Effectiveness Monitoring Committee
Full Project Proposal

Deadline for Submission: July 5, 2023

Project #: EMC-2023-003 **Date:** July 5, 2023

Project Title: Pre- and Post-Harvest Fuel Loads and Implications for Site Productivity

Principle Investigator: John D. Bailey
Oregon State University, College of Forestry
[redacted]

Collaborators: Sal Chinnici [redacted] Joshua Petitmermet [redacted]

Mendocino and Humboldt Redwood Co.
125 Main Street
Scotia, CA 95565

Contact Information: Grant administration:

Hayley Ross
Mendocino and Humboldt Redwood Co.
[redacted]

Project Duration: 2 years/3 months

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1. Background and Justification

Unusually large and intense wildfires have dramatically altered California's forests in recent years, affecting many ecosystem services including wildlife habitat, carbon storage, and wood supplies. Current management practices variably include surface fuels reduction treatments intended to reduce per-unit wildfire hazard and associated damage/loss. In sum, per-unit treatments contribute to landscape wildfire risk reduction by creating breaks in landscape-scale fuel continuity to limit fire severity and elevate suppression success where needed.

For commercial timber harvesting projects, California Forest Practice Rules (FPRs) include limited requirements for reducing activity fuels (slash) on the forest floor including, for example,

adjacent to structures and along roads open to the public (FPRs 2023). However, few studies have systematically quantified fuel loads both with and without prescribed surface/ladder fuels treatments and connected those effects on future stocking and stand biomass growth.

This study aims to fill this gap by conducting both pre- and post-harvest measurements of fuel loads resulting from commonly used silvicultural practices and using established sampling methods for long-term monitoring beyond this project's duration. Results of this study will feed into the adaptive management framework of the EMC and help inform Board of Forestry policy and regulations.

2. Objectives and Scope

In partnership with Humboldt and Mendocino Redwood Companies, Oregon State University will conduct a systematic pre-and post-harvest fuel loading study to understand how commonly applied forest management regimes combined with prescribed fuels reduction treatments affect fuels loading and associated wildfire hazard, tree regeneration, and site productivity/health. We will measure and compare stand conditions and fuels hazard in pre- and post-harvest forest stands, with and without prescribed fuels treatments, and quantify/contrast these effects on unit wildfire hazard, tree regeneration, and stand growth.

Our proposed research investigates:

- How many tons per acre of fuels exist pre- and post-harvest given several commonly applied regional silvicultural regimes (i.e., “archetypes”)?
- Are FPR fuels treatment requirements effective in reducing fire hazard in the near term and subsequent wildfire risk following these archetypical silvicultural methods, while also providing for adequate stocking, growth, and stand health?

Our study will improve understanding of the effectiveness of current management practices to reduce unwanted wildfire impacts while maintaining sustainable forest management practices. This project would link broad, untested ideas about the implementation and effectiveness of emerging fuels treatments with actual, on-the-ground operations (implementation monitoring) and data (effectiveness monitoring) focused on wildfire hazard reduction and stand growth/health/sustainability on a per management unit basis. This near-term data is fundamental to any long-term landscape-scale wildfire risk reduction in aggregate and extends well beyond traditional thinning-from-below, mastication and pile burning treatments.

3. Critical Questions and Forest Practice Regulations Addressed

Theme 6: Wildfire Hazard

Are the FPRs and associated regulations effective in…

a) treating post-harvest slash and slash piles to mitigate fuel hazard, modify fire behavior and reduce wildfire risk?	Our proposed research investigates how many tons per acre of fuels exist pre- and post-harvest given several commonly applied regional silvicultural regimes.
b) treating post-harvest slash while retaining wildlife habitat structures, including snags and large woody debris?	Fixed-area plots will be augmented with basal area points and fuels transects as needed to develop custom fuel models for projecting fire behavior. We will include measures of deadwood structures for habitat, including herbicide-treated hardwoods in "frilled"' stands.
c) managing fuel loads, vegetation patterns and fuel breaks for landscape-level fire hazard reduction and risk mitigation?	Our study will use a before-after control-impact (BACI) design to contrast fuels hazard associated with common silvicultural methods (e.g., Selection, Variable Retention, and Commercial Thinning) each in combination with and without understory fuels reduction treatments. A preliminary landscape-level wildfire risk assessment integrates this per-unit fuel hazard information over space with topographic position, weather patterns, and probable ignition sources. It includes an initial (available) values layer (i.e., timber, water, habitat, and human structures) for assessing the probable impacts of wildfires. It is only an initial step to design potential operational delineations for fire suppression and priority fuel mitigation treatment areas.
d) managing forest structure and stocking standards over time to promote and maintain wildfire resistance and resilience? ***(EMC Thematic question for Fiscal Year 2023/2024 funding)****.*	This project will follow multiple replicate harvest units from pre-harvest to post-harvest to determine if site development (regeneration) and productivity has been affected by slash/fuels treatment and vegetation management conducted for wildfire hazard mitigation.

Theme 12: Resilience to Disturbance in a Changing Climate

Are the FPRs and associated regulations effective in …

a) improving overall forest wildfire resilience and the ability of forests to respond to climate change (e.g., in response to drought or bark beetle; reducing plant water stress)?	Our study will improve understanding of the effectiveness of common management practices to reduce unwanted wildfire impacts, particularly when combined with prescribed fuels treatments. This project would link untested ideas about the effectiveness of fuels treatments with on-the-ground operations and resultant data about hazard reduction and growth/health on a per-unit basis, a foundation for landscape-scale wildfire risk reduction in aggregate.

Forest Practice Rules and Regulations:

14 CCR § 912.7, 932.7, 952.7 *Resource Conservation Standards for Minimum Stocking*	This FPR establishes standards for minimum acceptable stocking of commercial tree species in the Coast Forest District after timber operations have been completed. The amount of slash remaining post-harvest can impact stocking. Our study seeks to investigate if FPR fuels treatment requirements are effective in reducing fire hazard in the near term and wildfire risk overall following common silvicultural regimes, while providing for adequate stocking, growth, and stand health.
14 CCR § 913 *Silvicultural Objectives*	The objectives of this FPR are to describe standard silvicultural systems and to provide alternatives that shall meet the objectives of the Forest Practice Act (FPA) (PRC 4512 and 4513), including adequate stocking levels post-harvest. Before- and after-treatment fuel measurements and hazard modeling will inform the effectiveness of fire hazard reduction in target uneven-aged, intermediate, and special prescription silvicultural methods (913.2 (a) Selection, 913.3 (a) Commercial Thinning, and 913.4 (d) Variable Retention), and should also inform 913.4 (c) Fuelbreak/Defensible Space.
14 CCR § 917, 937, 957 *Hazard Reduction*	This FPR provides standards for the treatment of snags and logging slash to reduce fire and pest safety hazards in the logging area, to protect the area from potential insect and disease attack, and to prepare the area for reforestation. Our study will test the efficacy of slash/fuels treatment (required under 917.2 within the plan area, and adjacent to public roads and structures) in harvest units utilizing the target silvicultural methods.
14 CCR § 1038.3 *Forest Fire Prevention Exemption*	This article of the FPRs provides that those engaged in the cutting or removal of trees for the purpose of reducing flammable materials are exempt from the plan preparation and submission requirements, as well as the completion and stocking report requirements of the FPA. The article contains requirements for treatment of slash and woody debris. Before- and after-treatment fuels measurements and hazard modeling will inform the effectiveness of harvests operating under a Forest Fire Prevention Exemption 1038.3, where extensive slash/fuels treatments are conducted following stand thinning, like a Commercial Thinning.

4. Research Methods

Site selection on HRC/MRC (Figure 1) will follow planned, operational harvests opportunistically, many of which are already scheduled for treatment and contracted for the coming year – a strength given the abbreviated time for this research. *If funded*, targeted additional sites will be added as needed during year 2 to provide sufficient replication within silvicultural treatments (e.g., Selection, Commercial Thinning, and Variable Retention, detailed later) across

representative northern California landscape conditions and stand types to provide meaningful inferential space to the results. Overstory treatment effectiveness addresses forest health, wildlife habitat and long-term sustainability directly, with indirect connections to stocking success and surface fuels hazard.

Surface fuels reduction treatments will be implemented operationally within nested, replicated subunits of each overstory harvest unit; smaller units will be divided in half randomly, but larger units could potentially have multiple fuels reduction areas at appropriate operational scales (e.g., fuels treatments along roads and nearer to the WUI). Stocking and surface fuels hazard are directly impacted by these understory treatments, and interact with overstory conditions to drive wildfire behavior, risk and long-term productivity, and sustainability.

Experimental Design:

Our study will use a before-after control-impact (BACI) design to contrast fuel hazard associated with the target silvicultural treatment groups, each in combination with/without subsequent understory fuels reduction treatments (Figure 2). Beginning with pre-treatment data collection, we will use standard mensuration methods for overstory and understory vegetation sampling; measuring surface and ladder fuels and calculating tons per acre will follow Brown (1974) and Snell and Brown (1980) to augment classification into standard fuel models.

We will use 4-10 plots per stand depending on the amount of stand-level variability (i.e., similar Coefficients of Variation), since Commercial Thinning treatments produce less variability than Selection treatments; stands are the experimental unit with nested sub-units. Fixed-area sample plots will be augmented with both basal area points and fuels transects as needed to develop custom fuel models linked to overstory and understory stand condition for projecting fire behavior. We will include standard measures of deadwood structures, including those in herbicide-treated hardwoods in “frilled”’ stands. We will thoroughly photo document all plots, points and transects; we will field-assign and photo document fuel models to aid in the narrative development relative to these management regimes, surface fuels and effectiveness.

Only a Phase I (preliminary) assessment of landscape wildfire risk will be possible on this two-year timeline; that assessment will integrate this new fuel hazard data/information over space with topographic position of several planned harvest operation scenarios, combined with common weather patterns and probable ignition locations; the objective is to estimate wildfire risk across a range of potential future treatment intensities and fire weather scenarios. Subsequent risk assessment work would expand these scenarios and, more importantly, refine a values layer (i.e., timber, water, habitat, and human structures) for assessing the probable impacts of future wildfires. This future detailed wildfire risk assessment would facilitate the design of potential operational delineations (PODs) for priority fuel mitigation treatment areas, forest plans, and fire suppression planning.

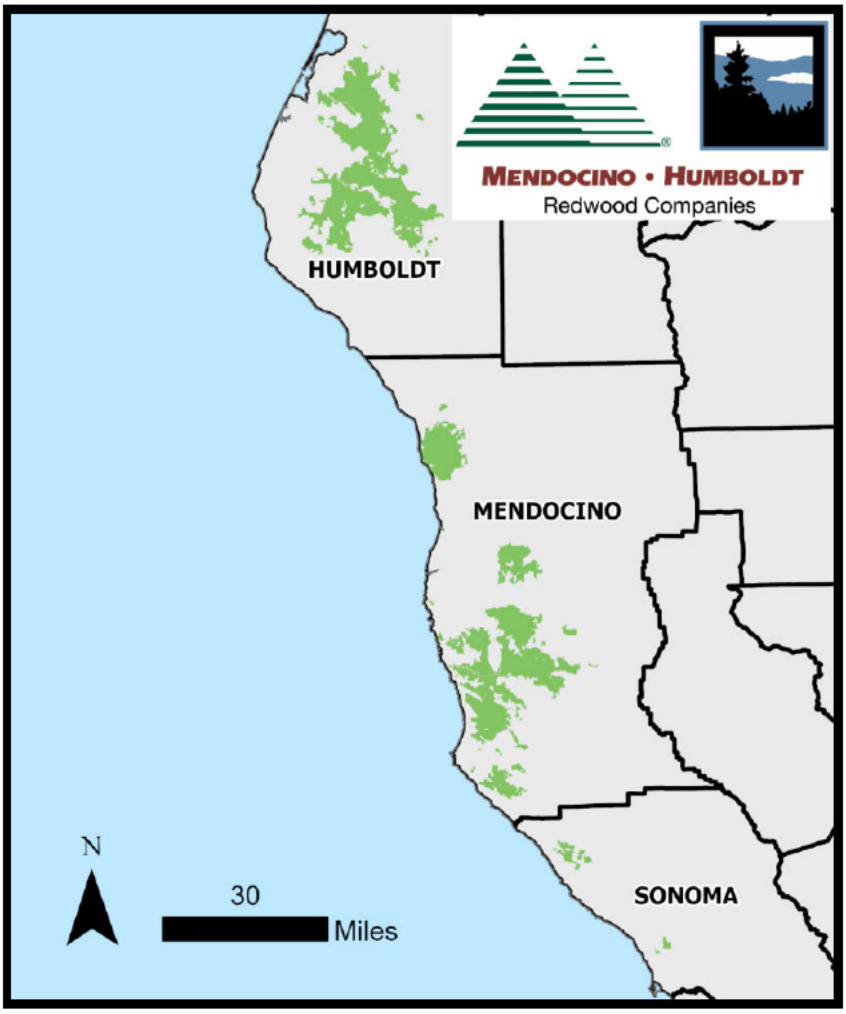

Figure 1. Map of Mendocino Companies timberlands, located in Humboldt, Mendocino, and Sonoma Counties. The timberlands together comprise over 440,000 acres of redwood and mixed conifer forest managed for long-term sustainable timber production.

	Variable structure, lowest canopy connectivity	*Moderate*	*Most uniform structure, highest canopy connectivity*
HIGH FUEL HAZARD	Variable Retention[1] without fuels reduction	Selection[2] without fuels reduction	Commercial Thinning[3] treatments without fuels reduction
LOW FUEL HAZARD	Variable Retention **with** fuels reduction	Selection **with** fuels reduction	Commercial Thinning treatments **with** fuels reduction

[1] Variable Retention: A Special Prescription based on the retention of variable sizes of tree clumps, low density areas, and openings for regeneration while retaining structural elements and biological legacies from the pre-harvest stand for integration into the post-harvest stand (FPRs 2023).

[2] Selection: Uneven-aged management (primarily in redwood dominated stands) in which trees of different age and size classes are removed in small groups or individually in order to stimulate the growth of residual trees, provide smaller openings for regeneration, and create canopy fuel breaks (i.e., reduced canopy bulk density and increased height to the base of live crowns), A range of 50 to 125 square feet per acre of basal area is to be retained depending in site class (FPRs 2023).

[3] Commercial Thinning: an intermediate stand treatment in young, even-aged plantations in which trees are removed to maintain or increase average stand diameter of the residual crop trees, promote timber growth, and/or improve forest health and wildfire resistance as with other canopy treatments. A range of 50 to 125 square feet per acre of basal area is to be retained depending on site class (FPRs 2023).

Figure 2. The study will use a before-after-control-impact (BACI) study design using silvicultural treatments e.g., Selection, Commercial Thinning and Variable Retention, each in combination with fuels reduction treatments. Fuels reduction treatments are appropriate to site conditions and operational constraints, and may include pruning and slashing, piling activity fuels, pile burning, broadcast burning, and mastication.

5. Scientific Uncertainty and Geographic Application

This study seeks to answer important questions regarding how common sustainable forest management practices affect wildfire hazard, tree regeneration and site productivity during a period of a warming climate and increased environmental stress. The three archetype overstory treatments will be well understood by the end of this project; Commercial Thinning is expected to homogenize stand conditions. Most uncertainty will arise from variability in site conditions, particularly for the extensive range of conditions to which Commercial Thinning treatments might be applied, and from variations in surface fuels treatments due to site conditions and

operational limitations. However, it is crucial to collect some of this baseline data on the effectiveness of surface fuels treatments within these common management regimes given both operational and climatic uncertainty. Our sampling range will attempt to span conditions over common management situations; the preliminary risk assessment scenarios will span additional treatment intensities and climatic conditions.

Our results will be directly applicable to the Coast District but may also be applicable to the Northern and Southern districts depending on tree species and silvicultural similarities. Research and monitoring locations would include Humboldt Redwood Company (HRC) lands in Humboldt County, CA (~210,000 acres) and Mendocino Redwood Company (MRC) Lands in Mendocino and Sonoma Counties, CA (~240,000 acres).

6. Collaborations and Project Feasibility

Oregon State University will provide the PI, who is responsible for project oversight, Research Assistant (and summer students/technicians) hiring/training, and all progress reports and deliverables. Humboldt and Mendocino Redwood Companies will provide access to site data, operational planning/oversight of silvicultural treatments, and field assistance with plot measurements.

Principal investigator John Bailey, Professor of Silviculture and Fire Management in OSU's College of Forestry, specializes in characterizing the effects of fuels treatments on wildfire risk and forest health. His research focuses on using traditional and experimental silviculture practices to achieve a spectrum of management objectives, including sustainable wood production and wildlife habitat.

Humboldt Redwood Company and its sister company, Mendocino Redwood Company, own and manage approximately 440,000 acres across three North Coast counties, with timber harvest activity covering an average of 9,600 acres per year. The ownership provides ample and varied locations for sampling within planned treatment areas, with a high degree of certainty of operations timing and access to study sites.

Project feasibility is considered high given the ongoing management operations of applicable forests in northern California (a large and stable study area), existing knowledge/experience of the collaborators (both companies and the university), availability of and access to a land base for treatments and research plots, established sampling methodologies, some existing relevant stand data, and the pressing need to gather data and advance the science in this area.

7. Project Deliverables

Deliverable	Description	Approximate delivery date
Pre-harvest Fuels Summary Report 1	A synthesis of the study design demonstrating the range of applicable forest types and treatments across the northern CA landscape	March 2025
Pre- to Post-Harvest Summary Report 2	A synthesis of the impact of fuels reduction treatments on fuel models, wildfire hazard, stocking, productivity, and forest health/habitat conditions	December 2025
Phase I Wildfire Risk Assessment	Spatial analysis of potential wildfire flow at landscape scales and associated risk to natural and human resources	March 2026
Journal manuscript	Manuscript version of treatment effectiveness for both hazard and risk reduction	March 2026 +

Deadline for Submission: July 5, 2023

8. Detailed Project Timeline

	2023/24				2024/25				2025/26		
Task	*Q1**	*Q2*	*Q3*	*Q4*	*Q1*	*Q2*	*Q3*	*Q4*	*Q1*	*Q2*	*Q3*
Site selection (*initially performed as in-kind, begins with award notification*)											
Pre-harvest field data collection (*initially as in-kind, begins with award notification*)											
Pre-harvest data analysis; year 1 add sites							SR1				
Post-harvest field data collection											
Post-harvest data analyses/comparisons										SR2	
Hazard syntheses/comparisons											
Preliminary wildfire risk assessment											
Final Report completion; manuscript											

*Q1: First Quarter of Fiscal Year 2023/2024 - July, August, and September; Q3 has limited site access for many areas.

SR = Summary Report deliverable

9. Requested Funding

Category	Description	Fiscal Year 1	Fiscal Year 2	Fiscal Year 3	Total
Personnel	PI - Research direction/oversight	$8,962	$9,231	$4,754	$22,947
	OSU Research assistant	$37,080	$38,192	$19,669	$94,941
	HRC/MRC personnel - Project support	$2,222	$4,444	$3,333	$10,000
Fringe Benefits	PI - Research direction/oversight	$4,391	$4,708	$2,520	$11,619
	OSU Research assistant	$23,360	$24,825	$13,178	$61,363
Other	Publication costs			$1,500	$1,500
Operating Expenses	Supplies	$2,040	$2,000		$4,040
Travel	Travel expenses	$9,699	$10,625	$2,824	$23,148
Indirect Cost	12%	$9,367	$10,008	$5,395	$26,347
Total Cost		$97,121	$104,033	$53,173	$255,905
Matching or In-Kind Contributions	Project support - HRC/MRC personnel	$2,222	$4,444	$3,333	$10,000
EMC Funding Requested		$94,899	$99,589	$49,840	$245,905

10. References

Brown, James K. 1974. Handbook for inventorying downed woody material. Gen. Tech. Rep. INT-16. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station. 24 pp.

California Department of Forestry and Fire Protection. 2023. California Forest Practice Rules 2023. Title 14, California Code of Regulations Chapters 4, 4.5, and 10. California Department of Forestry and Fire Protection, Resource Management, Forest Practice Program. Sacramento, CA. 432 pp.

Snell, J.A. Kendall; Brown, James K. 1980. Handbook for predicting residue weights of Pacific Northwest conifers. Gen. Tech. Rep. PNW-GTR-103. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station. 51 pp.

11. Appendices

The following items are attached to this proposal.

- **Employer Identification Number** – Proof of active business registration with the California Secretary of state
- **Letters of support** – if collaborations or partnerships are noted in the proposal, letter of support or other forms of evidence that partners are aware of and in support of the proposed project should be provided. Applicants should clearly indicate what work will be completed with partners with funds from this solicitation if partnerships are noted.
- **Nondiscrimination Compliance Statement** (form STD19)
- **Drug Free Workplace Certification** (Form STD21)
- **Payee Data Record** (Form STD204)
- **System for Award Management** – must have active registration in SAM to apply. Active registration must be maintained throughout life of award. Must include screenshot of Sam registration page in application appendices to be eligible.

Business License

County of Humboldt

Eureka, California

LICENSE NUMBER

013553

JOSH MONSON
HUMBOLDT REDWOOD CO, LLC
PO BOX 390
CALPELLA, CA 95418-0436

This License is issued to:

Business Name: **HUMBOLDT REDWOOD CO, LLC**
Owner Name(s): Contact - JOSH MONSON

This License Valid Only at the Following Location(s)

125 MAIN ST
SCOTIA, CA 95565

Type of business activity to be transacted:

REAL ESTATE / FORESTRY

TYPE	ISSUED	EXPIRES
Storefront	07/07/2022	10/01/2023

Starting January 1, 2021, Assembly Bill 1607 requires the prevention of gender-based discrimination of business establishments. A full notice is available in English or other languages by going to: https://www.dca.ca.gov/publications/

This License Must Be Displayed in Public View

Entity Details

Entity Name: Humboldt Redwood Company, LLC

CSC Entity ID: 2716967

Jurisdiction of Formation: Delaware

Formation Date: 05/06/2008

Return to Entity Grid

Entity Details

Jurisdiction Details - California

Statutory Representation

Registered With:	Secretary Of State
Authorization Date:	06/27/2008
Jurisdiction ID:	200818010179
Registered Agent:	Corporation Service Company Which Will Do Business In California As CSC-Lawyers Incorporating Service 2710 Gateway Oaks Drive, Suite 150N, Sacramento, CA, 95833-3505
Jurisdiction Status:	Active
Corporate Database Status:	Active
Jurisdiction Description:	
Status Filed Date:	

Note: The Corporate Database Status is obtained from the Secretary of State or equivalent corporation department (US only) display the status with the most recent date on the Jurisdiction and Corporate Tracker grids.

Additional Details

FULL 6 (d)(i)

Oregon State University
College of Forestry

Memorandum

College of Forestry – Silviculture and Fire Labs
Department of Engineering, Resources and Management

July 5, 2023

TO: The California Board of Forestry Effectiveness Monitoring Committee

FROM: John Bailey, Professor of Silviculture and Fire Management

RE: Support for the proposed study: ***EMC-2023-003***

This memorandum specifies my full support as Principal Investigator for the proposed study: ***"Pre- and Post-Harvest Fuel Loads and Implications for Site Productivity"***. There are few existing studies that have quantified fuels hazards associated with commonly used management approaches on private lands in northern California, both with and without surface/ladder fuels treatments. These treatment options impact sustainable forest management going forward in terms of future stocking and stand growth, plus a range of ecosystem services like wildlife habitat. However, the physical and conceptual landscape within which we manage these stands is changing quickly with unprecedented climatic patterns, impacts to forest health, and increasingly likely associated wildfire. The proposed study would provide important baseline information on the effectiveness of current management practices and Forest Practice Regulations to reduce unwanted wildfire impacts on private lands – the thematic question for FY2023-24.

I have collaborated closely with Mendocino and Humboldt Redwood Company in the development of the research concept and ultimate proposal; if funded, I will work closely with them to complete the research and deliver results, required reports and an associated scientific manuscript. Study sites will be on their working forestlands in Humboldt and Mendocino County, CA. Oregon State University is a premier forestry research institution and well situated to contribute to this project.

MENDOCINO • HUMBOLDT
Redwood Companies

June 16, 2023

RE: Proposed study of Pre- and Post-Harvest Fuel Loads and Implications for Site Productivity.

To: The California Board of Forestry Effectiveness Monitoring Committee

The purpose of this letter is to indicate our support for the proposed pre- and post-harvest fuel loads study referenced above. There are few existing studies that have quantified fuel loads both with and without surface/ladder fuels treatments resulting from common harvest techniques and connected those effects on future stocking and stand growth. The proposed study would provide important information on the effectiveness of current management practices to reduce unwanted wildfire impacts.

On this study we will collaborate with John Bailey, Ph.D., Professor of Silviculture and Fire Management in Oregon State University's College of Forestry. Dr. Bailey specializes in characterizing the effects of fuel treatment on fire risk and forest succession. Study sites will be on our working forestlands in Humboldt and Mendocino County, CA.

Accordingly, the Humboldt and Mendocino Redwood Companies will commit approximately $10,000 in kind (non-cash) support to Dr. Bailey's proposal. Specifically, HRC/MRC staff will provide access, help with the field sampling, and provide other needed logistical support during this study.

Please feel free to contact me if you have any questions regarding our support for this proposal.

Sincerely,

Sal Chinnici
Director, Forest Sciences
Mendocino and Humboldt Redwood Companies

Post Office Box 712, Scotia, CA 95565 – Tel. (707) 764-4299

STATE OF CALIFORNIA

NONDISCRIMINATION COMPLIANCE STATEMENT

STD. 19 (Rev. 10/2019)

COMPANY NAME

Humboldt Redwood Company, LLC

The company named above (herinafter referred to as "prospective contractor") hereby certifies, unless specifically exempted, compliance with Government Code Section 12990 (a-f) and California Code of Regulations, Title 2, Division 4, Chapter 5 in matters relating to reporting requirements and the development, implementation and maintenance of a Nondiscrimination Program. Prospective contractor agrees not to 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), medical condition (cancer), age (over 40), marital status, denial of family care leave and denial of pregnancy disability leave.

CERTIFICATION

I, the official named below, hereby swear that I am duly authorized to legally bind the prospective contractor to the above described certification. I am fully aware that this certification, executed on the date and in the county below, is made under penalty of perjury under the laws of the State of California.

OFFICIAL'S NAME

Jim Pelkey

DATE EXECUTED	EXECUTED IN THE COUNTY OF
06/30/2023	Sonoma

PROSPECTIVE CONTRACTOR'S SIGNATURE

J. Pelkey

PROSPECTIVE CONTRACTOR'S TITLE

Chief Financial Officer

PROSPECTIVE CONTRACTOR'S LEGAL BUSINESS NAME

Humboldt Redwood Company, LLC

STATE OF CALIFORNIA

DRUG-FREE WORKPLACE CERTIFICATION

STD. 21 (Rev. 10/2019)

CERTIFICATION

I, the official named below, hereby swear that I am duly authorized legally to bind the contractor or grant recipient to the certification described below. I am fully aware that this certification, executed on the date below, is made under penalty of perjury under the laws of the State of California.

CONTRACTOR/BIDDER FIRM NAME	FEDERAL ID NUMBER
Humboldt Redwood Company, LLC	26-2635546
BY *(Authorized Signature)*	DATE EXECUTED
	06/30/2023
PRINTED NAME AND TITLE OF PERSON SIGNING	TELEPHONE NUMBER *(Include Area Code)*
Jim Pelkey	(707) 620-2978
TITLE	
Chief Financial Officer	
CONTRACTOR/BIDDER FIRM'S MAILING ADDRESS	
PO Box 390, Calpella CA 95418	

The contractor or grant recipient named above hereby certifies compliance with Government Code Section 8355 in matters relating to providing a drug-free workplace. The above named contractor or grant recipient will:

1. Publish a statement notifying employees that unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance is prohibited and specifying actions to be taken against employees for violations, as required by Government Code Section 8355(a).

2. Establish a Drug-Free Awareness Program as required by Government Code Section 8355(b), to inform employees about all of the following:

   (a) The dangers of drug abuse in the workplace,

   (b) The person's or organization's policy of maintaining a drug-free workplace,

   (c) Any available counseling, rehabilitation and employee assistance programs, and

   (d) Penalties that may be imposed upon employees for drug abuse violations.

3. Provide as required by Government Code Section 8355(c), that every employee who works on the proposed contract or grant:

   (a) Will receive a copy of the company's drug-free workplace policy statement, and

   (b) Will agree to abide by the terms of the company's statement as a condition of employment on the contract or grant.

4. At the election of the contractor or grantee, from and after the "Date Executed" and until _____ (DATE) (NOT TO EXCEED 36 MONTHS), the state will regard this certificate as valid for all contracts or grants entered into between the contractor or grantee and this state agency without requiring the contractor or grantee to provide a new and individual certificate for each contract or grant. If the contractor or grantee elects to fill in the blank date, then the terms and conditions of this certificate shall have the same force, meaning, effect and enforceability as if a certificate were separately, specifically, and individually provided for each contract or grant between the contractor or grantee and this state agency.

Print Form | Reset Form

STATE OF CALIFORNIA – DEPARTMENT OF FINANCE

PAYEE DATA RECORD

(Required when receiving payment from the State of California in lieu of IRS W-9 or W-7)

STD 204 (Rev. 03/2021)

Section 1 – Payee Information

NAME (This is required. Do not leave this line blank. Must match the payee's federal tax return)

HUMBOLDT REDWOOD COMPANY LLC

BUSINESS NAME, DBA NAME or DISREGARDED SINGLE MEMBER LLC NAME (If different from above)

MAILING ADDRESS (number, street, apt. or suite no.) (See instructions on Page 2)

PO BOX 390

CITY, STATE, ZIP CODE	E-MAIL ADDRESS
CALPELLA, CA 95418	darms@mendoco.com

Section 2 – Entity Type

Check one (1) box only that matches the entity type of the Payee listed in Section 1 above. (See instructions on page 2)

- ☐ **SOLE PROPRIETOR / INDIVIDUAL**
- ☐ **SINGLE MEMBER LLC** *Disregarded Entity owned by an individual*
- ☐ **PARTNERSHIP**
- ☐ **ESTATE OR TRUST**

CORPORATION (see instructions on page 2)

- ☐ **MEDICAL** *(e.g., dentistry, chiropractic, etc.)*
- ☐ **LEGAL** *(e.g., attorney services)*
- ☐ **EXEMPT** *(e.g., nonprofit)*
- ☒ **ALL OTHERS**

Section 3 – Tax Identification Number

Enter your Tax Identification Number (TIN) in the appropriate box. The TIN must **match** the name given in Section 1 of this form. Do not provide more than one (1) TIN. The TIN is a 9-digit number. **Note:** Payment will not be processed without a TIN.

- For **Individuals**, enter SSN.
- If you are a **Resident Alien**, and you do not have and are not eligible to get an SSN, enter your ITIN.
- Grantor Trusts (such as a Revocable Living Trust while the grantors are alive) may not have a separate FEIN. Those trusts must enter the individual grantor's SSN.
- For **Sole Proprietor or Single Member LLC (disregarded entity), in which the sole member is an individual**, enter SSN (ITIN if applicable) or FEIN (FTB prefers SSN).
- For **Single Member LLC (disregarded entity), in which the sole member is a business entity**, enter the owner entity's FEIN. Do not use the disregarded entity's FEIN.
- For all other entities including LLC that is taxed as a corporation or partnership, estates/trusts (with FEINs), enter the entity's FEIN.

Social Security Number (SSN) or Individual Tax Identification Number (ITIN)

___ ___ ___ - ___ ___ - ___ ___ ___ ___

OR

Federal Employer Identification Number (FEIN)

2 6 - 2 6 3 5 5 4 6

Section 4 – Payee Residency Status (See instructions)

☒ **CALIFORNIA RESIDENT** – Qualified to do business in California or maintains a permanent place of business in California.

☐ **CALIFORNIA NONRESIDENT** – Payments to nonresidents for services may be subject to state income tax withholding.

☐ No services performed in California

☐ Copy of Franchise Tax Board waiver of state withholding is attached.

Section 5 – Certification

I hereby certify under penalty of perjury that the information provided on this document is true and correct. Should my residency status change, I will promptly notify the state agency below.

NAME OF AUTHORIZED PAYEE REPRESENTATIVE	TITLE	E-MAIL ADDRESS
DEANNA ARMS	ACCOUNTING SUPERVISOR	darms@mendoco.com

SIGNATURE	DATE	TELEPHONE *(include area code)*
Deanna Arms	4-6-2023	707-485-6750

Section 6 – Paying State Agency

Please return completed form to:

STATE AGENCY/DEPARTMENT OFFICE		UNIT/SECTION	
MAILING ADDRESS		**FAX**	**TELEPHONE** *(include area code)*
CITY	**STATE**	**ZIP CODE**	**E-MAIL ADDRESS**

FULL 6 (d)(i)

SAM Unique Entity ID

HUMBOLDT REDWOOD CO LLC ● Active Registration

Unique Entity ID:
LHNXV3574DU5

Doing Business As:
(blank)

Purpose of Registration:
All Awards

Expiration Date
Jun 19, 2024

CAGE/NCAGE:
5BXQ3

Physical Address:
125 MAIN ST
SCOTIA, CA 95565-9743 USA