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2 **Board of Forestry and Fire Protection**

3 **DRAFT Document**

4 **“Southern Subdistrict and Marin Co. Point Count Amendments”**

5 **Title 14, California Code of Regulations**

6 **Division 1.5, Chapter 4,**

7 **Subchapter 4, Articles 3 & 13,**

8 **Amend §§ 913.8, 926.1, & 927.10**

9  
10 **§ 913.8. Special Harvesting Methods for Southern Subdistrict.**

11 (a) Only the following Regeneration Methods and Stocking requirements shall apply in  
12 the Southern Subdistrict of the Coast Forest District. Timber Operations shall be  
13 conducted in accordance with ~~paragraphs~~ subsections (1a), (2b), (3e), or (4d) below. If  
14 the provisions of more than one subsection will be used within any individual timber  
15 operation or Logging Area, a line separating the areas to be cut under provisions of  
16 each shall be shown in the Plan and clearly defined on the ground by paint or other  
17 means prior to filing the Plan and so as to be readily identifiable during and after  
18 completion of logging.

19 (1a) Leave uncut a well-distributed timber stand after Timber Operations have  
20 been completed on the Logging Area that is at least forty (40) percent% by  
21 number of those trees ~~45.7 cm (eighteen (18) inches)~~ and more d\_b\_h\_ present  
22 prior to commencement of current Timber Operations and at least fifty (50)  
23 percent% by number of those trees over ~~30.5 cm (twelve (12) inches)~~ d\_b\_h\_., but

1 less than ~~45.7 cm~~eighteen (18) inches) d.b.h.. Leave trees shall be thrifty  
2 coniferous trees which were dominant or co-dominant in crown class prior to  
3 timber harvesting or which have crowns typical of such dominant or co-dominant  
4 trees. They shall be free from significant damage caused by the Timber  
5 Operations. No conifer shall be cut which is more than ~~22.9 m~~seventy-five (75)  
6 feet) from a leave tree ~~30.5 cm~~twelve (12) inches) d.b.h. or larger located within  
7 the Logging Area. ~~Average top stump Diameter, outside bark, shall be~~  
8 ~~considered 2.5 cm (1 inch) greater than dbh.~~ No area may be cut in excess of the  
9 leave tree standards of this rule in any ten year (10-year) period. Upon  
10 completion of Timber Operations one of the following Stocking Standards for  
11 coniferous trees shall be met:

12 (A1) Basal Area. The average residual basal area, measured in stems ~~2.5~~  
13 ~~cm~~one (1) inch) or larger in Diameter at least ~~27.6 m<sup>2</sup>/ha~~ (one hundred  
14 twenty (120) square feet per acre) on Site I lands, and at least ~~22.7~~  
15 ~~m<sup>2</sup>/ha~~one hundred (100) square feet per acre) on Site II lands, and ~~17.22~~  
16 ~~m<sup>2</sup>/ha~~seventy-five (75) square feet per acre) on Site III lands, and ~~11.48~~  
17 ~~m<sup>2</sup>/ha~~fifty (50) square feet per acre) on Sites IV and V lands.

18 (B2) Countable Trees. The area contains a well-distributed stand of trees  
19 with an average Countable Tree point count of at least two hundred (200)  
20 per acre on Site I and II lands, one hundred twenty-five (125) per acre on  
21 Site III lands, or one hundred (100) per acre on site IV and V lands. The  
22 point count to be computed as follows~~1112 Countable Trees per ha (450~~

1 point count per acre) as determined by using the following Countable Tree  
2 equivalents:

3 (1.A) Each Countable Tree which is not more than four (4) inches  
4 d.b.h. counts one (1) point~~1112 Countable Trees per ha (450~~  
5 ~~Countable Trees per acre) not more than 10.2 cm (4 inches) dbh;~~  
6 ~~each tree to count as one toward meeting Stocking requirements.~~

7 (2.B) Each Countable Tree over four (4) inches and not more than  
8 twelve (12) inches d.b.h. counts two (2) points~~371 Countable Trees~~  
9 ~~per ha (150 Countable Trees per acre) over 10.2 cm (4 inches) dbh~~  
10 ~~and not more than 30.5 cm (12 inches) dbh; each tree to count as 3~~  
11 ~~toward meeting Stocking requirements.~~

12 (3.C) Each Countable Tree over twelve (12) inches d.b.h. counts as  
13 four (4) points~~185 Countable Trees per ha (75 Countable Trees per~~  
14 ~~acre) over 30.5 cm (12 inches) dbh and not more than 45.7 cm (18~~  
15 ~~inches) dbh; each tree to count as 6 toward meeting Stocking~~  
16 ~~requirements.~~

17 (D) 124 Countable Trees per ha (50 Countable Trees per acre)  
18 over 45.7 cm (18 inches) dbh; and not more than 61 cm (24 inches)  
19 dbh; each tree to count as 9 toward meeting Stocking  
20 requirements.

1 ~~(E) 74 Countable Trees per ha (30 Countable Trees per acre) over~~  
2 ~~61 cm (24 inches) dbh; each tree to count as 15 toward meeting~~  
3 ~~Stocking requirements.~~

4 ~~(4.F) Redwood root crown sprouts over 3 m one (1) foot} in height~~  
5 ~~will be counted using the average stump diameter 3 m one (1) foot}~~  
6 ~~above average ground level of the original stump from which the~~  
7 ~~redwood root crown sprouts originate counting one (1) sprout for~~  
8 ~~each 3 m one (1) foot} of stump diameter to a maximum of six (6)~~  
9 ~~per stump. Any countable redwood root crown sprout over 3 m one~~  
10 ~~(1) foot} in height but less than ~~40.2 cm~~four (4) inches} dbh shall~~  
11 ~~count as one (1) toward meeting Stocking requirements.~~

12 (2b) An alternative Regeneration Method may be approved only if all of the  
13 following are met:

14 (A1) The Regeneration Method described in subsection (a) above is not  
15 silviculturally appropriate or Feasible in the professional judgment of the  
16 Director and the RPF who prepared the Plan.

17 (B2) Cutting Methods prescribed under the provisions of this section must  
18 maintain a well-distributed tree crown cover of at least fifty (50) percent  
19 of the pre-existing tree crown Canopy. At no time shall the crown cover be  
20 reduced to a level where the productivity of the land is jeopardized or to a  
21 level which would create a threat to soil and/or water resources. Provided  
22 the required crown cover can be maintained, the removal of all trees in

1 Small Groups not exceeding ~~202 ha~~ (one-half 0.5 acre) in size may be  
2 approved as part of the overall cutting prescription.

3 (C3) The alternative method shall provide overall protection at least equal  
4 to that of the standard provided by subsection (a) for watershed, wildlife,  
5 soil and aesthetic resources considering the Silvicultural Method,  
6 conditions necessary for regeneration, tree growth rate, annual rainfall,  
7 summer temperature and length of dry season, critical problems of  
8 erodible soils, Unstable Areas, need for high water quality, increased fire  
9 potential and exposure to more intensive use.

10 (D4) A Plan agreed upon between the RPF and the Director is prepared  
11 which gives timber stand information concerning Stocking levels, cutting  
12 goals, timber stand growth and future harvest timing expectations. The  
13 Plan must also include information on site location and preparation for  
14 planting required under (6) below.

15 (E5) The Timber Operator is responsible for carrying out Timber  
16 Operations as described in the Plan. The Plan submitter is responsible for  
17 retaining an RPF to provide professional advice to the Timber Operator  
18 and Timberlands owner on a continuing basis throughout the Timber  
19 Operations. The RPF or the designee of the RPF works closely with the  
20 Timber Operator to help assure compliance with the approved Alternative  
21 Prescription and the terms and specifications of the approved Plan. The  
22 RPF or the designee of the RPF is present on the Harvest Area sufficient

1 hours each week to know the operations' progress and advise the Timber  
2 Operator. The RPF informs the Timber Operator of potential  
3 environmental impacts and the mitigation measures to be taken to  
4 minimize such impacts. The Timber Operator shall sign the Plan and  
5 major amendments thereto, or shall sign and file with the Director a  
6 facsimile thereof prior to commencement or continuation of operation  
7 thereunder agreeing to abide by the terms and specifications of the Plan.  
8 An RPF may be responsible for the conduct of Timber Operations under  
9 contractual arrangements with the Timber Owner.

10 (~~F6~~) The Logging Area shall meet the Stocking Standards described in 14  
11 CCR § 913.8(a)(1) within five years following completion of Timber  
12 Operations. Hardwoods, as per 14 CCR § 912 "Commercial Species,"  
13 designated for management may be counted for Stocking. If such  
14 hardwoods are counted to meet Stocking requirements, at least twenty  
15 ~~(20)%~~ percent of the total Harvest Area cut under 14 CCR § 913.8(a)(1)  
16 shall be planted with conifer trees at the rate of at least two hundred  
17 ~~(200)~~ 112 well-distributed trees per acre ~~ha (450 trees/acre)~~.

18 (3e) The harvest of dead, dying or deteriorating trees resulting from fire, wind,  
19 insect, disease, flood, or other injurious agents as provided in 14 CCR §  
20 913.3(~~a~~)(2) shall be exempt from 14 CCR § 913.8(a)(1) and (~~2b~~) except for  
21 Stocking under 14 CCR § 913.8(~~a~~)(2) provided there has been a preharvest  
22 inspection and a Plan has been approved.

1 (4d) Eucalyptus stands designated for management as a commercial crop may  
2 be harvested under the evenaged Silvicultural System provided the following  
3 conditions and limitations are met:

4 (A4) Except as provided in 14 CCR § 913.1 (a) (2), clearcuts shall be  
5 limited to ten (10) acres in size, and must conform with all other provisions  
6 of 14 CCR § 913.1 (a).

7 (B2) Clearcut areas shall be screened from direct public view by having  
8 screening vegetation between the clearcut area and public areas utilized  
9 by substantial numbers of viewers. Screening vegetation shall be a  
10 minimum of one hundred (100) feet in width. Screening shall be retained  
11 until vegetative regrowth effectively covers all areas of visible bare soil.

12 (C3) Regenerated stands may be re-entered for harvest not sooner than  
13 ten (10) years after harvest.

14  
15 Note: Authority cited: Sections 4551, 4553, 4561 and 4562.5, Public Resources Code.

16 Reference: Sections 4561, 4561.1, 4562.5 and 4562.7, Public Resources Code.

17  
18 **§ 927.10. Stocking Requirements.**

19 (a) The Stocking Standards for understocked Timberlands and Substantially Damaged  
20 Timberlands as provided for by 14 CCR §§ 1080 through 1081.1 and 1085 through  
21 1085.6 are not applicable in the County. After completion of Timber Operations one of  
22 the following Stocking Standards must be met:

1 (1a) Basal Area. The average residual basal area, measured in stems 1 inch or  
2 larger in Diameter shall be at least one hundred twenty-five (125) square feet per  
3 acre on Site I lands, at least one hundred (100) square feet per acre on Site II  
4 and Site III lands and at least seventy-five (75) square feet per acre on Site IV  
5 and V lands, or

6 (2b) Point Count. An area contains an average Countable Tree point count of two  
7 hundred (200) per acre on Site I and II lands, one hundred twenty-five (125) on  
8 Site III lands, or one hundred (100) on site IV and V lands. The point count to be  
9 computed as follows~~The area contains an average point count as specified~~  
10 ~~below:~~

11 (1) ~~On Site I and II lands, the area contains an average point count of 450 per~~  
12 ~~acre to be computed as follows:~~

13 (A) Each Countable Tree which is not more than four (4) inches d.b.h.  
14 counts one (1) point~~450 Countable Trees per acre not more than 4 inches~~  
15 ~~dbh; each tree to count as 1 towards meeting Stocking requirements.~~

16 (B) Each Countable Tree over four (4) inches and not more than twelve  
17 (12) inches d.b.h. counts two (2) points~~150 Countable Trees per acre over~~  
18 ~~4 inches dbh and not more than 12 inches dbh; each tree to count as 3~~  
19 ~~toward meeting Stocking requirements.~~

20 (C) Each Countable Tree over twelve (12) inches d.b.h. counts as four (4)  
21 points~~75 Countable Trees per acre over 12 inches dbh; each tree to count~~  
22 ~~as 6 toward meeting Stocking requirements.~~

1 ~~(2) On Site III, IV and V lands the area contains an average point count of 300~~  
2 ~~per acre to be computed as follows:~~

3 ~~(A) 300 Countable Trees per acre not more than 4 inches dbh; each tree~~  
4 ~~to count as 1 toward meeting Stocking requirements.~~

5 ~~(B) 100 Countable Trees per acre over 4 inches dbh and not more than 12~~  
6 ~~inches dbh; each tree to count as 3 towards meeting Stocking~~  
7 ~~requirements.~~

8 ~~(C) 50 Countable Trees per acre over 12 inches dbh; each tree to count~~  
9 ~~as 6 toward meeting Stocking requirements.~~

10 ~~(D) Redwood root crown sprouts will be counted using the average stump~~  
11 ~~Diameter one (1) foot above average ground level of the original stump~~  
12 ~~from which the redwood root crown sprouts originate, counting one (1)~~  
13 ~~sprout for each one (1) foot of stump Diameter to a maximum of six (6)~~  
14 ~~per stump.~~

15 (b) Site Classification shall be determined by the forester (RPF) who prepared the Plan.

16 (c) Rock outcroppings, meadows, wet areas, or other areas not normally bearing timber  
17 shall not be considered as requiring Stocking and are exempt from such provisions.

18  
19 Note: Authority cited: Section 4516.5, Public Resources Code. Reference: Section  
20 4516.5, Public Resources Code.

21  
22 **NONSUBSTANTIVE RE-STRUCTURING AMENDMENTS**

1 **§ 926.1. Registered Professional Forester (RPF) Advice.**

2 The provisions of 14 CCR § 913.8(~~ab~~)(~~25~~)(E) shall apply when Timber Operations are  
3 conducted in accordance with 14 CCR § 926.25.

4  
5 Note: Authority cited: Section 4516.5, Public Resources Code. Reference: Section  
6 4516.5, Public Resources Code.

7  
8 **§ 926.8. Fuelwood Operations.**

9 Notwithstanding 14 CCR § 1038(b), the harvest of fuelwood in operations where more  
10 than three acres are proposed to be harvested, shall be carried out in accordance with  
11 the provisions of 14 CCR §§ 1038- 1038.1. In addition, for purposes of 14 CCR § 1038,  
12 minimum impact means:

- 13 (a) No new road construction;
- 14 (b) No road reconstruction that involves substantial change in the original Road Prism;
- 15 (c) No Timber Operations on slopes in excess of 60%;
- 16 (d) No Timber Operations in special treatment areas;
- 17 (e) No Timber Operations within Watercourse and Lake Protection Zones;
- 18 (f) No Timber Operations on Unstable Soils;
- 19 (g) No Timber Operations within 500 feet on an Active Nesting site of rare or  
20 endangered bird Species;
- 21 (h) No Timber Operations on areas with high or extreme Erosion Hazard Rating;
- 22 (i) The Harvest Area must be immediately stocked; and

1 (j) Timber Operations are limited to 45 days unless an approved Plan is obtained.

2 Fuelwood operations that cannot be harvested pursuant to 14 CCR §§ 1038-1038.1 will  
3 require a Plan pursuant to 14 CCR § 913.8(~~a~~)(2).

4  
5 Note: Authority cited: Section 4516.5, Public Resources Code. Reference: Section  
6 4516.5, Public Resources Code.

7  
8 **§ 926.25. Special Harvesting Methods.**

9 In addition to 14 CCR § 913.8 subsection (a)(1), the harvesting limitation, re-entry  
10 period and leave tree standards shall be modified as follows:

11 (a) The cutting standards are as follows:

12 (1) For areas where the proposed harvest rate is 51-60% of the trees greater than 45.7  
13 cm (18 in.) dbh, the minimum re-entry period shall be 14 years.

14 (2) For areas where the proposed harvest is 50% or less of the trees greater than 45.7  
15 cm (18 in.) dbh, a 10-year re-entry period shall apply.

16 (3) Regardless of re-entry period, no more than 40% of the trees greater than 35.6 cm.  
17 (14 in.) and less than 45.7 cm (18 in.) dbh shall be harvested.

18  
19 Note: Authority cited: Section 4516.5, Public Resources Code. Reference: Section  
20 4516.5, Public Resources Code.

21  
22 **§ 927.16. Registered Professional Forester (RPF) Advice.**

1 The provisions of 14 CCR § 913.8(~~a~~)(~~25~~)(E) shall apply when Timber Operations are  
2 conducted in Marin County.

3

4 Note: Authority cited: Section 4516.5, Public Resources Code. Reference: Section  
5 4516.5, Public Resources Code.