

**TIMBER HARVESTING PLAN
STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY
AND FIRE PROTECTION
RM-63 (06-2018)**

| | |
|------------|-----------|
| FOR ADMIN. | USE ONLY |
| 1. _____ | 8. _____ |
| 2. _____ | 9. _____ |
| 3. _____ | 10. _____ |
| 4. _____ | 11. _____ |
| 5. _____ | 12. _____ |
| 6. _____ | 13. _____ |
| 7. _____ | 14. _____ |

FOR ADMIN. USE ONLY
THP No. _____
Date Rec'd: _____
Date Filed _____
Date Approved _____
Date Expires _____

THP Name: Seneca THP

- If this is a **MODIFIED THP**
- Is this a **MODIFIED THP for FUEL HAZARD REDUCTION**

Extension:
[] Am # _____

If THP is any one of the modified types above complete appropriate modified checklists at end of general section

This Timber Harvesting Plan (THP) form, when properly completed, is designed to comply with the Forest Practice Act (FPA) and Board of Forestry and Fire Protection rules. All rule references are from Title 14 CCR; when cited, the form text will only refer to the rule number itself. The THP is divided into six sections. See separate instructions for information on completing this form. **NOTE: The form must be printed legibly in ink or typewritten, an online version is available at <https://www.fire.ca.gov/programs/resource-management/forest-practice/caltrees/timber-harvesting-forms/>.** Additional space may be inserted, as needed, to provide required information. Please distinguish answers from questions by *font change*, **bold** or underline.

SECTION I - GENERAL INFORMATION

This THP conforms to my/our plan and upon approval, I/we agree to conduct harvesting in accordance therewith. Consent is hereby given to the Director of Forestry and Fire Protection, and his or her agents and employees, to enter the premises to inspect timber operations for compliance with the Forest Practice Act and Forest Practice Rules.

1. REGISTERED PROFESSIONAL FORESTER:

RPF Signature:  Lic. No. 2861 Date 3/8/2023

RPF Printed Name: Pete Sundahl Phone 530-534-5229

Address 1600 Feather River Blvd. Ste. B City Oroville State Ca Zip 95965

Email: petesundahl@gmail.com

2. LICENSED TIMBER OPERATOR(S):

(If unknown, so state. You must notify CAL FIRE, by amendment, of LTO prior to start of operations)

Name: Unknown Lic. No. _____ Phone _____

Address _____ City _____ State _____ Zip _____

Email: _____

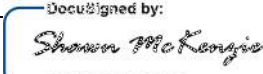
Signature: _____

3. TIMBERLAND OWNER(S) OF RECORD:

Name: Seneca Health Care District Phone (833)227-3743

Address PO Box 737 City Chester State CA Zip 96020

Email: smckenzie@senecahospital.org

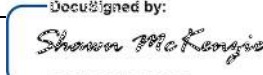
Signature:  5CFAEC04518B4B7...

4. TIMBER OWNER(S) OF RECORD:

Name: Seneca Health Care District Phone (833)227-3743

Address PO Box 737 City Chester State CA Zip 96020

Email: smckenzie@senecahospital.org

Signature:  5CFAEC04518B4B7...

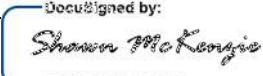
NOTE: The Timber Owner is responsible for payment of a yield tax. Per State of California Revenue and Taxation Code sections 38104 and 38115. Timber Yield Tax information may be obtained at: Timber Tax Section, MIC: 60, California Department of Tax and Fee Administration, P.O. Box 942879, Sacramento, California 94279-0060. Phone 1-800-400-7115 OR 1-916-274-3330. For Timber Tax information, please see our website at: <http://www.boe.ca.gov/proptaxes/timbertext.htm>.

5. PLAN SUBMITTER(S): Seneca Health Care District

The submitter is the person who owns, leases, contracts, or operates on timberland. If the submitter is not identified in (2), (3), or (4), above, an explanation of his/her authority to submit the plan should be provided in Section III. [1032.7(a) and 1034(e)].

Address PO Box 737 City Chester State CA Zip 96020

Email: smckenzie@senecahospital.org

Signature:  5CFAEC04518B4B7...

6. ON-SITE CONTACT:

Name Unknown

List person to contact on-site who is responsible for the conduct of the operations. If unknown, so state; name must be provided for inclusion in the THP prior to start of timber operations.

Address _____ City _____ State _____ Zip _____

Email: _____

Signature: _____

ITEM #7 LOCATION OF TIMBER OPERATIONS

| a. Legal Description | | | | | | |
|----------------------|----------|-------|-----------------|---------|--------------------------|--------|
| Meridian | Township | Range | Section | Acreage | Assessor's Parcel Number | County |
| MDB&M | 28N | 7E | 6 | 8.3 | 100-230-028 | Plumas |
| MDB&M | 28N | 7E | 7 | 1.7 | 100-230-029 | Plumas |
| | | | | | | |
| | | | TOTAL AC | 10.0 | | |

NOTE: Total Acreage only includes the logging area

FOREST DISTRICT

| b. Forest District | | | |
|-------------------------------------|---|--------------------------|--|
| <input type="checkbox"/> | COAST FOREST DISTRICT | <input type="checkbox"/> | Tahoe Regional Planning Authority Jurisdiction |
| <input type="checkbox"/> | Southern Sub District of the Coast Forest District | <input type="checkbox"/> | A County with Special Regulations |
| <input type="checkbox"/> | SOUTHERN FOREST DISTRICT | <input type="checkbox"/> | Coastal Zone, no Special Treatment Area (STA) |
| <input type="checkbox"/> | High use Sub District of the Southern Forest District | <input type="checkbox"/> | STA(s): Type: Identify: |
| <input checked="" type="checkbox"/> | NORTHERN FOREST DISTRICT | <input type="checkbox"/> | Other: |

| c. CALWATER PLANNING WATERSHED | | |
|--------------------------------|---------------------------------|------------------|
| Name | Watershed identification Number | CALWATER Version |
| Johnson Creek | 5518.440302 | 2.2 |
| | | |
| | | |

| d. WATERSHED (ASP, 303D) | | | |
|--------------------------|---|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> | ASP Watersheds | <input checked="" type="checkbox"/> | Non ASP Watersheds |
| <input type="checkbox"/> | Upstream of ASP Watersheds | <input type="checkbox"/> | |
| <input type="checkbox"/> | Exempt from ASP Watershed Rules • Reason Exempt: | | 303d Watersheds • Reason listed: |

| e. USGS QUADRANGLE | |
|--------------------|------|
| Name | Date |
| Chester | 1995 |
| | |
| | |

ITEM #8

MODIFIED THP REQUIRED CONDITIONS AND MITIGATIONS

| a. Modified THP | |
|--|--|
| 1. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Is this THP submitted as a modified THP per 14 CCR § 1051 |
| 2. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Is this THP submitted as a modified THP for Fuel Hazard reduction per 14 CCR § 1051.3 (If YES skip to the Checklist for the Modified THP for Fuel Hazard Reduction below.) |

| b. Timberland Conversion | |
|--|---|
| 1. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Has a Timberland Conversion been submitted? A Timberland Conversion Permit for the THP area will be submitted to CALFIRE concurrent with THP review. |
| | <ul style="list-style-type: none"> Permit Number: _____ (if known) or Expected approval date: |
| 2. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Has a Timberland Conversion been approved? |
| | <ul style="list-style-type: none"> Permit Number: Approval date: Expiration date: |

| c. Demonstration of Maximum Sustained Production (MSP) per 14 CCR § 913.11 (93.11, 953.11). | |
|--|--|
| MSP OPTION | |
| <input type="checkbox"/> (a) | THP Number Option (a) is approved under: _____ Date Approved: _____ |
| <input type="checkbox"/> (b) | Has a Sustained Yield Plan been approved? |
| | <ul style="list-style-type: none"> SYP number: Date Approved: |
| | Has a Sustained Yield Plan been submitted but not approved? |
| | <ul style="list-style-type: none"> SYP number: Date Submitted: |
| <input type="checkbox"/> (c) | |

| d. Conservation Easements / Landowner Assistant programs | |
|--|--|
| 1. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Is there a conservation easement, existing, for any of the plan area? |
| | If "YES" provide <ul style="list-style-type: none"> Conservation Easement Name: _____ Who is the easement grantee: (Who holds the easement) _____ |
| 2. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Is a Conservation Easement proposed or waiting approval for any portion of the plan area? |
| 3. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Are there any land owner assistance programs associated for any portion of the propose plan area? |
| | If "YES" indicate what land assistance program it is and associated identifying document number and/or name of project. |

| e. Habitat Conservation Plans (HCP) / Natural Communities Conservation Plans (NCCP) | |
|--|---|
| 1. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Is any portion of the ownership covered by a Habitat Conservation Plan? |
| <input type="checkbox"/> | Aquatic |
| <input type="checkbox"/> | Terrestrial |
| 2. <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| 3. <input type="checkbox"/> Yes <input type="checkbox"/> No | |

| ITEM #9 Prescribed Maintenance Period | |
|--|--|
| a. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <p>Will the Licensed Timber Operator be employed for the construction and maintenance of roads and landings during the conduct of timber operations?</p> <p>If "NO" identify who will be responsible and provide a contact phone number.</p> <p>Contact name: _____</p> <p>Phone number: _____</p> |
| b. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <p>Will the Licensed Timber Operator be responsible for erosion control maintenance after timber operations have ceased and until a work completion report has been certified by the department?</p> <p>If "NO" include a written agreement per 14 CCR 1050(c). Timberland Owner acknowledgement form contains the necessary information and can be included as the written agreement</p> <p>NOTE: Prescribed maintenance periods:</p> <ul style="list-style-type: none"> • Outside ASP watersheds maintenance period is one year but can be extended 3 years at the Departments discretion. • ASP watersheds the maintenance period is three years <p>Other activities such as stocking, that require the use of roads, crossings, or other features requiring erosion control shall be maintained during that activity even after the prescribed maintenance period has ended.</p> |
| c. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <p>Is it anticipated timber operations will commence on the date of THP conformance as approved by the Department?</p> <p>If "NO" provide an expected date of commencement of timber operations: DATE _____</p> |
| d. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <p>Is it anticipated timber operations will be completed within 5 years from the date of THP conformance?</p> <p>If "NO" provide the expected date timber operations will be completed: DATE _____</p> |

| ITEM #10 Stocking Adjacent Plans | |
|--|--|
| a. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Is there a THP on file with CAL FIRE for any portion of the plan area for which a Report of Satisfactory Stocking has not been issued by CAL FIRE?</p> <p>If "YES" provide THP Number: _____</p> |
| b. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Is there a contiguous even aged unit with regeneration less than five years old or less than five feet tall?</p> <p>If "YES" provide explanation per 14 CCR 913.1 (933., 953.1)(a)(4)</p> |

| ITEM #11 | Responsibilities / Notifications |
|--|--|
| a. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <p>RPF has notified the Plan Submitter, in writing, of their responsibilities pursuant to 14 CCR 1035 of the Forest Practice Act and Rules.</p> <p>Plan submitter acknowledgement form may be attached at the end of this section.</p> |
| b. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <p>RPF has notified the timber owner and the timberland owner of their responsibilities for compliance with the Forest Practice Act and Rules and the prescribed maintenance periods and maintenance of erosion control structures.</p> <p>Timberland owner and Timber owner acknowledgment forms may be attached at the end of this section.</p> |
| c. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <p>RPF will provide the timber operator with a copy of the portions of the approved THP as listed in 14 CCR 1035(f).</p> <p>If "NO" who is responsible to provide the LTO a copy of the approved THP?</p> |
| | <p>Who will meet with the LTO prior to commencement of operations to advise of sensitive conditions and provisions of the THP per 14 CCR 1035.2.</p> <p><input checked="" type="checkbox"/> RPF <input type="checkbox"/> Supervised Designee <input type="checkbox"/> Both <input type="checkbox"/> Other</p> <p>Additional information:</p> |
| d. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Are Archaeological or historical sites within or near the plan area that require protection?</p> <p>NOTE: Archaeological information is CONFIDENTIAL</p> |
| e. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <p>RPF has the following authority and responsibilities for the preparation and administration for the THP and timber operations. (Including both work completed and work remaining to be done.</p> <p>Additional information:</p> <ol style="list-style-type: none"> 1. To write, assemble and submit to CAL FIRE written components of this plan, attend the pre-harvest inspection (PHI), respond to review team questions, designate the silviculture and yarding methods, prepare sample marking and prepare the Confidential Archaeological Addendum. 2. Flagging of unit boundaries and initial watercourse flagging required by the Forest Practice Rules to be done so prior to the pre-harvest inspection. 3. |
| f. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <p>RPF has been retained by the plan Submitter to provide professional advice to the LTO and timberland owner upon request throughout the active timber operations regarding the THP, the Forest Practice Rules, and other associated regulations pertaining to timber operations per 14 CCR 1035(d)(1)</p> <p>RPF acknowledgment form may be attached at the end of this section.</p> |

| ITEM #11 Responsibilities / Notifications | |
|---|--|
| | Describe additional required work requiring an RPF, which the RPF submitting this proposed THP does not have the authority or responsibility to perform. |

| ITEM #12 Notice of Intent (NOI) | |
|---|---|
| Per 14 CCR 1032.7(c)(1-5) The RPF preparing the THP shall submit to the Director, with the THP, a Notice of Intent (NOI) to harvest timber if: | |
| <ul style="list-style-type: none"> (1) Any proposed boundary lies within 300 feet of any property not owned by the timberland owner, or (2) Plan amendments that change plan boundary so that new boundaries are within 300 feet of property not owned by the timberland owner. (3) Plan amendments change the silvicultural method if a notice was required for the Plan by condition (1) or (2) above. (4) Any overhead electrical power line, except a line from a transformer to a service panel, is present within the plan area or within 200 feet outside the Plan boundary, or (5) Plan amendments change a plan boundary so that the overhead electrical power line, except a line from a transformer to a service panel, is within the new boundary area or within 200 feet outside the Plan Boundary. | |
| a. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Is a Notice of Intent necessary for this THP? If "YES" include the NOI with the THP as a separate form with the THP |
| b. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | I understand the NOI is to be posted prior to submitting the THP and I will post the NOI at the conspicuous location near the project location prior to submitting this proposed THP. |

| ITEM #13 Statement of Environmental Impact | |
|--|--|
| After considering the rules of the Board of Forestry and Fire Protection and the mitigation measures incorporated in this THP, I the Registered Professional Forester, have determined that the timber operations (mark all that apply) | |
| a. <input type="checkbox"/> | WILL HAVE A SIGNIFICANT adverse effect on the environment. Provide a statement of reasons for overriding considerations in SECTION III. |
| b. <input checked="" type="checkbox"/> | WILL NOT HAVE A SIGNIFICANT adverse impact on the environment. |
| <input type="checkbox"/> | I certify that I, or my supervised designee, personally inspected the THP area, and this plan complies with the Forest Practice Act, the Forest Practice Rules and the Professional Foresters Law. |

ITEM #14 – SILVICULTURE

Check the Silvicultural methods or treatments allowed by the Forest Practice Rules to be applied under this THP. If more than one method or treatment will be used identify the boundaries on a map per 14 CCR § 1034(x)(2) List the approximate acreage for each method identified.

| a. | Evenaged | ACRES | |
|-------------------------------------|--|-------|---|
| <input type="checkbox"/> | Clearcutting | | EVENAGED REGENERATION METHODS (14 CCR § 913.1 [933.1, 953.1]) (All Districts) NOTE: variation by District in (a)(4)(A) and (d)(3) Shelterwood Removal Step |
| <input type="checkbox"/> | Seed Tree Seed Step | | |
| <input type="checkbox"/> | Seed Tree Removal Step | | |
| <input type="checkbox"/> | Shelterwood Preparatory Step | | |
| <input type="checkbox"/> | Shelterwood Seed Step | | |
| <input type="checkbox"/> | Shelterwood Removal Step | | |
| | Un-evenaged | | |
| <input type="checkbox"/> | Selection | | |
| <input type="checkbox"/> | Group Selection | | |
| <input type="checkbox"/> | Transition | | INTERMEDIATE TREATMENTS (14 CCR § 913.3 [933.3, 953.3]) |
| | Intermediate Treatments | | |
| <input type="checkbox"/> | Commercial Thinning | | ALTERNATIVE PRESCRIPTIONS (ALL DISTRICTS) (14 CCR § 913.6 [933.6, 953.6]) |
| <input type="checkbox"/> | Sanitation Salvage | | |
| | Alternative | | SPECIAL PRESCRIPTIONS (14 CCR § 913.4 [933.4, 953.4]) RPF is required to include specific information when Restoration or Oak woodland management is selected. The FPR element forms are provided at the end. Indicate the specific acreage for each type of restoration or oak area on these forms. |
| <input type="checkbox"/> | Alternative Prescription | | |
| | Special Prescriptions | | |
| <input type="checkbox"/> | Special Treatment Area Prescription | | |
| <input type="checkbox"/> | Rehabilitation of Understocked Area Prescription | | |
| <input type="checkbox"/> | Fuel Break / Defensible Space | | |
| <input type="checkbox"/> | Variable Retention | | |
| <input type="checkbox"/> | Restoration – Aspen, Meadow, & Wet Area | | |
| <input type="checkbox"/> | Ca. Black and Oregon White Oak Woodland Management | | |
| | Non-regeneration | | NON REGENERATION HARVESTING |
| <input checked="" type="checkbox"/> | Conversion | 10.0 | |
| <input type="checkbox"/> | Road Right-of-way | | |
| <input type="checkbox"/> | No Harvest | | |

| | | |
|----------------|------|---|
| TOTAL ACREAGE: | 10.0 | If acreage is different than acreage listed in the legal description provide explanation: |
| | | |

If Selection, Group Selection, Commercial Thinning, Sanitation Salvage or Alternative methods are selected the post-harvest stocking levels must be stated. If Site class varies then state the post-harvest stocking standard to be met by each applicable Site Class.

NOTE: Location of boundaries of timber-site classes needed for the determination of stocking standards to be applied, down to 20-acres minimum or as specified in district rules shall be mapped per 14 CCR § 1034(x)(12)

| b. POST-HARVEST STOCKING TO BE MET AT THE COMPLETION OF OPERATIONS | | |
|--|-----------------------------------|--|
| Silvicultural Prescription | Site Class (I, II, III, IV, V) | Post-harvest stocking standard |
| Conversion | I | Within the timberland conversion area, all timberland is being converted to a non-timber growing use, and will no longer be utilized for timber production or meet the requirements of 'timberland' as per 14 CCR 4526. |
| | | |
| | | |
| | | |

| c. EVENAGED REGENERATION SIZE | |
|--|--|
| <input type="checkbox"/> Yes <input type="checkbox"/> No | <p>Will evenaged regeneration step Units be larger than those specified in the rules?</p> <p><input type="checkbox"/> 20 acres TRACTOR</p> <p><input type="checkbox"/> 30 acres AERIAL or CABLE</p> <p>If YES is the RPF proposing:</p> <p><input type="checkbox"/> An increase to evenaged TRACTOR Units to 30 acres because Erosion Hazards Rating is Low and the slopes are less than 30%</p> <p><input type="checkbox"/> An increase to any evenaged harvest unit up to 40 acres</p> <p>If YES provide substantial evidence that the THP contains measures to accomplish any one of the subsections per 14 CCR § 913.1 [933.1, 953.1](a)(2)(A) – (E) In SECTION III</p> <p>Operational Instruction to the LTO, needed to meet subsections (A) – (E) above shall be included in SECTION II</p> <p>NOTE: Oversized Units should be designated on the THP map(s) by size.</p> |

Operational instructions to the LTO: None

| d. TIMBER MARKING | | | | |
|--|-----------------------------------|-------------------------------|------------------------------------|--------------------------------------|
| In the table below indicate the area requiring tree marking, the method of marking, who completed the marking and if it was an entire or sample area mark. | | | | |
| Marking completed in (specify Location(s)) | Trees Marked (Harvest / Retained) | Completed By (RPF / Designee) | Area Marked (Entire / Sample area) | RPF Explanation if needed (Optional) |
| | | | | |
| | | | | |
| | | | | |

| | |
|---|--|
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Is the RPF requesting a waiver of required marking? |
| | If YES, provide directions explaining how the LTO will determine what trees shall be harvested or retained: All trees within the conversion boundary (including the trees within the WLPZ in the project area to be removed for the helicopter flight path) will be scheduled for harvest. |
| | If more than one silvicultural method or group selection is used, provide instructions to the LTO identifying how boundaries of the different methods or groups have been identified: |

| e. FOREST PRODUCTS TO BE HARVESTED: | | | | | |
|-------------------------------------|-------------|-------------------------------------|---------------------|-------------------------------------|-------------|
| <input checked="" type="checkbox"/> | Saw Logs | <input checked="" type="checkbox"/> | Poles | <input checked="" type="checkbox"/> | Clean Chips |
| <input checked="" type="checkbox"/> | Peeler Logs | <input checked="" type="checkbox"/> | Split Wood Products | <input checked="" type="checkbox"/> | Firewood |
| <input checked="" type="checkbox"/> | Fuel Wood | <input checked="" type="checkbox"/> | Fuel chips | <input type="checkbox"/> | Other |
| <input type="checkbox"/> | Burl Wood | | | | |

| f. GROUP B SPECIES MANAGEMENT | |
|---|---|
| 1. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Are group B species proposed for management? |
| 2. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Are group B or non-indigenous A species to be used to meet stocking standards? |
| 3. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will group B species need to be reduced to maintain relative site occupancy of group A species? |
| If any answer is YES, list the species, describe treatment, and provide LTO felling and slash treatment guidance. See table below | |

| TABLE FOR LTO TREATMENT GROUP B SPECIES MANAGEMENT | | | |
|--|------------------|---------------------|------------------------------|
| Species | Treatment Method | Felling Instruction | Slash Treatment Instructions |
| N/A | | | |
| | | | |

| | |
|--|---|
| 1. <input type="checkbox"/> Yes <input type="checkbox"/> No N/A | Are follow-up treatments expected to maintain relative site occupancy of group A species? <input type="checkbox"/> Manual Treatments Describe: <input type="checkbox"/> Herbicide Treatments Describe: <input type="checkbox"/> Both |
| | If YES who will be responsible? |
| 2. <input type="checkbox"/> Yes <input type="checkbox"/> No N/A | Will a Licensed Pest Control Advisor be involved in the process? If YES explain when an advisor will be needed: |

| g. LTO FELLING INSTRUCTIONS PLAN AREA | |
|---------------------------------------|--|
| | Felling will be conducted as per 14 CCR 934.1, Felling Practices. Timber will be felled away from watercourses, cultural resource protection zones, residual timber, and improvements to property. |

| h. REGENERATION | |
|---|---|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will artificial regeneration be required to meet stocking standards? Describe: |

| i. SITE PREPARATION | |
|--|--|
| Definition of site preparation per 14 CCR § 895.1: Site preparation means “any activity” involving mechanical disturbance of soils or burning of vegetation which is performed during or after completion of timber harvesting and is associated with preparation of any portion of a logging area for artificial or natural regeneration. | |
| 1 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will site preparation be used within the logging area? If YES, provide site preparation plan per 14 CCR § 915.4 [935.4, 955.4] |
| 2 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will site preparation be required to meet stocking? |
| | General method(s) of site preparation: |
| | Type of equipment to be used for mechanical site preparation and/or firebreak construction: |
| | Methods to protect desirable residual trees per 14 CCR § 917.7 [937.7, 957.7]: |
| 3 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Are there any exceptions or alternatives proposed to the standard rules? If YES, provide an explanation and justification for the proposed exceptions: |
| | Provide a map identifying the boundaries of site preparation areas, if different from the logging area boundaries, and distinguish areas by type of site preparation activity. |
| | Prior to conducting site preparation activities provide the name of the person responsible for site preparation: |
| | Name: |
| | Address: |
| | Phone #: |
| | Estimated timing of site preparation activities: |

| j. REGENERATION PLAN (rehabilitation of understocked areas or variable retention) | |
|---|---|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Is a regeneration plan needed per 14 CCR § 913.4 [933.4, 953.4](b) or (d)? If YES, please provide a detailed description for Review Team to evaluate how the proposed management prescription will aid in restoring and enhancing the productivity of commercial timberland. The regeneration plan shall include but not be limited to: Rehabilitation of understocked areas: site preparation, method of regeneration and other information needed to evaluate the proposal by the Review team: Variable Retention: Trees and elements retained, objectives intended to achieved by retention, distribution and quantity of retained tress, intended time period of retention, and potential future conditions or events the RPF believes would allow harvest of retained trees. |

Regeneration plan: **N/A**

ITEM #15 – PESTS

| PESTS / FOREST DISEASES | |
|--|---|
| Timber operations shall be conducted so as to minimize the build-up of destructive insect populations or the spread of forest Diseases. 14 CCR 917.9 [937.9, 957.9](a) – (c) (All Districts) | |
| a. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Is this THP within an area that the Board of Forestry and Fire Protection has declared a Zone of:</p> <p>1. <input type="checkbox"/> Infestation 2. <input type="checkbox"/> Infection pursuant to PRC §§ 4712 - 4718?</p> <p>If YES, identify feasible measures being taken to mitigate adverse infestation or infection impacts from the timber operation. 917.9 (937.9, 957.9)(a)</p> <p>Reference Board of Forestry Technical Rule Addendum Number 3 for RPF considerations.</p> |
| Measures to mitigate adverse infestations or infections: | |

| | |
|--|---|
| b. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Are there any other significant insect or forest disease problems within the THP area if outside a declared zone?</p> <p>1. <input type="checkbox"/> Insect(s) 2. <input type="checkbox"/> Disease(s) 3. <input type="checkbox"/> Pest problems 4. <input type="checkbox"/> Other (provide description of the forest problem)</p> <p>If YES, describe proposed measures to improve the health, vigor, and productivity of the stand(s).</p> |
| Proposed measures: | |

ITEM #16 – HARVESTING PRACTICES

| YARDING SYSTEM AND EQUIPMENT TO BE USED | | | | | |
|---|---|--------------------------|--------------------|--------------------------|------------------------|
| | GROUND BASED (Tractor, skidder, Forwarder) | | CABLE | | OTHER (Special) |
| <input checked="" type="checkbox"/> | Tractor, including end/long lining | <input type="checkbox"/> | Cable, ground lead | <input type="checkbox"/> | Helicopter |
| <input checked="" type="checkbox"/> | Rubber tire skidder, forwarder | <input type="checkbox"/> | Cable, High lead | <input type="checkbox"/> | Animal |
| <input checked="" type="checkbox"/> | Feller buncher | <input type="checkbox"/> | Cable, skyline | <input type="checkbox"/> | Other (describe below) |
| <input type="checkbox"/> | Shovel yarding | | | | |

** All Tractor operations restrictions apply to ground based equipment Reference 14 CCR 914.2 [934.2, 954.2] (All Districts)

ITEM #17 – EROSION HAZARD RATING

| EROSION HAZARD RATING (EHR) | | | | | |
|---|----------|---|-------|-------|-----|
| | | Per 14 CCR 914.6 [934.6, 954.6](c) Waterbreaks Road and/or Trail Gradients Waterbreak Spacing by trail/road gradient | | | |
| | | 10 or less | 11-25 | 26-50 | >50 |
| <input type="checkbox"/> | LOW | 300 | 200 | 150 | 100 |
| <input checked="" type="checkbox"/> | MODERATE | 200 | 150 | 100 | 75 |
| <input type="checkbox"/> | HIGH | 150 | 100 | 75 | 50 |
| <input type="checkbox"/> | EXTREME | 100 | 75 | 50 | 50 |
| NOTE: If more than one rating is checked, areas must be identified on a THP map down to 20 acres in size. COASTAL DISTRICT with a High or extreme EHR(s) must be mapped to 10 acres. If ratings checked do not match the EHR Worksheet clarify the discrepancy: EHR rating discrepancy: N/A | | | | | |

ITEM #18 – SOIL STABILIZATION

| ITEM #18 SOIL STABILIZATION / EROSION CONTROL | |
|---|--|
| Per 14 CCR 923.5, 943.5, 963.5 – Erosion Control for Logging Roads and Landings [All Districts] – All logging road and landing surfaces shall be adequately drained, through the use of logging road and landing surface shaping in combination with the installation of drainage structures or facilities and shall be hydrologically disconnected from watercourses and lakes to the extent feasible. | |
| Per 14 CCR 914, 934, 954 – Harvesting practice and erosion control [All Districts] – Timber operations shall be conducted to: Meet the goal... to prevent degradation of the quality and beneficial uses of water and maintain site productivity by minimizing soil loss | |
| Guidance on methods for hydrologic disconnection may be found in “Board of Forestry Technical Rule Addendum Number 5: Guidance on Hydrologic Disconnection, Road Drainage, Minimization of Diversion Potential, and High Risk Crossings” (1st Edition, revised 10/27/14) | |
| 14 CCR 923.5, 943.5, 963.5(b), (c), (d), (e), (f), (g), (h), (j), (k), (p) contain standard Forest Practice Operational rules pertaining to the timing and specifics for the installation of erosion control structures for Roads and Landings. | |
| 14 CCR 914.6, 934.6, 954.6(a) (1-2), (b), (c), (d), (e), (f), (g), additional Coast areas (h), (i) contain standard Forest Practice Operational rules pertaining to the timing and specifics for the installation of erosion control structures for harvesting practices, tractor and cable operations. | |
| THE LTO SHALL BE FAMILIAR WITH THESE STANDARD OPERATIONAL REQUIREMENTS, PRIOR TO OPERATIONS. | |
| a. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Are there any exceptions proposed to the above listed standard operational requirements? If YES, please provide the specific operational instruction to the LTO. |
| <input type="checkbox"/> | Methods of stabilization to be used: (check all that apply) STRAW Mulch Depth (inches): _____ Percent coverage: _____ |
| <input checked="" type="checkbox"/> | SLASH Mulch <input checked="" type="checkbox"/> Scattered Depth (inches): <u>2 inches at time of application</u> Percent coverage: <u>90% at time of application</u> <input checked="" type="checkbox"/> Packed Depth (inches): <u>2 inches at time of application</u> Percent coverage <u>90% at time of application</u> |
| <input type="checkbox"/> | Grass Seeding LTO Instructions: |

| ITEM #18 SOIL STABILIZATION / EROSION CONTROL | |
|---|---|
| <input type="checkbox"/> | Rock Armoring Size: _____ Installation instructions: |
| <input type="checkbox"/> | Replanting LTO instructions if needed |
| <input type="checkbox"/> | Installation of commercial erosion devices Describe commercial devise and provide instructions to the LTO: |
| <input type="checkbox"/> | Other Describe method and provide LTO instructions: |

| Per 14 CCR 914.9[934.9, 954.9] the RPF may develop on a site-specific basis alternative practices that will achieve environmental protection at least equal to the standards set forth in 914.1-914.8 [934.1-934.8, 954.1-954.8] | |
|--|---|
| b. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Are there any alternative practices to the standard harvesting or erosion control rules proposed? If YES, the information as required per 914.9 [934.9, 954.9] shall be provided in SECTION III. Provide instructions to the LTO in SECTION II. |

| All WATERSHEDS | | | | |
|--|-----|------------------------------------|---------------------|--------|
| Logging roads / Landings | N/A | Description of Treatments | Protection Measures | Timing |
| c. 923.5[943.5, 963.5](i): treatments to prevent significant discharge where features cannot be hydrologically disconnected. | N/A | No WLPZ Roads are in project area. | | |
| d. 923.5[943.5, 963.5](l) & (m): treatments for sidecast or fill; cuts and fills associated w/ approaches to watercourse crossings; bare areas w/in WLPZ. | N/A | No WLPZ Roads are in project area. | | |
| e. 923.5[943.5,963.5](n): When the natural ability of ground cover in WLPZ is inadequate to filter sediment. | N/A | No WLPZ Roads are in project area. | | |
| f. 923.5[943.5,963.5](o): Exceptions to soil stabilization treatment timing. | N/A | | | |
| Watercourse crossings on logging roads | | | | |
| g. 923.9[943.9,963.9] (t)(1)-(3): Bare soil on fills, sidecast, timing of treatment. | N/A | No WLPZ Roads are in project area. | | |

Forest Practice Rules (FPR) require Specific Erosion Control / Soil Stabilization measures to be addressed within the proposed THP addressing. WLPZ & Protected ELZ & EEZs within a Non ASP and exempt ASP watersheds. Please address the following table and the specific rule. If not applicable, so state.

| Non ASP & Exempt ASP watersheds WLPZ & Protected ELZ & EEZ | | Description of Treatments | Protection Measures | Timing |
|---|-----|---------------------------|---------------------|--------|
| h.916.7[936.7,956.7] Stabilization measures for WLPZ of CI & C II. | N/A | | | |

ITEM #19 – 21: GROUND BASED EQUIPMENT

| GROUND BASED EQUIPMENT | |
|--|---|
| a. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Per 14 CCR 895.1 a layout is a prepared bed in which a tree is felled, generally constructed by a tractor or other ground based equipment.</p> <p>Are tractor or skidder constructed layouts to be constructed?</p> <p>If YES, specify the location (consider mapping) and the extent of use. NOTE: winter operations and soil stabilization measures apply to tractor or skidder constructed layouts.</p> |
| <p>Per 14 CCR 914.3 [943.3, 954.3](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 To provide tail-holds Such exception(s) shall be explained and justified in the THP, and require Director's approved</p> | |
| b. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will ground based equipment be used within area(s) designated for cable yarding: (CHECK all that apply) |
| <input type="checkbox"/> | Pulling trees away from watercourses |
| <input type="checkbox"/> | Yarding logs from areas with low deflection |
| <input type="checkbox"/> | Swing yarding |
| <input type="checkbox"/> | Construct fire breaks |
| <input type="checkbox"/> | Construct layouts |
| <input type="checkbox"/> | Providing tail-holds |
| <input type="checkbox"/> | Other Describe: |
| | If YES, specify the location (consider mapping) and provide LTO instructions |
| c. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Are any exceptions proposed for ground based operations within cable areas outside of the exceptions listed above?</p> <p>If YES, provide the required explanation and justification in SECTION III of the THP and provide operations instructions for the LTO in SECTION II below.</p> |

Per 14 CCR § 914.9 [934.9, 954.9](a) Alternatives to Standard Rules:

(a) Alternative practices may be developed by the RPF on a site-specific basis provided the following conditions are complied with and the alternative practices will achieve environmental protection at least equal to that which would result from using measures stated in 14 CCR §§ 914.1-914.8 ,934.1-934.8, 954.1-954.8.

(1) Environmental impacts with potential for significant adverse effects on the beneficial uses of water, on the residual timber, and on the soil productivity are identified and measures proposed to mitigate such impacts are included in an approved THP. The THP shall also contain a clear statement as to why alternative harvesting and erosion control measures are needed.

(2) The alternative practice(s) must be explained in sufficient detail and standards provided in the THP so that they can be adequately evaluated and enforced by the Director and implemented by the licensed timber operator.

(3) On a THP in which alternatives covering harvesting and erosion control measures have been incorporated, the timber operator shall agree to the alternative specifications by signing and filing with the Director a copy of the plan, the amended plan or a facsimile thereof, prior to beginning or continuing operations on the portion of the plan to which the alternatives apply.

(b) The Director shall not accept for inclusion in a THP alternative harvesting and erosion control measures proposed under this section which do not meet the standard of subsection (a) of this section. In the event that there is more than one written negative position showing that the alternative practice(s) does (do) not meet the standard of subsection (a) received from among the agencies listed in 14 CCR 1037.3 and the Department which participated in the review of the plan including on-the-ground inspection, the Director shall reject the proposed alternative.

(c) Alternative practices stated in an approved THP shall have the same force and authority as those practices required by the standard rule.

d. Yes No

Is the RPF proposing any Alternative Practices to the standard rule on a site-specific basis?

If "YES" provide clear instruction to the LTO in Section II advising LTO how the Alternative is to be implemented to maintain equal protection of the standard rule. In Section III explain how the alternative practice proposed achieves environmental protection at least equal to that what which would result from using measures stated in 14 CCR §§ 914.1-914.8 ,934.1-934.8, 954.1-954.8.

LTO Instructions: **None**

14 CCR 914.2 [934.2, 954.2](a-k) Identifies the Forest Practice Rule requirements for the use of ground based equipment within the harvesting area.

(b) Tractor, or other heavy equipment equipped with a blade, SHALL NOT operate on skid roads or slopes that are so steep as to require the blade to be used for breaking.

(c) Tractor 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, 945] will result, existing tractor roads shall be used instead of constructing new tractor roads.
[NORTHERN only] RPF may propose exceptions for silvicultural reasons when explained and justified within the plan.

(e) Slash and debris from timber operations SHALL not be bunched adjacent to residual trees required for silvicultural or wildlife purposes, or placed in a location where they could discharge into a Class I or II watercourse, or Lake.

(g) where tractor roads are constructed only those roads shall be used for the skidding of logs to landings

(h) Desirable residual trees and seedlings will not be damaged or destroyed by tractor operations.

(i) where water breaks cannot effectively disperse surface runoff, other erosion controls shall be installed as needed.

Slope restriction are identified in subsection (d), (f) [Coastal, Northern], (j) [Southern]

The LTO shall be aware of these rule requirements prior to operations

| | |
|--|--|
| e. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Will new tractor roads be constructed? |
|--|--|

| | |
|--|---|
| f. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will tractor road use be limited to existing tractor roads? |
|--|---|

ASP NOTE: per 14 CCR 916.9 (k)(1) – Year-around tractor road limitations, Tractor roads shall not be used when operations may result in significant sediment discharge and (m) Tractor Road Drainage Facility Installation - All tractor roads shall have drainage and/or drainage collection and storage facilities installed as soon as practical following yarding and prior to either (1) the start of any rain which causes overland flow across or along the disturbed surface within a WLPZ or within any ELZ or EEZ designated for watercourse or lake protection, or (2) any day with a National Weather Service forecast of a chance of rain of 30 percent or more, a flash flood warning, or a flash flood watch.

Will ground based equipment be used on:

| | |
|--|---|
| g. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Unstable areas? (only allowed if unavoidable) If YES, the RPF SHALL develop specific measures to minimize the effect of operations on slope stability. Provide the required justification and explanation in SECTION III and operational instructions to the LTO in SECTION II. |
|--|---|

| | |
|--|---|
| h. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Slopes steeper than 65% if YES, provide site specific instructions to the LTO in SECTION II below and provide the required explanation and justification in SECTION III. |
|--|---|

| | |
|--|---|
| i. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Slopes steeper than 50% where the erosion hazard rating (EHR) is HIGH or EXTREME. if YES, provide site specific instructions to the LTO in SECTION II below and provide the required explanation and justification in SECTION III. |
|--|---|

| | |
|--|---|
| Will ground based equipment be used on: | |
| j. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Slopes between 50% and 65% with a MODERATE EHR at: (percentage based on average slope on sample areas of 20 acres) <input type="checkbox"/> Existing tractor roads that do not require reconstruction. <input type="checkbox"/> [NORTHERN and SOUTHERN only] New tractor roads that have been flagged by an RPF or supervised designee prior to use. <input type="checkbox"/> [COASTAL only] New tractor roads at a location that has been shown on the THP map, flagged by an RPF or supervised designee prior to the pre-harvest inspection, or prior to the start of timber operations if a PHI was not required. if YES, provide site specific instructions to the LTO in SECTION II below. |
| k. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Slopes over 50% which lead without flattening to sufficiently dissipate water flow and trap sediment before it reaches a watercourse or lake? if YES, provide site specific instructions to the LTO in SECTION II below and provide the required explanation and justification in SECTION III. |
| NOTE: Per 14 CCR 1034(x)(15) all exceptions must be located on a map. If any question above is answered YES then tractor road locations must be flagged on the ground prior to the PHI or the start of timber operations if a PHI is not required. | |

ITEM # 23 – WINTER OPERATIONS

Per 14 CCR 895.1:

“Winter period” means the period between November 15 and April 1, Except under special County Rules per 14 CCR:

- 925.1 (Santa Clara)
- 926.18 (Santa Cruz)
- 927.1 (Marin)
- 965.5 (Monterey)

“Extended wet weather period” means the period from October 15 to May 1.

Tractor roads (except as otherwise provided in the rules):

All waterbreaks shall be installed no later than the beginning of the winter period of the current year of timber operations. Installation of drainage facilities and structures is required from October 15 to November 15 and April 1 to May 1 on all constructed skid trails and tractor roads prior to sunset if the National Weather Service forecast is a “chance” (30% or more) of rain within the next 24 hours per 14 CCR 914.6[934.6, 954.6](a).

Logging roads and landings used for timber operations shall have adequate drainage:

Upon completion of use for the year or by October 15, whichever is earlier.

An exception is that drainage facilities and drainage structures do not need to be constructed on logging roads and landings in use during the extended wet weather period provided that all such drainage facilities and drainage structures are installed prior to the start of rain that generates overland flow. 923.5[943.5, 963.5](j).

When the term “WPOP” (Winter Period Operating Plan) is used below, all the requirements per 14 CCR 914.7[934.7, 954.7] (b) must be addressed.

| | |
|---|--|
| ITEM #23 WINTER OPERATIONS | |
| If timber operations are proposed within the winter period the RPF may propose to operate under a: Winter Period Operating Plan (WPOP) per 14 CCR 914.7, 934.7, 954.7(b) In-lieu winter operating plan per 14 CCR 914.7 [934.7, 954.7](c) | |
| a. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Will timber operations occur during the winter period? |
| WINTER PERIOD OPERATING PLAN (WPOP) | |

Seneca THP- Section I & II

| ITEM #23 WINTER OPERATIONS | |
|---|--|
| <p>A Winter Period Operating Plan (WPOP) is required when winter operations will occur under the following conditions:</p> <p>Site preparation Road and landing construction Temporary logging road watercourse crossings will not be removed At tractor watercourse crossings Temporary logging roads or landings Roads to be abandoned or deactivated Operations are proposed in an ASP watershed or immediately upstream</p> | |
| b. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will mechanical site preparation be conducted during the winter period? If YES, then a WPOP is required per 14 CCR 914.7 [934.7, 954.7](b)</p> |
| c. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will roads be constructed during the winter period? If YES, a WPOP is required per 14 CCR 914.7 [934.7, 954.7] addressing logging road and landing construction and reconstruction per 14 CCR 923.4 [943.4, 963.4](l). Provide operational instructions to the LTO in SECTION II</p> |
| d. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <p>Will landings be constructed during the winter period? If YES, a WPOP is required per 14 CCR 914.7 [934.7, 954.7] addressing logging road and landing construction and reconstruction per 14 CCR 923.4 [943.4, 963.4](l). Provide operational instructions to the LTO in SECTION II</p> |
| e. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will temporary logging road watercourse crossings be left in place during the winter period? If YES, a WPOP is required per 14 CCR 923.9 [943.9, 963.9](r). Provide specific measures to be taken during operations by the LTO in SECTION II</p> |
| f. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will tractor watercourse crossings be used during the winter period? If YES, a WPOP is required per 14 CCR 914.8 [934.8, 954.8](d). Provide operational instructions and stabilization measures in SECTION II.</p> <p>If an exception is proposed provide an explanation and justification in SECTION III.</p> |
| g. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will temporary logging roads be used during the winter period? If YES, a WPOP is required per 14 CCR 923.6 [943.6, 963.6](f) and 923.8 [943.8, 963.8](d). Provide specific measures to be taken during operations for the LTO in SECTION II.</p> |
| h. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will temporary landings be used during the winter period? If YES, a WPOP is required per 14 CCR 923.6 [943.6, 963.6](f) and 923.8 [943.8, 963.8](d). Provide specific measures to be taken during operations for the LTO in SECTION II.</p> |
| i. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will logging roads to be abandoned or deactivated, be open (not blocked) during the winter period? If YES, a WPOP is required per 14 CCR 923.6 [943.6, 963.6](f) and 923.8 [943.8, 963.8](d). Provide specific measures to be taken during operations for the LTO in SECTION II.</p> |
| | |
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|----------------------------|--|
| ITEM #23 WINTER OPERATIONS | |
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| | |

IF A WINTER OPERATING PLAN (WPOP) IS NOT BEING PROPOSED THEN THIS PAGE MAY BE REMOVED

ITEM FF

| WINTER PERIOD OPERATING PLAN (WPOP) | |
|---|--|
| Per 14 CCR 914.7 [934.7, 954.7](b) the WPOP shall include the specific measures to be taken during the winter period to avoid or substantially lessen erosion, soil movement into watercourses and soil compaction from timber operations. The winter period operating plan shall address the following subjects: | |
| 1) Erosion Hazard Rating: | Moderate |
| 2) Mechanical Site preparation methods: | N/A |
| 3) Yarding system: 4) <i>(Constructed skid trails and tractor road watercourse crossings)</i> | All yarding methods checked in Item 16 may be utilized in the winter period provided the LTO complies with the entire contents of this winter operating plan. |
| 5) Operating Period: | November 15th to April 1st. |
| 6) Erosion Control facilities timing: | Installation of drainage facilities and structures are required from Oct. 15 to May 1 on all constructed skid trails and tractor roads prior to the end of the day if the US Weather Service forecast is a 'chance' (30% or more) of rain within the next 24 hours and prior to weekends or other shutdown periods. |
| 7) Consideration of form of precipitation: 8) <i>(rain or snow)</i> | Rain and snow both occur in the THP area. During the winter period, snow is the primary form of precipitation. |
| 9) Ground conditions: 10) <i>(soil moisture conditions, frozen)</i> | Timber operations may occur during conditions where soils are dry, wet, Hard Frozen or over significant snow depth. No Winter Period timber operations will occur when Saturated Soil Conditions may produce Significant Sediment Discharge. |
| 11) Silvicultural system ground cover: | The silvicultural systems proposed within this plan area are noted in Item 14. All silvicultural systems may be harvested during the winter period. Timber falling may occur in the winter period. |
| 12) Operations within the WLPZ: | Timber may be fell within the WLPZ during the winter period and logs may be skidded, lifted, or end lined from the WLPZ by equipment located outside the WLPZ. |
| 13) Equipment limitations: | Ground based yarding may occur in the winter period. Such ground-based operations shall not take place on Saturated Soil Conditions that may produce Significant Sediment Discharge. If operations require snow removal, such removal shall be done in a manner to protect roads and adjacent resources. Snow berms shall be removed or placed to avoid accumulation of melt water on the road. |
| 14) Known Unstable Areas: | There are no known unstable areas in project. |
| 15) Logging roads and landings: | Routine use of Logging Roads and Landings shall not occur when equipment cannot operate under its own power. Logging Roads and Landings used for log hauling or other heavy equipment uses |

WINTER PERIOD OPERATING PLAN (WPOP)

during the winter period shall occur on a stable operating surface. Use is prohibited on roads that are not hydrologically disconnected and exhibit saturated soil conditions.

Roadside berms that impede Logging Road drainage, concentrate Logging Road surface flow, or lead to hydrologic connection shall be removed or breached before the beginning of the winter period, with the exception of berms needed for erosion control.

Construction of logging roads, tractor roads or landings may occur in the winter period provided such construction/abandonment does not take place on saturated soils that may result in a significant sediment discharge.

Saturated Soil Conditions means, "soil and/or surface material pore spaces are filled with water to such an extent that runoff is likely to occur. Indicators of saturated soil conditions may include, but are not limited to: (1) areas of ponded water, (2) pumping of fines from the soil or road surfacing material during timber operations, (3) loss of bearing strength resulting in the deflection of soil or road surfaces under a load, such as the creation of wheel ruts, (4) spinning or churning of wheels or tracks that produces a wet slurry, or (5) inadequate traction without blading wet soil or surfacing materials."

Hard Frozen Conditions means, "those frozen soil conditions where loaded or unloaded vehicles can travel without sinking into the road surfaces to a depth of more than six inches over a distance of more than 25 feet."

| IN-LIEU WINTER PERIOD OPERATION PLAN | |
|---|---|
| j. <input type="checkbox"/> | RPF chooses the in-lieu winter operating plan option as allowed per 14 CCR 914.7 [934.7, 954.7](c)(1-3) Specify the procedures listed in subsections (1) and (2), and list the site specific measures for operations in the WLPZ and unstable areas as required by subsection (3). |
| k. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will the in-lieu winter operating plan include operations within WLPZ(s) or unstable area(s) during the winter period? If YES, provide site specific measures per 14 CCR 914 [934, 954] to protect the beneficial uses of water in SECTION II as instructions to the LTO. |
| Hauling and heavy equipment use roads and landings | |
| l. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will ROADS be used for log hauling and heavy equipment use during the winter period where there will not be a stable operating surface or surfaced with rock to a depth and quantity sufficient to maintain a stable operating surface? If YES, the required explanation and justification should be provided in SECTION III per 14 CCR 923.6 [943.6, 963.6](g) and 914.7[934.7,954.7]. |
| m. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will LANDINGS be used for log hauling and heavy equipment use during the winter period where there will not be a stable operating surface or surfaced with rock to a depth and quantity sufficient to maintain a stable operating surface? If YES, the required explanation and justification should be provided in SECTION III per 14 CCR 923.6 [943.6, 963.6](g) and 914.7[934.7,954.7]. |
| Hauling and heavy equipment use on hydrologically disconnected or saturated soils. | |
| n. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will ROADS be used for log hauling and heavy equipment use during the winter period on roads that are NOT hydrologically disconnected and exhibit saturated soil conditions? If YES, provide a required explanation and justification in SECTION III. per 14 CCR 923.6 [943.6, 963.6](g) and 914.7[934.7,954.7]. |
| o. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will LANDINGS be used for log hauling and heavy equipment use during the winter period on roads that are NOT hydrologically disconnected and exhibit saturated soil conditions? If YES, provide a required explanation and justification in SECTION III. per 14 CCR 923.6 [943.6, 963.6](g) and 914.7[934.7,954.7]. |
| Watercourse crossing removal | |
| p. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will any logging road watercourse crossing proposed for removal and/or stabilization be left in place during the winter period? If YES, provide operational instructions to the LTO addressing the specifics of the applicable CDFW 1600 agreement, Lake and Streambed alteration agreement or otherwise specify in the plan. Per 14 CCR 923.9[943.9, 963.9](p)(4) In SECTION II |

ITEM # 24 – ROADS AND LANDINGS

| ITEM #24 ROAD CONSTRUCTION | |
|--|---|
| a. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will any road(s) be CONSTRUCTED? |
| | PROVIDE: The classification and approximate length of each of the following logging road segment categories: 1034(o) Road classification: <input type="checkbox"/> Permanent Approximate Length Feet: _____ <input type="checkbox"/> Seasonal Approximate Length Feet: _____ <input type="checkbox"/> Temporary Approximate Length Feet: _____ |

| ITEM #24 ROAD CONSTRUCTION | |
|---|---|
| a. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will new road construction be wider than single lane with turnouts? If YES, address pursuant to 14 CCR 923 [943, 963](c) & 923.2 [943.2, 963.2](d)(1) |
| b. c. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will any Logging road(s) cross? <input type="checkbox"/> Unstable areas <input type="checkbox"/> Connected headwall swales (14 CCR 895.1 "Connected Headwall Swale") <input type="checkbox"/> Both If YES, address pursuant to 14 CCR 923.1 [943.1, 963.1](d) |
| c. d. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will any new roads? <input type="checkbox"/> Exceed a grade of 15% <input type="checkbox"/> Have grades greater than 15% for distances greater than 500 feet <input type="checkbox"/> Both NOTE: per 14 CCR 1034(x)(5)(A) new road construction or reconstruction segments exceeding 15% for 200 feet shall be mapped. If YES, address pursuant to 14 CCR 923.2 [943.2, 963.2](d)(2). See 923 [943, 963](c). |
| d. e. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will any logging roads be constructed within? <input type="checkbox"/> 150 feet of a Class I Watercourse and Lake Transition Line (WLTL) <input type="checkbox"/> 100 feet of a class II WLTL on slopes greater than 30% <input type="checkbox"/> Class I Watercourse or Lake <input type="checkbox"/> Class II Watercourse or Lake <input type="checkbox"/> Class III Watercourse or Lake <input type="checkbox"/> Class IV Watercourse or Lake <input type="checkbox"/> A Watercourse and Lake Production Zone (WLPZ) <input type="checkbox"/> Other (Examples; marshes, wet meadows, wet areas) If "OTHER" is selected describe the type of feature referenced below. NOTE: Exceptions are permitted per 14 CCR 923.1 [943.1, 963.1](b)(1) – (3) at: Existing logging road crossing(s) Logging road watercourse crossing(s) to be constructed that are approved as part of a Fish and Game Code process (F&GC 1600 et seq.) Logging road watercourse crossings of class III watercourses that are dry at the time of use. If YES, address per 14 CCR 923 [943, 963](c) |
| e. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will any constructed road be located across 100 feet or more lineal distance on? <input type="checkbox"/> Slopes over 65% <input type="checkbox"/> Slopes over 50% which are within 100 feet of the boundary of a WLPZ that drains toward the zoned watercourse or lake If YES, address per 14 CCR 923.2 [943.2, 963.2](a)(7) and 923.4 [943.4, 963.4](n) |
| f. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will any road(s) be deactivated? |
| g. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will any road(s) be abandoned? Road classification: <input type="checkbox"/> Permanent Approximate Length Feet: _____ <input type="checkbox"/> Seasonal Approximate Length Feet: _____ <input type="checkbox"/> Temporary Approximate Length Feet: _____ |
| h. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will any watercourse crossing(s) be deactivated? |

| ITEM #24 ROAD CONSTRUCTION | |
|--|--|
| i. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will any watercourse crossing(s) be abandoned? If YES, describe specific measures to prevent significant sediment discharge. per 14 CCR 923.8 [943.8, 963.8] et seq. and 923.9 [943.9, 963.9](e) and (p)</p> <p>If Logging road(s) are to be abandoned provide the blockage design Per 14 CCR 923.8 [943.8, 963.8](d)</p> |
| j. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Is there any exception to flagging or otherwise identifying the location of any road(s) to be constructed? If YES, address per 14 CCR 923.3 [943.3, 963.3](c)</p> |

| ROAD RECONSTRUCTION | |
|--|--|
| k. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will any roads be RECONSTRUCTED?</p> <p>PROVIDE: The classification and approximate length of each of the following logging road segment categories: 1034(o) Road classification: <input type="checkbox"/> Permanent Approximate Length Feet: _____ <input type="checkbox"/> Seasonal Approximate Length Feet: _____ <input type="checkbox"/> Temporary Approximate Length Feet: _____</p> |
| l. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will new road reconstruction be wider than single lane with turnouts? If YES, address pursuant to 14 CCR 923 [943, 963](c) & 923.2 [943.2, 963.2](d)(1)</p> |
| m. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will any logging roads be reconstructed within?</p> <p><input type="checkbox"/> Class I Watercourse or Lake <input type="checkbox"/> Class II Watercourse or Lake <input type="checkbox"/> Class III Watercourse or Lake <input type="checkbox"/> Class IV Watercourse or Lake <input type="checkbox"/> A Watercourse and Lake Zone (WLPZ) <input type="checkbox"/> Other (Examples; marshes, wet meadows, wet areas) If "OTHER" is selected describe the type of feature referenced below.</p> <p>NOTE: Exceptions are permitted per 14 CCR 923.1 [943.1, 963.1](b)(1) – (3) at: Existing logging road crossing(s) Logging road watercourse crossing(s) to be constructed that are approved as part of a Fish and Game Code process (F&GC 1600 et seq.) Logging road watercourse crossings of class III watercourses that are dry at the time of use. If YES, address per 14 CCR 923 [943, 963](c)</p> |
| n. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will any reconstructed road be located across 100 feet or more lineal distance on?</p> <p><input type="checkbox"/> slopes over 65% <input type="checkbox"/> Slopes over 50% which are within 100 feet of the boundary of a WLPZ that drains toward the zoned watercourse or lake. If YES, address per 14 CCR 923.2 [943.2, 963.2](a)(7) and 923.4 [943.4, 963.4](n)</p> |
| o. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Is there any exception to flagging or otherwise identifying the location of any road(s) to be reconstructed? If YES, address per 14 CCR 923.3 [943.3, 963.3](c)</p> |
| p. LANDING CONSTRUCTION | |

| | |
|--|--|
| p. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Will any Landing(s) be CONSTRUCTED? |
| q. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will any landing(s) be constructed within?</p> <input type="checkbox"/> 150 feet of a Class I Watercourse and Lake Transition Line (WLTL) <input type="checkbox"/> 100 feet of a class II WLTL on slopes greater than 30% <input type="checkbox"/> Class I Watercourse or Lake <input type="checkbox"/> Class II Watercourse or Lake <input type="checkbox"/> Class III Watercourse or Lake <input type="checkbox"/> Class IV Watercourse or Lake <input type="checkbox"/> A Watercourse and Lake Protection Zone (WLPZ) <input type="checkbox"/> Other (Examples; marshes, wet meadows, wet areas) If "OTHER" is selected describe the type of feature referenced below. <p>NOTE: Exceptions are permitted per 14 CCR 923.1 [943.1, 963.1](b)(1) – (3) at: Existing crossing(s) Logging road watercourse crossing(s) to be constructed that are approved as part of a Fish and Game Code process (F&GC 1600 et seq.) Logging road watercourse crossings of class III watercourses that are dry at the time of use. If YES, address per 14 CCR 923 [943, 963](c)</p> |
| r. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will any landing(s) exceed one half acre in size?</p> <p>NOTE: per 14 CCR 1034(x)(5)(D) if any landing exceeds ¼ acre in size or requires substantial excavation, the location shall be mapped. If YES, address per 14 CCR 923 [943, 963](c) and 923.2 [943.2, 963.2](e)(2)</p> |
| s. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will any Landing(s) be located on?</p> <input type="checkbox"/> Unstable areas <input type="checkbox"/> Connected headwall swales (14 CCR 895.1 "Connected Headwall Swale" <input type="checkbox"/> Both If YES, address pursuant to 14 CCR 923.1 [943.1, 963.1](d) |
| t. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will any landing construction be located across 100 feet or more lineal distance on?</p> <input type="checkbox"/> Slopes over 65% <input type="checkbox"/> Slopes over 50% which are within 100 feet of the boundary of a WLPZ that drains toward the zoned watercourse or lake. If YES, address per 14 CCR 923.2 [943.2, 963.2](a)(7) and 923.4 [943.4, 963.4](n) |
| u. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will any Landing(s) be deactivated? |
| v. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will any Landing(s) be abandoned?</p> <p>If YES, describe specific measures to prevent significant sediment discharge. per 14 CCR 923.8 [943.8, 963.8] et seq. and 923.9 [943.9, 963.9](e) and (p)</p> |

| LANDING RECONSTRUCTION | |
|--|---|
| w. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will any Landing(s) be RECONSTRUCTED? |
| x. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will any landings be reconstructed within?</p> <input type="checkbox"/> Class I Watercourse or Lake <input type="checkbox"/> Class II Watercourse or Lake |

| LANDING RECONSTRUCTION | |
|------------------------|--|
| | <input type="checkbox"/> Class III Watercourse or Lake <input type="checkbox"/> Class IV Watercourse or Lake <input type="checkbox"/> A Watercourse and Lake Protection Zone (WLPZ) <input type="checkbox"/> Other (Examples; marshes, wet meadows, wet areas) If "OTHER" is selected describe the type of feature referenced below. NOTE: Exceptions are permitted per 14 CCR 923.1 [943.1, 963.1](b)(1) – (3) at: Existing logging roads crossing(s) Logging road watercourse crossing(s) to be constructed that are approved as part of a Fish and Game Code process (F&GC 1600 et seq.) Logging road watercourse crossings of class III watercourses that are dry at the time of use. If YES, address per 14 CCR 923 [943, 963](c) |

| SIGNIFICANT EROSION SITE(S) | |
|--|---|
| y. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Are there any significant erosion sites? <input type="checkbox"/> Existing <input type="checkbox"/> Potential <input type="checkbox"/> Both Associated within the logging area at? <input type="checkbox"/> Logging road(s) <input type="checkbox"/> Landing(s) <input type="checkbox"/> Watercourse crossing(s) in the logging area? Per 14 CCR 923.1 [943.1, 963.1](e)(1) – (5). Also see 923.9 [943.9, 963.9](a) If YES, for each significant existing or potential erosion site, provide the following: Describe current condition of the site. Identify which sites can be feasibly treated, and which sites cannot. Specify mitigations for those sites that can be feasibly treated. Indicate logical order of treatment for those which have feasible treatments NOTE: Consider providing a MAP POINT TABLE which identifies the erosion site by mapped referenced identifier consistent with mapped locations. |

ITEM #25

NOTE: If any item listed above is checked "YES" Provide:

- **Operations Instructions to the LTO**, in accordance with the respective rule requirement(s) in **SECTION II** of the THP.
- Any required explanation and justification should be included in **SECTION III**

Operation instructions to the LTO:

ITEM #26– WATERCOURSE LAKE PROTECTION ZONE (WLPZ) PROTECTION MEASURES

| ITEM #26 | WATERCOURSES |
|----------|--------------|
|----------|--------------|

Per 14 CCR 916, 936, 956 – Intent of Watercourse and lake Protection [ALL DISTRICTS] – The purpose of this article is to ensure that timber operations do not potentially cause significant adverse site-specific and cumulative impacts to the beneficial uses of water, native aquatic and riparian-associated species, and the beneficial functions of riparian zones; or result in an unauthorized take of listed aquatic species; or threaten to cause violation of any applicable legal requirements. This article also provides protection measures for application in watersheds with listed anadromous salmonids and watersheds listed as water quality limited under Section 303(d) of the Federal Clean Water Act.

It is the intent of the Board to restore, enhance, and maintain the productivity of timberlands while providing appropriate levels of consideration for the quality and beneficial uses of water relative to that productivity.... Further, it is the intent of the Board that the evaluations that are made, and the measures that are taken or prescribed, be documented in a manner that clearly and accurately represents those existing conditions and those measures.

| | | | |
|--|---|--------------------------|-------------------------------------|
| a. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Are there any watercourses or lakes classified as a CLASS I through CLASS IV within or adjacent to the plan area? <i>(Check all that apply)</i> | | |
| | | Within plan area | Adjacent to plan area |
| | <input type="checkbox"/> Class I: | <input type="checkbox"/> | <input type="checkbox"/> |
| | <input checked="" type="checkbox"/> Class II: | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | <input type="checkbox"/> Class III: | <input type="checkbox"/> | <input type="checkbox"/> |
| | <input type="checkbox"/> Class IV: | <input type="checkbox"/> | <input type="checkbox"/> |
| | <input type="checkbox"/> Lakes: | <input type="checkbox"/> | <input type="checkbox"/> |
| | <input type="checkbox"/> Other (Springs, Seeps) | <input type="checkbox"/> | <input type="checkbox"/> |

If YES, to above question list:

- Class of the water feature
- Associated WLPZ or ELZ and width
- Protection measures; determined from 14 CCR 916.5[936.5, 956.5], Table I. and/or 14 CCR 916.9[936.9, 956.9] et seq.
- Specify if Class III or IV watercourses will have a WLPZ or ELZ

| | |
|--|--|
| b. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will Class III or IV watercourses be protected with a WLPZ or ELZ? If YES, describe below |
|--|--|

LTO instructions:

| | Zone Type | Min. WLPZ Width | Protections | |
|----------------|-----------|-----------------|-------------|--|
| Class II; <30% | WLPZ | 50-ft | B, | Flag pair: blue/white-stripe (pre-printed) double hung with solid red flagging |

KEY TO PROTECTION MEASURES:

"B" WLPZ boundary shall be clearly identified on the ground by an RPF, or supervised designee, with paint, flagging, or other suitable means, prior to the start of timber operations.

Watercourse description and protection measures to be applied: (14 CCR 916.5)

Only a small portion of the WLPZ extends into the project area (.2 acres). Equipment is excluded from this area however trees within this area will be felled to provide clearance for helicopters utilizing the heliport. Timber shall be lifted or endlined from the WLPZ. Left in place these trees would pose a life safety risk to pilots and patients utilizing the heliport.

| | |
|--|--|
| c. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Is there any tractor road watercourse crossings that require mapping per 14 CCR 1034(x)(7) |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will TRACTOR road watercourse crossings involve the use of a culvert? If YES, per 14 CCR 914.8[934.8, 954.8](e) state the minimum diameter and length for each culvert. |

| Map Reference Points (MRP) | Culver Diameter | Culvert Length |
|----------------------------|-----------------|----------------|
| | | |
| | | |

| | |
|--|---|
| d. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Is there a Master Agreement for Timber Operations (MATO) for Streambed Alteration Agreement (SAA) approved by the Department of Fish and Wildlife for any portion of this plan? MATO or SSA Number: _____</p> <p>If YES, provide a list of the crossings, water drafting sites, or other water features to be used during operations and provide the conditions to be utilized and or consider from the MATO or SAA as operational instruction to the LTO in SECTION II.</p> |
|--|---|

MATO or SAA INSTRUCTIONS TO LTO

| Specific water feature under MATO or SAA (crossings, drafting sites, etc.) | Conditions of MATO or SAA to be utilized at each specific feature |
|--|---|
| | N/A |
| | |
| | |
| | |
| | |
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|--|---|
| e. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Is this THP Review Process to be used to meet Department of Fish and Wildlife CEQA review requirements?</p> <p>If YES, attach the required 1611 Addendum at the end of SECTION II and include any supporting information and analysis in SECTION III.</p> <p>List instructions to the LTO in SECTION II for installation, protection measures, and mitigation measures, per THP from instructions or CDF Mass Mailing (07/02/1999) "Fish and Game Code 1611 Agreements and THP Documentation."</p> |
| LTO INSTRUCTIONS: None | |

| | |
|--|--|
| f. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Are any exceptions provided under F & G code 1600 et seq., and made an enforceable part of plan?</p> <p>If YES, per 14 CCR 923 [943,963](d) identify the exceptions and provide the enforceable standards as instructions to the LTO in SECTION II.</p> |
|--|--|

| | |
|--|--|
| g. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will new drainage structures and facilities on watercourses that support fish or listed aquatic species be constructed?</p> <p>If YES, per 14 CCR 914.8[934.8, 954.8](c) and 923.9 [943.9, 963.9](c). Structures and facilities shall be fully described and allow unrestricted passage of all life stages of fish or listed aquatic species, and natural movement of bedload. Provide operational instructions to the LTO in SECTION II.</p> |
|--|--|

| | |
|--|---|
| Per 14 CCR 923.9(e) – The location of all NEW permanent constructed and reconstructed, and temporary logging road watercourse crossings, including those crossings to be abandoned or deactivated, SHALL be shown on a map. If the structure is a culvert intended for permanent use, the minimum diameter of the culvert and the method(s) used to determine the culvert diameter SHALL be specified in the plan, | |
| h. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Are there any NEW PERMANENT constructed logging road watercourse crossings requiring mapping? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Are there any NEW RECONSTRUCTED logging road watercourse crossings requiring mapping? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Are there any watercourse crossings to be ABANDONED or DEACTIVATED? |
| | If YES, to the above questions these crossing shall be shown on a map in section II |
| | Per 14 CCR 923.9(e) If any watercourse crossing has a culvert intended for permanent use, the minimum diameter of the culvert and the method(s) used to determine culvert diameter shall be stated in the plan. |
| | Per 14 CCR 923.9(f) permanent watercourse crossings that are constructed or reconstructed SHALL accommodate the estimated 100-year flood flow, including debris and sediment loads. |
| | Method for sizing crossing: N/A |
| i. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Is there any exception to flagging or otherwise identifying the location of any constructed or reconstructed road watercourse crossing prior to the pre-harvest inspection? If YES, per 14 CCR 923.9[943.9, 963.9](j) provide the explanation and justification in SECTION III. |
| j. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will other methods for diversion of overflow at culver crossings be utilized (other than critical dips) in the construction or reconstruction of logging road watercourse crossings which culverts? If YES, per 14 CCR 923.9[943.9, 963.9](j) provide instructions to the LTO in SECTION II identifying the methods to be used for the diversion of overflow at watercourse crossings. |
| Per 14 CCR 923.9[943.9, 963.9](k) watercourse crossings and associated fills and approaches SHALL be constructed and maintained to prevent diversion of stream overflow down the road, and to minimize fill erosion should the drainage structure become obstructed. | |
| k. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Are there any existing watercourse crossings that are located on logging roads within the logging area? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Are there any watercourse crossing proposed for construction located on logging roads within the logging area? |
| | If YES, per 14 CCR 923.9[943.9, 963.9](k) identify the crossing and provide the methods to mitigate or address the diversion of stream overflow at the crossing. |
| l. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will rock be used to stabilize crossing outlets? N/A If YES, per 14 CCR 923.9[943.9, 963.9](k) Rock used to stabilize outlets of crossings shall be adequately sized to resist mobilization of soil and significant sediment discharge. The range of rock size shall be described within the plan as instruction to the LTO in SECTION II indicate the range of the rock dimensions to be used. |

| | |
|---|--|
| m. <input type="checkbox"/> Yes <input type="checkbox"/> No N/A | Watercourse crossing proposed to be reconstructed or removed, are there any significant volumes of sediment accumulated upstream of the watercourse crossing? If, YES per 14 CCR 923.9[943.9, 963.9](n) provide instructions to the LTO, in SECTION II, describing how the material will be stabilized, removed (the extent feasible), and in conformance with CDFW agreements, where applicable. |
| n. <input type="checkbox"/> Yes <input type="checkbox"/> No N/A | Do logging road watercourse crossing drainage structures and other erosion control features have a high historical fail rate within the project area? |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | Do/will existing watercourse crossings utilizing a culvert have large amounts of fill material covering the culvert making up the crossing? |
| | If, YES per 14 CCR 923.9[943.9,963.9](o) drainage structures and erosion control features shall be oversized, designed for low maintenance, reinforced, or removed before the completion of timber operations or as specified in the approved plan. Provide instruction to the LTO in SECTION II identifying these crossings, providing instruction of how these crossings will be treated. |
| Guidance on reducing the potential for failure at high risk watercourse crossings may be found in “Board of Forestry Technical Rule Addendum Number 5: Guidance on Hydrologic Disconnection, Road Drainage, Minimization of Diversion Potential, and High Risk crossings” (1st Edition, revised 10/27/14) | |
| o. <input type="checkbox"/> Yes <input type="checkbox"/> No N/A | Will any logging road watercourse crossing be removed? If YES, provide instructions to the LTO, in SECTION II, describing the removal plan pursuant to the standards per 14 CCR 923.9[943.9, 963.9](p)(1)-(4) |

ITEM #27– WLPZ IN-LIEU OR ALTERNATIVE PRACTICES

| ITEM #27 | WLPZ IN-LIEU OR ALTERNATIVES |
|---|--|
| <p>Per 14 CCR 916.1[936.1, 956.1] (In-Lieu Practices) – In rule sections where provision is made for site specific practices to be proposed by the RPF, approved by the Director and included in the THP in lieu of a standard rule, the RPF shall: Reference the standard rule Explain and describe each proposed practice Explain how it differs from the standard practice, Explain and justify how the protection provided by the proposed practice is at least equal to the protection provided by the standard rule. Identify the specific location where it shall be applied. 14 CCR 1034(x)(15) and (16)</p> <p>Per 14 CCR 916.6[936.6, 956.6] (Alternatives) – Alternative prescription for the protection of watercourses and lakes may be developed by the RPF or proposed by the Director on a site specific basis provided the following conditions are complied with and the alternative prescription will achieve compliance with the standards set forth in 14 CCR 916.3[936.3, 956.3] and 916.4[936.4, 956.4](b) The alternative prescription shall include in the THP information per 14 CCR 916.6[936.6, 956.6]a)(1)-(3)</p> | |
| <p>a. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>Are there any site-specific practices proposed in-lieu of, or as an alternative, to the prohibition of the construction or use of tractor roads listed below?</p> <p>Per 14 CCR 916.3[936.3, 956.3](c) Timber operators shall not construct or use tractor roads in a Class I, II, III, IV watercourses, wet meadows and other wet areas unless explained and justified in the plan by the RPF. Except at: Prepared tractor crossing described in 14 CCR 914.8[934.8, 954.8](b) Class III watercourse crossings dry at the time of use At new and existing tractor road crossings approved as part of a Fish and Game Code Process (F&GC 1600 et seq.) If YES, provide operational information to the LTO under each item selected YES, in SECTION II. Provide the explanation and justification in SECTION III, (see table below)</p> |
| <p>b. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>Are there any site-specific practices proposed in-lieu of, or as an alternative, to the retention of non-commercial vegetation bordering and covering meadows and wet areas? 14 CCR 916.3[936.3, 956.3](d) If YES, provide operational information to the LTO under each item selected YES, in SECTION II. Provide the explanation and justification in SECTION III, (see table below)</p> |
| <p>c. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>Are there any site-specific practices proposed in-lieu of, or as an alternative, to the Directional felling of trees within any WLPZ away from the watercourse or lake? 14 CCR 916.3[936.3, 956.3](e) If YES, provide operational information to the LTO under each item selected YES, in SECTION II. Provide the explanation and justification in SECTION III, (see table below)</p> |
| <p>d. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>Are there any site-specific practices proposed in-lieu of, or as an alternative, to the standard WLPZ(s) width(s) identified in 14 CCR 916.5[936.5, 956.5], Table I? If YES, provide operational information to the LTO under each item selected YES, in SECTION II. Provide the explanation and justification in SECTION III, (see table below)</p> |
| <p>e. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>Are there any site-specific practices proposed in-lieu of, or as an alternative, to the protection of Class IV watercourse(s)? 14 CCR 916.4[936.4,956.4](c) and 916.5[936.5,</p> |

| ITEM #27 | WLPZ IN-LIEU OR ALTERNATIVES |
|---|--|
| | <p>956.5], Table I If YES, provide operational information to the LTO under each item selected YES, in SECTION II. Provide the explanation and justification in SECTION III, (see table below)</p> |
| <p>f. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>Are there any site-specific practices proposed in-lieu of, or as an alternative, to the exclusion of heavy equipment from the WLPZ except at those locations listed below?</p> <p>Per 14 CCR 916.4[936.4, 956.4(d)&(f) – Heavy equipment shall not be used in timber falling, yarding, or site preparation within the WLPZ unless such use is explained and justified in the THP and approved by the Director. Except at: Prepared tractor crossing described in 14 CCR 914.8[934.8, 954.8](b) Class III watercourse crossings dry at the time of use Existing road crossings New tractor and road crossings approved as part of a Fish and Game Code Process (F&GC 1600 et seq.) If YES, provide operational information to the LTO under each item selected YES, in SECTION II. Provide the explanation and justification in SECTION III, (see table below)</p> |
| <p>g. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>Are there any site-specific practices proposed in-lieu of, or as an alternative, to the establishment of ELZ(s) for Class III watercourses unless side slopes are, 30% and EHR is low? 14 CCR 916.4[936.4, 956.4](c)(1) If YES, provide operational information to the LTO under each item selected YES, in SECTION II. Provide the explanation and justification in SECTION III, (see table below)</p> |
| <p>h. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> | <p>Are there any site-specific practices proposed in-lieu of, or as an alternative, to the Retention of at least 50% of the overstory canopy in the WLPZ? 14 CCR 916.5[936.5, 956.5](e)“G” If YES, provide operational information to the LTO under each item selected YES, in SECTION II. Provide the explanation and justification in SECTION III, (see table below)</p> <p>All timber will be cut from the WLPZ to provide adequate clearance for the helicopter flight path and as part of the Timberland Conversion Process. A waiver of marking is requested for timber see 14(d).</p> |
| <p>i. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>Are there any site-specific practices proposed in-lieu of, or as an alternative, to the Retention of at least 50% of the understory in the WLPZ? 14 CCR 916.5[936.5, 956.5](e)“G” If YES, provide operational information to the LTO under each item selected YES, in SECTION II. Provide the explanation and justification in SECTION III, (see table below)</p> |
| <p>j. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>Are there any additional in-lieu or alternative practices proposed for watercourse or lake protection? If YES, provide operational information to the LTO under each item selected YES, in SECTION II. Provide the explanation and justification in SECTION III, (see table below)</p> |

ITEM #28-29 – DOMESTIC WATER NOTIFICATIONS

| ITEM #28 | DOMESTIC WATER NOTIFICATIONS |
|---|--|
| <p>Per 14 CCR 1032.10 – The THP submitter shall provide notice by letter to all other landowners within 1,000 feet downstream of the THP boundary whose ownership adjoins or includes a Class I, II, or IV watercourse(s) which receives surface drainage from the proposed timber operations.</p> <p>The notice shall request that the THP submitter be advised of surface domestic water use from the watercourse, within the THP or within 1,000 feet downstream of the THP boundary.</p> <p>When required to notice by letter, publication shall also be given one time by the THP submitter in a newspaper of general circulation in the area affected by the proposed project.</p> <p>Such letter and publication shall notify the adjoining party: of the proposed timber operation describe its legal location identify the name, if any, of the watercourse it may affect request a response by the property owner within ten days of the post-marked date on the letter or the date of publication as appropriate</p> <p>The RPF may propose, with justification and explanation, an exemption to such notification requirements, and the Director may agree.</p> <p>Copies of either notice, proof of service and publication, and any responses shall be attached to the THP (SECTION V) when submitted.</p> <p>If domestic use is noted, the plan shall contain mitigations necessary to protect domestic water use.</p> <p>THE PLAN SHALL NOT BE SUBMITTED UNTIL TEN DAYS AFTER THE ABOVE NOTIFICATION(S) HAVE BEEN COMPLETED</p> | |
| <p>a. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> | <p>Are there any landowners with 1,000 feet downstream of the THP boundary whose ownership adjoins or includes a class I, II or IV watercourse(s) which receive surface drainage from the proposed timber operations? If YES, the requirement of 1032.10. Proof of letter notification shall be included in THP SECTION V. If NO, notification exemption request below need not be answered.</p> |
| <p>b. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> | <p>Is an exemption to the notification requirements requested? (check notification requesting to be exempted) Letter Newspaper Both If YES, provide the explanation and justification for the exemption request in SECTION III of the THP.</p> |
| <p>c1. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>Was any information received in response to domestic water notifications indicating domestic water supplies may be present within or downstream of the project area?</p> |
| <p>c2. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>If YES, are there any additional mitigation measures needed beyond that required by standard watercourse and lake protection rules? If YES, provide the site-specific instruction to the LTO in SECTION II.</p> |

| ITEM #29 | SENSITIVE WATERSHEDS |
|--|--|
| <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>Is any part of the THP area within a Sensitive Watershed as designated by the Board of Forestry and</p> |

| | |
|----------|--|
| ITEM #29 | SENSITIVE WATERSHEDS |
| | Fire Protection? If YES, identify the watershed and list the special rules, operating procedures or mitigation that will be used to protect the resources identified at risk. |

| WATERSHED | SPECIAL RULE | MITIGATION MEASURES PROTECTING RESOURCES IDENTIFIED AT RISK |
|-----------|--------------|---|
| N/A | | |
| | | |
| | | |

ITEM #30 – HAZARD REDUCTION

| ITEM #30 | HAZARD REDUCTION |
|---|--|
| <p>Per 14 CCR 917, 937, 957 - Hazard reduction shall provide standards for the treatment of snags and logging slash in order to reduce fire and pest safety hazards in the logging area, to protect such area from potential insect and disease attack, and to prepare the area for natural or artificial reforestation while retaining wildlife habitat.</p> <p>Per 14 CCR 917.2, 937.2, & 957.2 – The following standards shall apply to the treatment of slash created by timber operations within the plan area and on roads adjacent to the plan area.</p> | |
| a. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Will slash treatment occur within 100 feet of the edge of the traveled surface of a PUBLIC road? |
| b. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Will slash treatment occur within 50 feet of the edge of the traveled surface of PERMANENT private roads open for public use where permission to pass is not required? |
| c. <input type="checkbox"/> Yes <input type="checkbox"/> No | [SOUTHERN only] Will slash treatment occur within 50 feet of the edge of the traveled surface of SEASONAL private roads open for public use where permission to pass is not required? |
| | <p>If YES to any of the above, slash created or trees knocked down by road construction or timber operations shall be treated by: (Select all that apply)</p> <p><input type="checkbox"/> lopping for Fire hazard reduction per (14 CCR 895.1)</p> <p><input type="checkbox"/> Piling and burning per (14 CCR 917.2, 937.2, 957.2(a)(1-3))</p> <p><input checked="" type="checkbox"/> chipping</p> <p><input type="checkbox"/> burying</p> <p><input checked="" type="checkbox"/> removal</p> <p><input type="checkbox"/> Other (explain)</p> |
| d. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Are there any permanently located structures maintained for human habitation in the project area requiring slash treatment?</p> <p>There are structures maintained for human habitation adjacent to the project boundary which will necessitate slash treatment on the property.</p> <p>If YES, identify distance slash treatment will occur and indicate the method of treatment</p> <p><input checked="" type="checkbox"/> Within 100 feet of permanent structure</p> <p><input checked="" type="checkbox"/> Removed</p> <p><input type="checkbox"/> Piled and burned per (14 CCR 917.2, 937.2, 957.2(a)(1-3))</p> <p><input type="checkbox"/> Other (explain)</p> |

| ITEM #30 | HAZARD REDUCTION |
|--|--|
| | <input checked="" type="checkbox"/> Between 100-200 feet of permanent structure <input checked="" type="checkbox"/> Lopped for fire hazard reduction (per 14 CCR 895.1) <input checked="" type="checkbox"/> removed <input checked="" type="checkbox"/> chipped <input type="checkbox"/> Piled and burned per (14 CCR 917.2, 937.2, 957.2(a)(1-3)) <input type="checkbox"/> Other (explain) |
| e. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Has the RPF or Director determined there is an unusual fire risk or other hazard exists within the proposed project area? If YES then lopping is required within 200-500 feet of permanent structures. |

| | |
|--|--|
| f. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Is the RPF proposing any alternatives to treating slash along roads and within 200 feet of structures.</p> <p>If YES, the RPF shall explain and justify in the plan how equal fire protection will be provided. The explanation and justification shall include:</p> |
| | <p>Description of the alternative treatment(s):</p> <p>Estimated amount / distribution of slash:</p> <p>Type of remaining vegetation:</p> <p>Topography:</p> <p>Climate:</p> <p>Degree of public exposure fire history:</p> <p>Provide a description of where the alternative will be used: (mapping area(s) is suggested)</p> |

| | |
|--|---|
| g. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Will piling and burning be used for hazard reduction?</p> <p>If YES, refer to 14 CCR 917.2, 937.2, 957.2(a)(1-3). (select all that apply)</p> <p><input type="checkbox"/> Piles created prior to September 1 shall be treated not later than April 1 of the year following its creation, or within 30 days following climatic access after April 1 of the year following its creation.</p> <p><input type="checkbox"/> Piles created on or after September 1 shall be treated not later than April 1 of the second year following its creation, or within 30 days following climatic access after April 1 of the second year following its creation.</p> |
| h. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Is the RPF proposing any alternatives to piling and burning from those required in 14 CCR 917.2, 937.2, 957.2(a)(1-2)?</p> <p>If YES, the RPF shall provide an explanation and justification in the plan to be approved by the director.</p> |

ITEM # 32 – BIOLOGICAL RESOURCES

| ITEM #32 LISTED PLANT or ANIMAL SPECIES INCLUDING HABITAT | |
|--|--|
| a. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <p>Are there any ANIMAL SPECIES, including their habitat(s), which are listed as rare, threatened or endangered under Federal or state law, or a sensitive species by the Board of Forestry associated with the THP area?</p> <p>If YES, identify the animal species and the provisions to be taken for the protection of the species.</p> |

| Listed and Sensitive Animal Species Table | | | | | |
|---|--|---|--|------------------|--|
| Animal Species | Species type Mammal / bird / reptile / amphibia / fish / Invertebrate | FEDERAL Threatened / endangered / | STATE Threatened / endangered / candidate | BOF Sensitive | Protection measures |
| Northern Goshawk | Bird | | | Sensitive | Pre-construction surveys will be conducted of operations occur between Feb. 1 and Aug. 31. |
| Osprey | Bird | | | Sensitive | Pre-construction surveys will be conducted of operations occur between Feb. 1 and Aug. 31. |
| Bald Eagle | Bird | | Endangered | Sensitive | Pre-construction surveys will be conducted of operations occur between Feb. 1 and Aug. 31. |
| Grey Wolf | Mammal | Endangered | Endangered | | No known activity sites within the Biological Assessment Area |
| California Wolverine | Mammal | | Threatened | | No known activity sites within the Biological Assessment Area |
| Fisher (West Coast) | Mammal | | | Sensitive | No known activity sites within the Biological Assessment Area |
| Sandhill Crane | Bird | | Threatened | | See Protection Measures listed below |

Protection Measures:

Northern Goshawk

If operations occur between February 1 through August 31, pre-construction surveys to identify active raptor nests shall be conducted by a qualified biologist within 14 days of construction initiation. If found to be occupying parts of the THP the following protection measures shall be implemented;

In accordance with the Forest Practice Rules, if a new occupied nest of a listed bird (ESA, CESA or Board of Forestry “Sensitive Species”) is discovered during timber operations, the LTO shall leave standing and unharmed the nest tree, screening trees, perch trees and replacement trees. Until any consultation, as required by the rules, occurs the following minimum protection measures will be in place: (a) vegetation disturbing activities shall be suspended within 0.25 miles of the nest, (b) all operations (per PRC Section 4527) shall be suspended within a 375-foot radius buffer of the occupied nest and (c) CDFW and CAL FIRE will be notified immediately. An amendment that shall be considered a minor amendment to the timber harvesting plan shall be filed reflecting such additional protection as is agreed between the operator and the Director after consultation with CDFW.

Osprey

If, during operations, an active osprey nest is found within 0.25 miles of the logging area, a consultation will be acquired from CDFW, and the following provisions shall apply (as per 14 CCR 939.2 and 939.3 and IS/MND):

1. The buffer zone for active osprey nests shall be a minimum of 300 feet (6.49 acres) in size.
2. Within the buffer zone, all designated nest trees, perch trees, screening trees, and replacement trees shall be left standing and unharmed.
3. For osprey, if operations occur between February 1 through August 31, pre-construction surveys to identify active raptor nests shall be conducted by a qualified biologist within 14 days of construction initiation. Sizes of buffers shall be determined by a qualified biologist based on the species, activities proposed near the nest, and topographic and other visual barriers. Buffers shall remain in place until the young have departed the area or fledged and/or the nest is inactive, as determined by the qualified biologist. If work is required within a buffer zone of an active bird nest, work may occur under the supervision of a qualified avian biologist. The qualified avian biologist monitoring the construction work will have the authority to stop work and adjust buffers if any disturbance to nesting is observed.

Bald Eagle

If a Bald Eagle nest is found post-approval the following protection measures shall apply, with conditional shut-down distances for operations January 15 thru August 15 or 4 weeks post-fledging. A) where a nest is topographically screened, operations shall cease within 0.25 miles of the nest; b) where a nest is within line-of-

sight, operations shall cease within 0.5 miles of the nest. A consultation will then be acquired from CDFW, and the following provisions shall apply (as per 14 CCR 939.2 and 939.3):

1. The buffer zone for active bald eagle nests shall be a minimum 0.5 miles in size.
2. No Clearcutting (or prescription closest to clearcut) will be allowed within the buffer zone.
3. All nest trees containing active nests, and all designated perch trees, screening trees, and replacement tree, shall be left standing and unharmed.
4. If operations occur between February 1 through August 31, pre-construction surveys to identify active raptor nests shall be conducted by a qualified biologist within 14 days of construction initiation. As per director determination CDFW will be consulted and final determination on operations and buffer will be made, for birds with no history of operations.

Grey Wolf

The Map of Known Wolf Activity(www.wildlife.ca.gov/conservation/mammals/gray-wolf) shall be checked each year of operations prior to operations. If timber operations intersect with known locations of wolves, CDFW shall be contacted for consultation. During timber operations, if a wolf den or rendezvous site is discovered all vegetation disturbing activities will be suspended within 0.25 mile of the site until CDFW and CalFire is contacted for a consultation. The results of consultation and any associated protection measures shall be amended into the plan. Vegetation disturbing activities can resume under the terms agreed to in the consultation once the consultation has been amended into the plan.

California Wolverine

If a wolverine is sited or if a den site or a suspected den site is discovered within a 750-foot radius of the THP during operations, operations will stop and the timber operator shall immediately notify the RPF, Department of Fish and Wildlife and CDFW. If a wolverine is detected, an amendment that shall be considered a minor amendment to the timber harvesting plan will be submitted to CalFire with any agreed upon protection measures.

Fisher

If a fisher is sighted within a THP during timber operations, all vegetation disturbing activities that could affect the site will be immediately suspended until a wildlife biologist determines whether further surveys or operational restrictions are necessary.

Sandhill Crane

If found to be occupying parts of the THP the following protection measures shall be implemented; In accordance with the Forest Practice Rules, if a new occupied nest of a listed bird (ESA, CESA or Board of Forestry "Sensitive Species") is discovered during timber operations, the LTO shall leave standing and unharmed the nest tree, screening trees, perch trees and replacement trees. Until any consultation, as required by the rules, occurs the following minimum protection measures will be in place: (a) vegetation disturbing activities shall be suspended within 0.25 miles of the nest, (b) all operations (per PRC Section 4527) shall be suspended within a 375-foot radius buffer of the occupied nest and (c) CDFW and CAL FIRE will be notified immediately. An amendment that shall be considered a minor amendment to the timber harvesting plan shall be filed reflecting such additional protection as is agreed between the operator and the Director after consultation with CDFW.

| | |
|--|--|
| b. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Are there any PLANTS, including their habitat(s), which are listed as rare threatened or endangered under Federal or state law, or a sensitive species by the Board of Forestry associated with the THP area?</p> <p>Please see Botanical Survey Report, Section V.</p> <p>If YES, identify the animal species and the provisions to be taken for the protection of the species.</p> |
|--|--|

| Plant Species Table | | | | |
|---------------------|---------------------------------|--------------------------------------|-----------------------------|---------------------|
| Plant Species | FEDERAL Threatened / endangered | STATE Rare / Threatened / Endangered | CRPR (1A, 1B, 2A, 2B, 3, 4) | Protection measures |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| NON-LISTED SPECIES IMPACTS | |
|--|--|
| c. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Are there any NON-LISTED species which will be significantly impacted by the operation?</p> <p>If yes, identify the species and the provisions to be taken for the protection of the species.</p> |

| Non-Listed Species Table | | |
|--------------------------|--|--|
| Species | Species type Mammal / bird / reptile / amphibia / fish / Invertebrate | Protection measures |
| | | |
| | Bird | Pre-construction surveys will be conducted of operations occur between Feb. 1 and Aug. 31. If an occupied nest of a non-listed raptor is discovered during operations the LTO shall suspend all vegetation disturbing activities within 375' of the nest until a qualified biologist or forester has established a no-disturbance buffer. The CAL FIRE inspector and local CDFW representative shall be notified of the nest location within 5 days of discovery. No amendment to the THP is necessary for these actions. |
| | | |
| | | |
| | | |

ITEM # 35 –OTHER WILDLIFE PROTECTION REQUIRED BY FOREST PRACTICE RULES

| | |
|--|---|
| a. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <p>Are there any other provisions for wildlife protection required by the rules?</p> <p>If YES, describe.</p> |
| Description: | |

ITEM # 33 – SNAGS

| ITEM #33 SNAGS | |
|---|--|
| Per 14 CCR 919, 939, 959 – Timber operations shall be planned and conducted to maintain suitable habitat for wildlife species as specified by the provisions of Article 9 of the Forest Practice Rules. | |
| Within the logging area all snags shall be retained to provide wildlife habitat with the exception of snags for safety reasons Per 14 CCR 919.1, 939.1, 959.1(a)-(f) | |
| a. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Are there any snags which must be felled for fire protection or safety reasons? |
| b. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Will snags over 20 feet in height and 16 inches dbh be felled within 100 feet of a main ridge that is suitable for fire suppression? If YES, ridge shall be delineated on a THP map. |
| c. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Will snags over 20 feet in height and 16 inches dbh be felled within 100 feet of all public roads, permanent roads, landings and railroads? (select all that apply) <input checked="" type="checkbox"/> Public road(s) <input type="checkbox"/> Permanent road(s) <input type="checkbox"/> Landing(s) <input type="checkbox"/> Railroad(s) |
| d. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Will snags be felled where federal and state safety laws and regulations require the felling of snags? |
| e. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Will snags be felled within 100 feet of structures maintained for human habitation? |
| f. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Will merchantable snags be felled in any location as provided for in the plan? |
| g. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Will snags be felled as required to control insect or disease concerns? |

ITEM # 34 – LATE SUCCESSIONAL FOREST STANDS

| ITEM #34 LATE SUCCESSIONAL FOREST STANDS | |
|--|--|
| a. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Are any Late Successional Forest stands proposed for harvest? If YES, describe measures to be implemented by the LTO to avoid long-term significant adverse effects on fish, wildlife and listed species known to be primarily associated with late successional forests. |
| Describe: | |

ITEM # 36 – CULTURAL RESOURCES

| ITEM #36 ARCHAEOLOGICAL / HISTORICAL | |
|--|--|
| a. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Has an archaeological / historical survey been made for the THP area? |
| b. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Has a current archaeological / historical records check been conducted for the THP area? |
| c. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | During pre-field research and surveys were archaeological or historical sites identified within the plan area? |

ITEM #36 ARCHAEOLOGICAL / HISTORICAL

| | |
|--|---|
| | <p>If YES, THIS INFORMATION IS CONFIDENTIAL AND NOT AVAILABLE TO REVIEW AGENCIES, OTHER THAN CAL FIRE, AND THE GENERAL PUBLIC.</p> <p>RPF is advised to complete the Confidential Archaeological Addendum (CAA) and place in Section VI of the THP.</p> |
|--|---|

ITEM # 37 – GROWTH AND YIELD INFORMATION

| | |
|--|--|
| <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>Has any inventory or growth and yield information designated “TRADE SECRET” been submitted in a separate confidential envelope in Section VI of this THP?</p> <p>If YES, THIS INFORMATION IS CONFIDENTIAL AND NOT AVAILABLE TO REVIEW AGENCIES.</p> |
|--|--|

ITEM # 38 – SPECIAL INSTRUCTIONS OR CONSTRAINTS

| CONDITION Flagging codes / water drafting / paint colors etc. | INSTRUCTION |
|---|-------------|
| | |
| | |
| | |
| | |