



RESTOCKING PLAN
FOR
APN 522-023-001

April 30, 2020

165 South Fortuna Blvd
Fortuna, CA 95540
707-725-1897
707-725-0972 Fax
trc@timberlandresource.com

Restocking Plan

Restocking Area: See attached Restocking Plan Map

Site	Total Acreage	# Trees at 10'x10' Spacing
Cultivation Site 1	0.04	17
Cultivation Site 4	0.60	261
Cultivation Site 6	0.40	174
Totals:		452

Site Preparation: Site preparation is commonly utilized to facilitate timber stand establishment. The primary objective of this practice is to create an area suitable for planting seedlings and establishing a new stand of trees. Site preparation activities remove or reduce competing vegetation, reduce or remove unwanted trees and logging debris, and prepare the soil to ultimately promote the growth and survival of desired tree species. There are many methods of site preparation that fall under either chemical or mechanical site preparation. Subsoiling/ripping is a mechanical site prep method for heavy soils on cutover timberlands or agricultural lands that have a compacted layer at or below the soil surface that limits root growth and development. Subsoiling/ripping increases aeration and water-holding capacity of compacted soils and breaks up root restricting hardpans and/or traffic pans. Chemical preparation includes broadcast and directed herbicide application.

Recommendation: Prior to planting, treat all logging slash surrounding Cultivation Site 4 and Cultivation Site 6 per 14CCR 1104.1(a)(2)(D). No site preparation is needed at any of the planting sites. None of the three sites were graded or compacted with heavy equipment.

Types of Seedlings: Harvested and/or understocked timberlands should be artificially regenerated with naturally-occurring conifer species and cultivars well-adapted to the timber stand's specific climate, elevation, and other environmental conditions. Planting seedlings from appropriate seed zones and elevation ranges ensures better seedling success and, eventually, a more resilient timber stand. Specifically, timberland within the property is characterized by Douglas-fir with a minor component of white fir and incense cedar. The areas to be planted occur within California Seed Zone 303 at approximately 3,000 feet in elevation.

Recommendation: The landowner shall plant Douglas-fir, white fir, or incense cedar seedlings or a combination thereof (best suited for Seed Zone 303 at 3,000-foot elevation) at a uniform spacing no less than 10-feet by 10-feet, or 435 trees per acre.

Most conifer seedlings that come from nurseries are available in two forms: bareroot seedlings and containerized seedlings. Bareroot seedlings are essentially stock whose roots are exposed at the time of planting. Bareroot seedlings are grown in nursery seedbeds and lifted from the soil in which they are grown to be planted in the field. Containerized seedlings are grown individually in a variety of hard-walled vessels or in peat pots from seed. They're typically more expensive than bareroots but usually have a higher survival rate after planting due to their well-formed root system.

Recommendation: Given the conditions of the site and the higher survival rate associated with containerized stock, use containerized seedlings if available.

Seedling Care: Seedling care and handling is extremely important to ensure post planting survival.

Recommendation: For long-term storage (more than 3 days), store seedlings at 33 to 36 degrees Fahrenheit. For short-term storage (several hours to less than 3 days), store below 42 degrees Fahrenheit. At the planting site, take care not to let the roots dry out and avoid exposure to the sun or warmer temperatures.

Restocking Plan

Planting Instructions: When planting seedlings, the landowner or tree planter should abide by the following:

1. Tree planting shall only occur in winter or early spring. Tree planting should not occur if the ground is frozen or during unusually warm periods.
2. Dig a hole at least one inch deeper and wider than the seedling roots. If planting from a container, dig the hole an inch deeper and wider than the container.
3. Place the seedling into the hole taking care not to bend the taproot, or main vertical root, and cover with soil.
4. Pack the soil down firmly around the seedling to remove any air pockets.
5. See Appendices A-D for illustrations for correct planting techniques.

Seedling Survival: Although a newly planted stand immediately fulfills stocking standards, the timber stand must continually contain an average density of at least 300 trees per acre (or 12-foot by 12-foot spacing) in order to meet the intent of the California Forest Practice Rules (CFPRs). Seedling survival can vary widely depending on several factors including genetics, weather, herbivory, etc. Monitoring growth and success of planted seedlings is key to ensure a 300-point count stocking level is maintained 2-3 year after planting.

Recommendation: Monitor growth and success of planted trees one year after planting. Conduct a point count stocking sampling survey (protocol described in CFPRs 14CCR 1072). If less than 55% of the planted area meets the 300-point count minimum stocking level, repeat the replanting process. Consider consulting an RPF for continued timber management in this area.

Stock Purchase: Ideally, landowners should procure seedlings from sources growing local, site-specific stock. Appropriate stock is determined by stand type, seed zone, elevation, as well as other factors like soil type, site quality, and weather.

Recommendation: The RPF recommends acquiring conifer seedlings from Green Diamond Resource Company's nursery in Korb, California. For inquiries, contact Nursery Superintendent Glen Lehar at (707) 668-4439. He will recommend the appropriate stock based on geographic area and site conditions.

Monitoring Seedling Survival: Although a newly planted stand immediately fulfills stocking standards, the timber stand must continually contain an average density of at least 300 trees per acre (or 12-foot by 12-foot spacing) in order to meet the intent of the California Forest Practice Rules (CFPRs). A **Countable Tree** per 14CCR 895.1 must be in place at least two growing seasons among other requirements. Seedling survival can vary widely depending on several factors including genetics, weather, herbivory, etc. Monitoring growth and success of planted seedlings is key to ensure a minimum 300-point count stocking level is maintained or achieved 2-years after planting.

Recommendation: Monitor growth and success of planted trees one year after planting. Conduct a point count stocking sampling survey (protocol described in CFPRs 14CCR 1072). If less than 55% of the planted area meets the 300-point count minimum stocking level, repeat the planting process.

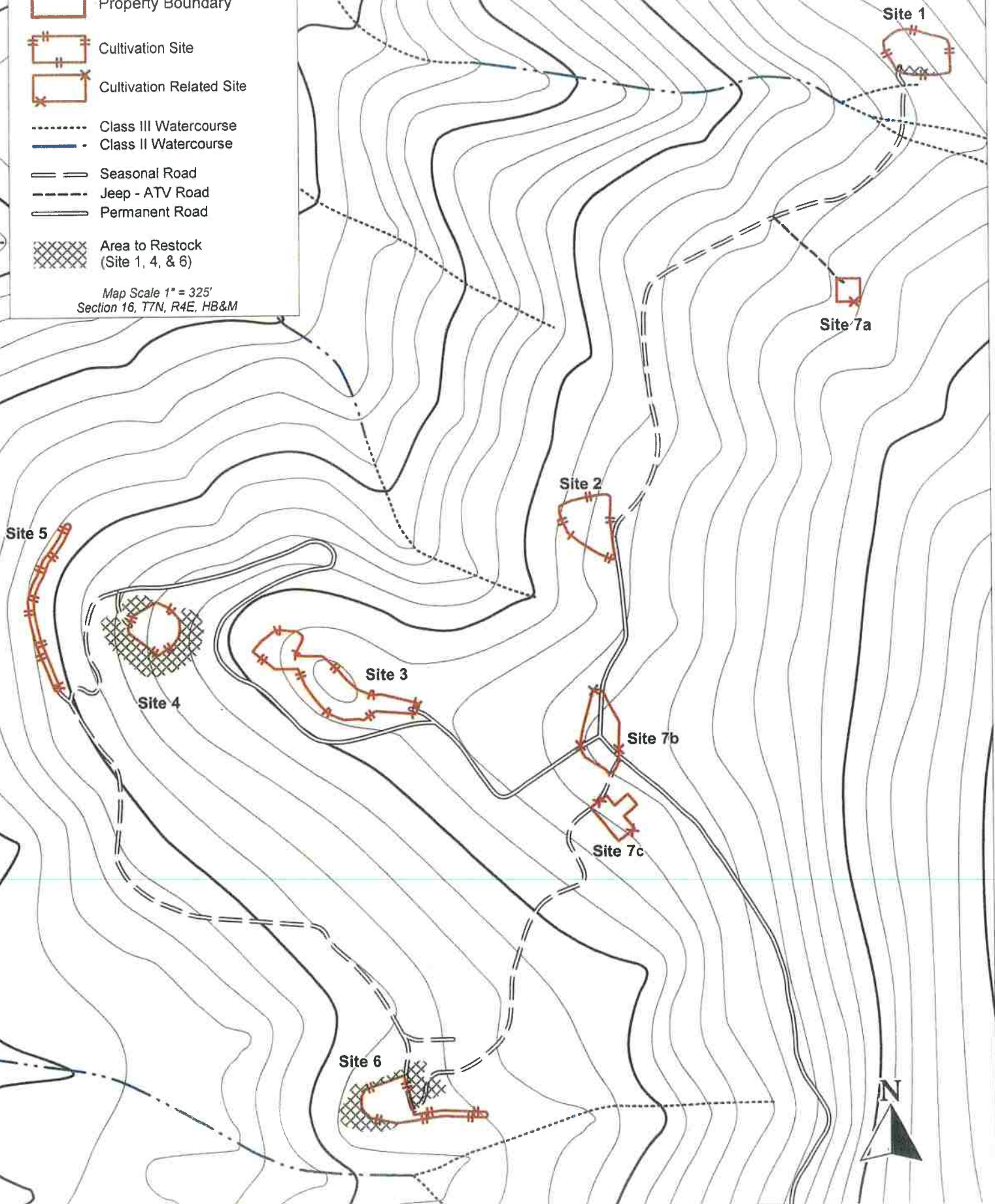
Certification: Within five years of planting, a report of stocking shall be submitted to the county by an RPF, which certifies that the area meets the minimum stocking standards of 14 CCR 912.7.

APN 522-023-001

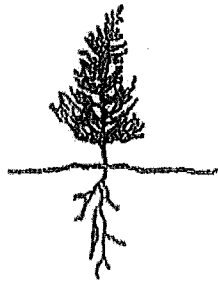
Restocking Plan Map

- Property Boundary
- Cultivation Site
- Cultivation Related Site
- Class III Watercourse
- Class II Watercourse
- Seasonal Road
- Jeep - ATV Road
- Permanent Road
- Area to Restock (Site 1, 4, & 6)

Map Scale 1" = 325'
Section 16, T7N, R4E, HB&M



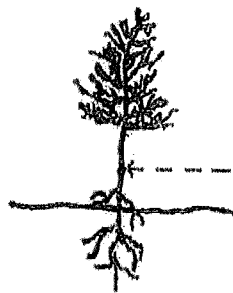
APPENDIX A CORRECT METHOD OF SEEDLING PLANTING



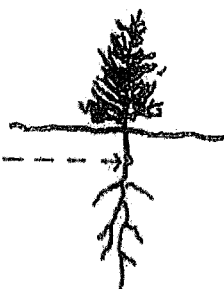
- Soil firmly packed around roots.
- No air pockets.
- Roots straight with no J or L bends.
- Root collar at or slightly below ground level.
- Root not pruned.

ERROR IN PLANTING

Too shallow



Too Deep

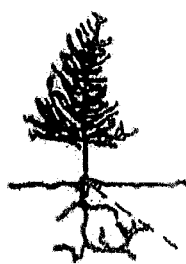


Root Collar

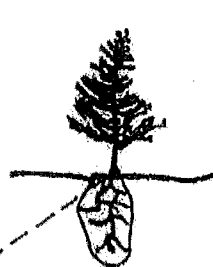
- Hole not deep enough.
- Root collar and upper roots exposed.
- Roots dry out.

- Hole is too deep.
- Root collar buried.

J or L Roots



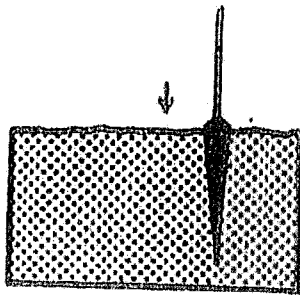
Air Pockets



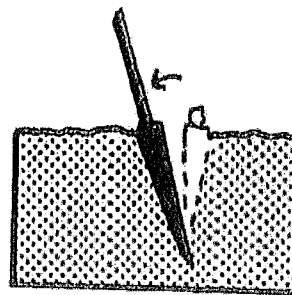
- Hole is not deep enough — planting in rocky soil.
- Roots cannot effectively take up water.
- Tree not wind-firm.
- Soil not firmly packed around roots.
- Air pocket forms.
- Roots dry out.

APPENDIX B
PLANTING WITH A FLAT BAR

1. Insert flat bar straight down.

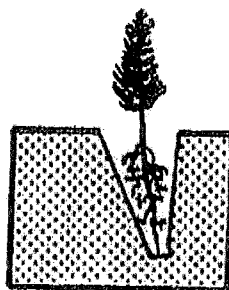


2. Pull flat bar backward to open hole.

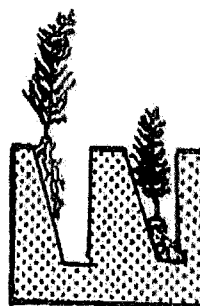


3. Remove flat bar and place seedling at correct depth with root collar at or slightly below ground level.

Correct

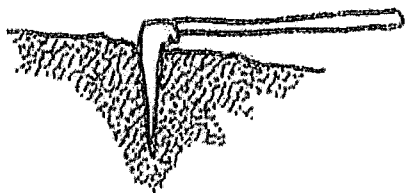


Incorrect

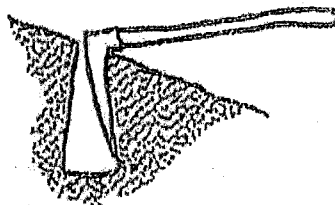


APPENDIX C
PLANTING WITH A HOE

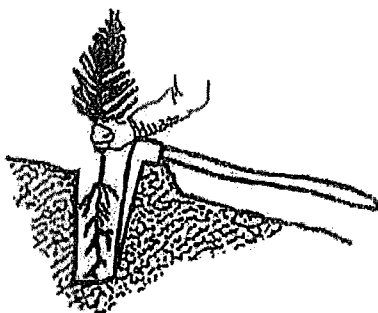
1. Swing hoe to get full penetration.



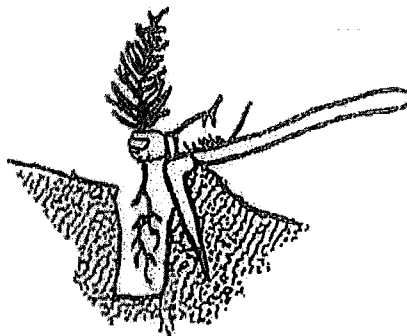
2. Lift handle and pull up to widen hole.



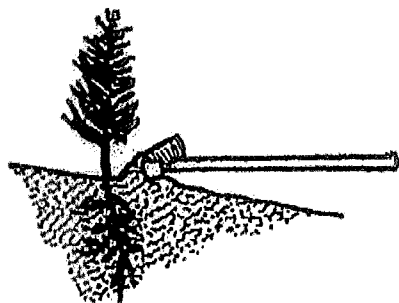
3. Place seedling while using hoe to hold back soil.



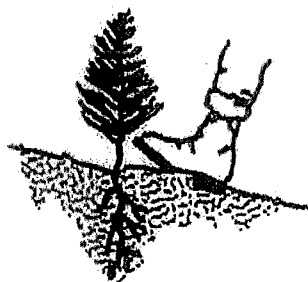
4. Use hoe to pack soil at bottom of hole.



5. Use hoe to pack soil at top hole.



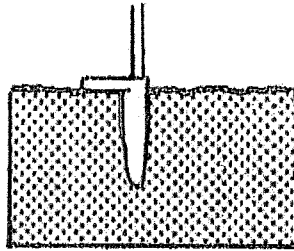
6. Firm soil around seedling with feet.



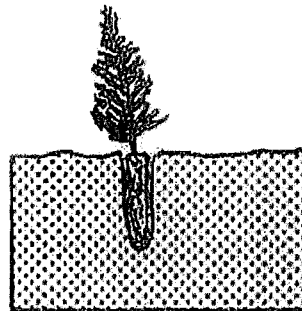
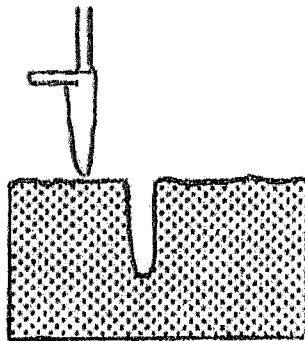
APPENDIX D

PUNTING WITH A PLUG BAR

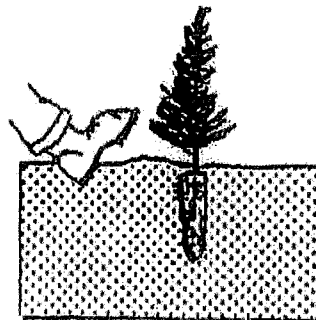
1. Insert plug bar straight down until plug bar footrest is level with ground.



2. Remove plug bar and place seedling in hole.



3. Firm soil around seedling with heel of boot.



Sincerely,



Chris Carroll, RPF# 2628
Timberland Resource Consultants

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

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION
NOTICE OF TIMBER OPERATIONS THAT ARE EXEMPT FROM
TIMBER HARVESTING PLAN REQUIREMENTS; RM-73 (1038ab) (11/11)

VALID FOR ONE YEAR FROM DATE OF RECEIPT BY CAL FIRE

FOR ADMIN. USE ONLY

Ex. # 1-12EX-156 Hum

Date of Receipt JUN 18 2012

Date Expires Jun 17, 2013

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

_____ Harvesting Christmas trees.

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

☒ Harvesting fuelwood or split products in amounts less than 10 percent of the average volume per acre, where timber operations will meet the conditions listed in 14 CCR § 1038(b). Note: If you are harvesting fuelwood or split products, please be aware that cut wood can be infested with harmful forest pests. Long distance transport of infested firewood can result in the unintentional spread of these pests. Please see www.firewood.ca.gov for more information.

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

1. TIMBER OWNER(S) OF RECORD: Three Creeks Partnership

Address: 2811 E Street, Suite B

City: Eureka State: CA Zip: 95501 Phone: 707-442-8286

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

A. Circle the option that most closely estimates the total volume for this harvest, in thousands of board feet (mbf - Net Scribner short log):

Under 8 mbf 8-15 mbf 16-25 mbf Over 25 mbf

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

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

Port-Orford Cedar _____%; Cedar (IC, WRC) _____%; Other conifer _____%; Other hardwood 50%.

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

2. TIMBERLAND OWNER(S) OF RECORD: Three Creeks Partnership

Address: 2811 E Street, Suite B

City: Eureka State: CA Zip: 95501 Phone: 707-442-8286

3. LICENSED TIMBER OPERATOR(S): Name: McKnight Redmix

Lic. No. A-8896

Address: P.O. Box 38

City: Salyer State: CA Zip: 95563 Phone: 530-629-2070

RECEIVED

JUN 18 2012

**COAST AREA OFFICE
RESOURCE MANAGEMENT**

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

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

Section	Township	Range	Base & Meridian	County	Logging Area Acreage (Estimated)	Assessors Parcel # (Optional)
16	7N	4E	HB&M	Humboldt	460	52202301
17	7N	4E	HB&M	Humboldt	374	52202206
18	7N	4E	HB&M	Humboldt	351	52202108
19	7N	4E	HB&M	Humboldt	170	52202606
20	7N	4E	HB&M	Humboldt	653	52202503,4
21	7N	4E	HB&M	Humboldt	343	52202401,5
29	7N	4E	HB&M	Humboldt	571	52203201,4,6
30	7N	4E	HB&M	Humboldt	450	52203102,3,4
31	7N	4E	HB&M	Humboldt	81	52203602
32	7N	4E	HB&M	Humboldt	616	52203504

TOTAL ACREGE = 4,069

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

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

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

- Timber owners, timberland owners and timber operators should obtain and review copies of the Forest Practice Rules pertaining to the Notice of Exemption. Copies may be obtained from BARCLAYS LAW PUBLISHERS, P.O. BOX 3086, SO. SAN FRANCISCO, CA. 94080, or from CAL FIRE, Forest Practice Section, P.O. BOX 944246, Sacramento, CA 94244-2460; or from CAL FIRE's Web Page on the Internet at <http://www.flre.ca.gov>.
- Contact the nearest CAL FIRE office listed below for questions regarding the use of this notice.

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

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

RECEIVED

JUN 18 2012

**COAST AREA OFFICE
RESOURCE MANAGEMENT**

Three Creeks Partnership 2012

SIGNATURE OF THE TIMBER OWNER OR AGENT THEREOF:

Chris Carroll

Date:

6-13-12

Printed Name: Chris Carroll

Title: RPF #2628, Timberland Resource Consultants

Address: 165 South Fortuna Blvd #4

City: Fortuna State: CA Zip: 95540 Phone: 707-725-1897



Addendum to 10% Exemption:

Timber operations associated with this exemption may include the routine maintenance of existing truck roads, skid roads, and landings per PRC 4527*. Please note the following limitations and conditions required per 14CCR 1038(b):

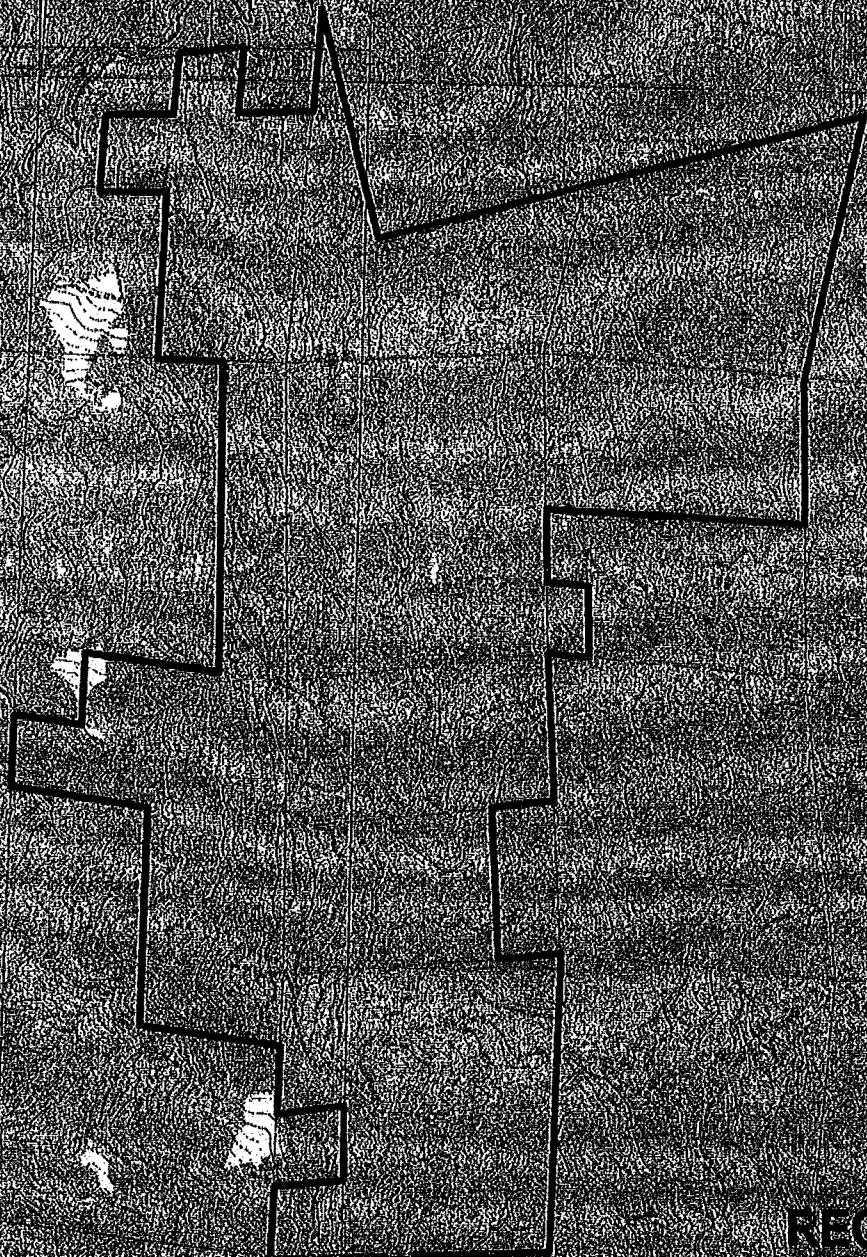
- (1) No tractor or heavy equipment operations on slopes greater than 50%.
- (2) No construction of new tractor roads on slopes greater than 40%.
- (3) Timber operations within any Special Treatment Area, as defined in 14 CCR 895.1, shall comply with the rules associated with that Special Treatment Area.
- (4) No tractor or heavy equipment operations on known slides or unstable areas.
- (5) No new road construction or reconstruction, as defined in 14 CCR 895.1.
- (6) No heavy equipment operations within the standard width of a watercourse or lake protection zone, as defined in 14 CCR 916.4 [936.4, 956.4](b), except for maintenance of roads and drainage facilities or structures.
- (7) No known sites of rare, threatened or endangered plants or animals will be disturbed, threatened or damaged.
- (8) No timber operations within the buffer zone of a sensitive species, as defined in 14 CCR 895.1.
- (9) No timber harvesting within the standard width of a watercourse or lake protection zone, as defined in 14 CCR 916.4 [936.4, 956.4](b), except sanitation-salvage harvesting, as defined in 14 CCR 913.3 [933.3, 953.3], where immediately after completion of operations, the area shall meet the stocking standards of 14 CCR 912.7 [932.7, 952.7](b)(2), or, except the removal of dead or dying trees where consistent with 14 CCR 916.4 [936.4, 956.4] (b). Trees to be harvested shall be marked by, or under the supervision of, an RPF prior to timber operations.
- (10) No timber operations on any site that satisfies the criteria listed in 895.1 for a significant archaeological or historical site. Information on some of these sites may be available from the Information Centers of the California Historical Resources Information System within the Department of Parks and Recreation.

RECEIVED

JUN 18 2012

**COAST AREA OFFICE
RESOURCE MANAGEMENT**

***4527. Timber operations.** "Timber operations" means the cutting or removal or both of timber or other solid wood forest products, including Christmas trees, from timberlands for commercial purposes, together with all the work incidental thereto, including, but not limited to, construction and maintenance of roads, fuel breaks, firebreaks, stream crossings, landings, skid trails, beds for the falling of trees, fire hazard abatement, and site preparation that involves disturbance of soil or burning of vegetation following timber harvesting activities conducted after January 1, 1988, but excluding preparatory work such as treemarking, surveying, or roadflagging. "Commercial purposes" includes: (1) The cutting or removal of trees which are processed into logs, lumber, or other wood products and offered for sale, barter, exchange, or trade, or; (2) The cutting or removal of trees or other forest products during the conversion of timberlands to land uses other than the growing of timber which are subject to the provisions of Section 4621, including, but not limited to, residential or commercial developments, production of other agricultural crops, recreational developments, ski developments, water development projects, and transportation projects. Removal or harvest of incidental vegetation from timberlands, such as berries, ferns, greenery, mistletoe, herbs, and other products, which action cannot normally be expected to result in a threat to forest, air, water, or soil resources, does not constitute timber operations.



RECEIVED

JUN 18 2012

ECOLOGY AREA OFFICE
NATURAL RESOURCE MANAGEMENT

Three Creeks Partnership 10% Exemption Location Map

- Property Boundary
- Old Three Creeks Road

Map Scale 1" = 3,500'

Lord Ells Summit and Willow Creek USGS Quads
Sections 16, 17, 18, 19, 20, 21, 29, 30, 31, 32; T7N, R4E, HB&M



Three Creeks Partnership

10% Exemption Map 1 of 2

Existing Logging Road

Property Boundary



Map Scale 1" = 1,500'

RECEIVED

JUN 18 2012

GOVERNMENT OFFICE
COUNTY OF MONTANA

Three Creeks Partnership

10% Exemption Map 2 of 2

== Existing Logging Road

— Property Boundary

Map Scale 1" = 1,500'



RECEIVED

JUN 1 2006

2500 SEAN
1500 SEAN



DEPARTMENT OF FORESTRY AND FIRE PROTECTION

135 Ridgway Ave.
Santa Rosa, CA 95401
Website: www.fire.ca.gov
(707) 576-2959



Date: June 22, 2012
Ref.: 1-12EX-156-HUM

THREE CREEKS PARTNERSHIP
2811 E ST STE B
EUREKA, CA 95501

Dear Three Creeks Partnership:

This is to acknowledge that your **Dead, Dying or Diseased Tree Removal Exemption** was accepted on **June 18, 2012**. It has been assigned the above listed Exemption number. All timber operations must be complete within one year.

Compliance with all provisions of the Forest Practice Act, and rules pursuant to Section 1038 (b), under the Title of the California Code of Regulations, will be determined by future inspection(s).

*****Please read the enclosed notice regarding Listed Anadromous Salmonids,
Sudden Oak Death and Pitch Canker*****

If you have any questions you may contact your local CDF Forest Practice Inspector, or me at (707) 576-2959.

Sincerely,

Donald Morse
Deputy Chief, Forest Practice
RPF #2158

Enclosure

cc: Unit
Fish & Game
Water Quality
County Planning
Board of Equalization
NMFS
LTO – McKnight Redi-Mix
File