



# California Regional Water Quality Control Board

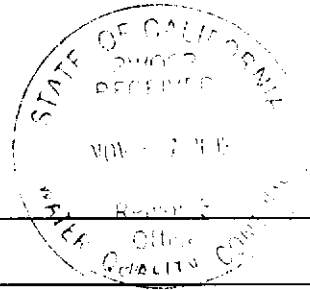
## Central Coast Region



**Anton H. Hickox**  
Secretary for  
Environmental  
Protection

Internet Address: <http://www.swrcb.ca.gov/rwqcb3>  
895 Aerovista Place, Suite 101, San Luis Obispo, California 93401  
Phone (805) 549-3147 • FAX (805) 543-0397

**Gray Davis**  
Governor



### Timber Harvest Information Form with Fact Sheet

<b>1. Plan or Notice Name:</b>	<b>And Number:</b>
Pryce Fork	1-03-173 SCR

**2. Landowner's Contact Information:**

Name: ROGER A. BURCH and MICHELE BURCH, as Trustees, or their Successors, of  
THE RMB REVOCABLE FAMILY TRUST DATED FEBRUARY 5, 1999

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Address: 2 West Santa Clara Street, 9<sup>th</sup> Floor

City San Jose,	State CA	Zip Code 95113-18007
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Phone: (408) 271-7900      E-mail address (optional):

**3. Name and Phone Number of Contact Person(s):**

<b>Name:</b>	<b>Phone:</b>
4. PLAN SUBMITTER(S):  Zeke Sechrest Redwood Empire Sawmill PO Box 156 Cloverdale, CA 95425      (707) 894-4242	(      )

**4. Registered Professional Forester :**

RPF Name/Signature: Peter Twight, RPF #2555 Redwood Empire 1395 42st Avenue, Suite D Capitola, CA 95010      (831) 464 -8788	
(      )	E-mail address (optional): ptwight@ebold.com

**5. Certification:**

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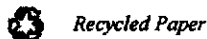


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Attachments: Site Map, Fact Sheet

Timber Application Form

**California Environmental Protection Agency**



Item No. 4, Attachment No. 3  
Meeting of May 14, 2004  
Pryce Fork Timber Harvest

**TIMBER HARVEST PLAN FACT SHEET**

The following supplemental information will be used in the approval process of the above-referenced Timber Harvest activity.

**Timber Harvest Plan**

Name: Pryce Fork	Number: 1-03-173
Location: Santa Cruz County	Watershed Name: Browns Creek

**Responsible Parties**

Land Owner see above

Address:

City	State	Zip Code
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Phone: ( )	E-mail address (optional):
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Timber Owner (if different from Land Owner): N/A

Address:

City	State	Zip Code
------	-------	----------

Phone: ( )	E-mail address (optional):
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Forester: See Above

Address:

City	State	Zip Code
------	-------	----------

Phone: ( )	E-mail address (optional):
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**Timber Harvest Plan Summary**

a) Acreage of THP: 46

b) Logging Technique (Yarding) (check all applicable):

- Ground based (skidding, long line)
- Cable Yard
- Helicopter

Timber Harvest Fact Sheet

c) Erosion Hazard (check all applicable):

Medium  
 High  
 Extreme

d) Stream Class(es)- (# of each type of stream):

I  
 II  
 III

e) Percent Canopy Retained in the Watershed & Lake Protection Zone (WLPZ):

Class I  
 50% Class II  
 40-50% Class III  
 Channel Zone  No-Cut Zone(s)?

f) Roads

Existing Roads (number/length) \_\_\_\_\_ 2.5 miles \_\_\_\_\_

New Roads (number/length) \_\_\_\_\_ 1800 feet \_\_\_\_\_

Reconstructed Roads (number/length) \_\_\_\_\_ None \_\_\_\_\_

Roads in unstable areas? (NO) If yes, explain \_\_\_\_\_

Roads in WLPZ? (NO) If yes, explain \_\_\_\_\_

g) Landings

Existing landings (number) \_\_\_\_\_ 2 \_\_\_\_\_

New Landings (number) \_\_\_\_\_ 3 \_\_\_\_\_

Reconstructed Landings (number) \_\_\_\_\_ None \_\_\_\_\_

Landings in unstable areas? (NO) If yes, explain \_\_\_\_\_

Landings in WLPZ? (NO) If yes, explain \_\_\_\_\_

h) Skid Trails

Existing skid trails? (number/total length) \_\_\_\_\_

New Trails (number/total length) \_\_\_\_\_ 2760. @ 1260' will require some minor construction. \_\_\_\_\_

Skid Trails in WLPZ (NO)? If yes, explain \_\_\_\_\_

Trails in unstable areas (YES)? If yes, explain \_\_\_\_\_ At map point 5 the skid trail will be full bench construction. To the extent possible with a bulldozer, the material from excavation will be spread down the skid trail to the west of the slide scar. The trail is to be outslopped after use (Coyle Report page 5).



i) Mitigation Points (summarize or import from timber harvest plan)

1. No side cast onto slide from skid trail, outslope skid trail following use (Coyle p. 70), RPF to flag drainage to minimize water flow onto the slide. [§914, §916.4(a)(1)]
2. Slash pack skid trail in bottom of swale [§916.4(a)(1); §916.9(n)].
3. Out slope skid trail, remove berm across flat, RPF flag waterbars to Class IIIs below . [§914, §916.4(a)(1)].
4. Soil protection and filter creation by seeding and mulching may be required to re-establish 25 feet of protection for the Class III [§916.4(a)(1); §916.9(n)]. RPF is to flag and instruct LTO regarding seeding mulching and waterbars.
5. At map point 5 the skid trail will be full bench construction. To the extent possible with a bulldozer, the material from excavation will be spread down the skid trail to the west of the slide scar. The trail is to be outsloped after use (Coyle Report page 5).
6. The skid trail breaching the scarp at map point 6 shall be outsloped to prevent water from ponding. Fill is to be spread to less than 1 foot depth, no channels are to be created. Waterbars shall be flagged by the RPF so that water is drained away from the slide. Cutbanks across the slide should be less than 2 feet high (see Coyle Report page 6).
7. Only trees over 18 inches are to be taken from the slide (Coyle Report page 7).
8. 80% of trees are to be retained on the slide mass and no more than 50% of trees over 18 inches are to be taken (Coyle Report page 7).
9. 50% of redwoods and most of the hardwoods are to be retained. The RPF shall review the Coyle Report page 8ff prior to making the inner-gorge. (Coyle Report page 8).
- 10-11. Road Construction at Map points 10 and 11 (on the Integrated Road Map, page 39) will reduce the road grade, and greatly ameliorate erosion potential. The relocated road through the farm crosses 50 feet of a small ridge above the old road location where the slopes exceed 65%. In this area the sidecast from full bench construction will be no deeper than 2 feet above the abandoned road and bench below where the abandonment waterbars will be spaced no more than about 40 feet apart. The abandoned road sections will be abandoned with large waterbars and slash treatment.

Forest Practice Rules including but not limited to:

Water Crossings §914, §914.1, §914.8(a), §916, §916.3, §916.4(b)1-4, 6;; §916.4(c)

§916.9(n)1-4, 916.9(o),(p)

Roads \_\_\_\_\_ §914.3, 4, 5, 6,;; §923, §923.1, 2, 3, 4; §923.6,

§923.9, \_\_\_\_\_

Skid Trails \_\_\_\_\_ §914.8, §916,9(k), (l), (m),

(n). \_\_\_\_\_

Landings §923, §923.1(c), (d); §923.5, §923.6, §916.3(c), §916.9(k), (l), (m), \_\_\_\_\_

j) In Lieu Practices (NO)? If yes please explain reason(s) in lieu practices are utilized.

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k) Water Drafting (NO)



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Drafting location(s) \_\_\_\_\_  
Drafting flow rate (gallons/minute) \_\_\_\_\_  
Other drafting in Watershed (number/total flow rate estimate) \_\_\_\_\_

l) Winter Operations? (YES/)

If yes, summarize \_ All operations conducted between October 15th and May 1st shall comply with this Winter Operations Plan. This plan complies with 916.9(k) and (l), and 914.7(b).

Timber falling is proposed during the winter period but only outside of the WLPZ's and outside Class III ELZ's.

Skyline yarding, tractor skidding, loading log trucks, log hauling during the winter period shall be halted after November 30, or when cumulative winter period rainfall exceeds 4 inches inches as recorded at the Corralitos Fire Station, whichever comes first.<sup>1</sup>

In order to comply with 14 CCR 916.9(k)(2), this winter period operating plan proposes operations during an extended period with low antecedent soil wetness, and therefore tractor roads may be constructed, reconstructed, or used on slopes that are over 40% and areas closer than 200 feet of a Class II or III watercourse, as measured from the watercourse or lake transition line. Low antecedent soil moisture, in operational terms, is defined as conditions prior to periods when soil moisture conditions result in loss of traction by equipment when compared to machine performance on the same or similar areas under dry soil conditions, or when roads or landings are wetter than from normal watering or light rain.

The area of winter operations includes the entire plan area with the above limitations. Per Rule 914.7(b) the following information is provided for the winter operations plan, and includes guidelines for the LTO:

1. Erosion Hazard Rating: Moderate and Extreme

Timber falling - timber falling in the winter period for a selective harvest will not result in any increased erosion hazard, therefore no mitigation is required (note WLPZ & ELZ limitation). Heavy Equipment -- tractors may operate on slopes exceeding 40 percent after October 15 with low moisture conditions [§916.9(k)(2)].

2. Mechanical Site Preparation Measures: No site preparation is proposed.

3. Yarding system: The steep areas of the plan shall be yarded with skyline; moderate terrain with tractor or skidder (see THP map). Ground based winter period yarding shall be limited to periods of low antecedent moisture conditions; i.e., when soil moisture conditions will not result in loss of traction by equipment when compared to machine performance on the same or similar areas under dry soil conditions, or when roads or landings are wetter than from normal watering or light rain [§916.9(k)(2)]. Only one tractor skid trail shall be open at any time. Skyline or ground yarding will not be permitted following November 30.

4. Operating period: Timber falling is proposed throughout the winter period. Heavy equipment operations during the winter period (including tractor skidding, loading, hauling, roadwork)

<sup>1</sup> County rainfall records at 600' and 1600' elevation indicate Corralitos Fire Station is an appropriate measurement site.



shall be halted after November 30, or when cumulative seasonal rainfall (season beginning October 15) exceeds 4 inches as reported at the Corralitos Fire Station, whichever comes first.

5. Erosion control facilities timing: Between October 15 and May 1, erosion control facilities will be installed on all skid trails, roads, and landings prior to the end of the day if the U.S. Weather Service forecast is a "chance" of rain 30% or more rain before the next day, and prior to the weekend or other shutdown periods. Areas disturbed within an ELZ shall be stabilized with straw or slash mulch prior to rainfall causing overland flow across the disturbed surface.

Areas of exposed soils within an ELZ equal or greater than 100 contiguous square feet of disturbed soil, road cut banks and fills, and other areas than may discharge sediment into watercourses shall be covered with straw mulched or packed with tractor slash prior to any day for which a chance of rain of 30% or greater is forecast by the U.S. Weather Service or within 10 days of operations, whichever is earlier. No tractor operations are proposed within any ELZ, and no private roads shall be constructed during the winter period. Between October 15 and November 30, the LTO shall have an adequate supply of straw bales, straw blankets, or slash positioned near areas of exposed soil where operations are near or within an ELZ to facilitate the rapid application prior to rainfall. Grass seed shall be applied during the final straw treatment following operations.

6. Form of precipitation: Only rainfall is normally expected in this region at this elevation. Rain on snow events are very infrequent. No mitigation is required.
7. Ground conditions: Tractor yarding and the use of tractor roads shall be done only during dry, rainless periods where soils are not saturated. Saturated soils includes periods when soil moisture conditions result in loss of traction by equipment when compared to machine performance on the same or similar areas under dry soil conditions, or when roads or landings are wetter than from normal watering or light rain. Trucks and heavy equipment shall be limited to roads, trails, and landings with a stable operating surface (CCR 916.9(k)(3)).
8. Silvicultural system-ground cover: The selective cutting proposed in this plan provides a well distributed overstory and understory canopy. Tractor operations expose 11% to 13% of the soil; yarder operations typically expose no more than 6% of the soil. Adequate duff layer or slash coverage will be present to prevent erosion from raindrops within the plan area. The instructions provided to meet the Rules proposed in this plan minimizes the potential for erosion on disturbed areas including roads, landings, and skid trails.
9. WLPZ operations: Timber falling shall not occur within any WLPZ or ELZ during the winter period. Trees will not be felled so as to block Class III watercourses during the winter period. If a felled tree will block a Class III watercourse, it must be yarded prior to the winter period, or cut so the blockage is removed prior to it. No heavy equipment operations are proposed within WLPZ's or ELZ's during the winter period.
10. Equipment use limitations: Timber falling outside of WLPZs and ELZs may occur throughout the winter period. Hauling shall not occur when saturated soil conditions exist on the road. All skid trails used prior to the winter period shall have soil erosion control devices installed prior October 15 or as required above. Only one tractor skid trail shall be open at any time. Following November 30 or 4 inches of rain, timber fallers and slash loppers will travel seasonal roads on the property by ATV (or if dry enough by pickup truck) so as not to damage erosion control measures. During the winter period, the private roads and landings shall be rocked or shall have small waterbreaks and rolling dips in place;



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and berms shall be removed to facilitate the easy installation of hand dug drainage devices if immediate winter shutdown becomes necessary.

11. Known unstable areas: Ground based yarding shall not be done within 50 feet of an unstable or inner gorge type slope during the winter period. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

m) Cumulative Impact Analysis

Percent of Watershed to be harvested \_\_\_\_\_ 1% \_\_\_\_\_  
Threatened and Impaired for Steelhead/Coho? (YES)  
303(d) Listed Watershed (NO)? If yes, what is watershed listed for?

Sources of Cumulative Impacts (briefly describe) \_\_\_\_\_ human activity, such as residential, road, and agricultural uses (including logging). Accelerated erosion can occur from roads, home sites, and agricultural land. Chemical pollutants can enter waterways from septic systems, backyard pesticide and petroleum use, and roads. The increasing rural development reduces the inventory of productive soils, displaces wildlife, fragments wildlife habitat, reduces recreational opportunities, and disrupts visual resources. \_\_\_\_\_

n) Monitoring Plan

Monitoring in the year following harvesting operations:

A. Roads and skid trails will be monitored by the LTO during or immediately following the first winter storm of the season that exceeds one inch. This will show how surface drainage structures are working, indicate potential problems and allow correction prior to larger storms.

B. During or immediately following storms with intense periods of rain, (1.5 inches in 2 hours), or storms that yield 2 inches or more of rain, roads will be monitored by the RPF and drainage problems, if any, corrected. Soil erosion noted will be traced from the road until it disappears in the forest floor or into a watercourse. Volume of material will be estimated and recorded, and estimated soil delivery to a stream estimated. Potential hazard sites will be noted, and included in the following year monitoring activities. Photographic records will be made as is feasible during the rain. This follows the Board of Forestry Hillslope Monitoring protocols. During periods of intense rainfall the woods are usually too dangerous for travel because of falling limbs, tree tops and road closures.

C. Turbidity measurement will be made, although we all recognize their subjectivity. These will be carried out as soon after any storm of more than 2 inches as is safe to travel into the THP area..

Monitoring after the year following harvest:

The RPF shall monitor all roads, including the haul road, and potentially hazardous erosion sites recorded during the previous year, and make sure all are properly maintained prior to winter. Areas where trespass by vehicles including ORVs can be seen and potentially hazardous erosion sites recorded during the previous year will be monitored, and corrections to damage of drainage will be constructed. Roads will be monitored during or



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following intense storms, and corrective actions taken as needed. Such monitoring will be done annually for as long as roads are open to vehicles and under management by the Plan Submitter.

Monitoring Points (number/location) \_\_ Turbidity measurements will be made at the top of the THP area, and on the Class II fork at 1240 feet elevation (upstream from the Ramsey II THP) if streams can be crossed to reach that site. The Class II draining the Pryce Fork THP at about 1220 feet elevation will also be measured \_\_\_\_\_

Monitoring Constituents: Hill slope monitoring information and turbidity

Reporting \_\_\_\_\_. All monitoring activities will be documented. \_\_\_\_\_

- o) Names and addresses of any property owner within 300 feet of the timber harvest area or harvest area entrance road (from public right of way).

William A & June Pryce  
7444 Mesa Drive  
Aptos, CA 95003

Sanjay Iyer & Asha Pandya  
1005 Summit Road  
Watsonville, CA 95076

Neil VanValkenburg      Neighbor below the harvest area, somewhat near the public road  
933 Kingston Avenue  
Piedmont, CA 94611

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### Pryce Fork Timber Harvest Plan Portion of Rancho Salsipuedes, T 10S, R2E MDB&M

#### LEGEND

Scale: ---600 feet---

Contour Interval 40 feet

Existing Seasonal Road

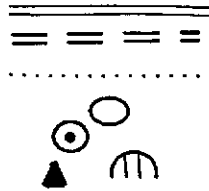
Proposed Seasonal Road

Proposed skid trail

Landing

Proposed landing

Landslide



Class I watercourse

Class II watercourse

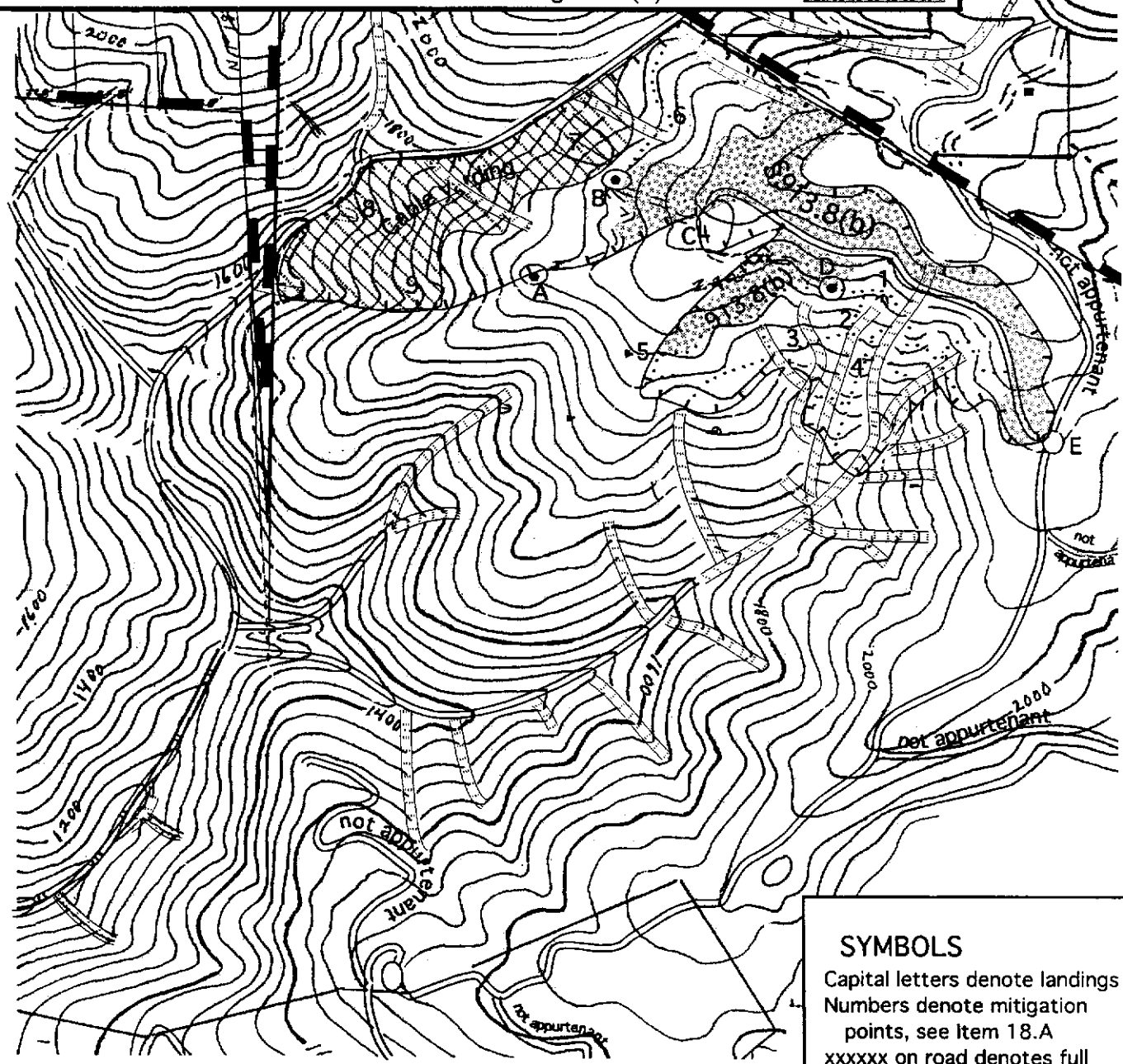
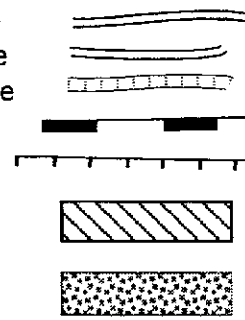
Class III watercourse

Property boundary

THP Boundary

Cable yarding area

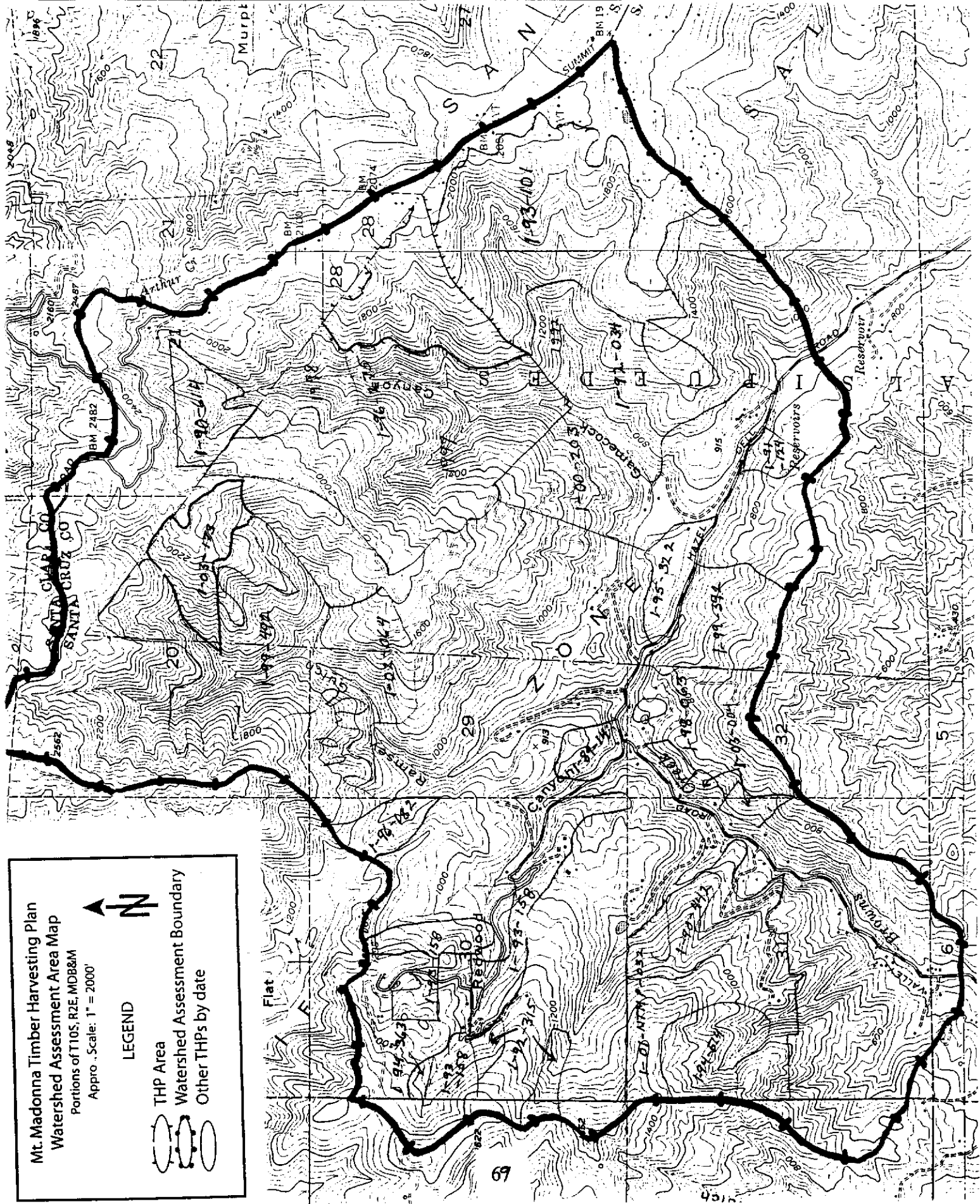
§913.8(b) area



#### SYMBOLS


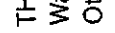
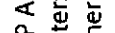
Capital letters denote landings  
Numbers denote mitigation points, see Item 18.A  
xxxxxx on road denotes full bench construction

Revised 10/6/03 and 10/17/03



**Mt. Madonna Timber Harvesting Plan  
Watershed Assessment Area Map**  
Portions of T105, R2E, MDB&M  
Approx. Scale: 1" = 2000'

**LEGEND**

-  THP Area
-  Watershed Assessment Boundary
-  Other THPs by date

**NOTICE OF INTENT TO HARVEST TIMBER / DOMESTIC WATER SUPPLY INQUIRY**

A Timber Harvesting Plan or amendment that may be of interest to you is being submitted to the California Department of Forestry & Fire Protection (CDF). The Department will be reviewing the proposed timber operation for compliance with various laws and rules. This review requires the addressing of any concerns you may have with what is being proposed. **This Notice with map is being provided prior to submission of the THP so that the submitter may be advised of domestic water supplies taken from watercourses within 1000 feet downslope of the proposed harvest. Please send such information to the forester whose name, address, and phone number are shown below within 10 days of the postmarked date on this Notice / Inquiry.** The following briefly describes the proposed timber operation and where and how to get more information.

TIMELINE

The plan or amendment will be submitted to the Department no sooner than **22 September 2003**. The end of public comment and earliest date the Department may approve the plan or amendment is **6 November 2003**.  
 NOTE: THIS DATE MAY NOT BE THE ACTUAL APPROVAL DATE AND CLOSE OF PUBLIC COMMENT. A longer period of time may be available for preparation of comments. Please check with the Department prior to the date above to determine the actual date that the public comment period closes.

OBTAINING INFORMATION / PROVIDING INPUT

Questions about the proposed timber operation or laws and rules governing timber operations should be directed to:

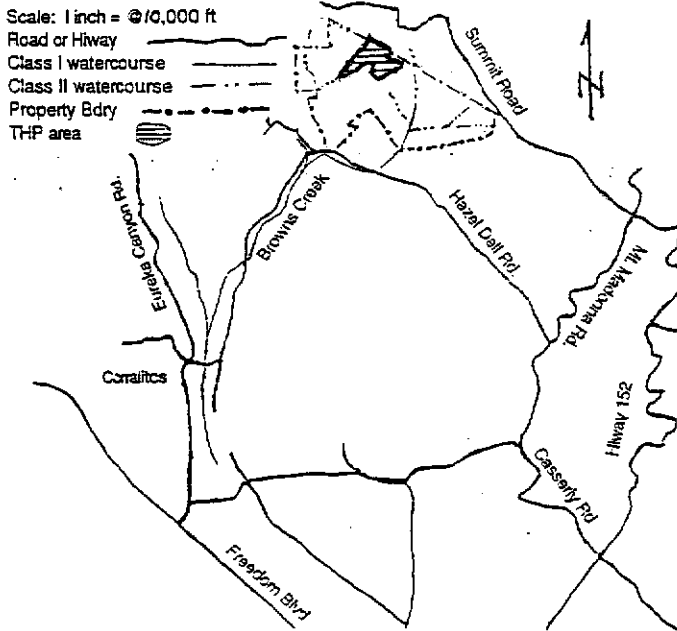
California Department of Forestry & Fire Protection  
 Region I Headquarters  
 135 Ridgway Avenue  
 Santa Rosa, California 95402  
 (707) 576-2275

California Department of Forestry & Fire Protection  
 Santa Cruz/San Mateo Ranger Unit  
 6059 Highway 9, (P.O. Drawer F-2)  
 Felton, California 95018  
 (831) 335-6740

The THP or amendment is available for public review at the above Department office or may be purchased at a cost of 10¢ for each page, \$2.50 minimum per request. (To be completed by the Department upon receipt. The cost to obtain a copy of the plan or amendment is \_\_\_\_\_).

Legend

PLAN INFORMATION



Timberland Owner: **THE RMB REVOCABLE FAMILY TRUST DATED FEBRUARY 5, 1999**  
 Registered Professional Forester: **Peter A Twight**  
**1395 41st Ave, Ste. D, Capitola CA 95010**  
**831 - 464 - 8788**  
 Plan Submitter: **Redwood Empire**  
 Location of Plan: **Santa Cruz County, Portions of Rancho Salsipuedes, T10S, R2E MDB&M**  
**Approx. 4 miles NE of Corralitos CA**  
 Nearest Perennial Stream/major watercourse & distance: **next to Class II tributary of Ramsey Creek**  
 Acres proposed to be harvested: **46**  
 Proposed harvesting method: **Selection, \$913.8**  
 Known overhead power lines within Plan area: **None in the THP, but present along haul route**  
 Where next to harvest boundary, skid trails and roads: **approximate property lines have been flagged.**

Above is a map to help in locating where the proposed timber operation is to occur. Once the plan has been received by the Department it will be reviewed to determine whether it can be filed. If the plan is filed by the Department, you will be notified by mail of the THP or amendment number and the filing date of the plan. You will be notified in a separate mailing of any public hearing. You should check with the Department for date of the Review Team meeting.

If you would like to contact the Registered Professional Forester who prepared the plan or amendment, please call the Forester listed above.

.....  
 FOR DEPARTMENT USE

TIMBER HARVESTING PLAN OR AMENDMENT NUMBER ----- DATE OF RECEIPT -----