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**Board of Forestry and Fire Protection**

**OPERATIONS CONSOLIDATION: Companion to Draft Tethered Operations Rule Plead - Aggregate**

**Title 14 of the California Code of Regulations**

**Division 1.5, Chapter 4,**

**Subchapters 4, 5, & 6, Article 4**

**§ 914.2 [934.2, 954.2]. Tractor Operations.**

The following standards are applicable to Tractor Operations:

(a) ~~Tractor~~ Timber Operations shall be conducted in a manner which complies with 14 CCR § 914.

(b) Tractor, or other heavy equipment which is equipped with a blade, shall not operate on skid roads or slopes that are so steep as to require the use of the blade for braking.

(c) Tractor Roads and Cable Roads shall be limited in number and width to the minimum necessary for removal of logs. When less damage to the resources specified in 14 CCR § 914 [934, 954] will result, existing Tractor Roads and Cable Roads shall be used instead of constructing new Tractor Roads and Cable Roads. **[Northern Only]** The RPF may propose exceptions for silvicultural reasons when explained and justified in the Plan~~THP~~.

(d) Heavy equipment shall not operate on Unstable Areas. If such areas are unavoidable, the RPF shall develop specific measures to minimize the effect of operations on slope instability. These measures shall be explained and justified in the Plan and approved by the Director, and must meet the requirements of 14 CCR § 914.

(e) Slash and debris from Timber Operations shall not be bunched adjacent to residual trees required for silvicultural or wildlife purposes or placed in locations where they could be discharged into a Class I or II Watercourse, or Lake.

(f) ~~Tractor Operations shall be subject to t~~The following limitations apply:

(1) Except for Tethered Operations, ~~H~~heavy equipment shall be prohibited where any of the following conditions are present:

(A~~i~~) ~~s~~Slopes steeper than 65%

(B~~ii~~) ~~s~~Slopes steeper than 50% where the Erosion Hazard Rating is high or extreme

(2~~iii~~) Tractor Operations shall be prohibited on slopes over 50% which lead without flattening to sufficiently dissipate water flow and trap sediment before it reaches a Watercourse or Lake.

(3~~2~~) On slopes between 50% and 65% where the Erosion Hazard Rating is moderate, and all slope percentages are for Average Slope steepness based on sample areas that are 20 acres, or less if proposed by the RPF or required by the Director, heavy equipment, except for Tethered Operations, shall be limited to:

(A~~i~~) ~~e~~Existing Tractor Roads that do not require reconstruction, or

**(B~~ii~~)** **[Coast only]** ~~n~~New Tractor Roads at a location that has been shown on the Plan~~THP~~ map, flagged by an RPF or Supervised Designee prior to the pre-harvest inspection or, when a pre-harvest inspection is not required, prior to the start of Timber Operations, and approved by the Director.

**(B~~ii~~)** **[Northern and Southern]** ~~n~~New Tractor Roads that have been flagged by an RPF or supervised designee prior to use.

(4~~3~~) The RPF may propose exceptions to the limitations on Tractor Operations described above if the proposed exception will comply with 14 CCR § 914[934, 954], and if the THP both clearly explains the proposed exception and justifies why application of the standard rule is either not Feasible, or would not comply with 14 CCR § 914[934, 954]. The location of Tractor Roads to be used under such exceptions shall be flagged prior to the pre-harvest inspection or, when a pre-harvest inspection is not required, prior to the start of Timber Operations.

(g) Where Tractor Roads are constructed or reconstructed, Timber Operators shall use Tractor Roads only, both for Skidding logs to Landings and on return trips.

(h) Timber Operators shall exercise due diligence so that ~~desirable~~ residual trees and seedlings will not be damaged or destroyed by Timber Operations. These residual trees shall not be used for rub trees, corner blocks, Rigging, or other cable ties unless effectively protected from damage.

~~(i) Where Waterbreaks cannot effectively disperse surface runoff, other Erosion Controls shall be installed as needed.~~

**~~(j)~~****~~[Southern only]~~** ~~Except where terracing will disturb less than 50% of the soil surface, mechanical Site Preparation shall not be conducted on any of the following:~~

~~(1) Any slopes over 40%.~~

~~(2) Slopes over 30% which lead without flattening to a class I or class II Watercourse or to a Lake.~~

~~(3) Areas having average slopes over 30%, where the Erosion Hazard Rating is high or extreme. The area sampled for the average shall not exceed 20 acres.~~

**~~(k)~~****~~[Southern only]~~** ~~The Director may approve exceptions to (j)(1), (j)(2), and (j)(3) above when damage to soil and water quality caused by the use of heavy equipment will not exceed that caused by other Site Preparation methods if explained and justified in the Plan.~~

Note: Authority cited: Sections 4551, 4551.5 and 4553, Public Resources Code. Reference: Sections 4512, 4513, 4562.5, 4562.7 and 4582, Public Resources Code.

**~~§ 914.3. Cable Yarding.~~**

~~The following standards are applicable to Cable Yarding:~~

~~(a) Due diligence shall be exercised in the installing, and operating, of cable lines so that residual trees will not incur unreasonable damage by such installation or use.~~

~~(b) Residual trees required to be left upon completion of Timber Operations shall not be used for rub trees, corner blocks, Rigging or other cable ties unless effectively protected from damage.~~

~~(c) The practice of Tight-Lining for the purpose of changing location of cable lines is prohibited unless such practice can be carried on without damaging residual trees.~~

~~(d) Cable Yarding settings shall take maximum advantage of the natural topography and timber types so that Yarding operations will protect residual trees.~~

~~(e) Tractors shall not be used in areas designated for Cable Yarding except to pull trees away from Streams, to yard logs in areas where deflection is low, where swing Yarding is advantageous, to construct firebreaks and/or Layouts, and to provide tail-holds. Such exception(s) shall be explained and justified in the THP, and require Director's approval.~~

~~Note: Authority cited: Sections 4551, 4551.5 and 4553, Public Resources Code. Reference: Sections 4512, 4513, 4527, 4562.5, 4562.7 and 4582, Public Resources Code.~~