

STATE OF CALIFORNIA
STANDARD AGREEMENT
 RM 75 (Rev 05/20)

AGREEMENT NUMBER

REGISTRATION NUMBER

1. This Agreement is entered between the State Agency and the Cooperator named below:

STATE AGENCY'S NAME

The California Department of Forestry and Fire Protection

COOPERATOR'S NAME

Mariposa County

2. The term of this Agreement is: 10 years through



3. The maximum amount of this Agreement is: \$ 0

4. The parties agree to comply with the terms and conditions of the following exhibits which are by this reference made a part of the Agreement.

Exhibit A – Scope of Work	1 page
Exhibit B – Budget Detail and Payment Provisions	1 page
Exhibit C – General Terms and Conditions	3 pages
Check mark one item below as Exhibit D:	
<input checked="" type="checkbox"/> Exhibit - D Special Terms and Conditions (Attached hereto as part of this agreement)	1 page
<input type="checkbox"/> Exhibit - D* Special Terms and Conditions	
Exhibit E – Additional Provisions	
Section 1 – Project Plan, Description and Specifications	See attached
Section 2 – Project Cost Analysis Summary	See attached
Section 3 – Environmental Checklist	NOE attached

Items shown with an Asterisk (*), are hereby incorporated by reference and made part of this agreement as if attached hereto. These documents can be viewed at www.ols.dgs.ca.gov/Standard+Language

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

COOPERATOR		<i>California Department of General Services Use Only</i>
COOPERATOR'S NAME (if other than an individual, state whether a corporation, partnership, etc.)		
BY (Authorized Signature)	DATE SIGNED(Do not type)	
		
PRINTED NAME AND TITLE OF PERSON SIGNING		
ADDRESS		
STATE OF CALIFORNIA		
AGENCY NAME		
The California Department of Forestry and Fire Protection		
BY (Authorized Signature)	DATE SIGNED(Do not type)	
		
PRINTED NAME AND TITLE OF PERSON SIGNING		
ADDRESS		
		<input checked="" type="checkbox"/> Exempt per: State Contracting Manual § 4.04(A)(2) [contract value is less than \$50,000]

April 10, 2023

**EXHIBIT A
(Standard Agreement)**

SCOPE OF WORK

1. Cooperator and State Agency agree to provide labor, equipment, or services as described in the Prescribed Burn Plan attached as part of Exhibit E, Section 1 – Project Plan, Description and Specification.
2. The services shall be performed at the location identified in the Prescribed Burn Plan attached as part of Exhibit E, Section 1 – Project Plan, Description and Specification.
3. The services shall be provided at such times as are mutually agreeable to Cooperator and State Agency, subject to the operational needs of State Agency and compliance with all federal, state, or local restrictions as to the timing of the conduct of the work.
4. The project representatives during the term of this agreement will be:

State Agency: CAL FIRE	Cooperator: Mariposa County
Name: Mike van Loben Sels	Name: Dallin Kimble
Phone: (209) 966-3722	Phone: (209)966-3222
Email address: Mike.vanLobenSels@fire.ca.gov	Email address: dkimble@mariposacounty.org

Direct all inquiries to:

State Agency: CAL FIRE	Cooperator: Mariposa County
Section/Unit: MMU	Section/Unit:
Attention: Brian Mattos	Attention: Dallin Kimble
Address: 5366 Highway 49 North Mariposa, CA 95338	Address: PO Box 784 Mariposa, CA 95338
Phone: (209) 742-1907	Phone: (209) 966-3222
Email address: brian.mattos@fire.ca.gov	Email address: dkimble@mariposacounty.org

5. A detailed description of work to be performed and the duties of all parties is contained in the Prescribed Burn Plan attached as Exhibit E, Section 1 – Project Plan, Description and Specification which the Prescribed Burn Plan is incorporated into the Exhibit E as if fully set forth herein.

EXHIBIT B**BUDGET DETAIL AND PAYMENT PROVISIONS****1. Estimated Costs**

CAL FIRE will incorporate all estimated costs within the Prescribed Burn Plan for this Project and apportion for an estimate of projected costs. The Cooperator may accept responsibility for the estimated costs of private benefits to be created concomitantly with the public benefits.

2. Equipment

Any equipment included in the Prescribed Burn Plan for this Project provided by the Cooperator to offset estimated pro rata costs summarized in item #1 above will include all necessary operation, repair, and maintenance expenses.

3. Cash Deposit in Lieu of Providing Materials, Services, or Equipment

Any Cooperator may, in lieu of providing materials, services, or equipment to offset pro rata costs for private benefits, establish a trust account or make a certificate of deposit payable to the State for funds to equal the estimated pro rata costs. Disbursement of any such funds to the State shall be made within 15 days after satisfactory completion of specified work.

4. Budget Contingency Clause

- A. It is mutually agreed that if the Budget Act of the current year and/or any subsequent years covered under this Agreement does not appropriate sufficient funds for the program, this Agreement shall be of no further force and effect. In this event, the State shall have no liability to pay any funds whatsoever to Contractor or to furnish any other considerations under this Agreement and Contractor shall not be obligated to perform any provisions of this Agreement.
- B. If funding for any fiscal year is reduced or deleted by the Budget Act for purposes of this program, the State shall have the option to either cancel this Agreement with no liability occurring to the State, or offer an agreement amendment to Contractor to reflect the reduced amount.

5. Prompt Payment Clause

If any payments are due under the Agreement, such payment will be made in accordance with, and within the time specified in, Government Code Chapter 4.5, commencing with Section 927.

EXHIBIT C**GENERAL TERMS AND CONDITIONS**

1. **APPROVAL**: This Agreement is of no force or effect until signed by both parties and approved by the Department of General Services, if required. Cooperator may not commence performance until such approval has been obtained.
2. **AMENDMENT**: No amendment or variation of the terms of this Agreement shall be valid unless made in writing, signed by the parties and approved as required. No oral understanding or Agreement not incorporated in the Agreement is binding on any of the parties.
3. **ASSIGNMENT**: This Agreement is not assignable by the Cooperator, either in whole or in part, without the consent of the State in the form of a formal written amendment.
4. **AUDIT**: Cooperator agrees that the awarding department, the Department of General Services, the Bureau of State Audits, or their designated representative shall have the right to review and to copy any records and supporting documentation pertaining to the performance of this Agreement. Cooperator agrees to maintain such records for possible audit for a minimum of three (3) years after completion of the Prescribed Burn Plan, unless a longer period of records retention is stipulated. Cooperator agrees to allow the auditor(s) access to such records during normal business hours and to allow interviews of any employees who might reasonably have information related to such records. Further, Cooperator agrees to include a similar right of the State to audit records and interview staff in any subcontract related to performance of this Agreement. (Gov. Code §8546.7, Pub. Contract Code §10115 et seq., CCR Title 2, Section 1896).
5. **INDEMNIFICATION**: State Agency agrees to indemnify and hold harmless the person or public agency contracting with the department with respect to liability arising out of performance of the contract as allowed in Public Resources Code section 4476. In the same manner State agency agrees to indemnify any Cooperating public entity that has entered into a "Fire Protection Cooperative Agreement" with CAL FIRE pursuant with PRC 4129. Cooperator agrees to indemnify, defend and save harmless the State, its officers, agents and employees from any and all claims and losses accruing or resulting to any and all contractors, subcontractors, suppliers, laborers, and any other person, firm or corporation furnishing or supplying work services, materials, or supplies in connection with the performance of this Agreement.
6. **DISPUTES**: Cooperator shall continue with the responsibilities under this Agreement during any dispute.
7. **TERMINATION FOR CAUSE**: The State may terminate this Agreement and be relieved of any duties under this Agreement should the Cooperator fail to perform the requirements of this Agreement at the time and in the manner herein provided.
8. **TERMINATION WITHOUT CAUSE**: Either party may cancel this Agreement thirty days (30) days after providing written notice to the other party, provided that if Cooperator cancels this Agreement pursuant to this section, Cooperator shall be liable to the State for all planning and site preparation costs incurred by the State prior to termination of the Agreement by Cooperator.
9. **INDEPENDENT CONTRACTOR**: Cooperator, and the agents and employees of Cooperator, in the performance of this Agreement, shall act in an independent capacity and not as officers or employees or agents of the State.
10. **RECYCLING CERTIFICATION**: Cooperator shall certify in writing under penalty of perjury, the minimum, if not exact, percentage of post consumer material as defined in the Public Contract Code Section 12200, in products, materials, goods, or supplies offered or sold to the State regardless of whether the product meets the requirements of Public Contract Code Section 12209. With respect to printer or duplication cartridges that comply with the requirements of Section 12156(e), the certification required by this subdivision shall specify that the cartridges so comply (Pub. Contract Code §12205).

EXHIBIT C

11. NON-DISCRIMINATION CLAUSE: During the performance of this Agreement, Cooperator and its subcontractors shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (e.g., cancer), age (over 40), marital status, and denial of family care leave. Cooperator and subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. Cooperator and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code §12990 (a-f) et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, Section 7285 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code Section 12990 (a-f), set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations, are incorporated into this Agreement by reference and made a part hereof as if set forth in full. Cooperator and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other Agreement.

Cooperator shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the Agreement.

12. CERTIFICATION CLAUSES: The CONTRACTOR CERTIFICATION CLAUSES contained in the document CCC 307 are hereby incorporated by reference and made a part of this Agreement by this reference as if attached hereto. All references to "Contractor" in document CCC 307 shall be interpreted as applying to Cooperator under this Agreement.

13. TIMELINESS: Time is of the essence in this Agreement.

14. GOVERNING LAW: This Agreement is governed by and shall be interpreted in accordance with the laws of the State of California.

15. ANTITRUST CLAIMS: The Cooperator by signing this agreement hereby certifies that if these services or goods are obtained by means of a competitive bid, the Cooperator shall comply with the requirements of the Government Codes Sections set out below.

a. The Government Code Chapter on Antitrust claims contains the following definitions:

- 1) "Public purchase" means a purchase by means of competitive bids of goods, services, or materials by the State or any of its political subdivisions or public agencies on whose behalf the Attorney General may bring an action pursuant to subdivision (c) of Section 16750 of the Business and Professions Code.
- 2) "Public purchasing body" means the State or the subdivision or agency making a public purchase. Government Code Section 4550.

b. In submitting a bid to a public purchasing body, the bidder offers and agrees that if the bid is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the bidder for sale to the purchasing body pursuant to the bid. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the bidder. Government Code Section 4552.

c. If an awarding body or public purchasing body receives, either through judgment or settlement, a monetary recovery for a cause of action assigned under this chapter, the assignor shall be entitled to receive reimbursement for actual legal costs incurred and may, upon demand, recover from the public body any portion of the recovery, including treble damages, attributable to overcharges that were paid by the assignor but were not paid by the public body as part of the bid price, less the expenses incurred in obtaining that portion of the recovery. Government Code Section 4553.

d. Upon demand in writing by the assignor, the assignee shall, within one year from such demand, reassign the cause of action assigned under this part if the assignor has been or may have been injured by the violation of law for which the cause of action arose and (a) the assignee has not been injured thereby, or (b) the assignee declines to file a court action for the cause of action. See Government Code Section 4554.

EXHIBIT C

16. **CHILD SUPPORT COMPLIANCE ACT:** For any Agreement in excess of \$100,000, the Cooperator acknowledges in accordance with Public Contract Code 7110, that:

a. The Cooperator recognizes the importance of child and family support obligations and shall fully comply with all applicable state and federal laws relating to child and family support enforcement, including, but not limited to, disclosure of information and compliance with earnings assignment orders, as provided in Chapter 8 (commencing with section 5200) of Part 5 of Division 9 of the Family Code; and

b. The Cooperator, to the best of its knowledge is fully complying with the earnings assignment orders of all employees and is providing the names of all new employees to the New Hire Registry maintained by the California Employment Development Department.

17. **UNENFORCEABLE PROVISION:** In the event that any provision of this Agreement is unenforceable or held to be unenforceable, then the parties agree that all other provisions of this Agreement have force and effect and shall not be affected thereby.

18. **PRIORITY HIRING CONSIDERATIONS:** If this Agreement includes services in excess of \$200,000, the Cooperator shall give priority consideration in filling vacancies in positions funded by the Agreement to qualified recipients of aid under Welfare and Institutions Code Section 11200 in accordance with Pub. Contract Code §10353.

19. **SMALL BUSINESS PARTICIPATION AND DVBE PARTICIPATION REPORTING REQUIREMENTS:**

a. If for this Agreement Cooperator made a commitment to achieve small business participation, then Cooperator must within 60 days of receiving final payment under this Agreement (or within such other time period as may be specified elsewhere in this Agreement) report to the awarding department the actual percentage of small business participation that was achieved. (Govt. Code § 14841.)

b. If for this Agreement Cooperator made a commitment to achieve disabled veteran business enterprise (DVBE) participation, then Cooperator must within 60 days of receiving final payment under this Agreement (or within such other time period as may be specified elsewhere in this Agreement) certify in a report to the awarding department: (1) the total amount the Cooperator received under the Agreement; (2) the name and address of the DVBE(s) that participated in the performance of the Agreement; (3) the amount each DVBE received from the Cooperator; (4) that all payments under the Agreement have been made to the DVBE; and (5) the actual percentage of DVBE participation that was achieved. A person or entity that knowingly provides false information shall be subject to a civil penalty for each violation. (Mil. & Vets. Code § 999.5(d); Govt. Code § 14841.)

20. **LOSS LEADER:** If this Agreement involves the furnishing of equipment, materials, or supplies then the following statement is incorporated: It is unlawful for any person engaged in business within this state to sell or use any article or product as a "loss leader" as defined in Section 17030 of the Business and Professions Code. (PCC 10344(e).)

EXHIBIT D

SPECIAL TERMS AND CONDITIONS

1. **TERM OF THE AGREEMENT**: The term of this Agreement shall commence on the date identified in item 2 of this Agreement and will terminate upon satisfactory completion of the prescribed burning project, but in no event will the term of this agreement exceed ten (10) years.

2. **INCIDENT COMMANDER/FIRE BOSS**: The Unit Chief which approves the Prescribed Burn Plan for this project will designate an Incident Commander (IC) (Fire Boss in Public Resources Code [PRC] 4476). This IC shall have final authority to (a) approve, amend, and implement the Prescribed Burn Plan, (b) determine that the fuel and weather are suitable, and that all crews and equipment are ready, and (c) direct all work assignments of public employees and persons furnished by the Cooperator until the prescribed burning is completed and the fire is declared out. The Unit Chief for this project is:

Mike van Loben Sels

(Name)

3. **OWNERSHIP AND CONTROL**: Cooperator certifies that Cooperator owns or controls the prescribed burn area delineated on the map incorporated within the Prescribed Burn Plan attached to this Agreement as Exhibit E, Section 1 – Project Plan, Description and Specification.

4. **POTENTIAL SUBCONTRACTORS**: Nothing contained in this Agreement or otherwise, shall create any contractual relation between the State and any subcontractors, and no subcontract shall relieve the Cooperator of his responsibilities and obligations hereunder. The Cooperator agrees to be as fully responsible to the State for the acts and omissions of its subcontractors and of persons either directly or indirectly employed by any of them as it is for the acts and omissions of persons directly employed by the Cooperator. The Cooperator's obligation to pay its subcontractors is an independent obligation from the State's obligation to make payments to the Cooperator. As a result, the State shall have no obligation to pay or to enforce the payment of any moneys to any subcontractor.

5. **REQUIRED CERTIFICATION OF STATE**: The State certifies that the Project contemplated by this Agreement, when successfully completed, will accomplish a purpose enumerated in PRC 4475 and that the State has determined that the anticipated public benefit from the proposed project will exceed the foreseeable damage that could result from the Project.

6. **WORKERS COMPENSATION**: All personnel similarly provided by the Cooperator shall be agents of the Cooperator for purposes of Worker's Compensation. Cooperator shall indemnify the State and hold harmless for any claims from the above agents. The State is likewise responsible for its equipment and personnel.

7. **DGS EXEMPTION CERTIFICATION**: I hereby certify that all conditions for exemption have been complied with and this contract is exempt from the Department of General Services' approval.

By: _____

Name: _____ Title: _____



California Department of Forestry and Fire Protection Environmental Review Report for an Exempt Project

Note: This report form is intended for use by California Department of Forestry and Fire Protection (CAL FIRE) staff to document a limited environmental impact analysis supporting the filing of a notice of exemption document for a proposed CAL FIRE project. Although the project appears to fit within the descriptions for allowable categorical exemptions, this report presents CAL FIRE's review for possible exceptions that would preclude finding the project to be categorically exempt as discussed in CEQA Guidelines Section 15300.2. This report will be filed with the CEQA administrative record for this project to document the environmental impact analysis conducted by CAL FIRE. Revised 01/01/2020.

Author:	Sebastien Cordier & Brian Mattos
Title:	Environmental Scientist & Unit Forester
Address:	CAL FIRE, 5366 North Highway 49, Mariposa, CA 95338
Phone:	(559) 706-8808 & (209) 742-1907
Email:	Sebastien.Cordier@fire.ca.gov & Brian.Mattos@fire.ca.gov

Project Name:	Lazy Oaks
Project Number:	4200-2023-FPL-002
Program Type:	Hand Crew Proficiency Training
CAL FIRE Unit:	Madera-Mariposa-Merced
County:	Mariposa
Acres:	308
Legal Location:	Sec. 36 T04S R18E
Name of USGS 7.5' Quad Map(s):	Feliciano Mtn.
<input checked="" type="checkbox"/> Project Vicinity Map Attached <input checked="" type="checkbox"/> Project Location Map Attached <input checked="" type="checkbox"/> Photos Attached	

Other Public Agency Review or Permit Required:		
Would the project result in:	YES	NO
Alterations to a watercourse (DFW - Lake and Stream Alteration Agreement)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Conversion of timberland (CAL FIRE - Conversion Permit or Exemption)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Demolition (Local Air District - Demolition Permit)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Soil disturbance over 1 acre (RWQCB - SWPPP)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Fill of possible wetlands (404 Permit - USACE)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other: Mariposa Air Pollution Control District Permit(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Discuss any above-listed topic item checked Yes and consultation with agencies:		

<p>Project Description and Environmental Setting (describe the project activities, project site and its surroundings, its location, and the environmental setting):</p> <p>The California Department of Forestry and Fire Protection is proposing Hand Crew Proficiency Training. Project activities will take place in the dense mixed shrubland community with some overstory oak and pine trees. Hand crew proficiency training is for crews to practice creating handlines annually in Spring and potentially Fall as well as pile burning during open and burn permit season. Handline construction involves cutting through dense brush and a light scraping of the duff layer. Handlines are approximately a 10 feet wide saw cut with a 3 feet wide light scrape of the duff layer in the middle, and up to 300 feet long. Multiple crews will be training in this area, so multiple handlines will be made. This will allow hand crews to practice in a safe, real-world environment to get their timing and techniques ready for wildfire season. Crews may pile burn the cut shrubs for debris clean up as needed during open and burn permit season or use a chipper to treat the fuels. No healthy, mature, and scenic trees will be removed except for hazard purposes. No large (>10" DBH) trees will be removed and ladder fuels up to 12ft high will be trimmed and cleared. Snags in the project area will be checked for species presence before removal. Young trees of commercial species will be favored in thinning.</p> <p>This project is on one participating property owner land, County of Mariposa, covering 308 acres. This project is in Mariposa County, on the Feliciano Mtn. CA USGS 7.5' Quadrangle Map. Legal Description is Sec. 36 T04S R18E MDB&M. This project is located on West of Oak Road, North of Yosemite Oaks Road, East of Crystal Air Drive. The project is located approximately 0.75 miles West of Midpines, CA. Driving on Highway 140 towards Midpines, CA. Turn onto Oak Road, project area is to the West. Project elevation is between 2711 - 3614 feet.</p>

Environmental Impact Analysis

Aesthetics

This topic does not apply to this project and was not evaluated further.

This topic could apply to this project, and results of the assessment are provided below:

The proposed project is in a rural area, surrounded by private landowners with no public access. It is not visible from the main Highway 140, and the vegetation community will grow back after project activities. No significant adverse aesthetic impacts will occur from this proposed project.

Agriculture and Forest Resources

This topic does not apply to this project and was not evaluated further.

Yes No Would any trees be felled? If yes, discuss protection of nesting birds, if necessary.

Yes No Would the project convert any prime or unique farmland?

Yes No Would the project result in the conversion of forest land or timberland to non-forest use?

This topic could apply to this project, and results of the assessment are provided below:

Majority of the area does not meet the California Forest Practice Rules definition of Timberland. No healthy, mature, and scenic trees will be removed except for hazard purposes. Snags will be checked for nesting birds or other wildlife prior to removal. No adverse impacts to Agriculture or Forest Resources will result from this project.

Air Quality

This topic does not apply to this project and was not evaluated further.

Yes No The local Air Quality Management District guidelines for dust abatement and other air quality concerns were reviewed for this project.

This topic could apply to this project, and results of the assessment are provided below:

MMU will conduct burning in accordance with the Mariposa Air Pollution Control District Rules and Regulations including submission and approval of a Smoke Management Plan. The project is in a rural area and impact to smoke sensitive areas is not expected, pile burning will happen on allowed burn days. Emissions resulting from the transportation and project activities will not result in significant impacts to air quality as the amount of traffic and emissions would be minimal. See also GHG calculations. No significant impacts to air quality will occur from this proposed project.

Biological Resources

This topic does not apply to this project and was not evaluated further.

Yes No Will the project potentially effect biological resources?

Yes No Was a current California Natural Diversity Database review completed? Results discussed below:

Yes No Was a biological survey of the project area completed? Results discussed below:

This topic could apply to this project, and results of the assessment are provided below:

The California Natural Diversity Database (CNDDDB) was viewed to determine presence of any known occurrences of rare, federal, or state endangered/threatened (or candidate for listing thereof), sensitive, or other specially listed species of concern. A CNDDDB 5-mile search was completed in February 2023 and returned 22 species of special status. Comprised of 8 annual herbs, 5 perennial herbs, and 9 wildlife species. From the 22 species of special status returned, 14 were ruled off the project because the project area does not match the species habitat preferences via Elevation, Habitat, Soils, and Other Resons. Of the 8 remaining species that have potential to be present on project, there are 4 annual herbs, 3 perennial herbs, and 2 wildlife species. A special-status plant and wildlife summary tables is attached, containing each species, their status, habitat description, potential to be within the project area, and their avoidance strategy.

The 4 potential Annual Herbs are *Clarkia rostrata*, *Diplacus pulchellus*, *Erythranthe gracilipes*, *Leptosiphon serrulatus*. The 3 potential Perennial Herbs are *Balsamorhiza macrolepis*, *Entosthodon kochii*, *Horkelia parryi*. The 2 potential Wildlife species are *Antrozous pallidus* and *Bombus crotchii*.

Hand crew training is taking place in the dense mixed shrubland community with some overstory oak and pine trees. The understory annual and perennial herbs are not present due to the shrubland dominating the space. Removal of the dense mixed shrubland community would open the habitat and promote new growth. Lazy Oaks common plant species list: Manzanita, toyon, chamise, ceanothus, poison oak, interior live oak, canyon live oak, black oak, blue

oak, incense cedar, ponderosa pine, mountain mahogany, buck eye, grape vine, periwinkle, ferns, sugar pine, bear clover, red berry shrub, gray pine, gooseberry, California blackberry, spice bush, and chervil.

No *Bombus crotchii* were observed during surveys. Their foraging habitat is not present, there are no open grassland habitat with flowers in this project area. If nests are found during project work, work will pause until CAL FIRE notifies the California Department of Fish and Wildlife for proper avoidance strategy.

Antrozous pallidus may forage in a broad range of habitats, including those present in the project area. This species forages at night, outside of the project implementation hours, and will not be directly impacted by project activities. Foraging habitat will not be reduced to a point of significantly impacting functionality. The *Antrozous pallidus* have suitable roosting habitat within the project area, such as caves, mines, rock crevices, bat houses, human structures, live trees, and snags. However, no large (>10" DBH) trees will be removed. Therefore, no impacts will occur to pallid bat roosting habitat, and any disturbance will be transitory in nature and will not be significant.

No healthy, mature, and scenic trees will be removed except for hazard purposes, only the ladder fuels will be trimmed and cleared. Snags in the project area will be checked for species presence before removal. Nesting bird survey will be completed prior to the start date. Wood rat nests were observed in the project area, crews will be directed to go around them.

One unmapped Class III watercourse intersects the northern portion of this project. A Class III watercourse has no aquatic life but is capable of moving sediment downstream to Class I or II watercourses. A 25ft Watercourse and Lakeshore Protection Zone (WLPZ) will be placed around it, where no ground disturbance, pile burning, or chipping will take place. Crews can enter the WLPZ to cut and remove woody debris and ladder fuels. Watercourses were classified using CCR 956.5 procedure for determining WLPZ widths and protection measures.

Surveys on 11/29/2022, 3/16/2023, and 3/27/2023 identified no special status species. Although no impacts are anticipated, should any listed species be observed within or directly adjacent to the project area during project implementation, work will pause, and CAL FIRE will notify U.S. Fish and Wildlife Service and/or the California Department of Fish and Wildlife for proper avoidance strategy.

A pre-operations briefing with the Chiefs and Crew Supervisors who will be work on this project will be held to explain the project parameters, limitations, and avoidance zones. Will also provide a project information sheet and map explaining and showing the project parameters, limitations, and avoidance zones.

Additionally, CAL FIRE contacted CDFW, RWQCB, and USFWS to discuss biological resources on 3/2/2023. CDFW replied on 3/24/2023. RWQCB replied on 3/9/2023. USFWS replied on 3/9/2023.

After review and survey of project-specific biological resources, suitable habitat is present but adverse effects can be clearly avoided. Thus, no impact on special status species will occur.

Cultural Resources/Tribal Cultural Resources

This topic does not apply to this project and was not evaluated further.

Yes No Was a current archaeological records check completed? Results discussed below:

Yes No Was a CAL FIRE staff or contract archaeologist consulted? Results discussed below:

Yes No Was an archaeological survey of the project area completed? Results discussed below:

Yes No Will the project effect any historic, archaeological or tribal cultural resources?

This topic could apply to this project, and results of the assessment are provided below:

An Archaeological Records Check was sent to the California Historical Resource Information Center (CHRIS), specifically to the Central California Information Center, Elizabeth Greathouse, on 2/17/2023. They replied on 3/6/2023 with records check file number 12450M. The CAL FIRE Native American Contact List (published January 1, 2023) was used to send project notification letters to the Mariposa County NACL on 2/17/2023. I.e., Native American Heritage Commission, attention cultural resources representative. North Fork Rancheria attention, Elaine Bethel Fink. Southern Sierra Miwuk Nation, attention Sandra Chapman.

No sites were previously recorded within 100ft of the project area. The Area of Potential Effects was surveyed on 11/29/2022, 3/16/2023, and 3/27/2023, no new archaeological sites are within 100ft of the project area. See Confidential Archaeological Survey Report for more information.

If any additional archaeological resources are discovered during operations, all work is to stop within the area of the find. The CAL FIRE MMU Forester, Environmental Scientist, and the Associate State Archaeologist are to be notified

of new finds immediately. Work in the area of the find shall not resume until protection measures have been incorporated into the project and the Associate State Archaeologist has approved them. CAL FIRE staff determined that less-than-significant impacts to cultural resources will occur because of this planned project.

Energy

This topic does not apply to this project and was not evaluated further.
 This topic could apply to this project, and results of the assessment are provided below:
 The project is limited to handline construction, cutting brush and pile burning. The project is unrelated to renewable energy and will neither result in renewable energy outputs or impact existing and/or planned renewable energy projects. No negative impacts to Energy will occur from this project.

Geology and Soils

This topic does not apply to this project and was not evaluated further.
 This topic could apply to this project, and results of the assessment are provided below:
 The project area is generally stable with no geologic concerns. No negative impacts to Geology and Soils will occur from this project. No chippers or vehicles are allowed on slopes greater than 60%.

Greenhouse Gas Emissions

This topic does not apply to this project and was not evaluated further.
 Yes No Would the project generate significant greenhouse gas (GHG) emissions?
 Yes No Would these GHG emissions result in a significant impact on the environment? Discuss below:
 Yes No Would the project conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases? Discuss below:
 Minor temporary emissions will occur from travel to, from, and work within the project site. Greenhouse Gas (GHG) emissions calculations were based on estimates of total fossil fuel consumption by motorized equipment required for facilitation of this project. Estimates were based on high end usage projections. Conversion factors utilized were obtained from the California Climate Action Register (CCAR) General Reporting Protocol (CCAR 2009). FOFEM emissions calculations estimate the emissions for burning fuel types. See Calculations detailed below, total estimated CO₂e produced under the scope of this project this will result in net release of 927.36 Metric Tons (MT) of CO₂e. Expected daily project work emissions for hand crew chainsaw and transportation is 0.25 MT CO₂/day. Expected pile burning smoke emissions is 927.11 MT CO₂/year.

GHG:

Greenhouse Gas Estimated CO ₂ Emissions Worksheet						Definitions	
Project Information						MPG	Miles Per Gallon
Project Name	Lazy Oaks		Blue = Inputs		GPD	Gallons Per Day	
Project Acres	20		Black = Equation Produced Data		MT	Metric Tons	
Total Project Days	1		Red = Constants		CO ₂	Carbon Dioxide	
One-Day Round Trip Miles	14		Gold Highlight = Final Calculation		kg	Kilogram	
Equipment Used						ac	Acres
Pickup Trucks		Chainsaws		Chippers		gal	Gallon
Fuel Type	Gasoline	Fuel Type	Gasoline	Fuel Type	Gasoline	Yr.	Year
# of Vehicles	1	# of Chainsaws	10	# of Chippers	1		
One-Day Round Trip Miles	14				1		
Total Miles	14	Total Project Days	1	Total Project Days	1		
MPG	12	GPD	1.5	GPD	10		
Total Gallons	1	Total Gallons	15	Total Gallons	10		
Exhaust CO₂ Emissions Calculations							
Gasoline			Units			Smoke or Decay CO₂ Emissions	
Total Gallons of Gasoline	26 gal		Consumption US Tons/Acre Removed (FOFEM)			30.96	
Gasoline CO ₂ Emission Factor: kg CO ₂ /gal	8.81 kg CO ₂ / gal		Biomass Total US Tons Removed			619.2	
Total Gas Kg of CO ₂ Produced	230.53 kg CO ₂		Conversion Factor Tons of Biomass to Tons CO ₂			1.65	
Conversion Factor kg to MT	1000 1MT = 1000kg		Smoke Emissions US Tons of CO ₂			1021.68	
Total Gas Emissions MT of CO ₂	0.23053 MT CO ₂		Conversion Factor US Tons to MT			1.102	
			Total Smoke Emissions MT of CO ₂			927.11	
Diesel Fuel			Units			Final Outputs	
Total Gallons of Diesel	2 gal		Total MT of CO ₂ for Project			927.36	
Diesel's CO ₂ Emission Factor: kg CO ₂ /gal	10.15 kg CO ₂ / gal		Sequestration Rate 2 - 6 Tons/Ac/Yr.			4	
Total Diesel Kg of CO ₂ Produced	17.76 kg CO ₂		Total Sequestration Rate/Yr.			293.6	
Conversion Factor Kilogram to MT	1000 1MT = 1000kg		Years Required for Complete Sequestration			3.16	
Total Diesel Emissions MT of CO ₂	0.01776 MT CO ₂					Sequestration Rates 2 = Grassland 4 = Shrub and trees.	
Total Gas and Diesel Emissions MT CO₂			0.25				

FOFEM:

FOFEM 6.7

File Options Help

C:\Users\lbmattos\AppData\Local\FOFEM6.7\fofem.prj Project File Region PacificWest

Fuel - Smoke - Soil Mortality

Cover Type SAF/SRM SRM 208 - Ceanothus Mixed Chaparral Season Summer

Fuel Type (T/ac) Natural Duff 0 Litter 0 0-1/4 0 1/4-1 0 1-3 0 3+ 0 Herb 0 Shrub 38.70 Foliage Branch 0 0 Adjustments L T H

Moistures Dry 40 10 15 % Rotten 50.00 Distribution Even % Consumed 75 Soil Settings Coarse-Silt Moisture 10 Amb Temp C 21

Output Consumed 0 0 0 0 0 0 0 0 30.96 0 0

Reports

Fuel Consumption

Smoke Emissions

Soil Reports

Campbell

Massman

Clear Report

Report Totals

Write

Clear

TITLE: Results of FOFEM model execution on date: 3/27/2023

FUEL EMISSIONS CALCULATIONS

Region: PacificWest
 Cover Type: SRM 208 - Ceanothus Mixed Chaparral
 Fuel Type: Natural
 Fuel Reference: PMS-833

	Emissions flaming	-- lb/ac smoldering	total
CO 2	110117	0	110117
CO	404	0	404
CH 4	49	0	49
NOX	198	0	198
SO2	62	0	62
PM 2.5	161	0	161
PM 10	190	0	190

	Consumption T/ac	Duration hour:min:sec
Short Term Flaming and Smoldering:	30.96	00:03:45
residual smoldering:	0.00	00:00:00
Total:	30.96	

Burnout Time		
Component	hour:min:sec	total seconds
Litter	00:00:00	0
1 Hour	00:00:00	0
10 Hour	00:00:00	0
100 Hour	00:00:00	0
1000 Hour	00:00:00	0
Duff	00:00:00	0

The widely accepted significance threshold for GHG emissions for projects is 1,100 MT CO₂e/yr. The De Minimis Level for the operational phases of 1,100 MT CO₂e/yr represents an emissions level which can be considered as less than cumulatively considerable and be excluded from the further GHG impact analysis.

- <https://ww2.arb.ca.gov/resources/documents/frequently-asked-questions-wildfire-emissions>
- <https://www.placer.ca.gov/DocumentCenter/View/2061/Threshold-Justification-Report-PDF>
- <https://www.airquality.org/LandUseTransportation/Documents/GHGThresholdsJustificationSept2014.pdf>

Hazards and Hazardous Materials

- This topic does not apply to this project and was not evaluated further.
- This topic could apply to this project, and results of the assessment are provided below:
The project will not create a significant hazard to the public or the environment related to hazardous materials, emergency evacuation, or wildfire risk. No adverse impacts from hazards or hazardous materials will occur.

Hydrology and Water Quality

- This topic does not apply to this project and was not evaluated further.
- Yes No Will the project potentially affect any watercourse or body of water?
- This topic could apply to this project, and results of the assessment are provided below:
One unmapped Class III watercourse intersects the northern portion of this project. A Class III watercourse has no aquatic life but is capable of moving sediment downstream to Class I or II watercourses. A 25ft Watercourse and Lakeshore Protection Zone (WLPZ) will be placed around it, where no ground disturbance, pile burning, or chipping will take place. Crews can enter the WLPZ to cut and remove woody debris and ladder fuels. Watercourses were classified using CCR 956.5 procedure for determining Watercourse and Lakeshore Protection Zone (WLPZ) widths and protection measures.

Project implementation will have no impact on local ground water tables or result in an increase in water usage. The project will not result in significant additional run-off or influence current or future hydrology or water quality. The project will not violate any water quality standards or discharge requirements, degrade water quality, substantially alter existing drainage, result in erosion, or substantially increase surface runoff. Impacts will be less than significant.

Land Use and Planning

- This topic does not apply to this project and was not evaluated further.
- This topic could apply to this project, and results of the assessment are provided below:
No changes in land use and planning would occur as a result of this project. No impact on land use or planning will occur.

Mineral Resources

- This topic does not apply to this project and was not evaluated further.
- This topic could apply to this project, and results of the assessment are provided below:
There are no active or abandoned mines on this project, and no negative impacts to mineral resources will occur.

Noise

- This topic does not apply to this project and was not evaluated further.
- This topic could apply to this project, and results of the assessment are provided below:
This project will utilize CAL FIRE crews and CAL FIRE station personnel to complete proposed work. Work will occur Monday-Sunday 8:00 AM to 4:00 PM and noise levels are expected to be consistent with hand operated tools and equipment and is for a limited time. Once completed noise levels will return to pre-project levels. Impacts will be less than significant.

Population and Housing

- This topic does not apply to this project and was not evaluated further.
- This topic could apply to this project, and results of the assessment are provided below:
No negative impacts to population and housing will occur.

Public Services

- This topic does not apply to this project and was not evaluated further.
- This topic could apply to this project, and results of the assessment are provided below:
Hazardous fuels will be reduced as a result of this training. This will allow hand crews to practice in a safe, real-world environment to get their timing, techniques, and teamwork ready for wildfire season. Trained fire crews will be better at fighting wildfires that help the public. No negative impacts to public services will occur.

Recreation

- This topic does not apply to this project and was not evaluated further.
- This topic could apply to this project, and results of the assessment are provided below:
There is currently no public access for recreation on these private parcels. No impacts to recreation will occur.

Transportation and Traffic

This topic does not apply to this project and was not evaluated further.
 This topic could apply to this project, and results of the assessment are provided below:
All vehicles and construction equipment used during project implementation would access Oak Road, Midpines, CA 95345. The proposed project will not create any traffic design hazards. The project will not conflict or exceed performance measures identified in applicable plans, ordinances, or policies. The vehicle trips created by the proposed project will not create a significant impact on transportation and traffic as the traffic generated is not substantial and is of limited duration. No significant impacts to traffic will occur.

Utilities and Service Systems

This topic does not apply to this project and was not evaluated further.
 This topic could apply to this project, and results of the assessment are provided below:
No excavations planned to trigger contact with Underground Service Alert (811). No impact to utilities and service systems will occur.

Wildfire

This topic does not apply to this project and was not evaluated further.
 This topic could apply to this project, and results of the assessment are provided below:
This will improve fire protection by increasing readiness and efficiency of local crews and decreasing hazardous fuels. No adverse wildfire impacts are anticipated.

Changes Made to Avoid Environmental Impacts:

No changes made to avoid environmental impacts.

Mandatory Findings of Significance:	YES	NO
(a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(b) Does the project have impacts that are individually limited, but cumulatively considerable? "Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probably future projects.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Justification for Use of a Categorical Exemption (discuss why the project is exempt, cite exemption number(s), and describe how the project fits the class):
<p>The project meets the requirements of Class 4, §15304: Minor Alteration to the Land Categorical Exemption to CEQA. Class 4 includes minor public or private alterations in the conditions of land, water, and/or vegetation which do not involve removal of healthy, mature, and scenic trees except for forestry and agricultural purposes. Minor temporary use of land having negligible or no permanent effects on the environment.</p> <p>Field review by CAL FIRE staff confirmed that no 15300.2. Exceptions apply which would preclude the use of a Notice of Exemption for this project. The activities will not result in the taking of endangered, rare, or threatened plant or animal species, or sedimentation to surface waters. CAL FIRE staff has concluded that no significant environmental impact would occur to aesthetics, agriculture and forestland/timberland, air quality, biological resources, cultural resources, energy, geology and soils, greenhouse gas emissions, hazards and hazardous materials, hydrology and water quality, land use planning, mineral resources, noise, population and housing, public services, recreation, transportation/traffic, utilities and service systems, or wildfire. Documentation of the environmental review completed by the Department is kept on file at CAL FIRE Mariposa Headquarters at 5366 State Highway 49 North, Mariposa CA 95338.</p>

Conclusion:

After assessing potential environmental impacts and evaluating the description for the various classes of categorical exemptions to CEQA, CAL FIRE has determined that the project fits within one or more of the exemption classes and no exceptions exist at the project site which would preclude the use of this exemption. CAL FIRE considered the possibility of (a) sensitive location, (b) cumulative impact, (c) significant impact due to unusual circumstances, (d) impacts to scenic highways, (e) activities within a hazardous waste site, and (f) significant adverse change to the significance of a historical resource. A notice of exemption will be filed at the State Clearinghouse.

After assessing potential environmental impacts and evaluating the description for the various classes of categorical exemptions to CEQA, CAL FIRE has determined that the project does not fit within the description for the various exemption classes or has found that exceptions exist at the project site that precludes the use of a categorical exemption for this project. Additional environmental review will be conducted and the appropriate CEQA document used may be a negative declaration or a mitigated negative declaration.

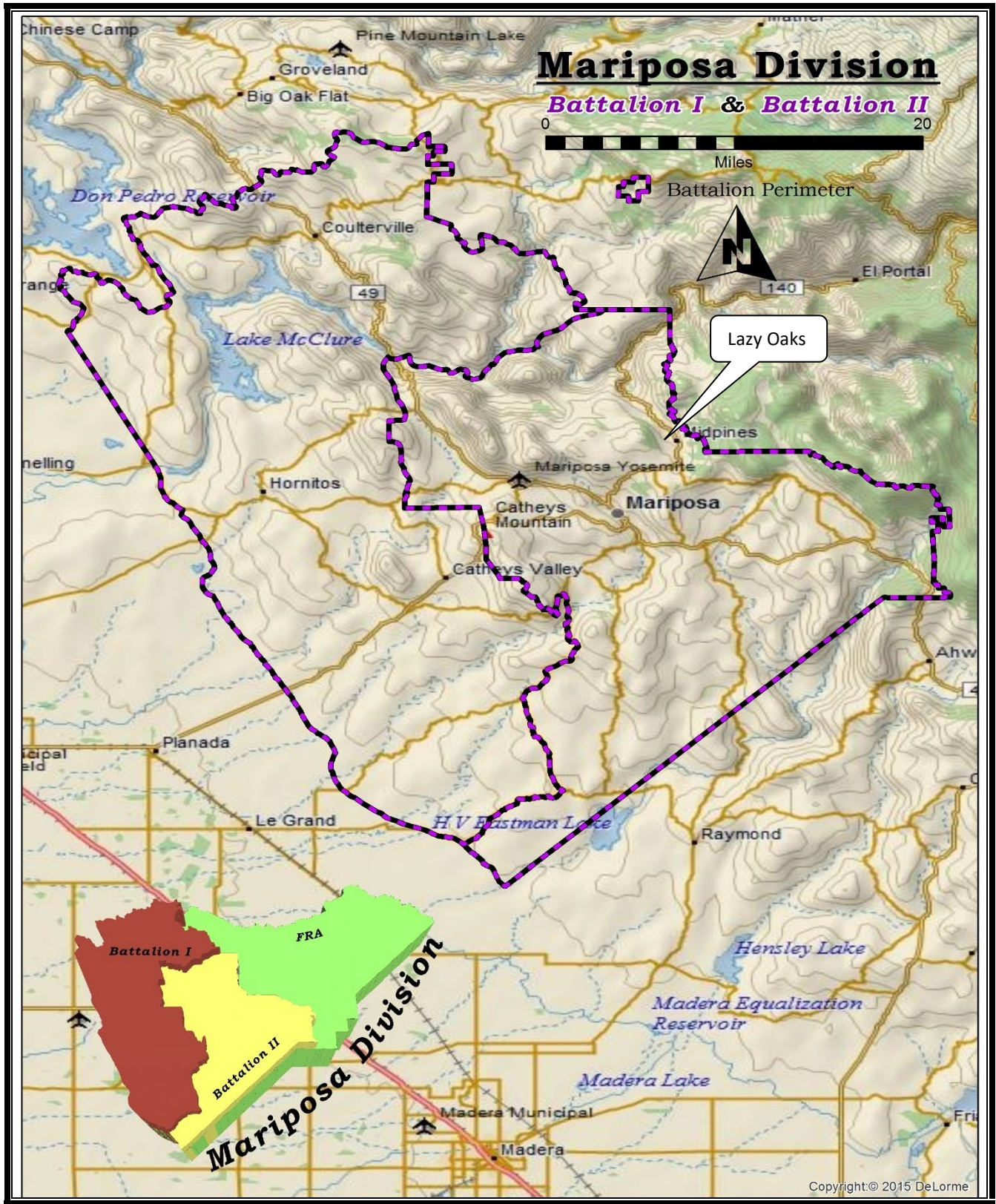


Figure 1. Project Vicinity Map



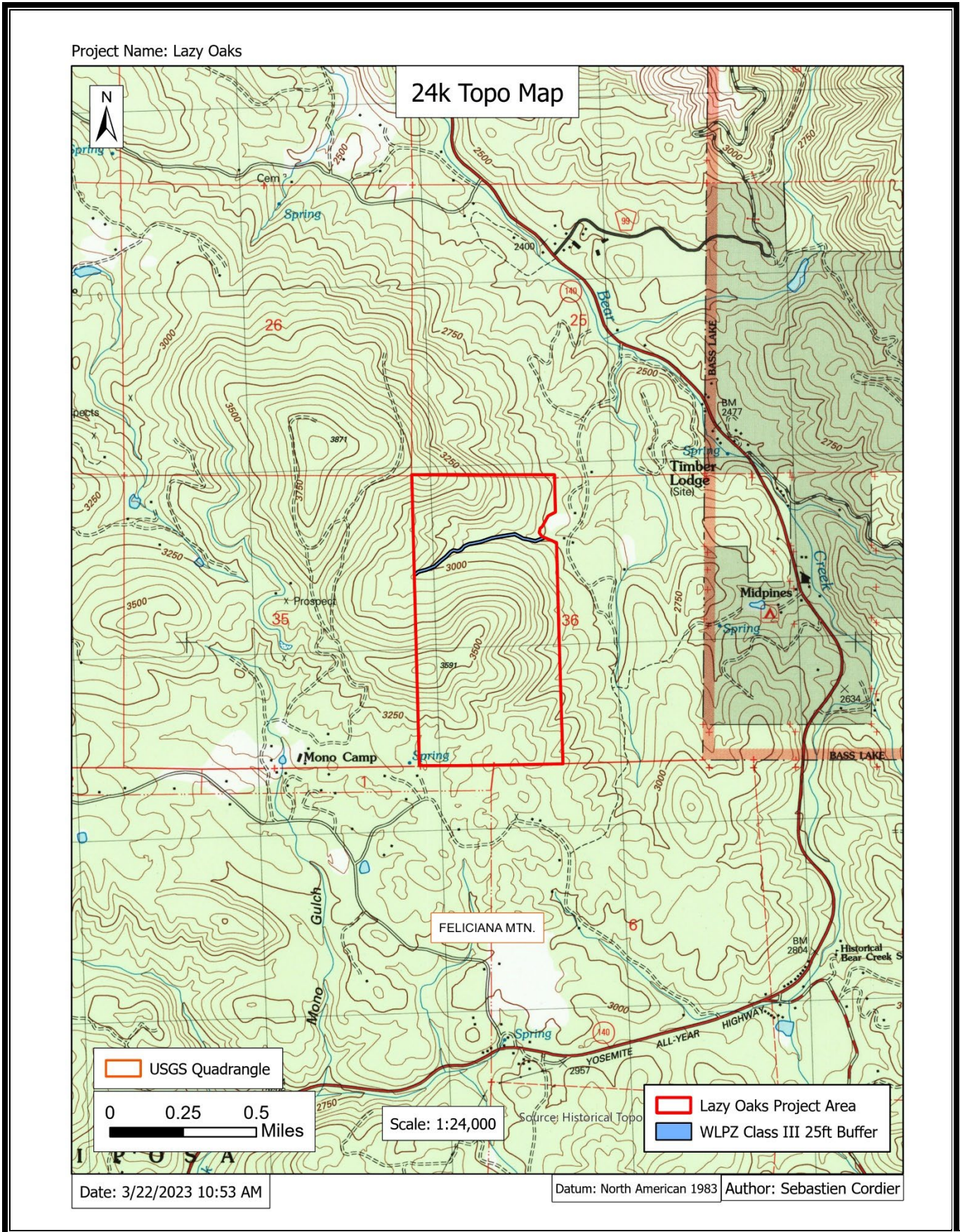
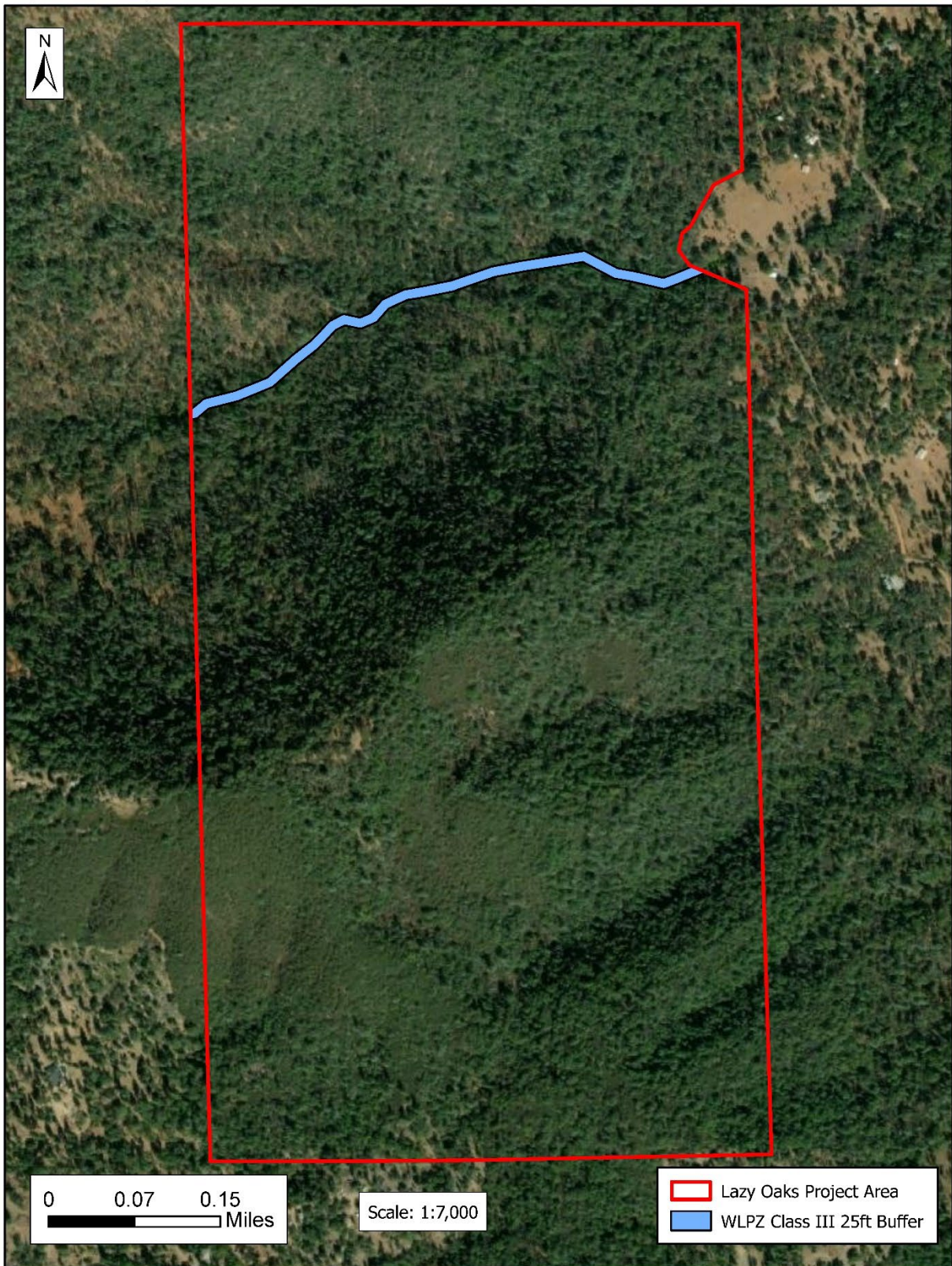


Figure 2. Project Location Map



Figure 3. Snapshot of Project Area

Project Name: Lazy Oaks



Date: 3/22/2023 10:59 AM

Datum: North American 1983

Author: Sebastien Cordier

Figure 4. Birds Eye View of Lazy Oaks Project Area

Project Name: Lazy Oaks

SPECIES STATUS SUMMARY TABLE
Results of Listed Species Found in the CNDDDB Query

Wildlife

WILDLIFE		STATUS			Habitat	Potential Occurrence on Project	Reason	Avoidance Strategy
<i>SCIENTIFIC NAME</i>	COMMON NAME	Fed	State	CDFW				
Antrozous pallidus	Pallid Bat	N	N	SSC	Habitats include grasslands, shrublands, woodlands, and mixed conifer forests. Most common in open, dry habitats with rocky areas for roosting. Roosts include caves, mines, rock crevices, live trees, snags, bat houses, and human structures.	Yes	Yes	Preliminary surveys did not detect the presence of the species. If bat roosts are found, they will be excluded and flagged for avoidance.
Bombus crotchii	Crotch Bumble Bee	N	CE	.	Habitats includes warm, dry sites, open grassland, and scrub habitats. Colonies are annual, only the queens hibernate over winter and emerge early spring to search for nesting site. Nests often located underground in abandoned rodent nests or above ground in tufts of grass, old bird nests, rock piles, or cavities of dead trees.	Yes	Other	Preliminary surveys did not detect the presence of the species. If bee nests are found, they will be excluded and flagged for avoidance.
Desmocerus californicus dimorphus	Valley Elderberry Longhorn Beetle	TH	N	.	Nearly always found on or close to its host plant, red or blue elderberry tree (Sambucus species), along rivers and streams.	No	Other	The critical habitat range for this species has decreased. It is not found outside of the Central Valley. References: 1) https://ucanr.edu/sites/Elderberry/Growing/VELB/ 2) https://www.fws.gov/sacramento/es_species/Accounts/Invertebrates/valley_elderberry_longhorn_beetle/
Emys marmorata	Western Pond Turtle	N	N	SSC	Associated with permanent to nearly permanent water in a wide variety of habitat types. Such as ponds, lakes, streams, pools	No	Habitat, WLPZ	No permanent water sources in project area. Associated with

Project Name: Lazy Oaks

					along intermittent streams, or irrigation ditches. Requires basking sites, and in colder areas they hibernate underwater in mud.			permanent to nearly permanent water in a wide variety of habitat types.
Euderma maculatum	Spotted Bat	N	N	SSC	Wide variety of foraging habitats but roosting sites are a limiting resource. Preferred roosting in rock cliff crevices with water in the area. Associated with cliffs and wet, montane meadows in the Sierra Nevada. Occasionally found in caves and buildings.	No	Habitat	No preferred roosting sites of cliffs near water in project area.
Hydromantes brunus	Limestone Salamander	N	TH	FP	Mixed chaparral habitats along the Merced River and its tributaries in Mariposa County. Populations associated with limestone outcrops or rock microhabitats are preferred. Dependent on rainfall, nocturnally active during rains of fall, winter, and spring. Activity mostly subterranean during dry periods where they seek refuge in rocks.	No	Elevation , Habitat	Species preferred elevation 800 to 2624 feet. No river or limestone habitats in project area.
Mylopharodon conocephalus	Hardhead	N	N	SSC	Freshwater demersal fish in relatively undisturbed habitats of large streams with high water quality. Inhabits deep, rock and sand bottomed pools of small to large rivers.	No	Habitat, WLPZ	No pools or rivers in project area. Freshwater fish.
Rana boylei pop. 5	Foothill Yellow-Legged Frog - South Sierra Dps	PE	E	.	Found near rocky streams in a variety of habitats, such as valley-foothill hardwood, conifer, riparian, ponderosa pine, mixed conifer, coastal scrub, mixed chaparral, and wet meadow types. Very water dependent, not found far from a permanent water source.	No	Habitat, WLPZ	No pools or rivers in project area. Very water dependent, not found far from a permanent water source.
Rana sierrae	Sierra Nevada Yellow-Legged Frog	E	TH	WL	Inhabits lakes, ponds, meadow streams, isolated pools, and sunny riverbanks in the Sierra Nevada Mountains. Usually active after snow melts.	No	Habitat	No pools or rivers in project area.

Species Status Identifiers Used on the Table

DL– Delisted **E** – Endangered **CE** – Candidate Endangered **CTH** – Candidate Threatened **TH**– Threatened
PTH – Potential Threatened **N** – None **NL** – Not Listed **R** – Rare **WL** – Watch List **SSC** – DFG Species of Special Concern

Project Name: Lazy Oaks

Plants

PLANTS		STATUS			Habitat	Potential Occurrence on Project	Reason	Avoidance Strategy
<i>SCIENTIFIC NAME</i>	COMMON NAME	Fed	State	CNPS				
Balsamorhiza macrolepis	Big-Scale Balsamroot	N	N	1B.2	Habitats include chaparral, cismontane woodland, valley and foothill grasslands. Sometimes serpentinite soils.	Yes	Yes	No special status plants were located during surveys. If this perennial species is found, they will be excluded and flagged for avoidance.
Clarkia biloba ssp. australis	Mariposa Clarkia	N	N	1B.2	Serpentinite soils, chaparral, cismontane or foothill woodland.	No	Soils	No serpentine soils in project area.
Clarkia rostrata	Beaked Clarkia	N	N	1B.3	Valley, grassland, foothill, cismontane, oak, or pine woodland. Prefer north slopes, sunny to half-shady situations.	Yes	Yes	No special status plants were located during surveys. If this annual species is found they will be excluded and flagged for avoidance, or project activities will occur before or after this species annual life cycle.
Cryptantha mariposae	Mariposa Cryptantha	N	N	1B.3	Chaparral communities, shrubland, barrens to semi-barren. Serpentinite, rocky, ridges, slopes. Strict endemic to ultramafic rocks, i.e., 95% of their occurrences on ultramafic.	No	Soils	No serpentine soils in project area.
Diplacus pulchellus	Yellow-Lip Pansy Monkeyflower	N	N	1B.2	Lower montane coniferous forest. Wetlands, occasionally non-wetlands, wetland-riparian, meadows, yellow pine forest. Vernal wet depressions or seepage areas. Soils can be clay, volcanic, or granitic.	Yes	Yes	No special status plants were located during surveys. If this annual species is found they will be excluded and flagged for avoidance, or project activities will occur before or after this species annual life cycle.
Entosthodon kochii	Koch's Cord Moss	N	N	1B.3	Habitat is cismontane woodland soils dominated by deciduous or evergreen	Yes	Yes	No special status plants were located during

Project Name: Lazy Oaks

					species and open canopies. Riverbanks, moist, rocky forested newly exposed soils, drainages, north facing slopes. Only one site known in Mariposa County.			surveys. If this perennial species is found, they will be excluded and flagged for avoidance.
Erigeron mariposanus	Mariposa Daisy	N	N	1A	Foothill and cismontane woodlands. Has only been found in a few locations in Mariposa County, however it is considered extinct by experts.	No	Elevation	Species preferred elevation 1968 to 2624 feet.
Erythranthe gracilipes	Slender-Stalked Monkeyflower	N	N	1B.2	Chaparral, cismontane woodland, lower montane coniferous forest. Decomposed granitic, often in burned or disturbed areas.	Yes	Yes	No special status plants were located during surveys. If this annual species is found they will be excluded and flagged for avoidance, or project activities will occur before or after this species annual life cycle.
Horkelia parryi	Parry's Horkelia	N	N	1B.2	Open chaparral, foothill and cismontane woodland habitat. Distribution range through northern and central Sierra Nevada foothills, esp lone formation.	Yes	Yes	No special status plants were located during surveys. If this perennial species is found, they will be excluded and flagged for avoidance.
Leptosiphon serrulatus	Madera Leptosiphon	N	N	1B.2	Found in woodland openings throughout the Sierra Nevada foothills. Chaparral, yellow pine forests, cismontane woodland, and lower montane coniferous forests.	Yes	Yes	No special status plants were located during surveys. If this annual species is found they will be excluded and flagged for avoidance, or project activities will occur before or after this species annual life cycle.
Lomatium congdonii	Congdon's Lomatium	N	N	1B.2	Chaparral and foothill woodlands. Serpentine: strictly endemic, 95% of all occurrences on ultramafic.	No	Soils	No serpentine soils in project area.
Lupinus citrinus var. deflexus	Mariposa Lupine	N	TH	1B.2	Occurs in Sierra Nevada foothills, woodland openings, and chaparral. Hillsides and	No	Elevation	Species preferred elevation 1312 to 2001 feet.

Project Name: Lazy Oaks

					ridgetops with decomposed granitic sandy soils.			
Lupinus spectabilis	Shaggyhair Lupine	N	N	1B.2	Sierra Nevada foothills, often on rocky slopes within chaparral and cismontane woodland communities. Strict endemic to serpentine. Other habitats include barrens, forest, shrubland, mixed woodland communities.	No	Elevation, Soils	Species preferred elevation 835 to 2706 feet. No serpentine soils in project area.

Species Status Identifiers Used on the Table

DL – Delisted **E** – Endangered **CE** – Candidate Endangered **CTH** – Candidate Threatened **TH** – Threatened
PTH – Potential Threatened **N** – None **NL** – Not Listed **R** – Rare **WL** – Watch List **SSC** – DFG Species of Special Concern

From: [Gordus, Margarita@Wildlife](mailto:Gordus.Margarita@Wildlife)
To: [Cordier, Sebastien@CALFIRE](mailto:Cordier.Sebastien@CALFIRE)
Cc: [Mattos, Brian@CALFIRE](mailto:Mattos.Brian@CALFIRE)
Subject: RE: CAL FIRE Project Notice - Lazy Oaks ERRF/NOE
Date: Friday, March 24, 2023 11:28:00 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

Warning: this message is from an external user and should be treated with caution.

Hi Sebastien,

Per our phone call, the Crotch bumble bee has the potential to occur in the project area and should be considered. The species summary table should be updated to indicated the species has the potential to occur on the project and update the avoidance strategy.

Margarita Gordus
CDFW
(559) 207-6681

From: Cordier, Sebastien@CALFIRE <Sebastien.Cordier@fire.ca.gov>
Sent: Tuesday, March 21, 2023 4:19 PM
To: Gordus, Margarita@Wildlife <Margarita.Gordus@wildlife.ca.gov>
Cc: Mattos, Brian@CALFIRE <Brian.Mattos@fire.ca.gov>
Subject: CAL FIRE Project Notice - Lazy Oaks ERRF/NOE

WARNING: This message is from an external source. Verify the sender and exercise caution when clicking links or opening attachments.

Hello Margarita,

I'm wondering if you had time to see this project and if you have any comments or concerns?

Thank you,



Sebastien Cordier
Unit Environmental Scientist
Madera, Mariposa, Merced Unit
5366 Highway 49 North, Mariposa, CA 95338
(559) 706-8808 Cell



From: Cordier, Sebastien@CALFIRE
Sent: Thursday, March 2, 2023 4:38 PM
To: Gordus, Margarita@Wildlife <Margarita.Gordus@wildlife.ca.gov>
Cc: Mattos, Brian@CALFIRE <Brian.Mattos@fire.ca.gov>
Subject: CAL FIRE Project Notice - Lazy Oaks ERRF/NOE

Hello Margarita,

Please see attached CAL FIRE project notice, biology discussion, biology species table, and two project maps. Please let me know if you have any comments or concerns with this upcoming project.

I will be out of office until 3/13/2023, Brian has some availability if you would like to respond before that.

Thank you,



Sebastien Cordier
Unit Environmental Scientist
Madera, Mariposa, Merced Unit
5366 Highway 49 North, Mariposa, CA 95338
(559) 706-8808 Cell



From: [Hipp, Rebecca@Waterboards](mailto:Hipp_Rebecca@Waterboards)
To: [Cordier, Sebastien@CALFIRE](mailto:Cordier_Sebastien@CALFIRE)
Subject: RE: CAL FIRE Project Notice - Lazy Oaks ERRF/NOE
Date: Monday, March 20, 2023 2:20:23 PM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Warning: this message is from an external user and should be treated with caution.

You're welcome. Thanks for the pictures!

Rebecca Hipp

Environmental Scientist
Central Valley Regional Water Quality Control Board- Fresno
(559) 445-5977



From: Cordier, Sebastien@CALFIRE <Sebastien.Cordier@fire.ca.gov>
Sent: Friday, March 17, 2023 3:12 PM
To: Hipp, Rebecca@Waterboards <Rebecca.Hipp@Waterboards.ca.gov>
Cc: Mattos, Brian@CALFIRE <Brian.Mattos@fire.ca.gov>
Subject: RE: CAL FIRE Project Notice - Lazy Oaks ERRF/NOE

EXTERNAL:

Hi Rebecca,

We had a nice field day yesterday. We are pretty certain that it is a class 3 watercourse, therefore we will put a 25 ft WLPZ around it. Access was very hard since it is very overgrown with dense vegetation. We did not see any signs of aquatic vegetation. The water was moving quickly as well, no slow spot at all. We still think it is seasonal and will run dry in the next month or so.

Attached are some photos. Capture 1 and 2 are from the top end of the watercourse via UAS footage. Capture 3-5 is further in the site from UAS footage. And the last two pictures are further up the road from the road culvert crossing sent prior.

We plan to go back out in ~2 weeks, after this upcoming storm passes next week. I'll try to get more and better footage then.

Thank you for letting me know about the USGS maps, I'll keep that in mind moving forward.

Thank you,



Sebastien Cordier
Unit Environmental Scientist
Madera, Mariposa, Merced Unit
5366 Highway 49 North, Mariposa, CA 95338
(559) 706-8808 Cell



From: Hipp, Rebecca@Waterboards <Rebecca.Hipp@Waterboards.ca.gov>
Sent: Thursday, March 16, 2023 4:38 PM
To: Cordier, Sebastien@CALFIRE <Sebastien.Cordier@fire.ca.gov>
Cc: Mattos, Brian@CALFIRE <Brian.Mattos@fire.ca.gov>
Subject: RE: CAL FIRE Project Notice - Lazy Oaks ERRF/NOE

Warning: this message is from an external user and should be treated with caution.

You picked the right day for a survey! What nice weather! I use the free USGS maps on Avenza for my inspections, and I've found many small watercourses that aren't mapped as blue line streams. The shaping of the contour lines will often hint to them though.

Rebecca Hipp

Environmental Scientist
Central Valley Regional Water Quality Control Board- Fresno
(559) 445-5977



From: Cordier, Sebastien@CALFIRE <Sebastien.Cordier@fire.ca.gov>
Sent: Wednesday, March 15, 2023 4:25 PM
To: Hipp, Rebecca@Waterboards <Rebecca.Hipp@Waterboards.ca.gov>
Cc: Mattos, Brian@CALFIRE <Brian.Mattos@fire.ca.gov>
Subject: RE: CAL FIRE Project Notice - Lazy Oaks ERRF/NOE

EXTERNAL:

Hi Rebecca,

We plan to go survey it tomorrow, so I'll take more pictures and let you know what we find. I'm sure it will be a little difficult, but we will look for bed, banks, and channels, signs of aquatic vegetation and aquatic invertebrates. Along with frogs!

With it not being on the USGS Topo map, I'm thinking that it is very seasonal and weather dependent, thus class III. How common or uncommon is it for an unmapped watercourse with the

USGS Topo maps? From my experience they usually have any potential watercourse marked on them.

Thank you,



Sebastien Cordier

Unit Environmental Scientist
Madera, Mariposa, Merced Unit
5366 Highway 49 North, Mariposa, CA 95338
(559) 706-8808 Cell



From: Hipp, Rebecca@Waterboards <Rebecca.Hipp@Waterboards.ca.gov>
Sent: Wednesday, March 15, 2023 3:03 PM
To: Cordier, Sebastien@CALFIRE <Sebastien.Cordier@fire.ca.gov>
Cc: Mattos, Brian@CALFIRE <Brian.Mattos@fire.ca.gov>
Subject: RE: CAL FIRE Project Notice - Lazy Oaks ERRF/NOE

Warning: this message is from an external user and should be treated with caution.

Hi Sebastien,

Thanks for the additional Information. It looks like a classified watercourse at the photo location. I'm sure this will be a difficult year to determine Class II vs Class III though.

Rebecca Hipp

Environmental Scientist
Central Valley Regional Water Quality Control Board- Fresno
(559) 445-5977



From: Cordier, Sebastien@CALFIRE <Sebastien.Cordier@fire.ca.gov>
Sent: Monday, March 13, 2023 1:02 PM
To: Hipp, Rebecca@Waterboards <Rebecca.Hipp@Waterboards.ca.gov>
Cc: Mattos, Brian@CALFIRE <Brian.Mattos@fire.ca.gov>
Subject: RE: CAL FIRE Project Notice - Lazy Oaks ERRF/NOE

EXTERNAL:

Hi Rebecca,

I had a great time off, thank you! Attached is a LiDar map showing the ground only of the project area, with two arrows indicating the drainage that we suspect the Class III Watercourse. Also a photo from Oaks Road, taken near the arrow on the right, showing what is coming off the drainage and under the road via a culvert. A birds eye map is also attached to give an idea of the dense vegetation in the project area.

For Class III Watercourse, we will give it a 25ft buffer zone. No mechanical treatments are proposed for this project, so no heavy equipment will be here, only hand crew work. No overstory trees will be removed, only shrubs and vegetation smaller than 8 inch DBH will be treated for cutting, but they can trim ladder fuels and lower branches up to 8ft off the ground. No scrape or pile burning will take place inside WLPZs.

With all the recent winter storms, every watercourse has been very active. I think this is a seasonal watercourse and I don't think it will be active during project treatment activities. So I don't think it will be a Class II Watercourse, but if it is determined then a 50ft buffer will be established around it.

Let me know if you have any more comments or questions, I'm happy to answer them.

Thank you,



Sebastien Cordier
Unit Environmental Scientist
Madera, Mariposa, Merced Unit
5366 Highway 49 North, Mariposa, CA 95338
(559) 706-8808 Cell



From: Hipp, Rebecca@Waterboards <Rebecca.Hipp@Waterboards.ca.gov>
Sent: Thursday, March 9, 2023 3:41 PM
To: Cordier, Sebastien@CALFIRE <Sebastien.Cordier@fire.ca.gov>
Cc: Mattos, Brian@CALFIRE <Brian.Mattos@fire.ca.gov>
Subject: RE: CAL FIRE Project Notice - Lazy Oaks ERRF/NOE

Warning: this message is from an external user and should be treated with caution.

Hi Sebastian,

I hope you're enjoying your time off. I saw that the project documents note that a site survey is still needed to determine if class III watercourses are present in the project area and that WLPZs will be established for watercourses that are identified. What will the widths of the WLPZs be and what project activities will be allowed in the zones?

Thank you,

Rebecca Hipp

Environmental Scientist

Central Valley Regional Water Quality Control Board- Fresno

(559) 445-5977



From: Cordier, Sebastien@CALFIRE <Sebastien.Cordier@fire.ca.gov>

Sent: Thursday, March 2, 2023 4:38 PM

To: Hipp, Rebecca@Waterboards <Rebecca.Hipp@Waterboards.ca.gov>

Cc: Mattos, Brian@CALFIRE <Brian.Mattos@fire.ca.gov>

Subject: CAL FIRE Project Notice - Lazy Oaks ERRF/NOE

EXTERNAL:

Hello Rebecca,

Please see attached CAL FIRE project notice, biology discussion, biology species table, and two project maps. Please let me know if you have any comments or concerns with this upcoming project.

I will be out of office until 3/13/2023, Brian has some availability if you would like to respond before that.

Thank you,



Sebastien Cordier

Unit Environmental Scientist

Madera, Mariposa, Merced Unit

5366 Highway 49 North, Mariposa, CA 95338

(559) 706-8808 Cell



From: [Menchaca, Elizabeth](#)
To: [Cordier, Sebastien@CALFIRE](#)
Cc: [Mattos, Brian@CALFIRE](#)
Subject: Re: [EXTERNAL] CAL FIRE Project Notice - Lazy Oaks ERRF/NOE
Date: Monday, March 20, 2023 3:30:45 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

Warning: this message is from an external user and should be treated with caution.

Sebastien,

Thank you for providing these updates, please let me know if anything new comes up.

Thanks,

Liz

--

Liz Menchaca (she/her)
Fish and Wildlife Biologist
Sierra/Cascades Division
Sacramento Fish and Wildlife Office
U.S. Fish and Wildlife Service
(916) 414- 6620

From: Cordier, Sebastien@CALFIRE <Sebastien.Cordier@fire.ca.gov>
Sent: Monday, March 20, 2023 2:58 PM
To: Menchaca, Elizabeth <elizabeth_menchaca@fws.gov>
Cc: Mattos, Brian@CALFIRE <Brian.Mattos@fire.ca.gov>
Subject: RE: [EXTERNAL] CAL FIRE Project Notice - Lazy Oaks ERRF/NOE

Hello Liz,

I wanted to follow up with you on our field surveys last Thursday 3/16. We still believe it is a class III watercourse, in that no aquatic life is present but showing evidence of being capable of sediment transport to Class I and II waters under normal high water flow conditions. Access was very hard since it is very overgrown with dense vegetation. We did not see any signs of aquatic vegetation. The water was moving quickly as well, no slow spot at all. We still think it is seasonal and will run dry in the next month or so.

We will still put a 25ft WLPZ (Watercourse and Lake Protection Zone) around the watercourse as per CA forest practice rules. No heavy equipment will enter the WLPZ, no ground disturbance or pile burning inside the WLPZ either, crews may enter the WLPZ to cut and remove woody debris and ladder fuels.

Attached are some photos. Capture 1 and 2 are from the top end of the watercourse via UAS footage. Capture 3-5 is further in the site from UAS footage. And the last two pictures are further up the road from the road culvert crossing photo sent prior.

We plan to go out and survey again in the next 2 weeks.

Thank you,



Sebastien Cordier
Unit Environmental Scientist
Madera, Mariposa, Merced Unit
5366 Highway 49 North, Mariposa, CA 95338
(559) 706-8808 Cell



From: Cordier, Sebastien@CALFIRE
Sent: Monday, March 13, 2023 3:23 PM
To: Menchaca, Elizabeth <elizabeth_menchaca@fws.gov>
Cc: Mattos, Brian@CALFIRE <Brian.Mattos@fire.ca.gov>
Subject: RE: [EXTERNAL] CAL FIRE Project Notice - Lazy Oaks ERRF/NOE

Hi Liz,

Thank you for your review.

Timing:

The overall timeline for this project is indefinitely, every year, until there is no more dense vegetation to cut. This project's activities for hand crew training will primarily take place Spring to early Summer before fire season starts, and maybe on occasion in Fall as well. Each year CAL FIRE hand crews need to practice cutting hand lines for training and timing requirements before fire season starts. We may also pile burn to remove the woody debris buildup during open burn permit season, typically late Fall to early Spring. We (Brian and I) will survey the project area every year, and every 5 years do a full review/update on biology to make sure conditions haven't changed or address any new species in the area.

Aquatic features:

Attached is a LiDar map showing the ground only of the project area, with two arrows indicating the drainage that we suspect the Class III Watercourse. Also a photo from Oaks Road, taken near the arrow on the right, showing what is coming off the drainage and under the road via a culvert. A birds eye map is also attached to give an idea of the dense vegetation in the project area. We plan to go back out and fully survey this suspected watercourse, but it is surrounded by heavy dense vegetation. For Class III Watercourse, we will give it a 25ft buffer zone. I don't think it will be a Class II Watercourse, but if it is determined then a 50ft buffer will be established around it. No mechanical treatments are

proposed for this project, so no heavy equipment will be here, only hand crew work. No overstory trees will be removed, only shrubs and vegetation smaller than 8 inch DBH will be treated for cutting, but they can trim ladder fuels and lower branches up to 8ft off the ground. No scrape or pile burning will take place inside WLPZs. With all the recent winter storms, every watercourse has been very active. I think this is a seasonal watercourse and I don't think it will be active during project treatment activities. My review of the yellow-legged frog indicated that it is very water dependent and not found far from a permanent water source. So I don't think it will be present here, and especially not when it dries out after these storms pass and when project activities are anticipated to start.

Buffers:

Buffers are established on a species specific level. Depending on the species Federal or State status, I will contact USFWS or CDFW to discuss proper protection measures. If it doesn't have a Federal or State status, then it is on us to establish proper protection measures usually by avoidance. For plants its usually a 50 feet avoidance buffer zone around the entire population, unless it is annual then we wait for it to finish its life cycle, and no pile burning will take place inside its buffer zone. If it is wildlife then it is very species dependent, but will avoid them with a buffer zone or timing if applicable.

We plan to complete multiple surveys in the next several weeks before any project work starts, if we see any special status species we will let you know. Please let me know if you have any more questions or concerns, I'm happy to answer them.

Thank you,



Sebastien Cordier

Unit Environmental Scientist
Madera, Mariposa, Merced Unit
5366 Highway 49 North, Mariposa, CA 95338
(559) 706-8808 Cell



From: Menchaca, Elizabeth <elizabeth_menchaca@fws.gov>
Sent: Thursday, March 9, 2023 3:32 PM
To: Cordier, Sebastien@CALFIRE <Sebastien.Cordier@fire.ca.gov>
Cc: Mattos, Brian@CALFIRE <Brian.Mattos@fire.ca.gov>
Subject: Re: [EXTERNAL] CAL FIRE Project Notice - Lazy Oaks ERRF/NOE

Warning: this message is from an external user and should be treated with caution.

Hi Sebastien and Brian,

I have reviewed the maps and documents related to this technical assistance request, and I have a couple of questions I was hoping either of you could answer.

- Timing: The BA mentions the hand crew trainings are expected to begin in late spring, but what is the overall timeline for this? How long will the trainings be taking place? Is there an expected end date? Will this only be taking place in 2023 or in subsequent years as well?
- Aquatic features: In the BA it mentions there is a suspected class 3 watercourse within the action area, is there a general idea of where the watercourse is located? Do you have an idea of the size and/or surrounding vegetation? I'm thinking this might be relevant with regards to the foothill yellow-legged frog occurrences near the project area.
- Buffers: Is there a minimum required distance for buffer zones that are established for special status species? Or is it all simply evaluated on an individual level? If so, who makes that call?

Feel free to reach out if you have any questions.

Thanks,

Liz

--

Liz Menchaca (she/her)
Fish and Wildlife Biologist
Sierra/Cascades Division
Sacramento Fish and Wildlife Office
U.S. Fish and Wildlife Service
(916) 414- 6620

From: Kuyper, Richard <richard_kuyper@fws.gov>

Sent: Friday, March 3, 2023 8:56 AM

To: Sebastien Cordier <Sebastien.cordier@fire.ca.gov>

Cc: Mattos, Brian@CALFIRE <Brian.Mattos@fire.ca.gov>; Menchaca, Elizabeth <elizabeth_menchaca@fws.gov>

Subject: RE: [EXTERNAL] CAL FIRE Project Notice - Lazy Oaks ERRF/NOE

Hi Sebastien and Brian,

Liz Menchaca of my staff will review this and get back to you with any questions.

Thanks,

Rick

From: Cordier, Sebastien@CALFIRE <Sebastien.Cordier@fire.ca.gov>
Sent: Thursday, March 2, 2023 4:38 PM
To: Kuyper, Richard <richard_kuyper@fws.gov>
Cc: Mattos, Brian@CALFIRE <Brian.Mattos@fire.ca.gov>
Subject: [EXTERNAL] CAL FIRE Project Notice - Lazy Oaks ERF/NOE

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Hello Rick,

Please see attached CAL FIRE project notice, biology discussion, biology species table, and two project maps. Please let me know if you have any comments or concerns with this upcoming project.

I will be out of office until 3/13/2023, Brian has some availability if you would like to respond before that.

Thank you,



Sebastien Cordier
Unit Environmental Scientist
Madera, Mariposa, Merced Unit
5366 Highway 49 North, Mariposa, CA 95338
(559) 706-8808 Cell





DEPARTMENT OF FORESTRY AND FIRE PROTECTION
1234 E. Shaw Avenue
FRESNO, CA 93710
(559) 222-3714
Website: www.fire.ca.gov



FILE INFORMATION:

INDEX: 5100
SECTION: 5180
Project Name: Lazy Oaks Hand Crew Training
Project Number(s): 4200-2023-FPL-002
File Location: Confidential Archaeological Records File
Southern Region Administration
See region Archaeologist for access

ARCHAEOLOGICAL REPORT INFORMATION:

Report Title: Archaeological Survey Report, Project Name: Lazy Oaks, Mariposa County, CA

Report Author: Sebastien Cordier

Report Date: March 23, 2023

Protective Measures / Other Recommendations:

No sites were recorded or found in the project area. The open field with the historic water tank and two flakes are over 100ft outside of the project area. The one additional flake found a little further up the watercourse has a 100ft ELZ buffer around it. The ELZ will have no mechanical equipment, scraping, chipping, or pile burning inside it, only hand crews can enter, treat, and remove woody debris.

PROJECT INFORMATION:

CDF Project Manager: Sebastien Cordier

CDF RPF: Brian Mattos

Project Size (acres): 308

Name of 7.5' USGS Quad Map: Feliciana Mtn

Name of Landowner: Mariposa County

Legal Location: T4S R18E Section 36

Funding Information: Unit Funded

Project Description:

The California Department of Forestry and Fire Protection is proposing Hand Crew Proficiency Training. Project activities will take place in the dense mixed shrubland community with some overstory oak and pine trees. Hand crew proficiency training is for crews to practice creating handlines in Spring and potentially Fall as well as pile burning during open and burn permit season. Handline construction involves cutting through dense

CONSERVATION IS WISE-KEEP CALIFORNIA GREEN AND GOLDEN

PLEASE REMEMBER TO CONSERVE ENERGY. FOR TIPS AND INFORMATION, VISIT "FLEX YOUR POWER" AT WWW.CA.GOV.

brush and a light scraping of the duff layer. Handlines are approximately a 10 feet wide saw cut with a 3 feet wide light scrape of the duff layer in the middle, and up to 300 feet long. Multiple crews will be training in this area, so multiple handlines will be made. This will allow hand crews to practice in a safe, real-world environment to get their timing and techniques ready for wildfire season. Crews may pile burn the cut shrubs for debris clean up as needed during open and burn permit season or use a chipper to treat the fuels. No healthy, mature, and scenic trees will be removed except for hazard purposes. No large (>10" DBH) trees will be removed and ladder fuels up to 12ft high will be trimmed and cleared. Snags in the project area will be checked for species presence before removal. Young trees of commercial species will be favored in thinning.

Archaeological Checklist:

	Archaeology Cleared through application of Exempt Practice(s):	
	Archaeological Survey conducted by Professional Archaeologist:	
X	Archaeological Survey conducted by person with current CDF Archaeological Training:	Sebastien Cordier Brian Mattos
	Professional Archaeologist Field Visit:	
	Archaeological Survey for previous project within site survey area previously conducted by (provide name):	
X	Archaeological Information Records Search Completed: CCaIC 12450M	3/6/2023
X	Native American Contact Undertaken: NAACL for Mariposa County, List January 1, 2023	2/17/2023
X	Archaeological Review conducted by CAL FIRE Archaeologist:	Denise Ruzicka
	Archaeological Report and supporting Documentation Completed and Filed with Appropriate IC:	CCaIC

Affiliated Documents:

	Site / Primary Records (filed separately).	N/A
X	Archaeological Survey Reports (filed separately).	
X	Cultural Clearance Letter-to-File submitted by qualified reviewing archaeologist:	Denise Ruzicka
X	Survey coverage map attached.	

Professional Archaeological Oversight:

	Undertaking qualifies as Exempt Practice(s), and is exempt from further Cultural Review.
X	The prepared Cultural Resource Survey Report conforms to CAL FIRE's Cultural Resource Review Procedures for a CAL FIRE Project and/or the cultural review process mandated in the Programmatic EIR.
X	Cultural analysis was reviewed by a Professional Archaeologist.
X	Professional Archaeologist certifies the Cultural Resource Survey Report. Lazy Oaks Hand Crew Training, as proposed, is not expected to affect cultural resources. Retain this Letter-to-File as documentation of the CAL FIRE Archaeologist's determination the prepared cultural review

assessment satisfactorily completes the cultural resources investigation and reporting requirements, per the *Cultural Resource Review Procedures for a CAL FIRE Project (v2020)*.

DocuSigned by:

Denise Ruzicka

8A79201FE4A9428...

Signature of CDF Archaeologist


Date Signed: 3/30/2023

Printed name: Denise Ruzicka

Title: Associate State Archaeologist

Location: Southern Region Headquarters
1234 E. Shaw Ave,
Fresno, CA 93710
(559) 243-4119

Warning: A non-numeric value encountered in /nfs/bronfs/uwfs/hw00/d77/nwfire/piles/index.php on line 113



Piled Fuels Biomass and Emissions Calculator

Last updated: 3/26/2014

1. DATA ENTRY MODE: **MANUAL (USE ONLINE FORM)** [Start over/change measurement system/use batch mode] [Help]

2. MEASUREMENT SYSTEM: **ENGLISH**

Pile Group Data: (Click on Group No./Name to edit given group) [Export inputs to text]

Group No.	Group Name	No. Piles	Pile Type	Pile Shape	Pile Dimensions (ft)	Soil %	Packing Ratio	Pile Composition	Pile Quality	Consumption	
1	PileGroup1	100	Hand	Half sphere	H1: 10	N/A	N/A	Shrub/Hardwood	N/A	90%	[Remove]

Pile Group Results: [Print-friendly report] [Export results to text]

Pile Group No.	Pile Group Name	Species Comp.	Wtd. Wood Density	Gross Volume (cubic ft)	Adjusted* Volume (cubic ft)	Pile Biomass (tons)	Consumed Fuel (tons)	Emissions by pollutant (tons)						
								PM	PM ₁₀	PM _{2.5}	CO	CO ₂	CH ₄	NMHC
1	PileGroup1	Shrub/HW	0.00	209,439.51	100,716.91	187.3779	168.6401	1.8466	1.3070	1.1383	6.4060	280.5675	0.4726	0.3816
TOTAL				209,439.51	100,716.91	187.3779	168.6401	1.8466	1.3070	1.1383	6.4060	280.5675	0.4726	0.3816

**Adjusted volume for hand piles is corrected to account for the difference between the gross volume of a geometric shape and the actual volume of the pile. Machine pile adjusted volume of solid wood is determined by subtracting the amount that is soil from the gross volume and applying the appropriate packing ratio.*



FERA




Pacific Wildland Fire Sciences Laboratory
Seattle



FOREST SERVICE
U.S. DEPARTMENT OF AGRICULTURE

Fire and Environmental Research Applications Team
Pacific Wildland Fire Sciences Laboratory
USDA Forest Service Pacific Northwest Research Station
400 N 34th Street, Suite 201, Seattle, WA 98103 (206) 732-7800
Contact: P.C. Eagle



JOINT FIRE SCIENCE PROGRAM

We acknowledge funding from the Joint Fire Science Program under Projects JFSP 07-2-1-57 and JFSP 10-S-02-2.

Exhibit E - Section 2 - Project Cost Analysis Summary

VMP NUMBER: 4200-2023-FPL-002

DATE: 4/4/2023

PROJECT NAME: Lazy Oaks ERRF/NOE

VMP Event Name: 0

**Section 2: PRESCRIBED BURN PLAN
PROJECT COST SUMMARY**

1. APPORTIONMENT OF Public/Private Benefit

<u>Category</u>	<u>Public Benefit</u>	<u>Private Benefit</u>
A. Fire Hazard Reduction	20	2
B. Water Yield	1	0
C. Watershed Stabilization with Respect to Large Fires	0	0
D. Wildlife Habitat Improvement	0	0
E. Fisheries Habitat Improvement	0	0
F. Air Quality Protection/improvement	2	1
G. Range Forage Improvement	0	0
Field Score Totals:	23	3

Benefit Apportionment:

CAL

FIRE NO LONGER REQUIRES A COST SHARE FOR THE COOPERATORS

88.46%

11.54%

2. COST SUMMARY

	<u>CAL FIRE</u>	<u>Cooperator</u>
A. PERSONNEL	\$1,050.00	\$0.00
B. EQUIPMENT	\$345.00	\$0.00
C. SUPPLIES	\$110.00	\$0.00
D. CASH	\$0.00	\$0.00
Sub-Totals \$	\$1,505.00	\$0.00
% No longer Required for CAL FIRE Projects.	100.00%	0.00%
TOTAL ESTIMATED PROJECT COST:	\$1,505.00	

**Department of Forestry and Fire Protection
Project Cost Summary Worksheet**

Personnel Summary

Resource	Quantity	Size	Rate	Resource cost
Fire Captain (B)	2	10 Hour	\$52.50	\$1,050.00

PERSONNEL SUB-TOTAL **\$1,050.00**

Equipment Summary

Resource	Quantity	Size	Rate	Resource cost
Emergency Crew Transport (CCV)	1	10 Hour	\$27.00	\$270.00
Pickup (daily rate)	1	1 day	\$75.00	\$75.00

EQUIPMENT SUB-TOTAL **\$345.00**

Supplies Summary

Resource	Quantity	Units	Rate	Resource cost
Torch Fuel	10	gallon	\$5.00	\$50.00
Saw Fuel	10	gallon	\$6.00	\$60.00

SUPPLIES SUB-TOTAL **\$110.00**

CASH SUB-TOTAL **\$0.00**

CALFIRE ESTIMATED TOTAL COST **\$1,505.00**

**Private Cooperator #1
Project Cost Summary Worksheet
0**

Personnel Summary

Resource	Quantity	Size	Rate	Resource cost
----------	----------	------	------	---------------

PERSONNEL SUB-TOTAL	\$0.00
----------------------------	---------------

Equipment Summary

Resource	Quantity	Size	Rate	Resource cost
----------	----------	------	------	---------------

EQUIPMENT SUB-TOTAL	\$0.00
----------------------------	---------------

Supplies Summary

Resource	Quantity	Units	Rate	Resource cost
----------	----------	-------	------	---------------

SUPPLIES SUB-TOTAL	\$0.00
---------------------------	---------------

CASH SUB-TOTAL	\$0.00
-----------------------	---------------

Cooperator # 1 ESTIMATED TOTAL COST	\$0.00
--	---------------

**Private Cooperator #2
Project Cost Summary Worksheet
0**

Personnel Summary

Resource	Quantity	Size	Rate	Resource cost
----------	----------	------	------	---------------

PERSONNEL SUB-TOTAL	\$0.00
----------------------------	---------------

Equipment Summary

Resource	Quantity	Size	Rate	Resource cost
----------	----------	------	------	---------------

EQUIPMENT SUB-TOTAL	\$0.00
----------------------------	---------------

Supplies Summary

Resource	Quantity Units	Rate	Resource cost
----------	----------------	------	---------------

SUPPLIES SUB-TOTAL	\$0.00
---------------------------	---------------

CASH SUB-TOTAL	\$0.00
-----------------------	---------------

Cooperator # 2 ESTIMATED TOTAL COST	\$0.00
--	---------------

**Private Cooperator #3
Personnel Summary**

Resource	Quantity	Size	Rate	Resource cost
----------	----------	------	------	---------------

PERSONNEL SUB-TOTAL				\$0.00
----------------------------	--	--	--	---------------

Equipment Summary

Resource	Quantity	Size	Rate	Resource cost
----------	----------	------	------	---------------

EQUIPMENT SUB-TOTAL				\$0.00
----------------------------	--	--	--	---------------

Supplies Summary

Resource	Quantity	Units	Rate	Resource cost
----------	----------	-------	------	---------------

SUPPLIES SUB-TOTAL				\$0.00
---------------------------	--	--	--	---------------

CASH SUB-TOTAL				\$0.00
-----------------------	--	--	--	---------------

Cooperator # 3 ESTIMATED TOTAL COST				\$0.00
--	--	--	--	---------------

Exhibit E - Section 3 - Environmental Checklist

NOTICE OF EXEMPTION

State of California
The Natural Resources Agency
California Department of Forestry and Fire Protection

PROJECT TITLE	Lazy Oaks		
PROJECT LOCATION	Oak Road, Midpines, CA 95345 Sec. 36 T04S R18E	COUNTY	Mariposa
LEAD AGENCY	California Department of Forestry and Fire Protection (CAL FIRE) Madera-Mariposa-Merced Unit		
CONTACT	Brian Mattos, Unit Forester Sebastien Cordier, Environmental Scientist	PHONE	(559) 706-8807
ADDRESS	5366 Highway 49 North Mariposa, CA 95338		(559) 706-8808

PROJECT DESCRIPTION

The California Department of Forestry and Fire Protection is proposing Hand Crew Proficiency Training. Project activities will take place in the dense mixed shrubland community with some overstory oak and pine trees. Hand crew proficiency training is for crews to practice creating handlines annually in Spring and potentially Fall as well as pile burning during open and burn permit season. Handline construction involves cutting through dense brush and a light scraping of the duff layer. Handlines are approximately a 10 feet wide saw cut with a 3 feet wide light scrape of the duff layer in the middle, and up to 300 feet long. Multiple crews will be training in this area, so multiple handlines will be made. This will allow hand crews to practice in a safe, real-world environment to get their timing and techniques ready for wildfire season. Crews may pile burn the cut shrubs for debris clean up as needed during open and burn permit season or use a chipper to treat the fuels. No healthy, mature, and scenic trees will be removed except for hazard purposes. No large (>10" DBH) trees will be removed and ladder fuels up to 12ft high will be trimmed and cleared. Snags in the project area will be checked for species presence before removal. Young trees of commercial species will be favored in thinning. This project is on one participating property owner land, County of Mariposa, covering 308 acres. This project is in Mariposa County, on the Feliciana Mtn. CA USGS 7.5' Quadrangle Map. Legal Description is Sec. 36 T04S R18E MDB&M. This project is located on West of Oak Road, North of Yosemite Oaks Road, East of Crystal Air Drive. The project is located approximately 0.75 miles West of Midpines, CA. Driving on Highway 140 towards Midpines, CA. Turn onto Oak Road, project area is to the West. Project elevation is between 2711 - 3614 feet.

EXEMPTION STATUS

- Categorical Exemption Type and Section: Class 4, §15304: Minor Alteration to the Land Categorical Exemption
- Statutory Exemption (state code section):
- Ministerial (§21080(b)(1); 15268)
- Declared Emergency (§21080(b)(3); 15269(a))
- Emergency Project (§21080(b)(4); 15269(b)(c))

REASONS PROJECT IS EXEMPT

The project meets the requirements of Class 4, §15304: Minor Alteration to the Land Categorical Exemption to CEQA. Class 4 includes minor public or private alterations in the conditions of land, water, and/or vegetation which do not involve removal of healthy, mature, and scenic trees except for forestry and agricultural purposes. Minor temporary use of land having negligible or no permanent effects on the environment.

Field review by CAL FIRE staff confirmed that no exceptions apply that would preclude the use of a notice of exemption for this project. The Department has concluded that no significant environmental impact would occur to aesthetics, agriculture and forestland or timberland, air quality, biological resources, cultural resources, energy, geology and soils, greenhouse gas emissions, hazards and hazardous materials, hydrology and water quality, land use planning, mineral resources, noise, population and housing, public services, recreation, transportation or traffic, utilities, and service systems, or to wildfire. Documentation of the environmental review completed by the Department is kept on file at CAL FIRE Mariposa Headquarters at 5366 State Highway 49 North, Mariposa CA 95338.

DATE RECEIVED FOR FILING

DocuSigned by:

3/30/2023

John McElroy, Assistant Deputy Director
California Department of Forestry and Fire Protection

Date


STATE OF CALIFORNIA
 DEPARTMENT OF FORESTRY AND FIRE PROTECTION
COMMUNICATIONS CLEARANCE
 CAL FIRE 330 (NEW 6/07) Page 1 of 2

COMMUNICATIONS CLEARANCE

SECTION I Page 1 of 1 DATE: 03/30/2023

<p>FROM: Originator/Author</p> <p>NAME: Gretchen Woessner</p> <p>DIVISION/BRANCH: Sr Environmental Scientist Specialist</p> <p>PHONE: 916-203-0357</p>	<p>SUBJECT: NOE approval for hand crew proficiency training project by the Madera Mariposa Merced Unit</p>
<p>ACTION REQUESTED:</p> <p><input checked="" type="checkbox"/> Sign</p> <p><input type="checkbox"/> Review/Comment</p>	<p><input type="checkbox"/> SIMULTANEOUS REVIEW</p> <p>PURPOSE (Brief statement): NOE for hand work training; includes trimming and clearing vegetation, pile burning, and hand line construction in Mariposa County</p>
<p>DUE DATE: ASAP</p> <p>TRACKING NUMBERS (Director's, Unit, etc.) If applicable</p> <p>_____</p> <p>_____</p>	

SECTION II. Originator must route to all potentially affected parties BEFORE sending to Director's Office.

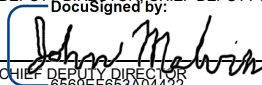
DESIGNATED REVIEWER(S) <i>route in numerical order</i>	Reviewer's Initials		Date	
	1 st reviewer	2 nd reviewer		
1. John Melvin, Assistant Deputy Director			3/30/2023	
2.				
3.				
4.				
5.				
6.				
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SECTION III. DISTRIBUTION

This document to be distributed: STANDARD U.S. MAIL INTERAGENCY MAIL CAL FIRE WEBSITE INTRANET EMAIL FAX OVERNIGHT MAIL

COMMENTS Approval is high priority; training for newly hired hand crews will commence upon approval.

SECTION IV. FINAL APPROVALS: (Signature & Date)

<p>DEPUTY DIRECTOR, CHIEF DEPUTY DIRECTOR, OR DIRECTOR</p> <p>DocuSigned by: </p> <p>DATE: 3/30/2023</p>	<p><input type="checkbox"/> URGENT</p> <p>Please call for pick-up:</p>
<p>CHIEF DEPUTY DIRECTOR</p> <p>DATE:</p>	<p>NAME:</p>
<p>DIRECTOR</p> <p>DATE:</p>	<p>PHONE:</p>