also assist with suppression efforts and improve firefighter safety. Finally, this project supports our local economy by creating job opportunities in the forest products sector.

Please accept this letter of support as one of highest regard for the Pit Resource Conservation District's proposed Lookout/Upper Pit River Watershed Restoration Project.

Sincerely,

David Junette, Unit Chief
CAL FIRE Lassen Modoc Plumas Unit



Natural Resources Conservation Service
44327 Hwy 299 E
P.O. 553
McArthur, CA 96056
(530) 336-5604

August 26, 2015

Sierra Nevada Conservancy
Jim Branham – Executive Officer
11521 Blocker Drive, Suite 205
Auburn, CA 95603

Dear Mr. Branham:

I would like to register my support for the Pit Resource Conservation District (PRCD) Lookout/Upper Pit Watershed Restoration Project, Sierra Nevada Conservancy funding request. The project is located at the base of Big Valley, on private land and adjacent to land managed for the public by the U. S. Bureau of Land Management. It will provide shared watershed and wildlife habitat restoration benefits as well as a reduction in fuel loads. PRCD is an important partner in regional efforts to restore eastside forests and watersheds in the Upper Sacramento River Watershed. Over the past 12 years their projects have restored over 20,000 acres of watershed. Many of their projects have included land managed for the public and some have been located directly adjacent to National Forest lands. In addition, they are providing important information on the response of ecological sites to eastside/mixed conifer restoration treatments through the hydrological and vegetation monitoring they are conducting. PRCD also has a strong track record in leveraging all their partners' investments. \$200,000 has already been awarded to this project from the California Fire Safe Council and an additional \$260,000 is under consideration by the Western States Foresters.

Your support of the PRCD Lookout/Upper Pit Watershed Restoration Project will be greatly appreciated and we hope that the Sierra Nevada Conservancy will give favorable consideration to the PRCD funding request.

Sincerely,

A handwritten signature in purple ink, appearing to read "Dale Kroschel Jr.", written over a light blue horizontal line.

Dale Kroschel Jr.
Range Management Specialist
USDA: NRCS
McArthur Local Partnership Office
(530) 336-5604

The Natural Resources Conservation Service provides leadership in a partnership effort to help people conserve, maintain, and improve our natural resources and environment.

An Equal Opportunity Provider and Employer

HL POWER COMPANY, LP, an affiliate of



732-025 Wendel Road, Wendel, CA 96136

Phone: (530) 254-6161

August 26, 2015

Sierra Nevada Conservancy
Jim Branham – Executive Officer
11521 Blocker Drive, Suite 205
Auburn, CA 95603

Dear Mr. Branham:

H.L. Power Company, LP, an affiliate of Greenleaf Power, supports the Pit Resource Conservation District's Lookout/Upper Pit Watershed Restoration Project. As a Biomass Electricity Generation facility located in Lassen County, H.L. Power Company has been intimately involved with local forest and watershed restoration efforts for more than 20 years through environmentally clean utilization of forest fuels for the production of green power. Currently, the Pit Resource Conservation District is continuing in these efforts with this project near the Lookout Community in Modoc County. This project proposes to restore 900 acres of watershed through mixed conifer forest restoration treatments.

The project specifically addresses the Proposition 1 goal of restoring watersheds and their associated land, water, and natural resources. It will also address several SNC programmatic goals by: restoring the Region's physical and living resources; aiding in the preservation of working landscapes; reducing the risk of natural disasters, such as wildfires; improving water quality; and assisting the Regional economy.

The Pit Resource Conservation District has continually shown the ability to meet and exceed expectations while implementing large scale restoration projects. They have become an innovator and a model for others in project implementation.

H.L. Power supports the Lookout/Upper Pit Watershed Restoration Project and looks forward to the opportunity to assist the Pit Resource Conservation District restoration of ecosystems and watersheds to their natural condition.

Sincerely,

A handwritten signature in blue ink that reads "Mark A. Shaffer".

Mark A. Shaffer
Fuel Supply Manager

f. Tribal Consultation Narrative

In trying to include the Pit River Tribe in our project we have made numerous attempts to contact them. We have spoken with the Tribal office receptionist and were given the cell phone number of the Tribal Chairman and after several failed attempts to reach him it was decided to make a request to speak with someone else from the Tribe. The receptionist gave us another cell phone number of a person who apparently handles this type of business and after several attempts to reach this individual we placed another call to the Tribal office to determine if there was anyone else that might be able to speak for the Tribe. The receptionist was not sure who else to have me speak with and suggested we leave another message.

Tribal Contact Information:

Mikey Gimmel, Pit River Tribal Chairman
Telephone: 530-945-0769
Email: resistance@outlook.com

Tribal Communications

- 7/27/15 At 9:40 am I phoned the main phone number listed for the Pit River Tribe (530-335-5421) and spoke with receptionist Raquel Caberra to determine who to speak with regarding our project. I was transferred to Mickey Gimmel but the voice mail box was full and could not receive messages. I phoned back to the receptionist and she gave me Mr. Gimmel's cell number (530-945-0769). I phoned the number and left a voicemail asking Mr. Gimmel to contact me.
- 7/28/15 I mailed a letter to Mr. Gimmel explaining our project and asking him to contact me. I sent one letter certified and one letter via regular mail.
- 7/30/15 I phoned Mr. Gimmel again and left another message on his cell phone asking him to please contact me regarding the letter that I had sent.
- 8/14/15 Phoned Mr. Gimmel again but this time his cell phone was not accepting messages so I phoned back to the main office and spoke with Ms. Caberra. She gave me a new name and phone number, Morning Star Gali who was not in the office but is good at returning calls she said. I phoned Morning Star Gali (510-827-6719) and left a message asking to be contacted.
- 8/26/15 Phoned Morning Star Gali and left a second message asking to be contacted.
- 8/26/15 Phone the tribal office receptionist again to see if there was anyone else that might be able to help.

g. Long Term Management Plan

The forest stands within the project area are currently not sustainable and they would be severely impacted, if not eliminated, by a wildfire. Stands are currently being impacted by disease as a result of drought and overstocking.

Goals and Objectives

The Lookout Watershed Restoration Project has the following long-term goals and objectives:

- Maintain health of forest stand;
- Maintain forest in a condition that can survive a wildfire;
- Provide habitat for a variety of wildlife species;
- Provide opportunities for future revenue from timber;
- Provide biomass for renewable energy production;
- Keep forest stand free of noxious weeds;
- Maintain quality of meadow habitat;
- Maintain water quality and quantity

Protection and Maintenance

The following activities will take place in order to meet the long-term goals and objectives:

- Inspections for insects and disease will be conducted annually and infected trees will be removed;
- Roads will be maintained annually to reduce the potential for erosion to effect water quality;
- Inspections for noxious weeds will be conducted annually and potential infestations will be treated immediately;
- Every five years stands will be inventoried by a Registered Professional Forester to determine if there are opportunities for timber harvest or whether stands need maintenance to maintain adequate fire protection;
- Management Plan will be reviewed every five years to review goals and objectives and determine whether protection and maintenance measures are working to meet the outlined goals and objectives.

h. Performance Measures

We will report quantities and/or values of the following performance measures:

SNC Reporting/All Projects:

Number and Type of Jobs Created

Project will preserve and create forest products sector jobs

Number and Value of New, Improved, or Preserved Economic Activities

Project will help preserve employment in the forest products sector and renewable energy production activities, both of which are currently under stress.

Number of People Reached

The Pit RCD will provide updates on our website, <http://www.pitriverriveralliance.net/pitracd/> regarding project implementation and successes. The project will also be featured in our quarterly newsletter and a field tour.

Resources Leveraged for the Sierra Nevada

The Pit RCD has a successful track record leveraging funds and we will leverage additional resources beyond those included in our budget.

Selected SNC Performance Measures:

Acres of Land Improved or Restored

GIS layer will be delivered to SNC documenting the number of acres restored.

Kilowatts of Renewable Energy Production Capacity Maintained or Created

The biomass developed from this project will create renewable energy kilowatts.

PRCD Developed Performance Measure:

Changes in tree density and species composition toward a greater dominance of eastside pine and a reduction in canopy cover to less than 50%.

PRCD will collect pre- and post-treatment data to document changes in tree canopy cover, tree density, and species composition to demonstrate that the project has met its goals with respect to forest stand conditions.

7. Budget Documents

Budget Narrative:

This SNC request covers a portion of the second phase of a larger project as spelled out in Section 6/Narrative Description. Treatment costs for the balance of this phase will be covered by a \$200,000 California Fires Safe Council grant that was awarded in July of 2015 and a \$260,000 grant from the Western States Foresters/Western WUI program which was applied for in July of 2015. California Department of Forestry and Fire Protection is the responsible WWUI entity in California. They have ranked our project the #2 project in the state and have sent it on for national ranking by the full WWUI board. California is normally awarded 4-5 projects each year so there is a high probability that it will be funded. A final decision is expected by March 2016. Each grant will treat a specific area of this phase of our project in order to ensure accountability to each individual grantor.

Project Director will be responsible for the overall project management including the preparation of bid documents and contracts, contractor management, review of invoices, presentation of invoices to PRCD Board for payment approval, progress reporting, invoicing SNC for reimbursements and advances, performance reporting and final reporting/performance reporting and project closeout.

Treatment work will be conducted by a Licensed Timber Operator (LTO) in compliance with the California Forest Practice Act (CFPA). The LTO will gain ownership of the removed material as partial compensation for the services they will provide. The removed material will be hauled to a biomass fueled electrical generating facility where it be used in the production of renewable energy. We know from past experience that the value of the material alone will not pay for the treatments. Therefore LTOs will bid the job on the basis of a subsidy per acre, estimated to be between \$400-\$500 per acre. Beaty Registered Professional Foresters will ensure CFPA compliance by laying out units, flagging water courses and communicating with contactors and Project Director.

PRCD Business Manager will manage project accounts, receive funds on behalf of PRCD and issue checks upon PRCD Board approval.

a. Detailed Budget Form

SIERRA NEVADA CONSERVANCY
SNC Watershed Improvement Program - DETAILED BUDGET FORM

Project Name: Lookout/Upper Pit Watershed Restoration Project

Applicant: Pit Resource Conservation District

SECTION ONE DIRECT COSTS	Year One	Year Two	Year Three	Year Four	Year Five	Total
<i>Project Management Costs</i>	\$20,000.00	\$20,000.00				\$40,000.00
<i>Biomass Utilization Treatments</i>	\$180,000.00	\$180,000.00				\$360,000.00
<i>Mastication Treatments</i>	\$31,000.00	\$31,000.00				\$62,000.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
DIRECT COSTS SUBTOTAL:	\$231,000.00	\$231,000.00	\$0.00	\$0.00	\$0.00	\$462,000.00

SECTION TWO PARTIAL INDIRECT COSTS	Year One	Year Two	Year Three	Year Four	Year Five	Total
<i>Monitoring</i>	\$3,000.00	\$2,500.00				\$5,500.00
<i>Reporting/Performance Measures</i>	\$2,000.00	\$2,000.00				\$4,000.00
<i>Invoice Billing & Bookkeeping</i>	\$2,000.00	\$2,000.00				\$4,000.00
<i>Travel to and from Project Site</i>	\$3,000.00	\$3,000.00				\$6,000.00
<i>Prop 1 Sign & Instalation</i>	\$750.00					\$750.00
INDIRECT COSTS SUBTOTAL:	\$5,000.00	\$4,500.00	\$0.00	\$0.00	\$0.00	\$20,250.00
PROJECT TOTAL:	\$236,000.00	\$235,500.00	\$0.00	\$0.00	\$0.00	\$482,250.00

SECTION THREE Administrative Costs (Costs may not exceed 15% of the above listed Project costs) :						Total
<i>Administrative Costs</i>	\$8,875.00	\$8,875.00				\$17,750.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
ADMINISTRATIVE TOTAL:	\$8,875.00	\$8,875.00	\$0.00	\$0.00	\$0.00	\$17,750.00
SNC TOTAL GRANT REQUEST:	\$244,875.00	\$244,375.00	\$0.00	\$0.00	\$0.00	\$500,000.00

SECTION FOUR OTHER PROJECT CONTRIBUTIONS	Year One	Year Two	Year Three	Year Four	Year Five	Total
<i>List other funding or in-kind contributors to project (i.e. Sierra Business Council, Department of Water Resources, etc.)</i>						
California Fire Safe Council	\$200,000.00					\$200,000.00
Western States Foresters*	\$100,000.00	\$160,000.00				\$260,000.00
W.M. Beaty (RPF Services)	\$5,000.00	\$5,000.00				\$10,000.00
						\$0.00
						\$0.00
*Decision expected by 3/31/16						\$0.00
Total Other Contributions:	\$305,000.00	\$165,000.00	\$0.00	\$0.00	\$0.00	\$470,000.00

NOTE: The categories listed on this form are examples and may or may not be an expense related to the project. Rows may be added or deleted on the form as needed. Applicants should contact the SNC if questions arise.

- 8. Supplementary Documents**
 - a. Environmental Documentation**

8. a.i. California Environmental Quality Act (CEQA) documentation

Appendix F - CEQA/NEPA Compliance Form

(California Environmental Quality Act & National Environmental Policy Act)

Instructions: All applicants must complete the CEQA compliance section. Check the box that describes the CEQA status of the proposed project. You must also complete the documentation component and submit any surveys, and/or reports that support the checked CEQA status.

If NEPA is applicable to your project, you must complete the NEPA section in addition to the CEQA section. Check the box that describes the NEPA status of the proposed project. Submit any surveys, and/or reports that support the NEPA status. For both CEQA and NEPA, submittal of permits is only necessary if they contain conditions providing information regarding potential environmental impacts.

NOTE: Effective July 1, 2015, AB52 compliance is required.

CEQA STATUS

(All applicants must complete this section)

Check the box that corresponds with the CEQA compliance for your project. The proposed action is either Categorical Exempt from CEQA, requires a Negative Declaration, Mitigated Negative Declaration, or an Environmental Impact Report per CEQA.

Categorical Exemption or Statutory Exemption

If a project is exempt from CEQA, all applicants, including public agencies that provide a filed Notice of Exemption, are required to provide a clear and comprehensive description of the physical attributes of the project site, including potential and known special-status species and habitat, in order for the SNC to make a determination that the project is exempt. A particular project that ordinarily would fall under a specific category of exemption may require further CEQA review due to individual circumstances, i.e., it is within a sensitive location, has a cumulative impact, has a significant effect on the environment, is within a scenic highway, impacts an historical resource, or is on a hazardous waste site. Potential cultural/archaeological resources must be noted, but do not need to be specifically listed or mapped at the time of application submittal. Backup data informing the exemption decision, such as biological surveys, Cultural Information Center requests, research papers, etc. should accompany the full application. Applicants anticipating the SNC to file an exemption should conduct the appropriate surveys and submit an information request to an office of the California Historical Resources Information System (CHRIS).

1. Describe how your project complies with the requirements for claiming a Categorical or Statutory Exemption per CEQA:

2. If your organization is a state or local governmental agency, submit a signed, approved Notice of Exemption (NOE) documenting the use of the Categorical Exemption or Statutory Exemption, along with any permits, surveys, and/or reports that have been completed to support this CEQA status. The Notice of Exemption must bear a date stamp to show that it has been filed with the State Clearinghouse and/or County Clerk, as required by CEQA.
3. If your organization is a nonprofit, there is no other California public agency having discretionary authority over your project, and you would like the SNC to prepare a NOE for your project, let us know that and list any permits, surveys, and/or reports that have been completed to support the CEQA status. All supplementary documentation must be provided to the SNC before the NOE can be prepared.

-
- Negative Declaration OR**
 Mitigated Negative Declaration

If a project requires a Negative Declaration or Mitigated Negative Declaration, then applicants must work with a qualified public agency, i.e., one that has discretionary authority over project approval or permitting, to complete the CEQA process.

1. Describe how your project complies with the requirements for the use of a Negative Declaration or a Mitigated Negative Declaration per CEQA:

2. Submit the approved Initial Study and Negative Declaration/Mitigated Negative Declaration along with any Mitigation Monitoring or Reporting Plans, permits, surveys, and/or reports that have been completed to support this CEQA status. The IS/ND/MND must be accompanied by a signed, approved Notice of Determination, which must bear a date stamp to show that it has been filed with the State Clearinghouse and/or County Clerk, as required by CEQA.

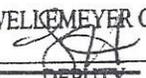
Environmental Impact Report

If a project requires an Environmental Impact Report, then applicants must work with a qualified public agency, i.e., one that has discretionary authority over project approval or permitting, to complete the CEQA process.

1. Describe how your project complies with the requirements for the use of an Environmental Impact Report per CEQA:

2. Submit the Draft and Final Environmental Impact Report along with any Mitigation Monitoring or Reporting Plans, permits, surveys, and/or reports that have been completed to support this CEQA status. The EIR documentation must be accompanied by a signed, approved Notice of Determination, which must bear a date stamp to show that it has been filed with the State Clearinghouse and/or County Clerk, as required by CEQA.

NOTICE OF CEQA EXEMPTION

STEPHANIE WELKEMEYER COUNTY CLERK
BY  DEPUTY

To: Modoc County Clerk
108 East Modoc Street
Alturas, CA 96130
530-233-6205

From: Pit Resource
Conservation District
P.O. Box 301
Bieber, CA 96009

Date: July 17, 2015

Project Title:
Lookout Ranchettes Watershed Restoration

Project Location:
Township 39N, Range 6E, Portions of Sections 1, 12, 13
Township 39N, Range 7E, Portions of Sections 6, 7, 18, 19
Modoc County California

Project Description:
The Pit Resource Conservation District (PRCD), acting as Lead Agency, will use contractors to perform a watershed restoration project within and west of the community known as Lookout Ranchettes on private property in Modoc County, California. The primary activities undertaken will involve the biomass removal of small and suppressed trees and the mastication of brush on approximately 1,000 acres of said private property. Timber operations will be conducted under exemptions issued by the California Department of Forestry & Fire Protection. The completed work will restore the forest and watershed and also serve as a shaded fuel break that will help protect the community of Lookout Ranchettes from wildfires emanating from the west of the community. The Pit Resource Conservation District and Lassen County Fire Safe Council, Inc. will monitor the project. This project is a continuation of the Lookout & Kramer Ranch Watershed Restoration Project that was completed successfully in 2013.

Exempt Status (Guidelines Section and Class): Categorical Exemption:
15304, which exempts minor alterations in the condition of land, water, and/or vegetation which do not involve removal of healthy, mature, scenic trees except for forestry or agricultural purposes.

Reasons Why Project is Exempt: The project's implementation will result in multiple benefits, including restoration of the forest, watershed, and wildlife habitat and it will also help protect the community of Lookout Ranchettes from wildfires. There will be no significant adverse impacts on endangered, rare, or threatened species or their habitats. There are no hazardous materials at or around the project site. The project will avoid all archeological resource sites. The project will not result

in cumulatively significant impacts. The Project will have no significant adverse effect on the environment.

Public Agencies that will be involved with the project:

U.S. Forest Service (through a California Fire Safe Council Grant)

California Department of Forestry and Fire Protection

Calfire

Sierra Nevada Conservancy

Lead Agency Contact Person:

Sharmie Stevenson

Pit Resource Conservation District

(530) 299-3405

Signature: Sharmie Stevenson

Date: 7/20/15

Board of Directors Resolution No. 2015-02

In the matter of: A RESOLUTION APPROVING THE posting of the CEQA Exemption Notice for the Lookout/Upper Pit Watershed Restoration Project.

The following RESOLUTION was duly passed by the Board of Directors of the Pit Resource Conservation District (Pit RCD) at a regular meeting held July 6, 2015, by the following vote:

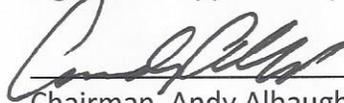
Ayes: 3

Noes: 0

Abstentions: 0

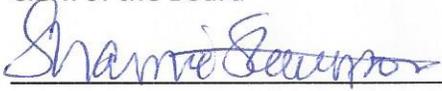
Absent: 1

Signed and approved by:


Chairman, Andy Albaugh

ATTEST:

Clerk of the Board


Sharmie Stevenson

WHEREAS, The Pit Resource Conservation District staff and its Board of Directors have reviewed the environmental documentation, the CEQA Exemption notice and approved the proposed project; and

WHEREAS, the Pit RCD has approved said project as a priority project within the boundaries of the Pit RCD;

BE IT HEREBY RESOLVED by the Board of Directors of the Pit RCD that this Board approves the filing of the CEQA Notice of Exemption for the above listed project and appoints Tom Esgate and/or Sharmie Stevenson as agents to conduct all required business on behalf of the Pit RCD.

PASSED AND ADOPTED by the Pit Resource Conservation District on the 6th day of July, 2015.

**LOOKOUT BIOMASS
RED RIVER FORESTS LLC**

BOE
LMU
Schroeder
F61
WGS
MODOCP

**CHRISTMAS TREE; DEAD, DYING OR DISEASED;
FUELWOOD OR SPLIT PRODUCTS EXEMPTION**

FOR ADMIN. USE ONLY

Ex. # 2-15EX-822-M00
Date of Receipt 8.25.15
Date Expires 8.24.16

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION
NOTICE OF TIMBER OPERATIONS THAT ARE EXEMPT FROM
TIMBER HARVESTING PLAN REQUIREMENTS; RM-73 (1038ab) (12/08)

VALID FOR ONE YEAR FROM DATE OF RECEIPT BY CAL FIRE

The Director of the Department of Forestry and Fire Protection (CAL FIRE) is hereby notified of timber operations under the requirements of 14 CCR § 1038(a) or (b). The following type(s) of timber operation is to be conducted:

- Harvesting Christmas trees.
- Harvesting dead, dying or diseased trees of any size in amounts less than 10 percent of the average volume per acre, where timber operations will meet the conditions listed in 14 CCR § 1038(b).
- Harvesting fuelwood or split products in amounts less than 10 percent of the average volume per acre, where timber operations will meet the conditions listed in 14 CCR § 1038(b).

The timber owner shall complete this form both pages, then sign on page two.

RECEIVED
AUG 25 2015

1. TIMBER OWNER(S) OF RECORD: **RED RIVER FORESTS LLC**
c/o W. M. BEATY & ASSOCIATES, INC.

Address: **PO Box 990898**
Redding CA 96099-0898

Phone: **(530) 243-2783**
REDDING FOREST PRACTICE

TIMBER TAX NOTICE: Timber owners owe timber yield tax when they harvest trees unless the harvest is exempt (Revenue and Taxation Code sec. 38116). Some small or low value harvests may be exempt from the timber yield tax: timber removed from an operation whose value does not exceed \$3,000 within a quarter, according to BOE Harvest Value Schedules, Rule 1024. If you believe your harvest may qualify for this exemption, please complete items A, B, C, and D below. For timber yield tax information or for further assistance with these questions call the State Board of Equalization, 1-800-400-7115 or write: Timber Tax Section, MIC: 60, State Board of Equalization, P.O. Box 942879, Sacramento, California 94279-0060; or contact the BOE Web Page on the Internet at <http://www.boe.ca.gov>.

A. Check the option that most closely estimates the total volume for this harvest, in thousands of board feet (mbf - Net Scribner short log):
Under 8 mbf 8-15 mbf 16-25 mbf Over 25 mbf

None; fuelwood only.

B. Estimate what percentage of timber will be removed during this harvest:

Redwood: _____%; Ponderosa/Sugar pine: **50**%; Douglas-fir: _____%; Fir: **20**%;

Port-Orford Cedar: _____%; Cedar (IC, WRC): **20**%; Other conifer: _____%; Other hardwood: **10**%.

C. Fuelwood over 150 cords? Yes No D. Christmas trees over 3,000 lineal feet? Yes No

2. TIMBERLAND OWNER(S) OF RECORD: **RED RIVER FORESTS LLC**
c/o W. M. BEATY & ASSOCIATES, INC.

Address: **PO Box 990898**
Redding CA 96099-0898

Phone: **(530) 243-2783**

3. LICENSED TIMBER OPERATOR(S): **W.M. BEATY & ASSOCIATES, INC.** Lic. No. **A9248**

Address: **PO Box 990898**
Redding, CA 96099-0898

Phone: **(530) 243-2783**

Page One.

NOTE: This form has two pages. Continue on and complete Page Two. Read the instructions before attempting to complete.

**LOOKOUT BIOMASS
RED RIVER FORESTS LLC**

NOTICE OF EXEMPTION FOR CHRISTMAS TREES; DEAD, DYING OR DISEASED; FUELWOOD. Page Two

4. Designate the legal land description of the location of the timber operation. Attach a 7.5 minute quadrangle or equivalent map showing the location of the timber operation. It would be helpful to show the access road and attach a copy of an assessor's parcel map for areas of less than 40 acres.

<u>Sections</u>	<u>Township</u>	<u>Range</u>	<u>Base & Meridian</u>	<u>County</u>	<u>Logging Area Acreage (Estimated)</u>	<u>(Optional) Assessors Parcel #</u>
35, 36	40N	06E	MDM	Modoc		
1, 2, 11, 12, & 13, 14, 23	39N	06E	MDM	Modoc	2,490 acres	

The following are limitations or requirements for timber operations conducted under a Notice of Exemption for Christmas Trees, Dead, Dying or Diseased, or Fuelwood (Notice, Notice of Exemption):

1. This notice must be submitted to and received by CAL FIRE at one of the offices listed below prior to the commencement of timber operations.
2. 14 CCR § 1038(b) places certain limits on the harvesting of Christmas trees, dead, dying and diseased trees, and fuelwood or split products. These limits need to be examined to assure compliance.
3. Timber operations conducted under this notice shall comply with all operational provisions of the Forest Practice Act and District Forest Practice Rules applicable to "Timber Harvest Plan," "THP," and "plan." The requirements to submit a completion and stocking report normally do not apply. The requirements for environmental review under the California Environmental Quality Act (See 14 CCR § 15300.1) also do not apply.
4. There are special requirements for timber operations conducted in Coastal Commission Special Treatment Areas, the Tahoe Regional Planning Agency area, and in counties with special rules adopted by the Board of Forestry and Fire Protection. These rules should be reviewed prior to submitting this notice to CAL FIRE.
5. This Notice of Exemption is valid for one year from the date of receipt by CAL FIRE.
6. A timber operator with a valid state license must be designated upon submission of this notice.

The following suggestions may help ensure your compliance with the Forest Practice Rules:

1. Timber owners, timberland owners and timber operators should obtain and review copies of the Forest Practice Rules pertaining to the Notice of Exemption. Copies may be obtained from BARCLAYS LAW PUBLISHERS, P.O. BOX 3066, SO. SAN FRANCISCO, CA. 94080. or from CAL FIRE, Forest Practice Section, P.O. BOX 944246, Sacramento, CA 94244-2460; or from CAL FIRE's Web Page on the Internet at <http://www.fire.ca.gov>.
2. Contact the nearest CAL FIRE office listed below for questions regarding the use of this notice.

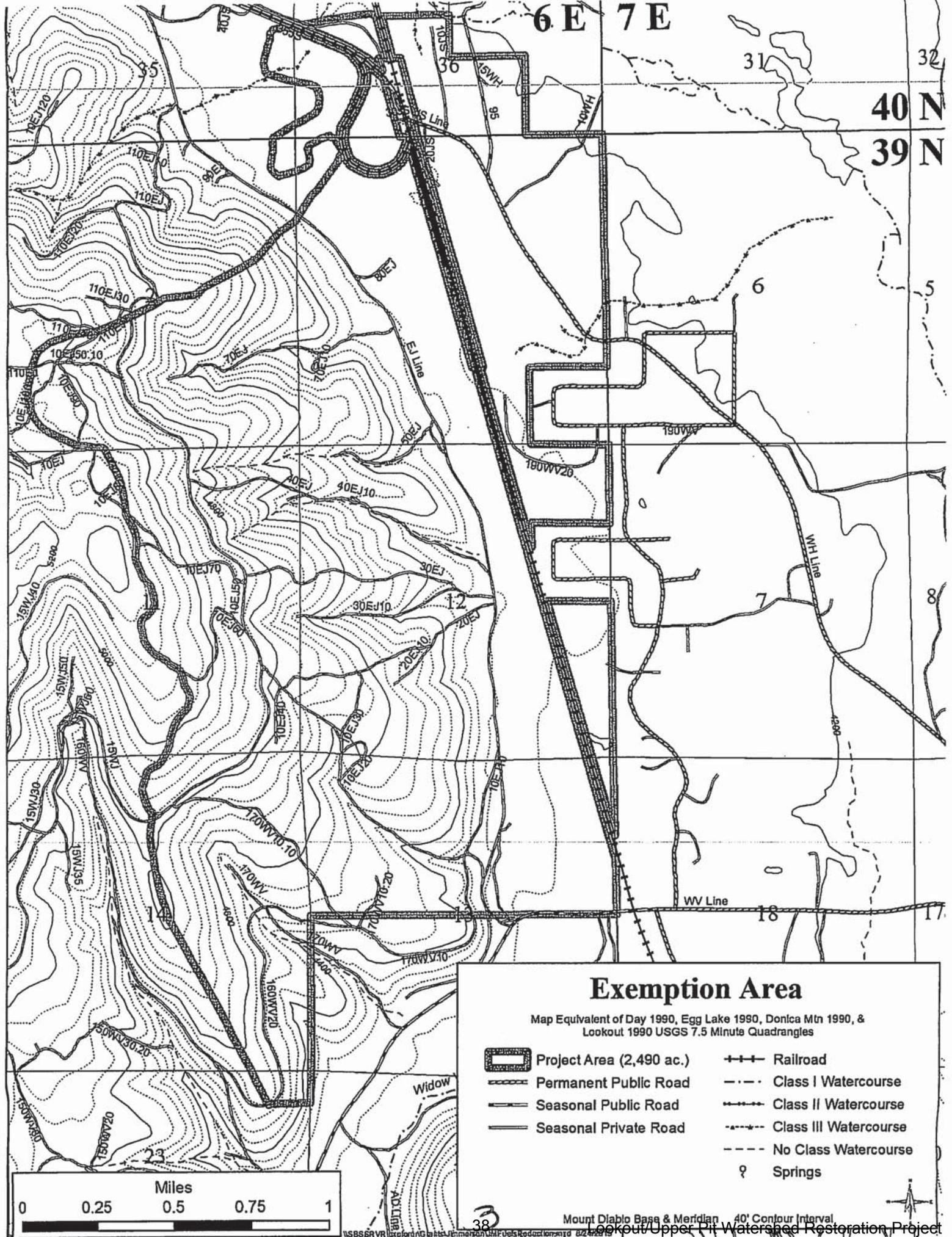
FILE THIS NOTICE WITH THE CAL FIRE OFFICE BELOW FOR THE COUNTY IN WHICH THE OPERATION WILL OCCUR:

Alameda, Colusa, Contra Costa, Del Norte Humboldt, Lake, Marin, Mendocino, Napa, San Mateo; Santa Clara; Santa Cruz, Solano; Sonoma, western Trinity and Yolo Counties	=>	Forest Practice Program Manager CAL FIRE 135 Ridgway Avenue Santa Rosa, CA 95401
Butte, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sutter, Tehama, eastern Trinity and Yuba Counties.	=>	Forest Practice Program Manager CAL FIRE 6105 Airport Road Redding, CA 96002
Alpine, Amador, Calaveras, El Dorado, Fresno, Imperial, Inyo, Kern, Los Angeles, Madera, Mariposa, Merced, Mono, Monterey, Orange, Riverside, San Benito, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Stanislaus, Tuolumne, Tulare, and Ventura Counties.	=>	Forest Practice Program Manager CAL FIRE 1234 East Shaw Avenue Fresno, CA 93710

SIGNATURE OF THE TIMBER OWNER OR AGENT THEREOF:  Date: **8/24/15**

Printed Name: **Jeffrey J. Oldson**
c/o W. M. BEATY & ASSOCIATES, INC.
Address: **PO Box 990898**
Redding CA 96099-0898

Title: **Reforestation Forester**
Phone: **(530) 336-6986**



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31 32
40 N
39 N

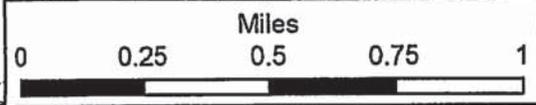
6 5
7 8

18 17

Exemption Area

Map Equivalent of Day 1990, Egg Lake 1990, Donica Mtn 1990, & Lookout 1990 USGS 7.5 Minute Quadrangles

- | | |
|--------------------------|-----------------------|
| Project Area (2,490 ac.) | Railroad |
| Permanent Public Road | Class I Watercourse |
| Seasonal Public Road | Class II Watercourse |
| Seasonal Private Road | Class III Watercourse |
| | No Class Watercourse |
| | Springs |



Lookout/Upper Pit River Watershed Restoration Project

CEQA Compliance

CEQA for this project is being met through a Notice of Exemption issued by the Pit Resource Conservation District (Lead Agency):

Exempt Status (Guidelines Section and Class): Categorical Exemption:

15304, which exempts minor alterations in the condition of land, water, and/or vegetation which do not involve removal of healthy, mature, scenic trees except for forestry or agricultural purposes.

Reasons Why Project is Exempt:

The project's implementation will result in multiple benefits, including restoration of the forest, watershed, and wildlife habitat and it will also help protect the community of Lookout Ranchettes from wildfires. There will be no significant adverse impacts on endangered, rare, or threatened species or their habitats. There are no hazardous materials at or around the project site. The project will avoid all archeological resource sites. The project will not result in cumulatively significant impacts. The Project will have no significant adverse effect on the environment.

A copy of the Modoc County filed Pit Resource Conservation District Notice of Exemption is included with this document.

All of the SNC project area is managed by W.M. Beaty & Associates, Inc. and a California Department of Forestry & Fire Protection Exemption, 14 CCR 1038(b), has been issued. 1038(b) is an exemption for the harvesting of dead, dying or diseased trees of any size, and fuelwood or split products in amounts less than 10% of the average volume per acre when certain conditions are met. The proposed project will include biomass thinning of suppressed and overstocked understory trees, with a total harvest of less than 10% of the average volume. A copy of the filed California Department of Forestry & Fire Protection Exemption is included with this document and under CEQA provisions the project is authorized to proceed.

All of the proposed project activities meet the specific requirements of 1038 and are listed below:

1038 Exemption

Persons who conduct the following types of timber operations are exempt from the plan preparation and submission requirements (PRC § 4581) and from the completion report and stocking report requirements (PRC §§ 4585 and 4587) of the Act with the following exceptions and requirements:

(i) no tree that existed before 1800 A.D and is greater than sixty (60) inches in diameter at stump height for Sierra or Coastal Redwoods, and forty-eight (48) inches in diameter at stump height for all other tree species shall be harvested unless done so under the conditions or criteria set forth in subsection 1038(h).

(ii) all timber operations conducted in the Lake Tahoe Region pursuant to 14 CCR § 1038 must have a valid Tahoe Basin Tree Removal Permit (as defined by the Tahoe Regional Planning Agency) or shall be conducted under a valid TRPA Memorandum of Understanding (MOU), when such a permit is required by TRPA.

(b) Harvesting dead, dying or diseased trees of any size, fuelwood or split products in amounts less than 10% of the average volume per acre when the following conditions are met:

(1) No tractor or heavy equipment operations on slopes greater than 50%.

(2) No construction of new tractor roads on slopes greater than 40%.

(3) Timber operations within any Special Treatment Area, as defined in 14 CCR 895.1, shall comply with the rules associated with that Special Treatment Area.

(4) No tractor or heavy equipment operations on known slides or unstable areas.

(5) No new road construction or reconstruction, as defined in 14 CCR 895.1.

(6) No heavy equipment operations within the standard width of a watercourse or lake protection zone, as defined in 14 CCR 916.4 [936.4, 956.4](b), except for maintenance of roads and drainage facilities or structures.

(7) No known sites of rare, threatened or endangered plants or animals will be disturbed, threatened or damaged.

(8) No timber operations within the buffer zone of a sensitive species, as defined in 14 CCR 895.1.

(9) No timber harvesting within the standard width of a watercourse or lake protection zone, as defined in 14 CCR 916.4 [936.4, 956.4](b), except sanitation-salvage harvesting, as defined in 14 CCR 913.3 [933.3,953.3], where immediately after completion of operations, the area shall meet the stocking standards of 14 CCR 912.7 [932.7,952.7](b)(2), or, except the removal of dead or dying trees where consistent with 14 CCR 916.4 [936.4,956.4] (b). Trees to be harvested shall be marked by, or under the supervision of, an RPF prior to timber operations.

(10) No timber operations on any site that satisfies the criteria listed in 895.1 for a significant archaeological or historical site. Information on some of these sites may be available from the Information Centers of the California Historical Resources Information System within the Department of Parks and Recreation.

The filed California Department of Forestry & Fire Protection Exemption covers not only the applied for SNC project area, but also areas to be treated with a recently awarded Pit RCD California Fire Safe Council Grant, as well as an applied for US Forest Service/Western WUI grant.

Rare, Threatened, and Endangered Plant Considerations

The W.M. Beaty & Associates, Inc. resource specialists performed field surveys and data assessments within the project area for potential sensitive plants and identified one plant as requiring surveys in potential habitat prior to operations. This assessment included a search of the California Natural Diversity Databased for all quads within three miles of the project area (based on the protocol identified in Red River Forests approved Sustained Yield Plan), a search of the company GIS database, and consideration of past experiences in the area. The CNDDDB query is included as an attachment at the end of this report; species within three miles of the project area are highlighted in yellow, and species within the project area are highlighted in yellow and circled in pink. This assessment identified long haired star tulip (rare plant rank 1B.2) as a sensitive plant species which could potentially be affected by operations.

Should the project receive funding, no operations will occur near meadow margins (where the species may occur) unless additional pre-operational botanical surveys are first undertaken in these areas. Should meadow margins require treatment under the proposed project, botanical surveys for this species will be performed by W.M. Beaty & Associates, Inc. staff in June or July of 2016. Any plants which are discovered will be flagged and avoided such that direct impacts to individual plants do not occur and immediately surrounding habitat conditions do not change. The SYP's description of the plant and its protection measures is included below:

FW.II.D.15 Calochortus longebarbatus var. longebarbatus - Long-haired star-tulip CNPS List 1B.2

Adin/Canby, Jimmerson, Pondosa, and Terry Tracts

This bulbiferous herb occurs in vernal pools, meadows, seeps, Great Basin scrub and near openings and drainages in lower montane coniferous forests at elevation ranges of 3,200 to 6,200 feet. The blooming period for this species is June to August.

FW.II.D.15.a Threats

The CNPS electronic inventory lists threats to this species as logging and vehicles.

FW.II.D.15.b Mitigations

Standard mitigations that protect wet areas are usually sufficient to ensure against adverse impacts to this plant. Nonetheless, if timber operations will occur near meadow margins surveys for this species are appropriate. Surveys for this species would be limited to areas along meadow edges in areas where significant ground disturbance may occur (i.e. skid trail, landings, and new roads). A photographic reference and habitat description has been provided to field personnel working within the range of this species.

Care will be taken to identify areas where this plant is growing via inspection of suitable areas and comparisons to other known populations or a photographic reference of this species. If individual plants are discovered, they will be flagged and avoided in such a way that direct impacts to individual plants do not occur and immediately surrounding habitat conditions do not change (i.e. no significant changes to hydrology, shade canopy, or soil conditions). Operations that maintain meadow conditions and limit encroachment by conifers may be beneficial. Additionally, no slash piling or pile burning in the immediate vicinity of known locations of this species will occur.

Threatened and Endangered Wildlife Species Considerations

The W.M. Beaty & Associates, Inc. wildlife department performed a thorough assessment of potential sensitive wildlife species in the area, and identified two animal species which warranted special consideration. This assessment included a search of the California Natural Diversity Databased for all quads within three miles of the project area (based on the protocol identified in Red River Forests approved Sustained Yield Plan), a search of the company GIS database, and consideration of past experiences in the area. The CNDDDB query is included as an attachment at the end of this report; species within three miles of the project area are highlighted in yellow, and species within the project area are highlighted in yellow and circled in pink. This assessment identified the northern goshawk (state Species of Special Concern) as a species which nested in the project area previously. Sandhill Cranes (state Threatened) were also identified by the company biologist as having the potential to occur within approximately ¼ mile of the NE edge of the project area (although no known suitable habitat for the species occurs within the project area). Despite repeated site visits to the project area by WBA staff, no evidence of the species has been observed. Field personnel will remain vigilant to evidence of the species within or adjacent to the project area. Northern goshawk had a nest within the project area in 1995, however, there is no current evidence of a nest, and a 2007 survey states that the previous nest is completely gone. Field personnel will remain vigilant for the species at all times. The SYP description and protection measures for these species are listed below:

FW.II.A.5 Greater Sandhill Crane (Grus canadensis tabida)

State threatened

Greater sandhill cranes are large, gray birds with long necks, long legs, and long, stout bills. Heights may reach nearly 4 feet (1.2 m) and wing spans may reach 6.5 feet (2 m). Adult sandhill cranes have light gray (sometimes rust colored) plumage, a bald red crown, and a "bustle" at the rear of the body. The sexes are similar. Juveniles are more brownish and lack the red crowns. Sandhill cranes can be distinguished from great blue herons by the crane's overall gray coloration, its extended neck in flight, and the manner in which it moves its wings with slow down strokes but quick upstrokes. Their loud calls are often heard as large flocks of cranes, migrating northward to their breeding grounds, pass high overhead. The calls also form part of their courtship dance on the roosting and nesting grounds. They have been described as a rolling, guttural, rattle, "krooo-oo" or "garooo-a-a-a", which is repeated, and can be heard for well over one mile (0.62 kilometers).

The Central Valley population numbers approximately 6,000-7,000 birds, with 200-250 pairs nesting in northeastern California including Lassen, Modoc, Plumas, and Siskiyou counties (Littlefield 1989). Most pairs breeding in California do so in Modoc County. The remainder of the Central Valley population breeds in Oregon, Washington, and into British Columbia west of the Cascades, (Tacha et al. 1994). This population winters in the Central Valley of California.

Greater sandhill cranes inhabit wet prairies, treeless marshes, grain fields, and other open, wet areas (Zeiner et al. 1990). Crane pairs are frequently found in mowed or winter grazed meadows in the early spring (Littlefield 1989). In California, greater sandhill cranes typically arrive on their territories in February or early March. Pairs are generally established by March 25, and nesting usually commences by April 15. Both sexes incubate. Nest success averages about 50% (Tacha et al. 1992). Most pairs are finished incubating by June 15 (Littlefield 1989) although some pairs may still be nesting in August (Zeiner et al. 1990).

Sandhill cranes raise one brood a year but will re-nest if the first clutch is lost. Clutch size ranges from 1 to 3 with the average of 48 nests examined in California being 1.91 (Littlefield 1989). Incubation lasts about 30 days and the young, termed colts, have usually fledged by 70 days of age. Typically, only one colt survives to fledging.

Greater sandhill cranes build nests of grasses, bulrushes, and other pliable vegetation on mounds in, or near standing water (Drewien 1973). Standing water should persist through the summer. Of the 56 nests measured in 1988, mean water depth for nest locations was 10.3 cm (Littlefield 1989). Average vegetation height surrounding these nests was 29.6 cm. Cranes did not attempt to conceal their nests in many cases. Of nests measured, 80.4% were poorly concealed, 17.9% had fair concealment, and 1.8% were well concealed. Drought conditions and early desiccation of the ground can prevent nest initiation and severely limit reproductive effort for the year (Littlefield 1989). Cranes often use existing mounds or hummocks for nesting but will also build their own. Nests located in shallow standing water provide better protection from terrestrial predators (coyotes, skunks, raccoons, etc.) than nests located on dry ground and may provide an area of unrestricted view so that incubating adults can watch for predators.

Roosting (and possibly nesting) cranes may use areas where screening disrupts direct view of human activity, suggesting that disturbance may play an important role in roost and nest site selection (Folk and Tacha 1990, Lovvorn and Kirkpatrick 1981). Although areas that are wet early in the year but dry out prior to the middle of July may be used by cranes, they are typically poor nesting sites. Sandhill cranes nesting in areas that dry out too early may get "stranded" with young that are too young to fly to more suitable, wetter areas. Areas that have vegetation that is too high do not provide the unrestricted view that cranes depend on for predator detection and avoidance. Roosting habitat in semi-permanent wetlands is influenced by variables such as distance from shore, water depth, and wetland width (Folk and Tacha 1990). Sandhill cranes in Nebraska preferred to roost in water 5.0-24.4 cm deep, used wetlands >23 m wide 90% of the time, and roosted >9 m from the closest shore 73% of the time (Folk and Tacha 1990).

Sandhill cranes are omnivorous and eat a variety of small animals (vertebrates and invertebrates) and plants. Foraging usually occurs on dry ground and often in agricultural fields or on rangeland near water (Hunt and Slack 1989, Dolbeer 1994).

FW.II.A.5.a Threats

Greater sandhill cranes are long-lived birds and have reached 75 years of age in captivity (M. Nagendran, pers. comm.). Most sandhill cranes do not reproduce until they are 5 to 8 years old. Thus, coupled with low nest success and colt survival, this species has a very low biotic potential. Some sandhill cranes are very sensitive to disturbance and may abandon nests if encroached upon within 0.5 miles. Other pairs seem to tolerate activity near the nest fairly well and nests have been found near highways and other major roads.

Terrestrial predators such as skunks, coyotes, mink, and others can take significant portions of eggs and colts. Once cranes have fledged predation is relatively rare. Adult annual mortality probably averages around 5% and is frequently caused by disease and collisions with powerlines, especially on the wintering grounds (Tacha et al. 1994).

The primary threat to greater sandhill cranes from operations on Red River Forests is disturbance to nesting birds.

FW.II.A.5.b Mitigations

W.M. Beaty & Associates, Inc. has developed specific measures that are taken to ensure that breeding greater sandhill cranes are not adversely impacted by timber operations. As part of timber sale preparation, areas of crane habitat are surveyed and nest sites are identified and monitored to make certain that breeding sandhill cranes are not disturbed.

Following the methods of Littlefield (1989) the surveyor uses binoculars or a spotting scope to search for cranes along designated transects. Transects or observation stations surrounding crane habitat are established based on the configuration of the habitat present; generally the circumference of the flats or the edge in closest proximity to WBA ground or haul road. Because sandhill cranes are gregarious outside the breeding season but territorial once nesting has been initiated, groups of >2 individuals are probably not nesting or defending territories. Conversely, single adult birds often indicate the presence of an incubating mate, and efforts should be made to locate a nesting territory within the general vicinity (M. Nagendran, pers. comm.). Areas identified as crane habitat are visited repeatedly through the survey season. If cranes are observed on multiple occasions in a given area then particular attention is focused there to ensure against missing a nesting pair.

If nesting sandhill cranes are discovered, and operations could cause adverse impacts, site specific mitigations are employed. Examples of mitigations include delaying operations until colts have fledged, or using alternate haul routes and access roads. Specific protection measures for greater sandhill cranes will be developed in consultation with DFG during the review and implementation of individual THPs.

FW.II.A.7 Northern Goshawk (Accipiter gentilis)

Board of Forestry and Fire Protection "sensitive species"

Northern goshawks are large, fast-flying, powerful forest hawks that occur mainly in open to dense mature coniferous forests. Resident populations occur in the mountainous regions of northern and central California. They are as large and powerful as buteos but have the speed and maneuverability characteristic of the accipiters (Cooper's and sharp-shinned hawks). All accipiters have short rounded wings that taper towards the tip and a long tail that is held closed unless soaring. Adult goshawks are dark gray above with a light gray chest and belly streaked with black and darker grays. Fluffy white under tail coverts are an easily recognized feature of this species. They have a prominent dark patch extending from the nape to the eye and a distinctive pale eyeline. Adults have orange to red eyes. The tail is strongly barred and the wings lightly barred. The legs and feet are yellow.

Immature goshawks are brown above with heavy vertical streaking of brown and white on the belly and paler on the breast. In flight, northern goshawks have heavy, deep wingbeats when flying level and often use a pattern of several wingbeats followed by a short glide. Northern goshawks can be confused with Cooper's Hawks. Generally Cooper's hawks are considerably smaller and have a rusty or chestnut colored breast. Although adult goshawks look distinctly different from adult Cooper's hawks, immature plumage patterns are similar and juveniles are difficult to tell apart. During immature plumage, goshawks also resemble buteos like the red-tailed, or red-shouldered hawks.

Northern goshawks tend to remain close to forest cover where they are sometimes seen flying through open forest, across clearings, or soaring along mountain slopes. Often these flights offer the observer only a brief glimpse of a large bird flying rapidly through the forest canopy with exceptional maneuverability. Like all accipiters, goshawks are "sit and wait" predators that perch in a concealed place, then dash out quickly to capture prey. They tend

to hunt prey on the ground or in the lower canopy. Prey, such as rabbits or squirrels, is frequently taken from the ground, but medium to small birds are also pursued and captured in the air. These hunting strategies require a fairly open understory so that goshawks can see and fly through the forest stand. Golden-mantled ground squirrels (*Spermophilus lateralis*) and Douglas squirrels (*Tamiasciurus douglasii*) are preferred mammalian prey, while Steller's jays (*Cyanocitta stelleri*) and northern flickers (*Colaptes auritus*) are the birds most often eaten (USFS 1995). Prey is often carried to a traditional plucking perch, where it is plucked and torn apart. Plucking posts are often within 160 feet of the nest during the breeding season. Plucking posts can usually be identified because feathers, fur, blood, and whitewash are scattered about the site.

Goshawks in northern California usually nest in mixed or pure coniferous forests, but may also use deciduous forests. Territories may contain multiple nests (up to 5) and a different site may be used from year to year. The selected nest is usually rebuilt early in the season and nests with newly added materials (i.e. green fir sprigs) should be monitored for occupancy. Nests are large, bulky platforms of sticks usually placed in a main crotch, or near the bole of a tree. Nest trees can vary considerably in size. Nests are placed beneath the upper canopy of the forest but may be difficult to see in dense conifers. Nests generally have fairly open approaches needed by these large birds. Active nests can usually be identified by whitewash and scattered prey remains on the forest floor beneath the nest. Nest stands for goshawks tend to be older and more open than for the other accipiters.

Once a territory is established and sufficient energy has been devoted to nesting, goshawks aggressively defend their nest site from predators and will strike large mammals, and even humans, who venture too close. During these defensive displays goshawks utter a series of loud "kek kek kek" alarm calls and swoop at intruders.

Male goshawks show strong attachment to traditional nesting territories and pairs may remain together for many years. Females lay clutches of two to five eggs, but three to four eggs are most common with one egg laid every second or third day. As with many raptors, because of the asynchronous laying, chick size and development varies among nestlings. Older nestlings may kill siblings by pushing them from the nest, out competing them for food, or by direct attack.

Breeding season in northeastern California (including post fledging dependency) is from approximately May through late August. Incubation begins once the first egg is laid and lasts between 32 and 42 days. Female goshawks perform virtually all incubation while the male brings food to the nest. Males take short turns at incubating while the female leaves the nest to consume food brought by the male. Replacement clutches are laid if the first clutch is lost two to four weeks after the loss. Young remain in the nest for about five weeks. Young are brooded constantly by the female for the first three weeks. After three weeks the female begins to leave the nest regularly to hunt for food for the young. Nestlings tend to walk out onto branches around the nest a few days before taking first flight. Most young goshawks are fully fledged by 40-45 days from hatching. After fledging, young return to the nest for one to two (and sometimes more) weeks to receive food. Juvenile goshawks can frequently be heard begging for food in the nest stand. Parents care for young for up to five to six weeks after they first leave the nest, at which time the young tend to disperse.

FW.II.A.7.a Threats

During the breeding season northern goshawks are vulnerable to accidental disturbance from forestry operations, as well as deliberate human interference at nest sites. Once disturbed, goshawks may abandon reproductive efforts for the season. Goshawks may not display the characteristic defensive behavior if nesting is disrupted early in the season;

rather birds may leave the territory silently and not return. For this reason it is important to monitor known territories unobtrusively early in the nesting season and take precautions against excessive activity (prior to June 1) around suspected territories if goshawks are observed in forest stands.

The estimated life span for goshawks in the wild is about 20 years. Mortality rates are quite high in the first year, about 80 percent from all causes, then declining to about 40 percent annually thereafter. Starvation and illegal shooting is the leading cause of mortality. Some adults and young are killed at the nest by great horned owls.

Timber operations on Red River Forests could pose threats to goshawks if nest sites are disturbed or damaged during harvest.

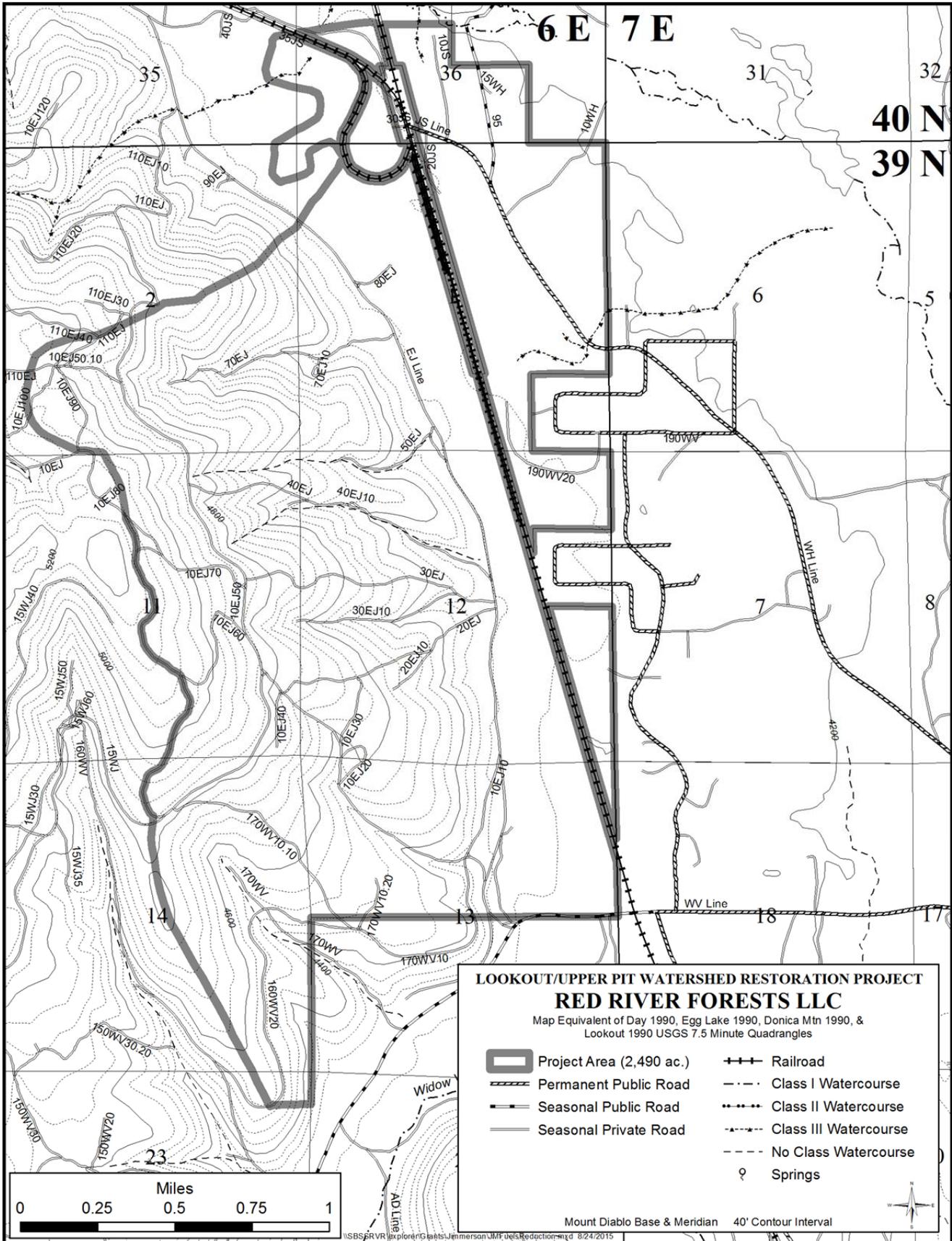
FW.II.A.7.b Mitigations

Because northern goshawks are sensitive to disturbance an active survey effort is undertaken by WBA to locate nests in areas where goshawks have previously been observed. Known territories are monitored by WBA annually to determine site occupancy. Active nests are monitored for fledging success. Generally, all field personnel are trained to recognize goshawks and indications of goshawk presence (i.e. plucking posts, nest structures, etc.). When an active goshawk nest is discovered during field activities, DFG and/or CAL FIRE are notified and proper mitigations are employed for specific situations. Generally, a buffer zone and critical period limitations are established so as not to disrupt breeding and habitat elements to be retained are designated. If known nests occur within the assessment area, land managers responsible for the land on which the nest is located are contacted prior to operations to try to determine the status of nests within 3 miles of Red River Forests.

Specific protection measures for northern goshawks are provided in 14 CCR §895.1, and §939.3 (b)(4), (c)(4), (d)(4), and (e)(2). These protection measures are applied by WBA in cooperation with DFG and CAL FIRE. Typically, a series of concentric buffer zones are established around active goshawks nests such that stand structure is maintained immediately adjacent to the nest, and disturbance during sensitive periods is avoided.

Cultural Resource Considerations

A Registered Professional Forester with a current “Archaeological Training for Resource Professionals” certificate assessed the area for cultural resources. This assessment included a search of the September 2014 ownership wide records check (which includes the project area), a search of previous surveys in the area, a consideration of previous experience in the area, and a discussion with other company staff regarding existing and potential sites in the area. Based on this assessment, the RPF determined that no additional archaeological surveying of the project area is necessary, as all areas likely to contain cultural resources have been sufficiently surveyed in the past (a map of is included as an attachment to this report). Within the project area, multiple historic railroad grades exist, however, field observation and past experience in the area shows that they have been converted to modern roads and no intact segments exist (this map is confidential, and has not been included with this report). Never-the-less, field personnel will remain vigilant for any unmapped railroad grades, or other previously unknown cultural resource sites during all aspects of the project.



Lookout Ranchette's



Selected Elements by Common Name California Department of Fish and Wildlife California Natural Diversity Database



Query Criteria: Quad is (Day (4112123) or Donica Mtn. (4112132) or Egg Lake (4112133) or Lookout (4112122))

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Aleppo avens <i>Geum aleppicum</i>	PDROS0S010	None	None	G5	S2	2B.2
bald eagle <i>Haliaeetus leucocephalus</i>	ABNKC10010	Delisted	Endangered	G5	S2	FP
Boggs Lake hedge-hyssop <i>Gratiola heterosepala</i>	PDSCR0R060	None	Endangered	G2	S2	1B.2
cream-flowered bladderwort <i>Utricularia ochroleuca</i>	PDLNT020E0	None	None	G4?	S1	2B.2
Egg Lake monkeyflower <i>Mimulus pygmaeus</i>	PDSCR1B2C0	None	None	G4	S3	4.2
flat-leaved bladderwort <i>Utricularia intermedia</i>	PDLNT020A0	None	None	G5	S3	2B.2
Great Basin downingia <i>Downingia laeta</i>	PDCAM06080	None	None	G5	S3	2B.2
great blue heron <i>Ardea herodias</i>	ABNGA04010	None	None	G5	S4	
greater sandhill crane <i>Grus canadensis tabida</i>	ABNMK01014	None	Threatened	G5T4	S2	FP
Greene's tuctoria <i>Tuctoria greenei</i>	PMPOA6N010	Endangered	Rare	G1	S1	1B.1
hairy marsh hedge-nettle <i>Stachys pilosa</i>	PDLAM1X1A0	None	None	G5	S2	2B.3
hardhead <i>Mylopharodon conocephalus</i>	AFCJB25010	None	None	G3	S3	SSC
long-haired star-tulip <i>Calochortus longebarbatus</i> var. <i>longebarbatus</i>	PMLIL0D0R1	None	None	G4T3	S3	1B.2
Modoc County knotweed <i>Polygonum polygaloides</i> ssp. <i>esotericum</i>	PDPGN0L1Y2	None	None	G4G5T3	S3	1B.1
Northern Basalt Flow Vernal Pool <i>Northern Basalt Flow Vernal Pool</i>	CTT44131CA	None	None	G3	S2.2	
northern goshawk <i>Accipiter gentilis</i>	ABNKC12060	None	None	G5	S3	SSC
osprey <i>Pandion haliaetus</i>	ABNKC01010	None	None	G5	S4	WL
profuse-flowered pogogyne <i>Pogogyne floribunda</i>	PDLAM1K070	None	None	G3G4	S3	4.2
Santa Lucia dwarf rush <i>Juncus luciensis</i>	PMJUN013J0	None	None	G3	S3	1B.2
sheldon's sedge <i>Carex sheldonii</i>	PMCYP03CE0	None	None	G4	S2	2B.2

2014/04/09 tussocks



Selected Elements by Common Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
slender Orcutt grass <i>Orcuttia tenuis</i>	PMPOA4G050	Threatened	Endangered	G2	S2	1B.1
Tracy's eriastrum <i>Eriastrum tracyi</i>	PDPLM030C0	None	Rare	G3Q	S3	3.2
western pond turtle <i>Emys marmorata</i>	ARAAD02030	None	None	G3G4	S3	SSC

Record Count: 23

WBA - Database

- Coopers Hawk
- Goshawk
- Great Horned Owl
- Redtail Hawk
- Osprey
- Sandhill crane
- Sharp Shinned Hawk

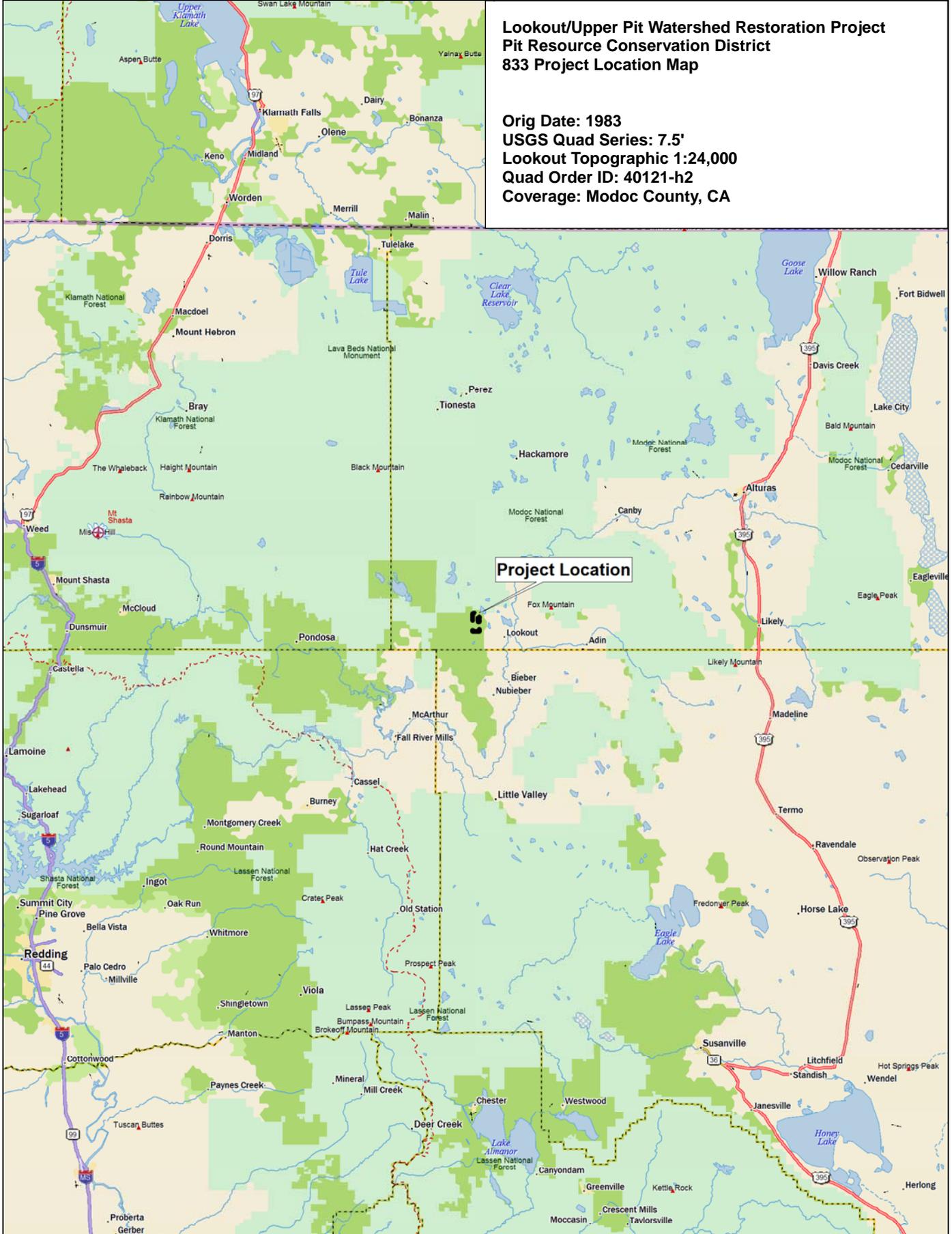
8.a.ii. NEPA

NA Project is not Subject to NEPA

b. Maps and Photos

Lookout/Upper Pit Watershed Restoration Project
Pit Resource Conservation District
833 Project Location Map

Orig Date: 1983
USGS Quad Series: 7.5'
Lookout Topographic 1:24,000
Quad Order ID: 40121-h2
Coverage: Modoc County, CA



Project Location

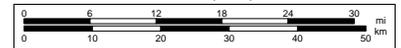
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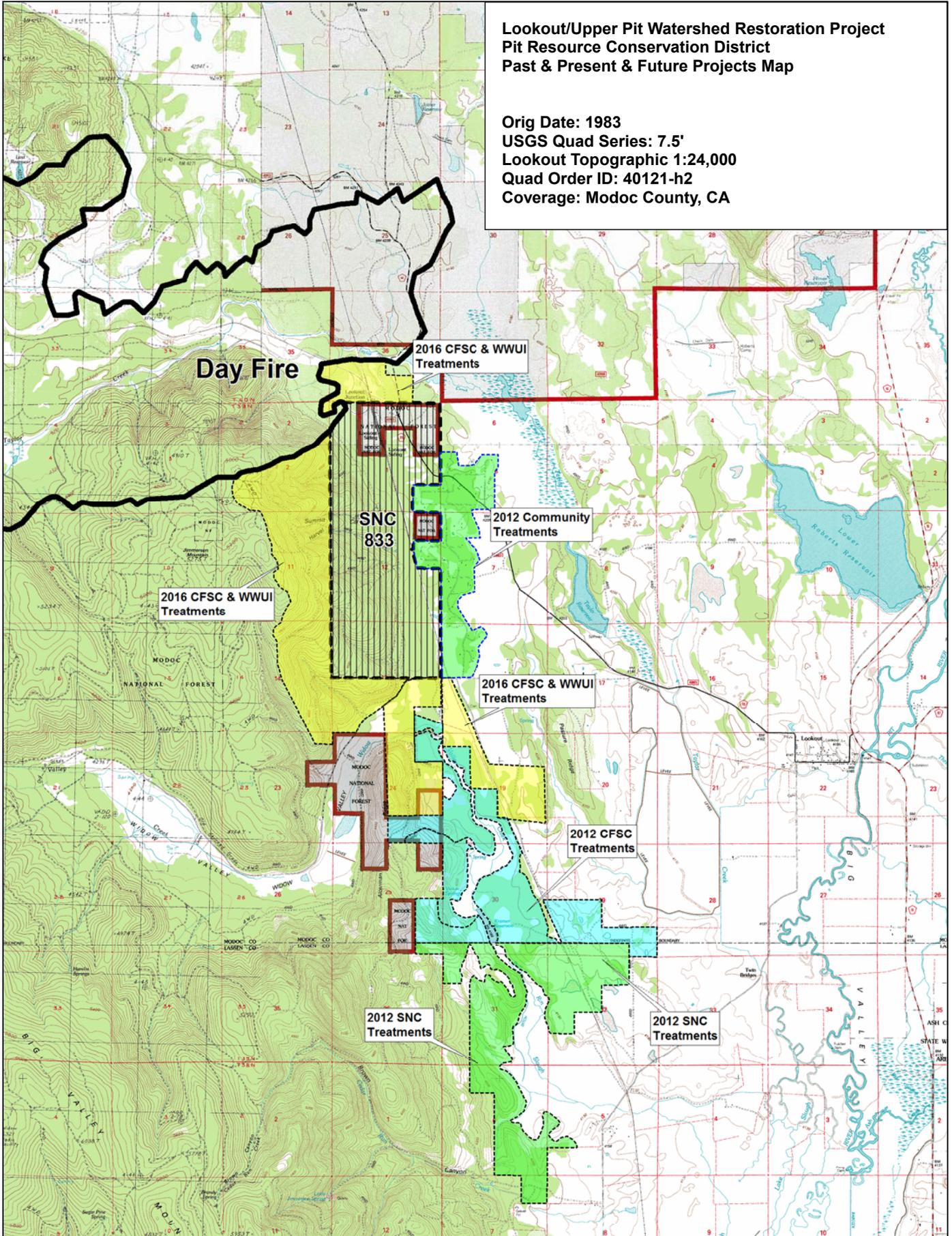


Scale 1 : 1,100,000



Lookout/Upper Pit Watershed Restoration Project
Pit Resource Conservation District
Past & Present & Future Projects Map

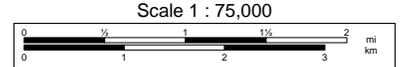
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USGS Quad Series: 7.5'
Lookout Topographic 1:24,000
Quad Order ID: 40121-h2
Coverage: Modoc County, CA



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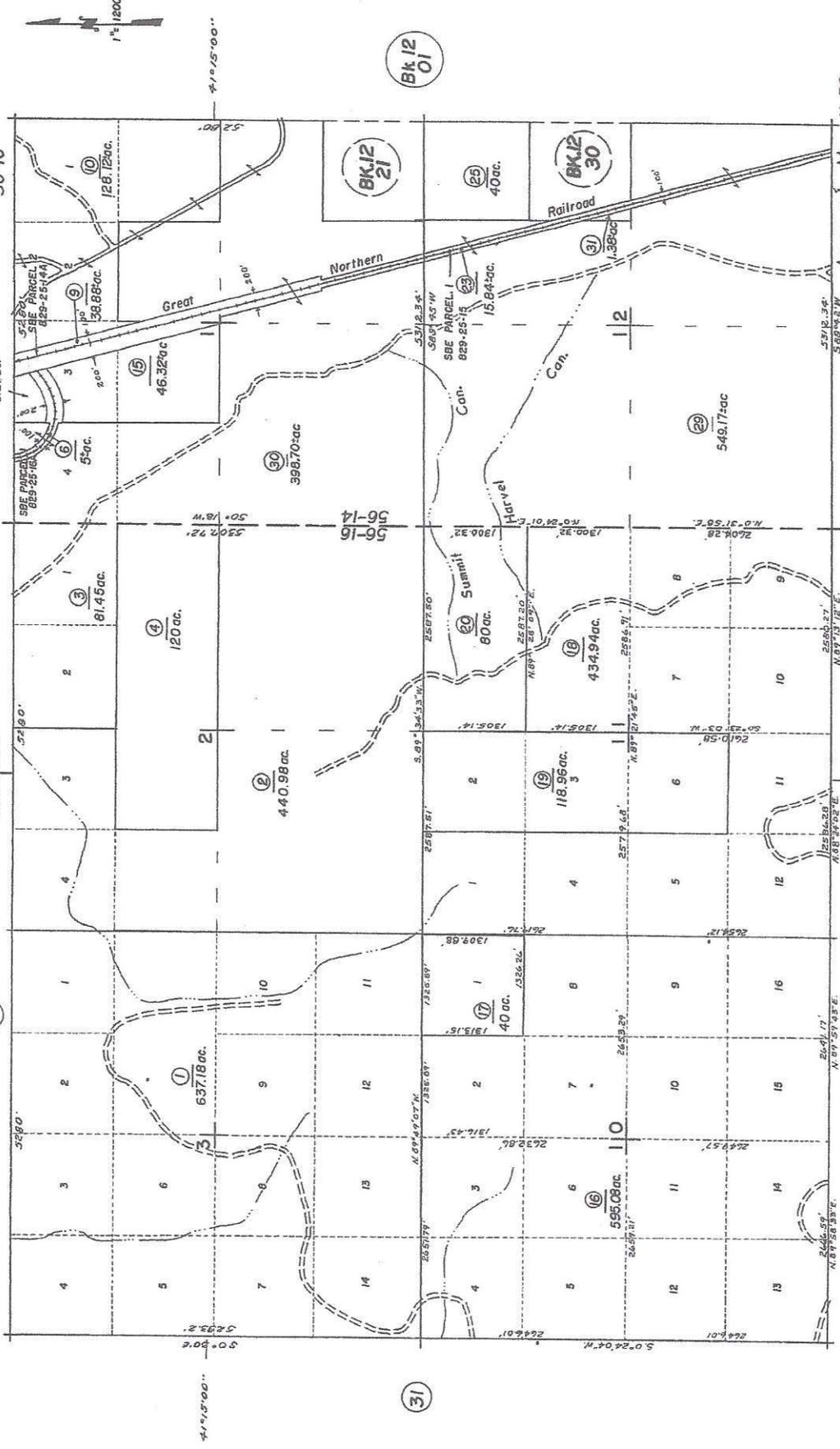


11-32

Tax Area Code 56-14
56-16

T.39N. R.6E. M.D.B. & M.

(12)



Assessor's Map 11-32

County of Modoc, Calif.
1951
1967

NOTE - ASSESSOR'S BLOCK
& LOT NUMBERS
SHOWN IN CIRCLES

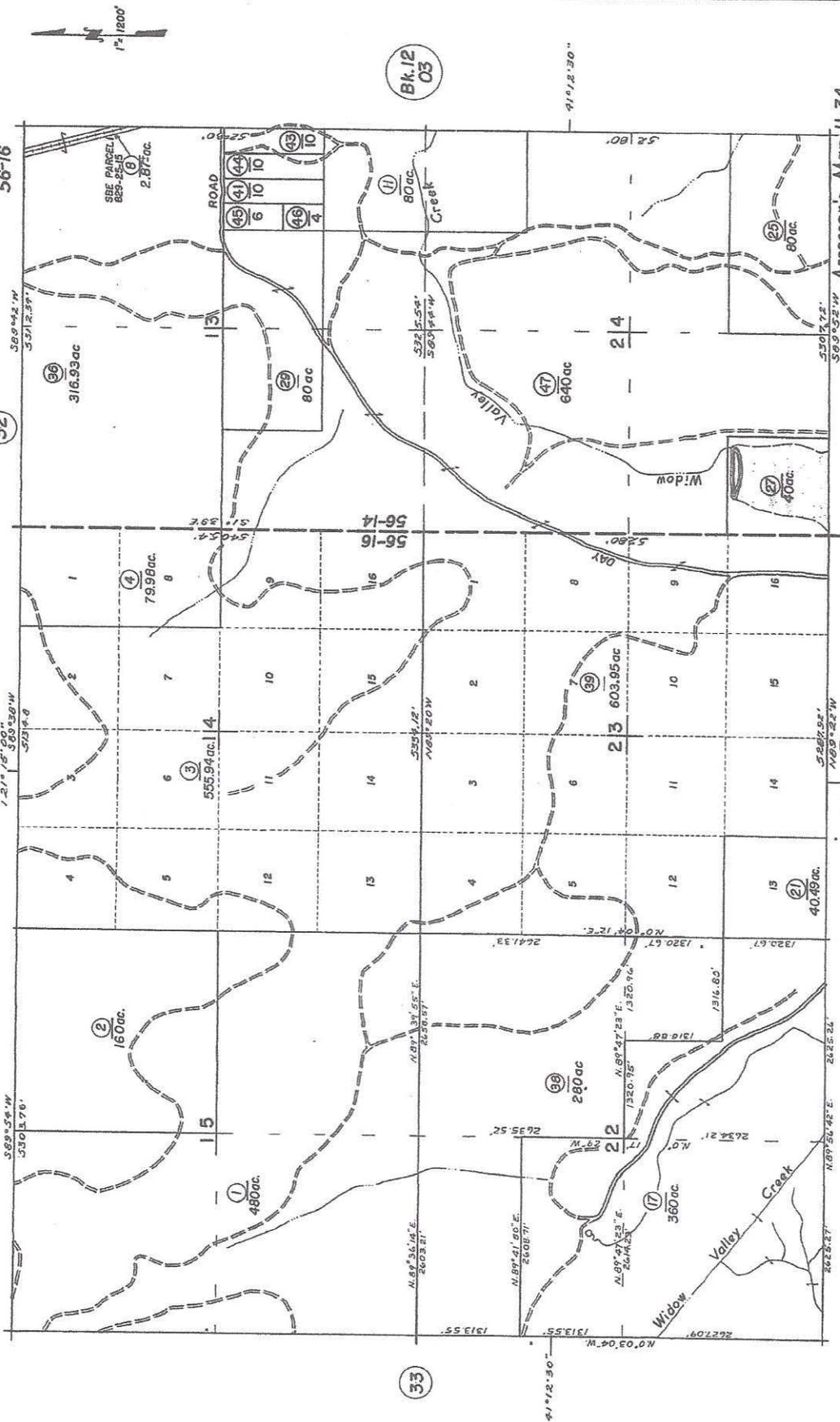
833 8.b.ii. Parcel Map

T.39N. R.6 E. M.D.B. & M.

11-34

Tax Area Code 56-14
56-16

32



NOTE - ASSESSOR'S BLOCK
& LOT NUMBERS
SHOWN IN CIRCLES

County of Modoc, Calif.

Feb, 1974

Assessor's Map 11-34

Overstocked Stands
833 8.b.iv. Photos of the Project Site



Overstocked Stands



Overstocked Stands



Overstocked Stands



Project Landscape



c. Additional submission requirement for Fee Title Acquisition

NA Not at Fee Title Acquisition

d. Additional submission requirements for Site Improvement / Restoration Project

COOPERATIVE AGREEMENT
and
TENURE DOCUMENT

WHEREAS W. M. Beaty & Associates, Inc. (BEATY) is the manager of certain property in the Lookout area of Modoc County, California, more particularly described as Assessors Parcels 11-32-10, 15, 25, 29 & 30; 11-34-36, within the area shown on the Project Map attached hereto and made a part hereof, hereinafter called PROPERTY, and;

WHEREAS Pit Resource Conservation District (PRCD) desires to implement a watershed restoration project in and around the Lookout area in Modoc County, California, hereinafter called PROJECT, and;

WHEREAS BEATY wishes to participate in the project and PRCD desires to assist BEATY with watershed/fuel reduction treatments that would benefit the Lookout Area and its watershed.

NOWTHEREFORE BEATY and PRCD agree to work together to implement the PROJECT jointly subject to the following conditions:

1. **Availability of Funds.** The parties hereto understand that any work to be conducted is subject to funds being awarded PRCD to accomplish said treatments. Furthermore, the parties hereto understand that once funds are secured, PRCD will prioritize the areas for treatment based on the amount awarded, and any stipulations placed by any grantor on funds awarded to PRCD.
2. **Treatment Prescription.** In general PROJECT treatments will consist of the removal of the thinning of overstocked pine stands or mastication treatments on PROPERTY that would result in the restoration of the forest and adjacent meadows to a healthier condition. It is anticipated that mechanical equipment will be used with possible follow-up hand treatments. Biomass utilization will be used wherever possible and practical with any revenue derived being used to offset project costs. Individual site specific prescriptions will be further defined and agreed to by BEATY and PRCD prior to start-up.
3. **Project Management.** BEATY will have primary responsibility for treatment contractor selection and management on PROPERTY with PRCD concurrence. Any agreements entered into between BEATY and treatment contractors, including payment rates, must be approved by PRCD in writing, in advance, to ensure they are within PROJECT budget and that the terms and prescriptions meet grantor requirements. BEATY will identify one of their Registered Professional Foresters (RPF) as the Project Manager for BEATY who

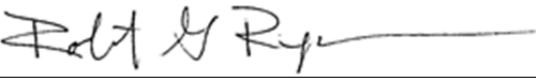
will perform his duties at its sole expense and will coordinate BEATY activities with PRCD Project Director and/or PRCD designees. Upon completion of a treatment phase BEATY will submit completion maps and invoices to PRCD. Upon receipt of invoices and completion maps PRCD will perform an inspection of PROPERTY and approve and process payments.

4. **Notice to Proceed.** PRCD and BEATY will finalize the selection of specific acres for treatment, site specific prescriptions and budgets for PROPERTY treatments after funds have been awarded to PRCD and after PRCD has established a final PROJECT budget. These terms and conditions will be part of a Notice to Proceed document that will be executed by BEATY and PRCD.

Tenure and Access. Subject to all the terms and conditions contained herein and for a term of one year from the effective date of this agreement, BEATY agrees to grant access to PROPERTY to PRCD and its grantors for the purposes of applying for and securing PROJECT funding and for monitoring implementation. In the event Project funding is secured, then BEATY agrees to cooperate to execute mutually agreed upon annual permits to for the purposes of monitoring the implementation of Project and securing additional Project funding if needed. PRCD shall indemnify, hold harmless, and name BEATY and RED RIVER FORESTS LLC as additionally insured on PRCD's general and automobile insurance policies. Contractors, consultants and all others conducting implementation work and/or management activities authorized under this Agreement shall execute separate agreement(s) with the landowner or its Manager, W. M. BEATY & ASSOCIATES, INC., that include provisions to indemnify, defend and hold harmless the Landowner and its Manager and name both as additional insured on Contractor's general and automobile insurance policies with minimum limits of coverage as required by Manager.

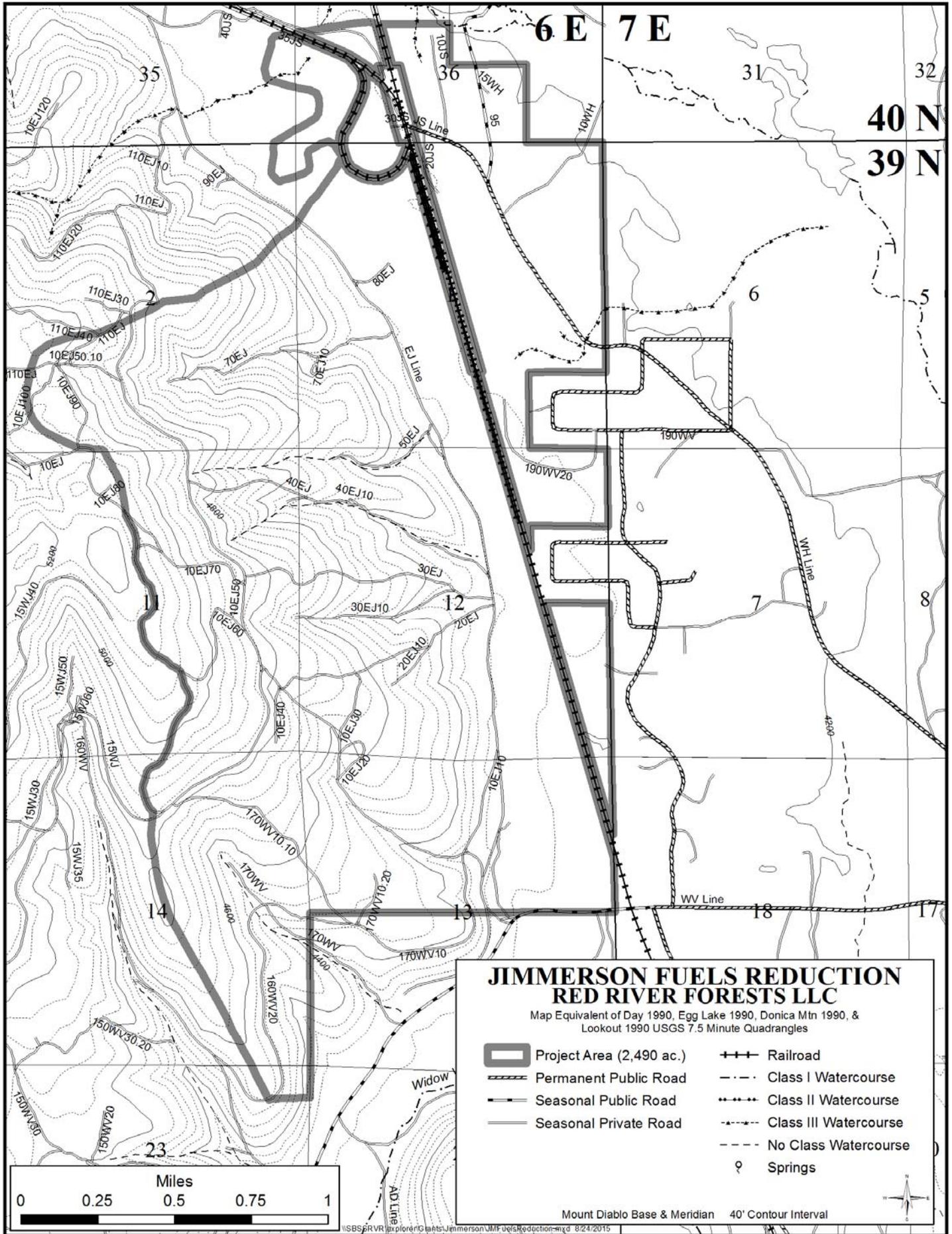
This Cooperative Agreement and Tenure document is entered into this 26th day of August, 2015 by and between:

W. M. BEATY & ASSOCIATES, INC.

By: 

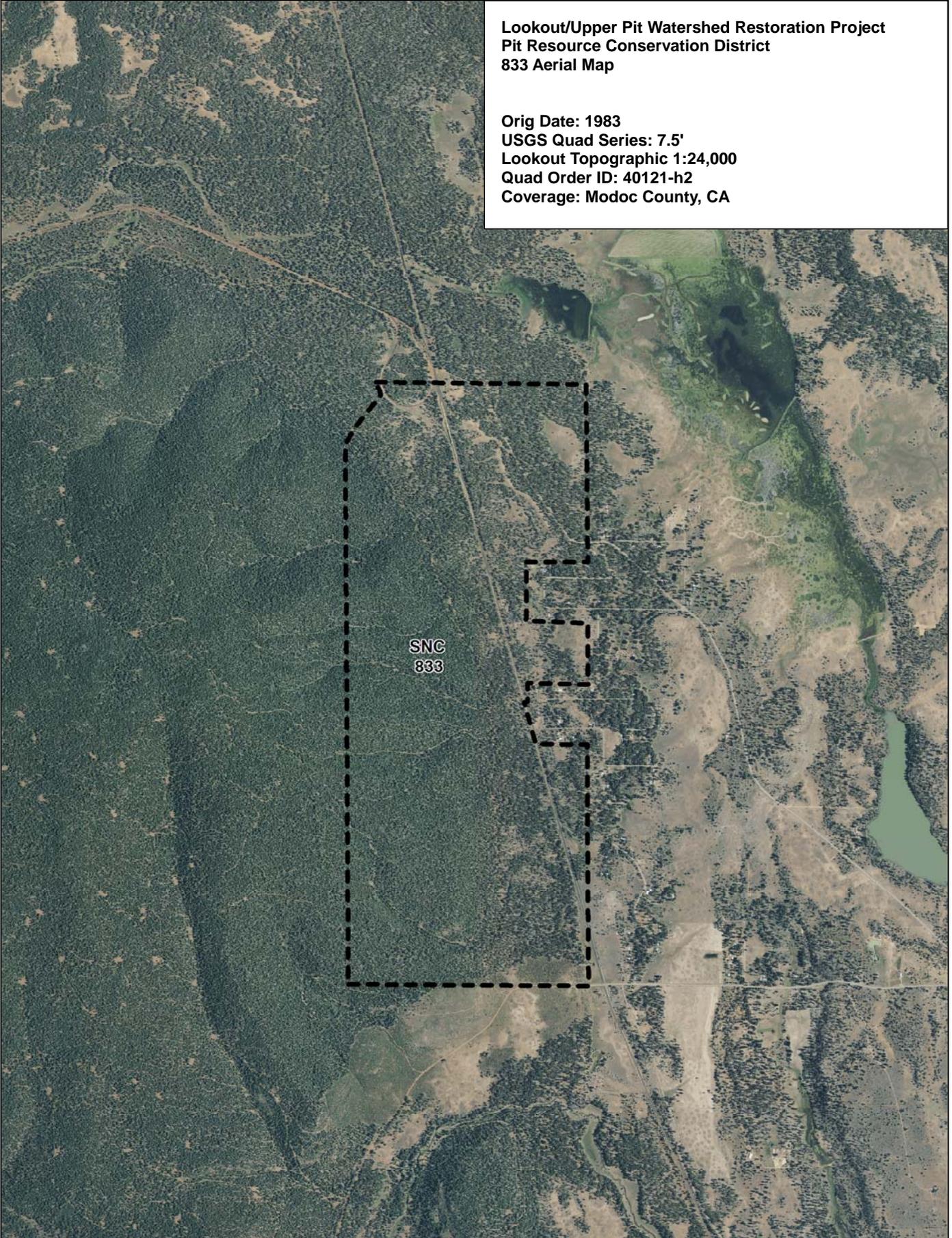
Robert G. Rynearson,
Manager Land Department


Thomas W. Esgate
Pit Resource Conservation District



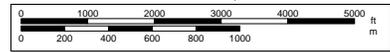
Lookout/Upper Pit Watershed Restoration Project
Pit Resource Conservation District
833 Aerial Map

Orig Date: 1983
USGS Quad Series: 7.5'
Lookout Topographic 1:24,000
Quad Order ID: 40121-h2
Coverage: Modoc County, CA



SNC
833

Scale 1 : 34,375



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8.d.iii. Leases or Agreements

No other leases or agreements are needed for the implementation of this project.