OFFICIAL RESPONSE TO SIGNIFICANT ENVIRONMENTAL POINTS RAISED DURING THE TIMBER HARVESTING PLAN EVALUATION PROCESS

FROM THE DIRECTOR OF THE CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION (CAL FIRE)

TIMBER HARVESTING PLAN (THP) No:	1-15-035 HUM
SUBMITTER:	Richard McLennan
COUNTY:	Humboldt
END OF PUBLIC COMMENT PERIOD:	June 8, 2015
DATE OF RESPONSE AND APPROVAL:	July 14, 2015

The California Department of Forestry and Fire Protection (CAL FIRE) serves as the lead agency in the review of Timber Harvesting Plans. These plans are submitted to CAL FIRE, which directs a multidisciplinary review team of specialists from other governmental agencies to ensure compliance with environmental laws and regulations. As a part of this review process, CAL FIRE accepted and responded to comments, which addressed significant environmental points raised during the evaluation of the plan referenced above. This document is the Director's official response to those significant environmental points, which specifically address this Timber Harvesting Plan. Comments, which were made on like topics, have been grouped together and addressed in a single response. Remarks concerning the validity of the review process for timber operations, questions of law, or topics and concerns so remote or speculative that they could not be reasonably assessed or related to the outcome of a timber harvesting operation, have not been addressed.

Sincerely,

LESLIE MARKHAM
Deputy Chief, Forest Practice
RPF #2529

STAFF FORESTER: mr
cc: RPF, Unit, File; Timber Owner, Timberland Owner and/or Submitter
CP, CDFW, DPR, & RWB (through ftp://thp.fire.ca.gov/THPLibrary/North_Coast_Region/)

PUBLIC NOTIFICATION

To inform the public of this proposed Timber Harvesting Plan (THP) and determine if there were any concerns with the plan the following actions were taken:

- Notification of the receipt of a Timber Harvesting Plan was sent to the adjacent landowner(s).
- Notice of the receipt of the plan was submitted to the county clerk for posting with other environmental notices.
- Notice of the plan was posted at the Department's local office and also at the regional office in Santa Rosa.
- Notice of the receipt of the THP was sent to those organizations and individuals on the Department's list for notification of plans in the county.
- A "Notice of the Intent to Harvest Timber" was posted near the plan site if the plan is within 300 feet from other ownerships.

THP REVIEW PROCESS

The laws and regulations that govern the Timber Harvesting Plan review process are found in Statute law in the form of the Forest Practice Act which is contained in the Public Resources Code (PRC) and Administrative law in the rules of the Board of Forestry and Fire Protection (the Forest Practice Rules) which are contained in the California Code of Regulations (CCR).

The Forest Practice Rules are lengthy in scope and detail and provide explicit instructions for permissible and prohibited actions that govern the conduct of timber operations in the field. The major categories covered by the rules include:

- Timber Harvesting Plan contents and the Timber Harvesting Plan review process
- Silvicultural methods
- Harvesting practices and erosion control
- Site preparation
- Watercourse and lake protection
- Hazard reduction
- Fire protection
- Forest insect and disease protection practices
- Coastal Commission Special Treatment Areas
- Use, construction and maintenance of logging roads and landings
- County-specific rules

When a THP is submitted to the Department, it undergoes a multidisciplinary review consisting of several steps. In addition to CAL FIRE, the Review Team members include representatives of the California Department of Fish and Wildlife (CDFW); the appropriate Regional Water Quality Control Board (RWQCB or RWB); California Geological Survey (CGS); the Department of Parks and Recreation (DPR); the appropriate County Planning office; and if within their jurisdiction, the Coastal Commission (CC) (14 CCR §1037.5(a)). Once submitted the Director determines if the plan is accurate, complete, and in proper order, and if so, files the plan (14 CCR §1037). In addition, the Review Team determines whether a Pre Harvest Inspection (PHI) is necessary, and what areas of concern are to be examined during the inspection (14 CCR §1037.5(g)(1)).

If the plan is accepted for filing, and a PHI is determined to be needed, a field review is conducted to evaluate the adequacy of the THP. All agency personnel who comprise the multidisciplinary Review Team are invited to attend the PHI as well as other experts and agency personnel whom the Department may request. During this field review, additional mitigation and/or recommendations may be formulated to provide greater environmental protection. These recommendations are forwarded to the Registered Professional Forester (RPF) along with the Review Team member's PHI Report. The RPF will respond to the recommendations made and forward these to the Region office and Second Review Team Chair.

A Second Review Team meeting is held where members of the multidisciplinary Review Team meet to review all the information in the plan, and develop a recommendation for the Director (14 CCR §1037.5(g)(2)). Prior to and/or during this meeting they examine all field inspection reports, consider comments raised by the public, and discuss any additional recommendations or changes needed relative to the proposed THP. These recommendations are forwarded to the RPF. If there are additional recommendations, the RPF will respond to each recommendation, and forward his responses to the regional office in Santa Rosa.

The representative of the Director of the Department reviews all documents associated with the proposed THP, including all mitigation measures and plan provisions, written correspondence from the public and other reviewing agencies, recommendations of the multidisciplinary Review Team, and the RPF's responses to questions and recommendations made during the review period. Following consideration of this material, a decision is made to approve or deny a THP.

If a THP is approved, logging may commence. The THP is valid for up to five years, and may be extended under special circumstances for a maximum of two more years, for a total of seven years.

Prior to commencing logging operations, the RPF must meet with the Licensed Timber Operator (LTO) to discuss the THP (CCR §1035.2); a CAL FIRE representative may attend this meeting. The Department makes periodic field inspections to check for THP and rule compliance. The number of inspections depends upon the plan size, duration, complexity, and the potential for adverse impacts. Inspections include but are not limited to inspections during operations pursuant to Public Resources Code (PRC) section 4604, inspections of completed work pursuant to PRC section 4586, erosion control monitoring as per PRC section 4585(a), and a stocking inspection as per PRC section 4588.

The contents of the THP, the Forest Practice Act, and rules, provide the criteria CAL FIRE inspectors use to determine compliance. While the Department cannot guarantee that there will be no violations, it is the Department's policy to vigorously pursue the prompt and positive enforcement of the Forest Practice Act, the Forest Practice Rules, related laws and regulations, and environmental protection measures that apply to timber operations on non-federal land in California. This enforcement is directed primarily at preventing forest practice violations, and secondarily at prompt and adequate correction of violations when they occur.

The general means of enforcement of the Forest Practice Act, the rules, and other related regulations range from the use of violation notices, which require corrective action, to criminal proceedings through the court system. Timber Operator and Registered Professional Forester licensing action may also be pursued. Most forest practice violations are correctable and the Department's enforcement program assures correction. Where non-correctable violations occur, criminal action is usually taken. Depending on the outcome of the case and the court in which the case is heard, some sort of environmental corrective work is usually done. This is intended to offset non-correctable adverse impacts.

Once harvesting operations are finished, a completion report must be submitted certifying that the area meets the requirements of the rules. CAL FIRE inspects the area to verify that all aspects of the applicable rules and regulations have been followed, including erosion control work. Depending on the silvicultural system used, the stocking standards of the rules must be met immediately or in certain cases within five years. A stocking report must be filed to certify that the requirements have been met.

ABBREVIATIONS

BAA	Biological Assessment Area	FPR	Forest Practice Rules
CAL FIRE	California Department of Forestry & Fire Protection	FWS	U.S. Fish and Wildlife Services
CCR	California Code of Regulations	LTO	Licensed Timber Operator
CEQA	California Environmental Quality Act	NSO	Northern Spotted Owl
CESA	California Endangered Species Act	RPF	Registered Professional Forester
CGS	California Geological Survey	TA	Technical Assistance
DBH/dbh	Diameter Breast Height	THP	Timber Harvesting Plan
ESA	Endangered Species Act	USFWS	U.S. Fish and Wildlife Services

[sic] Word used verbatim as originally printed in another document. May indicate a misspelling or incorrect word usage.

SIGNIFICANT ENVIRONMENTAL CONCERNS

THP 1-15-035 HUM was received on April 10, 2015, and filed April 16, 2015. A pre harvest inspection was conducted on April 24, 2015 with CAL FIRE, CGS and the RPF who prepared the plan. After receipt of the plan significant new information was added to the plan which disclosed, and provided mitigation for, an active domestic water line located on the property. The plan was recirculated, and the public comment period was reopened for 30 days, closing on July 9, 2015.

Three letters of concern were submitted to the California Department of Forestry and Fire Protection (CAL FIRE). The first letter was received on May 5, 2015 by Patricia E. Patrick; a second letter was received on June 1, 2015 by Gabrielle Roach; and a third letter was received on June 29, 2015, by Ali Freedlund.

The concerns are responded to in date order received.

1. **CONCERN**: The comment letter received on April 25, 2015 generally identified concerns for accuracy of Item 5 of the Notice of Intent (i.e. name of, and distance from, the nearest perennial stream and major watercourse flowing through or downstream from the timber operation). Specifically the letter states that "East Fork Dry Creek" may be the nearest named watercourse.

RESPONSE: Requirements for a Notice of Intent (NOI) can be found in 14 CCR 1032.7 of the Forest Practice Rules. The Notice of Intent is posted for the public, and mailed to all property owners within 300 feet of the plan boundary for the purpose of: notifying them that timber operations are proposed; indicating who owns the property; who the plan preparing RPF is; describing the location of the plan area; identifying the name and distance from the nearest perennial stream flowing through or downstream of the property; identifying the acres to be harvested; and identifying the regeneration method proposed. The NOI is further required to have a map that depicts the plan boundary.

Although the locals may know the watercourse immediately west of the plan area as "East Branch Dry Creek", this name does not appear on the Bull Creek USGS quadrangle, a portion of which is provided on the NOI map. The NOI correctly identifies the closest named watercourse (Middle Creek) which meets the requirements of the rule. The NOI also provides the distance to Dry Creek, which is a labeled watercourse on the NOI map, as additional information to assist neighboring landowners and the public with identifying where the plan area is located in relationship to their own properties. The RPF further indicates that Dry Creek and Middle Creek are both tributaries to the Mattole River. The NOI correctly addresses the noticing requirements of the Forest Practice Rules.

2. **CONCERN**: I am writing in regard to THP - HUM located in Panther Gap, Mattole River Watershed, southern Humboldt County.

Enclosed please find the attachments, which establish my easement and right to a waterline and maintenance of through the area of the proposed timber harvesting.

I recently attended a second review board meeting along with another neighbor. We met with Chris Curtis.

I have spoken with Steve Hohman the forester writing the plan a and he had previously agreed to forego any use of a fuller buncher and had requested copies of my water rights, which you will find attached here in my communications with Tim Meyers of Cal Fire.

I have met, on site with Tim Meyers of Cal Fire, Steve Hohman the forester and Mr. McLennan the landowner, to discuss my concerns regarding possible damage or disruption to the gravity flow water system, which I am dependent upon.

We walked the line together and discussed the various ways in which they could accomplish their task without braking, draining or air locking the flow during fire season.

Mr. McLennan agreed to move his new fence which is currently blocking the path to the to work on the water line.

Trees will be directionally fallen away from waterline.

Consideration to shade above line will be given as direct sun will bake the line and heat the water. As to the nature of the system it frequently needs to be shaken and can not be buried. The line runs through a proposed 2.5 acre clear cut within the THP.

The landowner mentioned his intent of running sheep in this space afterwards. This would be a conversion and I am concerned about the manure runoff contaminating my water should the line brake. I am not familiar with the agricultural protocols for such a situation. I hope this will be explained to me in greater detail.

After discussion two trees located above the road were marked to leave as they were holding together a steep embankment above the road, which accesses several parcels and homes.

A 25 ft. ELZ for heavy equipment will not be used. Protection of the line will be necessary in the area where a new road is being made. They have also agreed to keep equipment on hand as to not block the access road.

Concerns regarding the clean up of slash were expressed by numerous neighbors.

PG&E lines may need to be unhooked at times and I am not sure how neighbors will be notified. I appreciate Mr. Meyers coming out to look at the reality of the situation. I also appreciate the cooperation of Mr. Hohman and Mr. Mclennen. Please add these notes to your conversation.

RESPONSE: The concern was received prior to revisions made to the plan, which partly were in response to the concerns expressed; and prior to the subsequent recirculation of the plan. Protections provided relative to the power lines, road, and the above ground domestic water source and pipe line located within the THP area, are provided in THP Section II, Item 38, page 27 as follows:

> "The LTO will provide signage along Panther Gap Road, when falling trees adjacent to, or within falling distance of the road.
>
> PG&E lines may need to be unhooked or lowered by PGE&E for harvest of timber. LTO shall work with PG&E to notify neighbors prior to the process occurring.
>
> Gabrielle Roach Waterline: Please see THP map page 29 to identify the waterline. The LTO shall follow the listed instructions below:
>
> 1. The above ground waterline that serves as the water supply line for Gabrielle Roach shall be flagged in the field with red flagging.
> 2. A 25 foot EEZ, except for road crossings, shall be established adjacent to the waterline.
> 3. Group selection shall not occur within 25' of the waterline. Single tree selection shall only occur.

4. Trees shall be directionally felled away from the waterline.
5. The LTO shall notice Gabrielle Roach (707-672-2383) prior to falling trees that may reach the waterline.
6. If the waterline is broken during operations. LTO shall notify the Gabrielle Roach immediately. LTO shall have repair parts on site to repair the line if damage occurs.
7. LTO shall burry waterline or place fill on top of waterline to cross with equipment at the existing or proposed roads."

As indicated above, enforceable measures have been included in the plan to address any potential waterline breakage. The RPF has considered the potential for the direct sun to impact the line, and mitigated this by stipulating that single tree selection only shall occur in the vicinity of the waterline. All areas shall be fenced from livestock until stocking is established, and only used after that for removal of pioneer species such as grasses and ceanothus (ref. plan pages 5 and 35). To additionally, protect the waterline, a 25 foot equipment exclusion zone will be provided, except at the existing and proposed road crossings, where the LTO shall bury the waterline, or place fill on top of the waterline.

PG & E lines will be lowered as needed to harvest timber. Additionally, signage will be provided along Panther Gap Road, when trees are felled within falling distance of the road.

Regarding the two additional trees identified for retention, the RPF indicated in his June 8, 2015 responses that: "Trees were unmarked during walk through with the landowner and Gabriel Roach. This is an agreement between landowners. No significant cumulative damage to the resources will occur to the trees were taken or left."

Page 20 of the plan identifies the:

Treatment of Slash to Reduce Fire Hazard (See Structures located on THP Map)

A) Slash to be treated by piling and burning shall be treated not later than April 1, of the year following its creation, or within 30 days following climatic access, or as justified in the plan.

B) Within 100 feet of the edge of the traveled surface of public roads, and 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, slash created and trees knocked down by road construction or timber operations shall be treated by lopping for fire hazard reduction, piling and burning, chipping, burying or removal from the zone

C) All woody debris created by timber operations greater than one inch but less than eight inches in diameter within 100 feet of permanently located structures maintained for human habitation shall be removed or piled and burned; all slash created between 100-200 feet of permanently located structures maintained for human habitation shall be lopped for fire hazard reduction, removed, chipped or piled and burned; lopping may be required between 200-500 feet where unusual fire risk or hazard exist as determined by the Director.

3. **CONCERN**: On behalf of the Mattole Restoration Council I am writing with a brief comment about the above referenced Timber Harvest Plan (THP). This plan was brought to our attention by two neighboring landowners. Thank you for opening the public comment on this plan again.

   In late May I met with one of the neighbors, Gabrielle Roach, to hear her concerns about the THP. Her situation with her waterline has since been resolved. We applaud the steps taken to ensure access and protection to her waterline, something the landowner was not aware of prior to her voicing concerns. What is striking is how forest management can bring neighbors together (especially relatively new neighbors) for a necessary conversation. However, the implementation of this THP could impact other neighbors due to PG&E lines that run through the unit as well as an access road for at least a dozen other parcels. Both the line and the road are in the middle of plans to fall timber. I encourage the landowner to organize a phone tree list of neighbors that could be affected in the event one or both are temporarily shut down. I also encourage them to notify their neighbors ahead of time. Maybe this was already planned.

I also spoke with the forester, Steve Hohman, on two separate occasions. He politely answered all of my questions. This letter is only meant to encourage a neighborly outreach. The irony is that many other landowners do whatever they want on their land regardless of possible impacts to neighbors—including overuse of water (which affects us all), noise of all kinds, dust, roaming pets, dangerous driving etc. For this reason we applaud the landowners for using the THP process in pursuing their land management goals. May we all continue to learn how to better live as neighbors with each other and protect the watershed we call home.

RESPONSE: The concern letter was generally complimentary of the process. There was a concern with regard to the power lines, which the RPF addressed on page 27 of the plan, with the following: "PG&E lines may need to be unhooked or lowered by PG&E for harvest of timber. LTO shall work with PG&E to notify neighbors prior to the process occurring." Additionally, with regard to road access, signage will be provided along Panther Gap Road when trees are felled within falling distance of the road. Please see Response #2 above.

July 14, 2015
Date of Director's Decision

OFFICIAL NOTICE OF THE DIRECTOR OF FORESTRY'S DETERMINATION OF CONFORMANCE OF TIMBER HARVESTING PLAN OR AMENDMENT TO TIMBER HARVESTING PLAN WITH THE FOREST PRACTICE ACT AND BOARD OF FORESTRY REGULATIONS

The Director of Forestry found, on the date shown above, that the Timber Harvesting Plan, Non-Industrial Timber Management Plan (NTMP), or amendment (AM) listed below is in conformance with the Forest Practice Act, and Board of Forestry regulations pursuant thereto. This notice is posted in compliance with sections 1037.1 and 1037.8, Title 14, California Code of Regulations.

Copies of this Harvest Document and related documents are available for inspection at: 118 Fortuna Blvd., Fortuna, CA 95440 (707) 725-4413.

Plan number County	Submitter	Acres	Location	Waterway	Silviculture or Proposed Amendment
1-15-035 HUM	RICHARD MCLENNAN	30	SECTION 26 T2S R1E HBM	DRY CREEK	GROUP SELECTION

TO POSTING AGENCY: Please post this Notice at the place where official notices concerning Environmental Quality Act compliance are usually posted. If there are questions concerning posting, please contact: Forest Practice Office, California Department of Forestry and Fire Protection, 135 Ridgway Avenue, Santa Rosa, CA 95401
Telephone : (707) 576-2959

cc: RPF, TO/TLO/SUBMITTER, HUU, CC, EQ, SAC, POST, FILE, ftp://thp.fire.ca.gov/THPLibrary/North_Coast_Region/

Posting Period is 30 Days

AMENDMENT NO 1 (MINOR)

Hohman and Associates
FORESTRY CONSULTANTS
P.O. Box 733, Hydesville CA 95547
Phone (707) 768-3743 Fax (707) 768-3747
shohman@hohmanandassociates.com

This amendment conforms to the rules and the regulations of the Board of Forestry and the Forest Practice Act. 17 Aug
Reviewed by NTMS date routed 2015
cc: Unit (2) ~~DFG~~ ~~WQ~~ ~~OE~~ ~~PR~~ BoE Sub RPF

August 17, 2015

California Department of Forestry and Fire Protection
135 Ridgeway Avenue.
Santa Rosa, CA. 95401

Dear Director:

SUBJECT: MINOR AMMENDMENT FOR 1-15-035 HUM.

Please amend Zerlang Logging & Construction as the LTO for 1-15-035 HUM.

LTO Addresses are as follows:

Ground Based Logging, Timber Falling &
Road Construction/Reconstruction
Zerlang Logging & Construction
3627 Tami Drive
Fortuna, CA 95540
707-407-5761
(LTO# A-10423)

Sincerely,

Stephen Hohman, RPF #2652

Hohman & Associates

RECEIVED
AUG 17 2015
COAST AREA OFFICE
RESOURCE MANAGEMENT

State of California
Department of Forestry and Fire Protection

(Administrative Use Only-Area_____)
(Plan No._____)
(Date Received_____)
(Amendment Number 1 minor) - Cont

LICENSED TIMBER OPERATOR RESPONSIBILITY ACKNOWLEDGEMENT

(As per Section 1035.3 Title 14, CCR)

Harvesting Plan Number:

Licensed Timber Operator Information

Name: Zerlang Logging & Construction

Street Address/PO Box: 3627 Tami Drive City: Fortuna Zip Code: 95540

Telephone Number: 707-407-5781 LTO Number: A10423

As the LTO listed above I acknowledge responsibility for the following:

1) Inform the responsible RPF or plan submitter orally or in writing of any site conditions, which in The LTO's opinion prevent implementation of the approved plan and amendments.
2) Be responsible for the work of his or her employees and familiarize all employees with the intent and details of the operational and protection measures of the plan and amendments that apply to their work.
3) Keep a copy of the applicable approved plan and amendments available for reference at the site of active timber operations.
4) Comply with all provisions of the Act, Board rules and regulations and the applicable approved plan, and amendments.
5) Attend an on-site meeting or discuss archaeological site protection with the RPF or supervised designee familiar with on-site conditions.
6) To inquire of the plan submitter, timberland owner or their authorized agent, RPF who wrote the plan, or the supervised designee, if any mitigation measures or specific operating instructions are contained in the Confidential Archaeological Addendum or any other confidential addendum to the plan.
7) Provide the RPF responsible for professional advice throughout the timber operations, the name, address and phone number of an on-site contact employee authorized by the LTO to receive RPF advice.
8) Keep the RPF responsible for professional advice throughout the timber operations advised of the status of timber operation activity.
9) Within 5 days before, and not later than the startup of timber operations, notify the RPF of the start of timber operations.
10) Within 5 days before, and not later than the shutdown of a timber operation, the LTO shall notify the RPF of the shutdown of timber operations.
11) Cease operations, except for emergencies and operations needed to protect water quality, upon receipt of written notice of an RPF's withdrawal of professional services from the plan. The LTO shall not resume operations until written notice is received from the plan submitter that another RPF has visited the site and accepts responsibility for providing advice regarding the plan as the RPF of record.

In addition to the above, I have specific responsibilities for the following:_____

I have read and understand my responsibilities as the Licensed Timber Operator summarized above and specifically described in 14 CCR 1035.3. I will fulfill my legal obligation as stated in the forest practice rules, and agree to fulfill my responsibilities as described above.

LTO Signature: Shannan Zerlang Title: LTO

Responsible On-Site Contact (If different)

Name:_____

Printed Name:_____ Date:_____

Street Address/PO Box #:_____ City:_____ Zip:_____

Telephone Number:_____

RECEIVED
AUG 17 2015
COAST AREA OFFICE
RESOURCE MANAGEMENT

4-10-15

NOTE

"Information concerning archaeological sites has been removed from **THP 1-15-035 HUM** pursuant to California Government Code Section 6254.10 which exempts cultural resources site location information from the California Public Records Act and provides authority for widespread state policy (not just within the California Department of Forestry and Fire Protection) to keep archaeological site location information confidential. This exemption to the Public Records Act recognizes that providing site location information to the general public may put such sites at risk from artifact hunting, excavations and/or vandalism."

Copies of the information have been sent to the following locations to facilitate review of the project:

1. CAL FIRE field unit – Fortuna

2. Reviewing Archeologist, Santa Rosa (Region Office)

The original copy of this material is maintained in a confidential file at CAL FIRE's Northern Region Headquarters, 135 Ridgway Avenue, Santa Rosa, CA 95401.

copied 1c 7/3/15

no dates

CONFIDENTIAL
FINAL VERSION

DEPARTMENT OF FORESTRY AND FIRE PROTECTION
135 Ridgway Avenue
Santa Rosa, California 95401
(707) 576-2959
Website: www.fire.ca.gov

TIMBER OWNER/TIMBERLAND OWNER or PLAN SUBMITTER:

This report contains confidential cultural resources location information. Therefore, distribution of it should be restricted to those with a need to know. Archaeological and historical sites are types of cultural resources that are nonrenewable and their scientific, cultural and aesthetic values can be significantly impaired by disturbance. To deter vandalism, artifact hunting, and other activities that can damage cultural resources, the locations of such sites should be kept confidential. The legal authority to restrict cultural resources information is in California Government Code Section 6254.10 which exempts cultural resources site location information from the California Public Records Act and provides authority for widespread state policy (not just within the California Department of Forestry and Fire Protection) to keep archaeological site location information confidential. This exemption to the Public Records Act recognizes that providing site location information to the general public may put such sites at risk from artifact hunting, excavations and/or vandalism.

Cc: Unit
RPF

Part 3: Native American Consultation Information

(X) Example of a notification letter(s) (including maps) is attached

List of Native American individuals or groups that were provided written notification:

- ***Native American Heritage Commission,***
- ***Wiyot Tribe***
- ***Bear River Band of Rohnerville Rancheria***
- ***InterTribal Sinkyone Wilderness Council***
- ***Round Valley Indian Tribes of the Round Valley Reservation***
- ***Wailaki Tribe***

Date of the CDF Native American Contact List that was used: ***March 7, 2015***

Date notification was sent: ***March 7, 2015***

Results of Information Request:
(X) No reply received as of (date):
( ) Written reply received (copy attached):
( ) Verbal reply received (summarize reply below):
(X) Native American archaeological or cultural sites were not identified within the plan
( ) Native American archaeological or cultural sites have been identified within the plan

Date Notification Letters were sent to Native Americans (if applicable):
Date copies of notification letters sent to the Director:
Results of Notification to Native Americans:
( ) No reply received as of (date):
( ) Written reply received (copy attached)
( ) Verbal reply received (summarize reply below):

Part 4: Pre-Field Research

Literature Reviewed:

- ***CDF-CLFA Archeological Training Program Reference Manual and Study Guide, Volume 1 and 2***
- ***Records Check and Map provided by the North West Information Center***
- ***Bull Creek 7.5' Quadrangle***
- ***Handbook of North American Indians Volume 8; California, Robert F. Heizer, pg 155***
- ***The Hand book of Indians of California (Kroeber 1925), pg 114.***
- ***Tribes of California (Powers 1976), Chapter 12, pgs 107-113.***
- ***California Athabascan Groups. (Baumhoff 1958) - Anthropological Records Vol 16, No. 5, pgs 181-183.***
- ***Landowner*** **Richard McLennan**

Summary of Results of Pre-Field Research:

Tribal Territory within the plan area is believed to be in the Mattole Territory. Reviewing maps from Kroeber 1925, it appears that the Sinkyone Territory was ½ mile north east of the project area along a trending ridge. Due to the project location high on the ridge and far from the Mattole drainage, we expected to find little to no evidence of camps with low probability of hunting party evidence. The potential that the ridge was used as a trail linking other drainages is higher due to USGS maps showing a historic structures ¾ mile south of the project with mapped springs. We could expect to find midden, bedrock and portable mortars, pestles, manos, metates, milling stones, hammer stones, bifaces, projectiles, and other lithic scatters possibly discarded during transport.

Historic homestead sites and trails may be present in the grass flats and adjacent to the timberland area. As discussed above, there is a structure noted on the USGS maps ¾ mile south of the project area. The route to the property passes within the eastern portion of the property. We could expect to find old logging debris, houses, barns, fences, orchards, collapsed structures, foundations and chimneys.

An Archaeological Survey Report for the Panther Gap Timber Harvesting Plan Humboldt County, California

by:

Stephen Hohman
Registered Professional Forester
Hohman & Associates
P.O. Box 733
Hydesville, CA 95547
(707) 768-3743
3/24/15

Signature of RPF or Archaeological Surveyor

Part 1: Project Information

THP number: 1-15-035 HUM

THP Name: ***Panther Gap THP***

Name, address and telephone number of the RPF:

Stephen Hohman RPF #2652
Hohman & Associates
P.O. Box 733
Hydesville, CA 95547
(707) 768-3743

Project Size (acres):	***32 acres***
Name of 7.5' USGS Quad Map:	***Bull Creek 7.5' Quadrangle***
Name of Landowners:	**Richard McLennan**
Legal Location:	***Portion of Sections 26, T2S, R1E, HB&M.***
Project Description:	***Timber Harvesting Plan***

Part 2: Archaeological Records Check Information

Date of Records Check Conducted by Information Center: ***December 18, 2014***

Information Center File Number: ***NWIC 14-0757***

Summary of Records Check Results: ***There are no prehistoric sites recorded. There are no historic sites recorded. There is a moderate potential of finding Native American resources and a low potential of finding historic period cultural resources.***

(X) Records Check Request, Map, and written reply from the Information Center are attached
( ) Records Check Not Attached
Justification:

Landowner Richard McLennan *recently purchased the property and found no evidence of native American or historic activity.*

Part 5: Training and Experience of Archaeological Surveyors

Name of current Archaeological Surveyor(s): ***Stephen Hohman***
( ) Archaeological Survey conducted by Professional Archaeologist
(X) Archaeological Survey conducted by person with current CDF Archaeological Training
CDF Archaeological Training Course: ***#65R, #94R, #123R, #148R***
Date Training Course was completed: ***June 6, 2000, September 14, 2005, May 3, 2010, March 10, 2015***

(X) Archaeological Survey for previous project within site survey area previously conducted by (provide name): ***None***

Part 6: Survey Methods and Procedures

Survey strategy:
USGS Quad maps and aerial photos were examined. A general reconnaissance and intuitive reconnaissance was performed over the entire plan area, which primarily surveyed along roads, landings, skid trails, animal burrows, and open areas. In addition, a more complete survey was performed along the flats next to the existing structures. (See "Archeological Coverage Map").

Time spent conducting archaeological field survey: ***13 Hours***

Date or Dates the survey was conducted: ***February 4, 2015 and February 5, 2015***

Survey coverage intensity: ***Complete reconnaissance at 10-meter intervals next to the structures and greater flat. General reconnaissance along ridges and fields near structures. Intuitive reconnaissance (area not covered by general reconnaissance) across the remainder of THP.***

Ground visibility/other limitations: ***The predominant limiting factor is the dense duff layer and vegetation cover. There has also been heavy ground disturbance due to past logging and ranch/farm operations.***

Other relevant information: ***Surface scrapes by boot heel and shovel were performed during survey coverage. Cut banks, and gopher mounds were routinely checked.***

Part 7: Survey Results

List and description of all sites found:

Historic Sites ---

Historic sites found.

Prehistoric Sites ---

No prehistoric sites found.

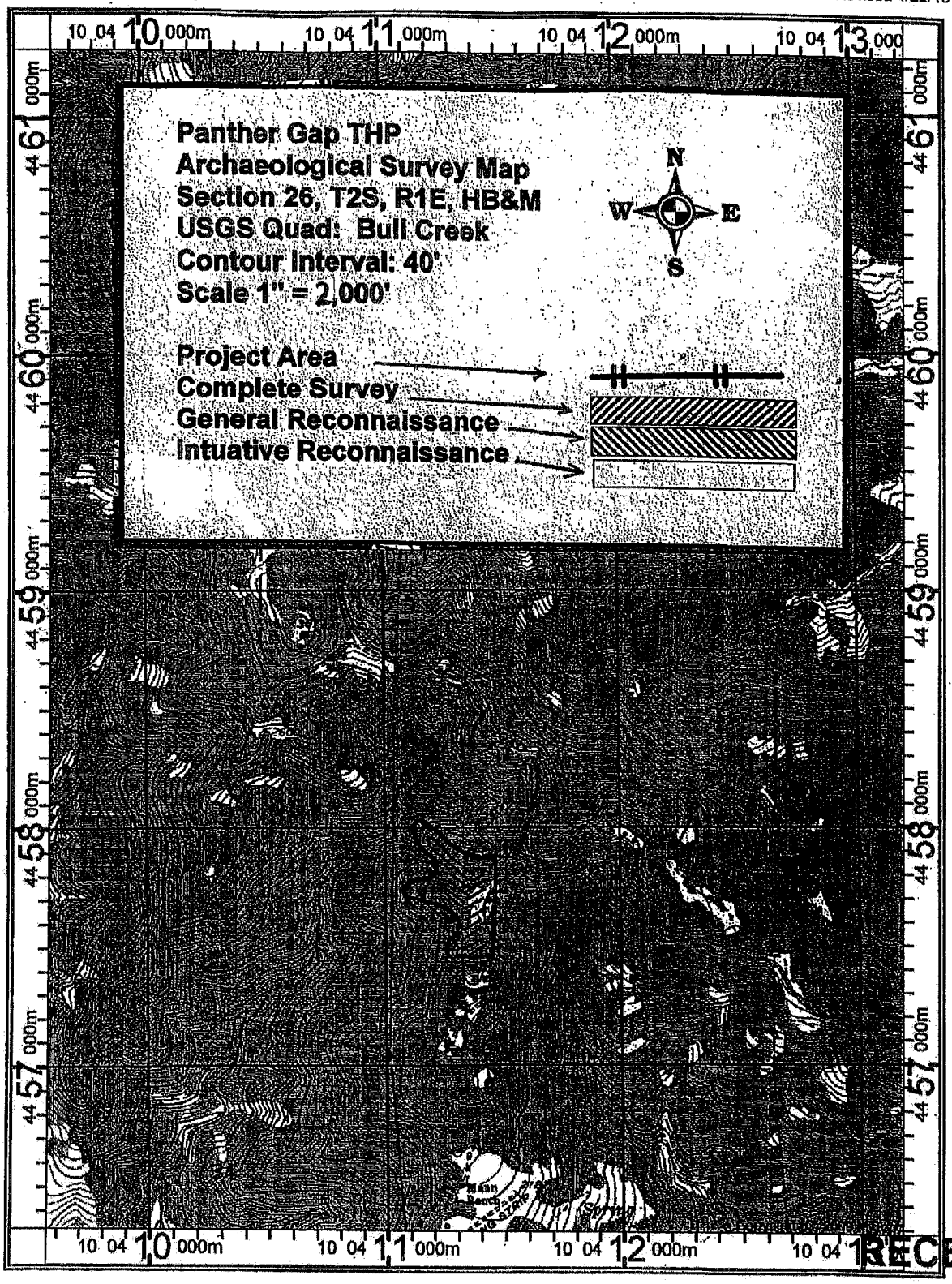
Part 8: Evaluation of Significance

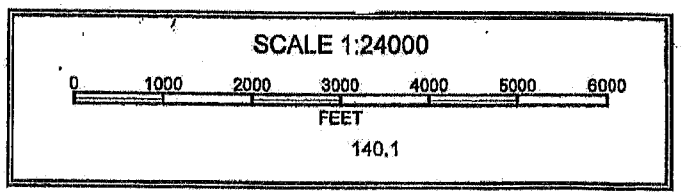
N/A

Part 9: Protection Measures

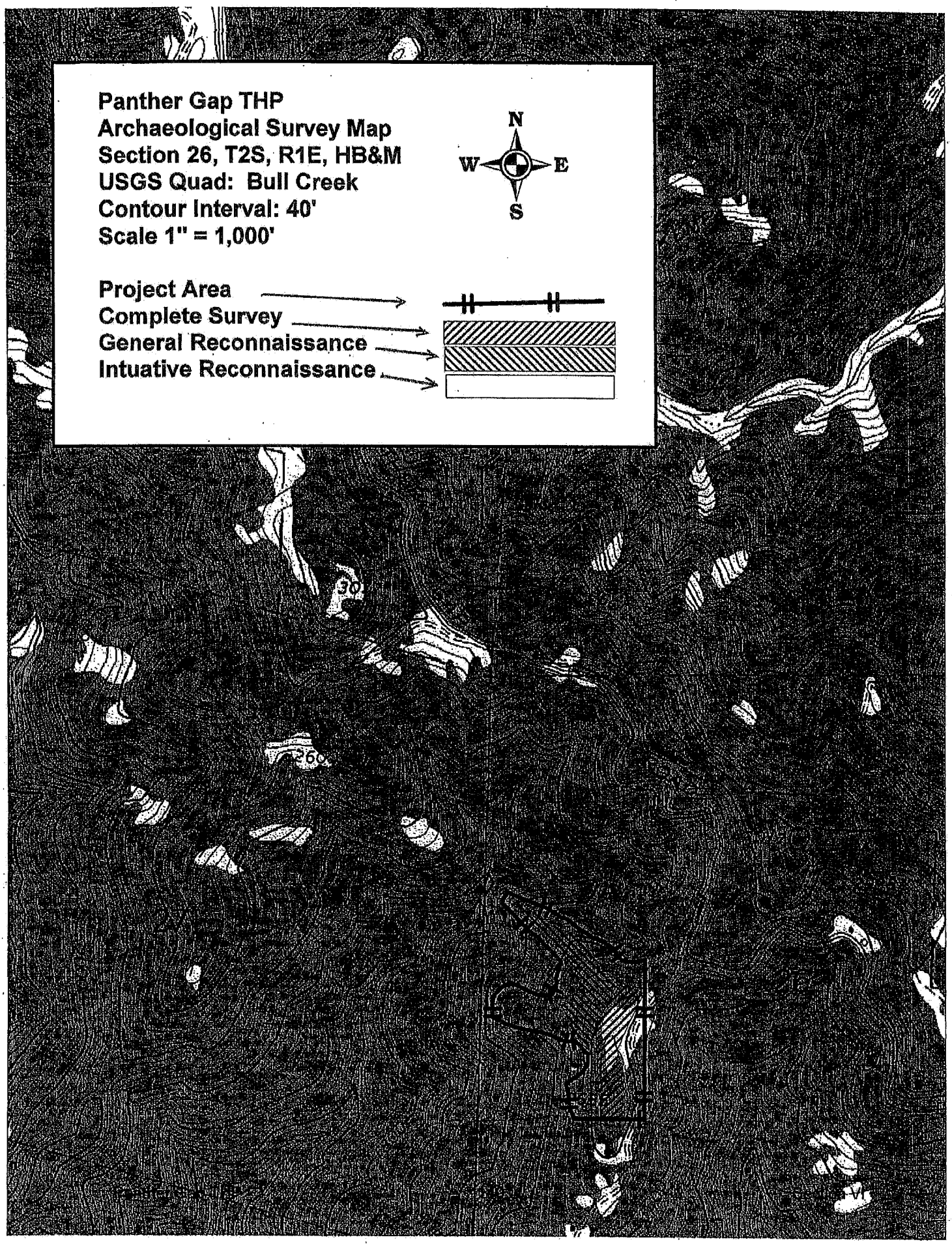
Specific enforceable protection measures:

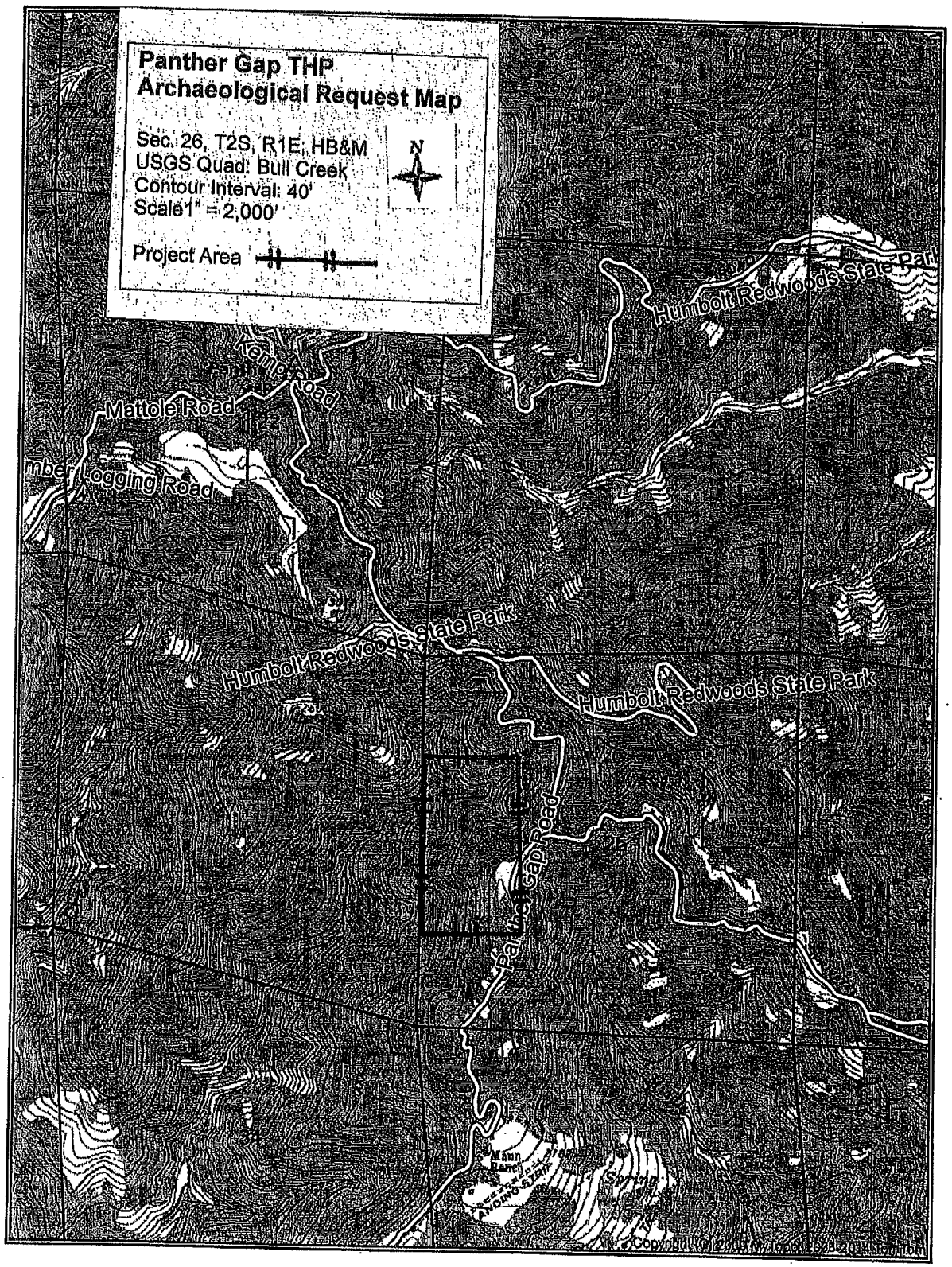
N/A





RECEIVED
APR 28 2015
COAST AREA OFFICE
RESOURCE MANAGEMENT


Panther Gap THP
Archaeological Survey Map
Section 26, T2S, R1E, HB&M
USGS Quad: Bull Creek
Contour Interval: 40'
Scale 1" = 1,000'
N
W
E
S
Project Area
Complete Survey
General Reconnaissance
Intuative Reconnaissance
30
26



SCALE 1:24000

0 1000 2000 3000 4000 5000 6000

FEET

ARCHAEOLOGICAL RECORDS CHECK REQUEST FOR A CDF PROJECT

This form may be used to initiate an archaeological records check for a California Department of Forestry and Fire Protection (CDF) project in accordance with the procedures and stipulations described in a Memorandum of Understanding (MOU) executed on April 21, 2005 by CDF, the Board of Forestry and Fire Protection, State Office of Historic Preservation, and the 12 Information Centers of the California Historical Resource Information System. Electronic versions of that MOU, this Request Form, and other pertinent instructions and guidance is available on the CDF Archaeology Program Web Site at http://www.indiana.edu/~e472/cdf/checks/ The Requestor must either be an RPF, a Professional Archaeologist, or a person who has successfully completed a CDF Archaeological Training Course within the five years prior to submission of this Request and who is working under the direction of an RPF or a Professional Archaeologist. This request cannot be processed without a project map and the Requestor's signature on this form. The project map must be a high-quality photocopy of the relevant portion of a USGS 7.5-minute map at a scale of 1:24,000 with the map name and the actual project boundaries clearly indicated. Any questions pertaining to the use of this form or the procedures to conduct an archaeological records check for a CDF project may be directed to any of the regional CDF staff Archaeologists.

Requestor: Stephen Hohman

Affiliation: Hohman & Associates Forestry Consulting

Address: PO Box 733, Hydesville CA 95547

Phone #: 707-768-3743

Project Name: Panther Gap THP

USGS Quad(s): Bull Creek

Number of Acres: 80

IC File # (completed by IC):

Name of RPF or Archaeologist Involved: Stephen Hohman

Affiliation: Hohman & Associates Forestry Consulting

Address: PO Box 733, Hydesville CA 95547

Phone #:707-768-3743

County of proposed project: Humboldt

Legal Location: Section 26, T2S, R1E; HB&M

Project Type: Timber Harvest Plan

Project Description: Harvest timber by tractor equipment

DIRECTION TO THE INFORMATION CENTER

Records Check Timeframe Option (select one)
(X) Standard Response
( ) Rapid Response

Check if the project is one of these special types:
( ) Ownership-wide Records Check or 5-Year Update
( ) Emergency Notice Timber Operation
( ) Wildfire or other Emergency Incident

The Requestor shall provide any archaeological or historical site information about the project area which is already known to the Requestor. This will avoid unnecessary time spent on the records check providing material already available.

(X) No archaeological or historical information known about this project area.

( ) I am aware of the following previous investigations within this project area:

( ) I am aware of the following known archaeological or historical sites within or directly adjacent to the project area:

( ) I do not request photocopies of the site records listed above, as I already have them.

( ) Information Center shall notify Requestor, prior to initiating the records check, if the total fee is likely to exceed $250.

( ) Other relevant information (attach additional pages if necessary):

( ) Special Instructions:

CONFIDENTIALITY STATEMENT AND DOCUMENTATION RESPONSIBILITY

"I understand that the CHRIS Information Center (IC) is providing confidential archaeological information as a service to CDF, the Requestor, and the RPF or professional archaeologist responsible to oversee this CDF project. By requesting this information, the Requestor and the RPF or Archaeologist assume the professional responsibility to the State Office of Historic Preservation and the IC for the appropriate management of this information. This management shall ensure that: (1) that all information regarding specific site locations is kept confidential except for disclosures required by forest practice rules or necessary to carry-out protection of sites; (2) that specific site locations are not included in any document made available to the general public, (3) this information shall not be utilized by the Requestor to destroy, excavate, or vandalize historical resources, and (4) the information is not utilized for project planning outside the scope of this MOU. Furthermore, CDF, in its capacity as lead agency under CEQA for environmental review and approval of projects on privately owned and other nonfederal lands in California, shall determine which archaeological and historical resources identified during the project review process need to be recorded, re-recorded, or supplemented. This determination will be based on the legal authority to carry-out recording efforts on private property and other considerations. CDF shall be responsible to ensure that a complete copy of the final archaeological investigation report including site records which may have been completed, shall be sent to the appropriate Information Center within 30 days following project approval. Within 30 days of cancellation, the Requestor shall notify the IC if the project has been cancelled or indefinitely delayed so that an archaeological survey report will not be submitted to the IC. By signature on this form, the Requestor agrees to comply with the terms stated in this paragraph."

Signature of Requestor (required): _____ Date signed: 12-8-14
Form Revision Date: 12/04/06

CALIFORNIA HISTORICAL RESOURCES INFORMATION SYSTEM

ALAMEDA
COLUSA
CONTRA COSTA
DEL NORTE
HUMBOLDT
LAKE
MARIN
MENDOCINO
MONTEREY
NAPA
SAN BENITO
SAN FRANCISCO
SAN MATEO
SANTA CLATA
SANTA CRUZ
SOLANO
SONOMA
YOLO

Northwest Information Center
Sonoma State University
150 Professional Center Drive, Suite E
Rohnert Park, California 94928-3609
Tel: 707.588.8455
nwic@sonoma.edu
http://www.sonoma.edu/nwic

December 18, 2014

NWIC File No. 14-0757

Stephen Hohman
Hohman & Associates Forestry Consulting
PO Box 733
Hydesville, CA 95547

Re: Panther Gap THP; T2S/R1EW Portions of section 26; Bull Creek 7.5' Quad; Humboldt County.

Dear Stephen Hohman,

Per your request received by our office on December 12, 2014, a records search was conducted for the above referenced project by reviewing pertinent Northwest Information Center (NWIC) base maps that reference cultural resources records and reports, historic-period maps, and literature for Humboldt County. Please note that use of the term cultural resources includes both archaeological resources and historical buildings and/or structures. In addition to this letter summarizing the results of the research, the data from the NWIC maps have been transferred to the Panther Gap THP map you provided and copies of all records for recorded sites both within the Panther Gap THP boundaries and within 1/16th of a mile of the THP boundaries are enclosed.

PREVIOUS ARCHAEOLOGICAL INVESTIGATIONS:
Our office has no record of a previous survey of the project area.

NATIVE AMERICAN RESOURCES: The NWIC base maps show that there are no recorded Native American cultural resources in or adjacent to this project area. There are no Native American resources referenced in the ethnographic literature. At the time of EuroAmerican contact, people living in the general area of this Panther Gap THP spoke Nongatl, a Athapaskan language (Elsasser 1978:191).

Based on an evaluation of the environmental setting and features associated with known sites, Native American resources in this part of Humboldt County have been found along midslope terraces with access to waterways. The Panther Gap THP project area contains midslope terraces adjacent to a ridge. Given the similarity of one of these environmental factors, there is a moderate potential of identifying unrecorded Native American resources in the proposed Panther Gap THP project area.

HISTORIC-PERIOD CULTURAL RESOURCES: The NWIC base maps show that there are no previously recorded historic-period archaeological resources and no recorded buildings/structures located within the project area.

Review of historical literature and maps gave no indication of historic-period activity within the Panther Gap THP project area. With this in mind, there is a low potential of identifying unrecorded historic-period archaeological resources in the proposed Panther THP project area.

The Scotia USGS 15-minute topographic quadrangle fails to depict any buildings or structures within the Panther Creek THP project area; therefore, there is a low possibility of identifying any buildings or structures 45 years or older within the project area.

LITERATURE REVIEWED: The following literature and maps were reviewed for unrecorded cultural resources: National Register of Historic Places; California Inventory of Historic Resources; California Historical Landmarks; Historic Spots in California; California Place Names; Point of Historical Interest Log; General Land Office Plats; Historic Maps; Handbook of North American Indians, Volume 8: California; Handbook of the Indians of California; The Ethno-geography of the Pomo and Neighboring Indians, and Place Names of Humboldt County, California. No other references were consulted.

SUMMARY:
Based upon review of information at the Northwest Information Center it is our assessment that there is a moderate possibility of Native American and a low possibility of historic-period cultural resources in the project area. Our records search reviews only information on file at this office. Consequently, there is always a possibility that additional information concerning Native American and historic-period activities and settlement exists that are not known to us and, therefore, were not provided in this records search.

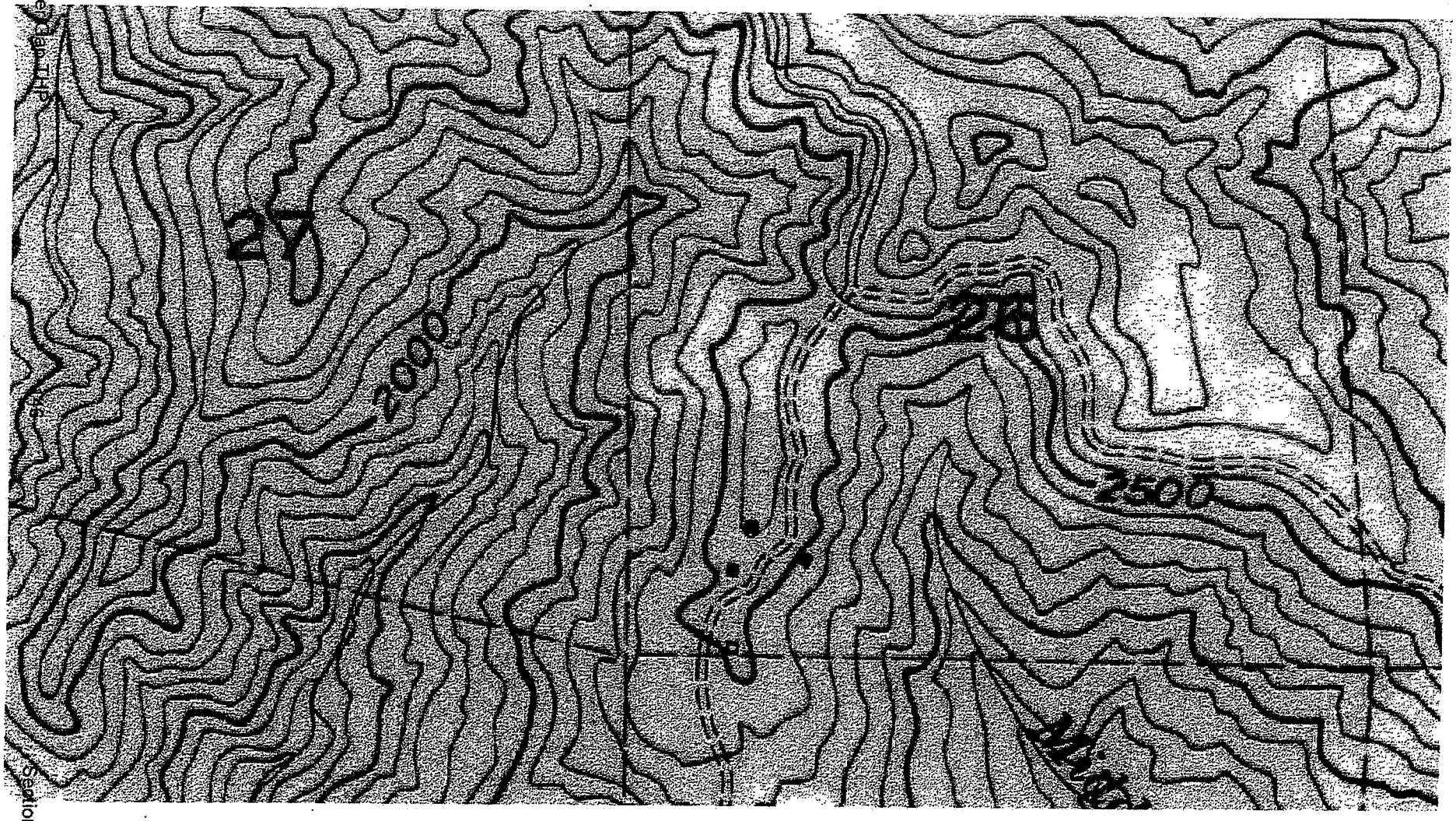
Thank you for your inquiry and for your continued effort to conserve California's cultural resources. If you have any questions please call me at (707) 588-8455.

Sincerely,

Yesenia Lyons
THP Researcher

Panther Gap THP

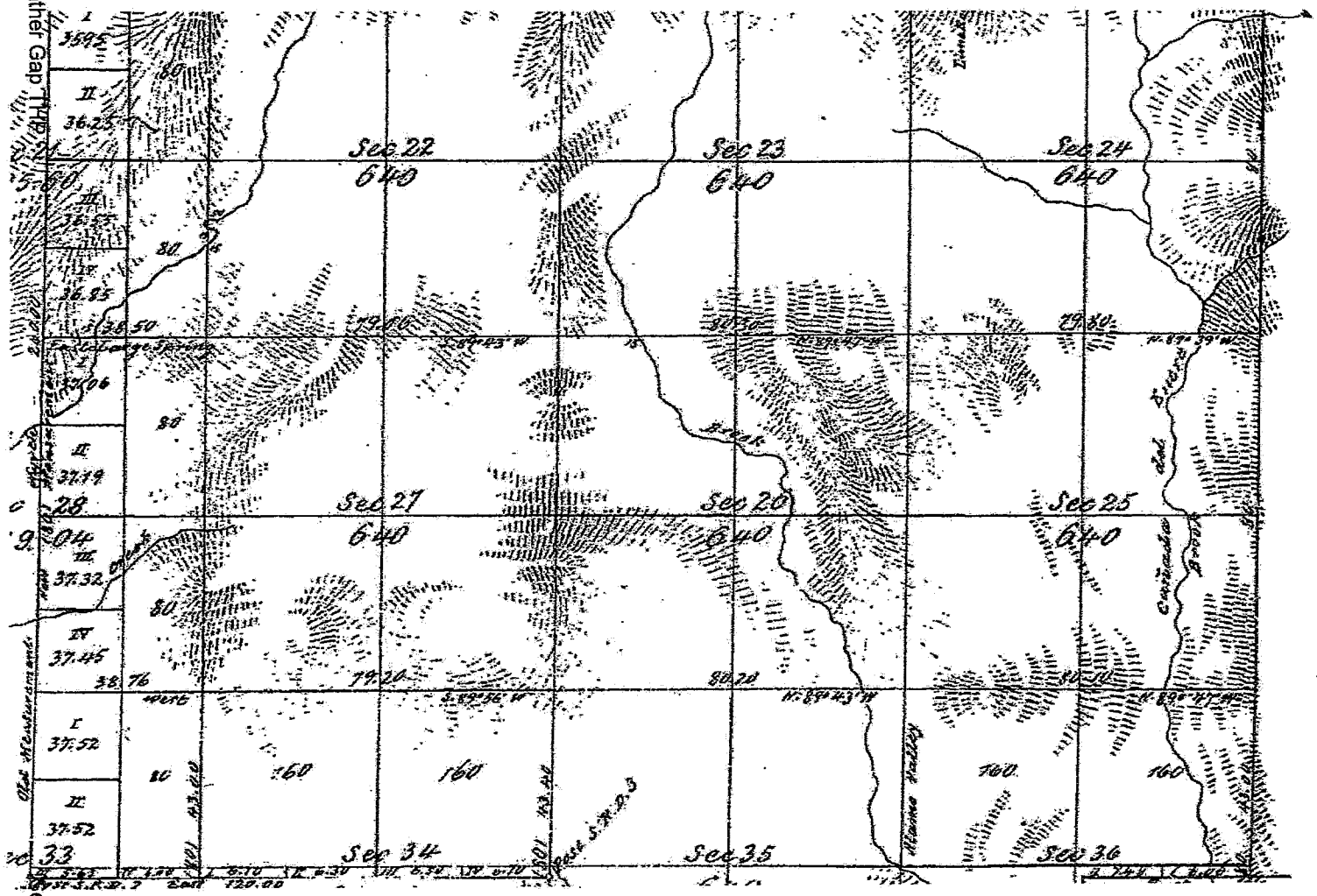
Scotia 15' 1951 topo



NWIC#14-0757

Panther Gap THP

GLO T2S, R1E, section 26



NWIC#14-0757

1865

Panther Gap THP

Section VI

Hohman & Associates
FORESTRY CONSULTANTS
P.O. Box 723, Hydesville, CA 95547 . (707) 768-3743 . (707) 768-3747 fax

March 7, 2015

Wailaki Tribe
Louis Hoaglin Sr., Chairperson
P.O. Box 1284
Redway, CA 95560

COPY

Dear Cultural Resources Representative:

I am currently in the process of preparing a Timber Harvest Plan (THP) in Humboldt County, CA. This is a type of project that may include skid trails, roads, and log landing construction in addition to tree cutting. The primary purpose of this notification, which is required by the Forest Practice Rules, is to provide you with an opportunity to disclose the existence of any Native American archaeological or cultural site that you know or suspect may be located within the project area and to advise you of the opportunity to comment on the plan.

As part of my archaeological review for this project I respectfully request any information that you wish to share about cultural resources that may exist within the project area. This notification provides you the opportunity to disclose the existence of Native American archaeological or cultural sites that could potentially be affected by the project and the opportunity to submit other comments regarding the project.

The project is located approximately 4.2 air miles northeast of Honeydew, CA. The legal description consists of Sections 26, T2S, R1E; Humboldt Base, and Meridian, Humboldt County. Two maps are enclosed to provide the precise location. The first map is a travel route map that displays travel route from the (nearest community or landmark). The second map provides a more detailed project location on a USGS 7.5' topographic quadrangle (or an equivalent). This map displays the approximate boundary of the plan area and includes a map legend and scale.

If you wish to share information concerning archaeological or cultural sites in the project area, or if you have any questions concerning the proposed THP, please contact me. If you respond within 10 days of the postmark date at the address or phone number above, or any other time prior to plan submittal to the California Department of Forestry and Fire Protection (Cal Fire), site locations and protection measures can be incorporated into the project report. Locations of sites you disclose will be kept confidential. I expect the THP will be submitted to the Director on April 1st, 2015. The earliest possible date the Director may approve the plan is 16 calendar days after it is submitted to the director, although typically, the plan is reviewed for at least 45 calendar days following plan submittal before the Director approves the plan.

After the plan has been submitted to CALFIRE, you may still participate in the plan review process by submitting written comments to the Director before the close of the public comment period. A Confidential Archaeological Addendum (CAA) will be prepared for the THP and a copy of pertinent information contained within the CAA may, at the discretion of the Director, be obtained from the Director at:

California Department of Forestry and Fire Protection
135 Ridgeway Avenue
Santa Rosa, CA 95401
(707) 576-2959

Please refer to **Panther Gap THP** in any correspondence, and contact me if you have any questions or information that will help identify and protect archaeological and cultural sites.

If a Native American archaeological or cultural site is identified within the project area during the project planning process, you will receive a second written notification from me that includes both site description and protection information. This second notification will describe the proposed measures taken to protect the site during timber operations and provide you with the opportunity to submit comments to CALFIRE concerning the adequacy of those protection measures.

The following three articles, available on the CALFIRE Archaeology Program Web Site, provide information concerning Native American consultation procedures for THPs.

1. Forest Practice Rules for the Protection of Archaeological, Historical, and Cultural Sites
http://www.indiana.edu/%7Ee472/Calfire/rules.pdf

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The current version of CALFIRE's Native American Contact List, information concerning CALFIRE's Native American Advisory Council, and other relevant information is also available for your review at: http://www.indiana.edu/%7Ee472/Calfire/contacts/index.html

Please feel free to contact me if you have any questions concerning this proposed project or what is being requested in this letter.

Sincerely,

Stephen Hohman
Hohman and Associates

Enclosures: Travel Route Map and Archaeological Request Map

Hohman & Associates
FORESTRY CONSULTANTS
P.O. Box 723, Hydesville, CA 95547 . (707) 768-3743 . (707) 768-3747 fax

March 7, 2015

Wiyot Tribe
Ted Hernandez
Thomas Torma, Cultural Director/Tribal Historic Preservation Officer
1000 Wiyot Drive
Loleta, CA 95551

Dear Cultural Resources Representative:

I am currently in the process of preparing a Timber Harvest Plan (THP) in Humboldt County, CA. This is a type of project that may include skid trails, roads, and log landing construction in addition to tree cutting. The primary purpose of this notification, which is required by the Forest Practice Rules, is to provide you with an opportunity to disclose the existence of any Native American archaeological or cultural site that you know or suspect may be located within the project area and to advise you of the opportunity to comment on the plan.

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(707) 576-2959

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Please feel free to contact me if you have any questions concerning this proposed project or what is being requested in this letter.

Sincerely,

Stephen Hohman
Hohman and Associates

Enclosures: Travel Route Map and Archaeological Request Map

Hohman & Associates
FORESTRY CONSULTANTS
P.O. Box 723, Hydesville, CA 95547 . (707) 768-3743 . (707) 768-3747 fax

March 7, 2015

Round Valley Indian Tribes of the Round Valley Reservation
Stephanie Britton, Tribal Historic Preservation Officer
77826 Covelo Road
Covelo, CA 95428

Dear Cultural Resources Representative:

I am currently in the process of preparing a Timber Harvest Plan (THP) in Humboldt County, CA. This is a type of project that may include skid trails, roads, and log landing construction in addition to tree cutting. The primary purpose of this notification, which is required by the Forest Practice Rules, is to provide you with an opportunity to disclose the existence of any Native American archaeological or cultural site that you know or suspect may be located within the project area and to advise you of the opportunity to comment on the plan.

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Santa Rosa, CA 95401
(707) 576-2959

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Sincerely,

Stephen Hohman
Hohman and Associates

Enclosures: Travel Route Map and Archaeological Request Map

Hohman & Associates
FORESTRY CONSULTANTS
P.O. Box 723, Hydesville, CA 95547 . (707) 768-3743 . (707) 768-3747 fax

March 7, 2015

InterTribal Sinkyone Wilderness Council
Hawk Rosales, Executive Director
P.O. Box 1523
Ukiah, CA 95482

Dear Cultural Resources Representative:

I am currently in the process of preparing a Timber Harvest Plan (THP) in Humboldt County, CA. This is a type of project that may include skid trails, roads, and log landing construction in addition to tree cutting. The primary purpose of this notification, which is required by the Forest Practice Rules, is to provide you with an opportunity to disclose the existence of any Native American archaeological or cultural site that you know or suspect may be located within the project area and to advise you of the opportunity to comment on the plan.

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California Department of Forestry and Fire Protection
135 Ridgeway Avenue
Santa Rosa, CA 95401
(707) 576-2959

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Sincerely,

Stephen Hohman
Hohman and Associates

Enclosures: Travel Route Map and Archaeological Request Map

Hohman & Associates
FORESTRY CONSULTANTS
P.O. Box 723, Hyderville, CA 95547 . (707) 768-3743 . (707) 768-3747 fax

March 7, 2015

Bear River Band of Rohnerville Rancheria
Erika Collins, Tribal Historic Preservation Officer
266 Kiesner Road
Loleta, CA 95551

Dear Cultural Resources Representative:

I am currently in the process of preparing a Timber Harvest Plan (THP) in Humboldt County, CA. This is a type of project that may include skid trails, roads, and log landing construction in addition to tree cutting. The primary purpose of this notification, which is required by the Forest Practice Rules, is to provide you with an opportunity to disclose the existence of any Native American archaeological or cultural site that you know or suspect may be located within the project area and to advise you of the opportunity to comment on the plan.

As part of my archaeological review for this project I respectfully request any information that you wish to share about cultural resources that may exist within the project area. This notification provides you the opportunity to disclose the existence of Native American archaeological or cultural sites that could potentially be affected by the project and the opportunity to submit other comments regarding the project.

The project is located approximately 4.2 air miles northeast of Honeydew, CA. The legal description consists of Sections 26, T2S, R1E; Humboldt Base, and Meridian, Humboldt County. Two maps are enclosed to provide the precise location. The first map is a travel route map that displays travel route from the (nearest community or landmark). The second map provides a more detailed project location on a USGS 7.5' topographic quadrangle (or an equivalent). This map displays the approximate boundary of the plan area and includes a map legend and scale.

If you wish to share information concerning archaeological or cultural sites in the project area, or if you have any questions concerning the proposed THP, please contact me. If you respond within 10 days of the postmark date at the address or phone number above, or any other time prior to plan submittal to the California Department of Forestry and Fire Protection (Cal Fire), site locations and protection measures can be incorporated into the project report. Locations of sites you disclose will be kept confidential. I expect the THP will be submitted to the Director on April 1st, 2015. The earliest possible date the Director may approve the plan is 16 calendar days after it is submitted to the director, although typically, the plan is reviewed for at least 45 calendar days following plan submittal before the Director approves the plan.

After the plan has been submitted to CALFIRE, you may still participate in the plan review process by submitting written comments to the Director before the close of the public comment period. A Confidential Archaeological Addendum (CAA) will be prepared for the THP and a copy of pertinent information contained within the CAA may, at the discretion of the Director, be obtained from the Director at:

California Department of Forestry and Fire Protection
135 Ridgeway Avenue
Santa Rosa, CA 95401
(707) 576-2959

Please refer to **Panther Gap THP** in any correspondence, and contact me if you have any questions or information that will help identify and protect archaeological and cultural sites.

If a Native American archaeological or cultural site is identified within the project area during the project planning process, you will receive a second written notification from me that includes both site description and protection information. This second notification will describe the proposed measures taken to protect the site during timber operations and provide you with the opportunity to submit comments to CALFIRE concerning the adequacy of those protection measures.

The following three articles, available on the CALFIRE Archaeology Program Web Site, provide information concerning Native American consultation procedures for THPs.

1. Forest Practice Rules for the Protection of Archaeological, Historical, and Cultural Sites
http://www.indiana.edu/%7Ee472/Calfire/rules.pdf

2. Native American Guide to Timber Harvesting
http://www.indiana.edu/%7Ee472/Calfire/contacts/timberguide.html

3. Native American Consultation Procedures for THPs and other CALFIRE Projects
http://www.indiana.edu/%7Ee472/Calfire/contacts/procedures.html

The current version of CALFIRE's Native American Contact List, information concerning CALFIRE's Native American Advisory Council, and other relevant information is also available for your review at: http://www.indiana.edu/%7Ee472/Calfire/contacts/index.html

Please feel free to contact me if you have any questions concerning this proposed project or what is being requested in this letter.

Sincerely,

Stephen Hohman
Hohman and Associates

Enclosures: Travel Route Map and Archaeological Request Map

Hohman & Associates
FORESTRY CONSULTANTS
P.O. Box 723, Hyderville, CA 95547 . (707) 768-3743 . (707) 768-3747 fax

March 7, 2015

Native American Heritage Commission
1550 Harbor Blvd., Room 100
West Sacramento, CA 95691

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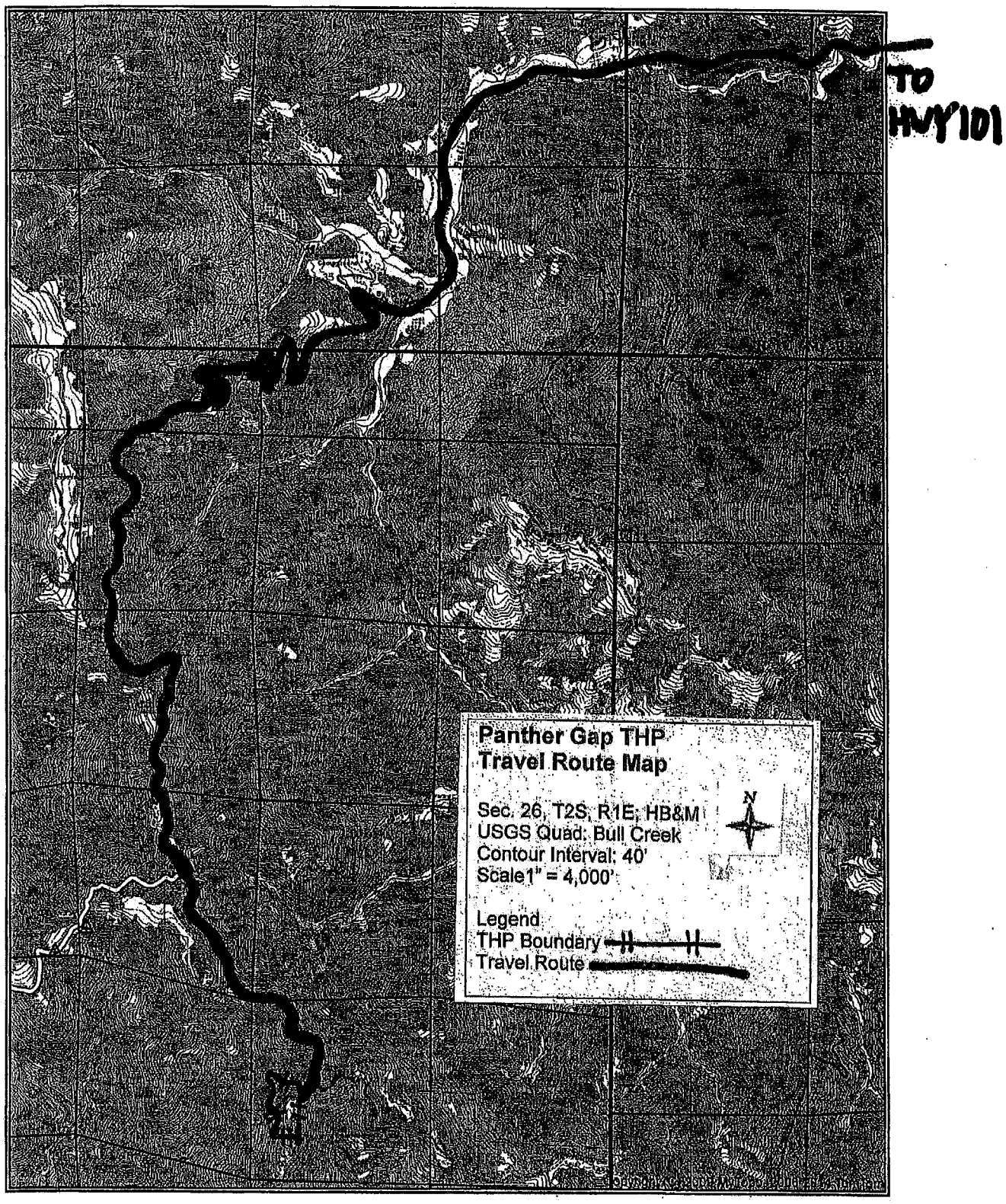

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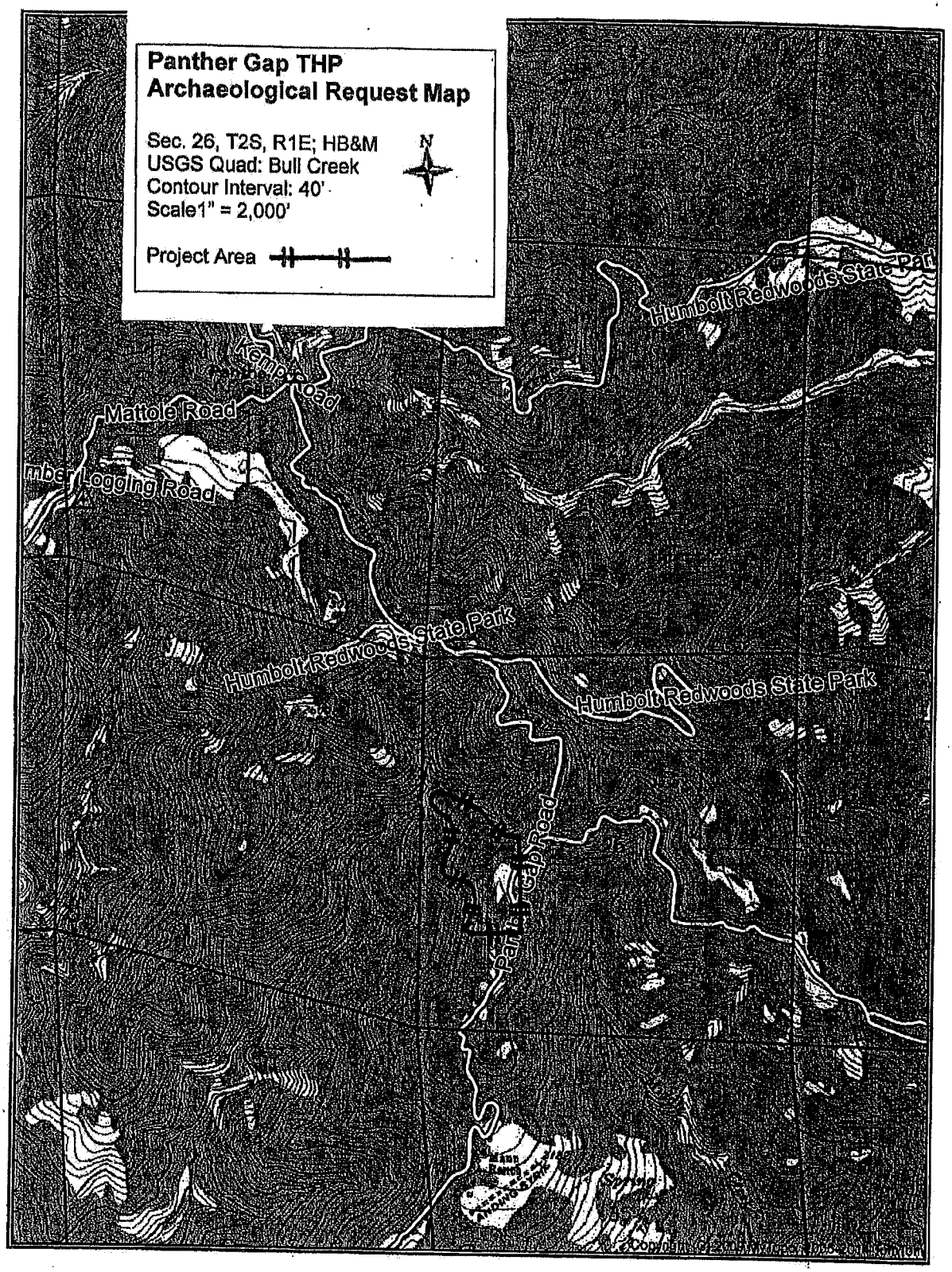

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FEET

Stephen Hohman

From: Erika Cooper <erikacooper@brb-nsn.gov>
Sent: Monday, April 06, 2015 3:11 PM
To: shohman@hohmanandassoclates.com
Subject: Panther Gap THP

Hello Stephen,

Thank you for sending notice of the subject THP. I am not aware of any previously recorded cultural resources in the plan area. As always, if any cultural resources are identified during your field review or operations, please be sure to notify the tribe.

Thanks.

--

Erika Cooper, M.A.
Tribal Historic Preservation Officer
Bear River Band of Rohnerville Rancheria
266 Keisner Road
Loleta, CA 95551
707-733-1900 x233 Office
707-502-5233 Cell
707-733-1727 Fax
erikacooper@brb-nsn.gov

STATE OF CALIFORNIA

STATE BOARD OF EQUALIZATION
PROPERTY AND SPECIAL TAXES DEPARTMENT
450 N STREET, SACRAMENTO, CALIFORNIA
PO BOX 942879, SACRAMENTO, CALIFORNIA 94279-0060
916-274-3330 • FAX 916-285-0134
www.boe.ca.gov

SEN. GEORGE RUNNER (RET.)
First District, Lancaster

FIONA MA, CPA
Second District, San Francisco

JEROME E. HORTON
Third District, Los Angeles County

DIANE L. HARKEY
Fourth District, Orange County

BETTY T. YEE
State Controller

CYNTHIA BRIDGES
Executive Director

July 17, 2015

Richard McLennan
125 Preston Drive
Cloverdale, CA 95425

Dear Richard McLennan,

Records received by our office indicate that you are the owner of trees intended for harvest in California. As such, you are a "timber owner" according to the California Timber Yield Tax Law and are subject to a timber yield tax on harvested timber. This is a self-reporting tax which is due and payable within one month after the close of the calendar quarter in which the timber was cut and scaled. We have established an account for you and have assigned it account number: YT-142008. Please include this number on any correspondence with this office.

Tax Return and Harvest Report forms are either enclosed, or will be sent to you in our regular quarterly mailing. These forms will enable you to report the volumes harvested and compute the amount of tax due on the trees that are cut. Read the instructions on the back of the forms carefully. Complete the Harvest Report form first, which is the worksheet. Then use the information from the Harvest Report form to complete the Tax Return. As of January 1, 1999, timber removed from a timber harvest operation whose immediate harvest value does not exceed $3,000 within a reporting quarter is exempt from the timber yield tax. In order to complete the tax forms you must have: the net volume of timber cut by species, a copy of the State Board of Equalization Harvest Value Schedule for your area, and the Harvest Report and Tax Return. If any of these items are missing, call the Timber Tax Section for assistance. Please return the completed forms, with your payment in the envelope supplied with the tax return, no later than the due date shown on the tax return. We have also enclosed the *Guide to the California Timber Yield Tax*, Publication #87, which contains some valuable information about the Timber Tax program. Please review the contents of this booklet.

If you need assistance you may phone 916-445-6964, or toll free 800-400-7115.

To ensure that our records concerning this harvest are complete and accurate, please complete the information below and return this notice in the enclosed envelope to the Timber Tax Section, State Board of Equalization, P.O. Box 942879, Sacramento, CA 94279-0060. We suggest you retain a copy of this document for your records.

Timber Tax Section

TIMBER OWNER(S)

DRIVER LICENSE NUMBER	SOCIAL SECURITY NUMBER	TELEPHONE NUMBER ( )

MAILING ADDRESS/P.O. BOX OR STREET NUMBER *(city, state, zip, county)*

OWNER TYPE

☐ Individual ☐ Partnership ☐ Corporation ☐ Husband/Wife ☐ Registered Domestic Partners ☐ Other

TYPE OF HARVEST

☐ Logs ☐ Fuelwood ☐ Christmas Trees ☐ Other

FIRST DATE OF HARVESTING	OPERATION NUMBER

The above statements are true to the best knowledge and belief of the undersigned.

SIGNATURE	TITLE	DATE

DEPARTMENT OF FORESTRY AND FIRE PROTECTION
135 Ridgway Avenue
Santa Rosa, California 95401
(707) 576-2275
Website: www.fire.ca.gov

Date: July 14, 2015
THP #: 1-15-035 HUM

Stephen Hohman
P.O. Box 733
Hydesville, CA 95547

LETTER OF CONFORMANCE

Enclosed is a true copy of your Timber Harvesting Plan (THP) identified by the number shown above. The Director of Forestry and Fire Protection finds that the plan conforms with the Rules and Regulations of the Board of Forestry pursuant to the provisions of the Z'Berg-Nejedly Forest Practice Act of 1973. Conformance is indicated by the facsimile signature of the Director's duly constituted representative being shown on the attached copy of the plan.

You may begin the timber operations proposed in the plan according to the conditions specified therein, and subject to the Forest Practice Act, Forest Practice Rules of the Forest District in which the operations will take place, related Board of Forestry regulations and other applicable laws, regulations and ordinances.

The Forest Practice Act requires the filing of the two reports listed below for each timber harvesting operation undertaken:

1. Timber Operations Work Completion Report: Within one month after completion of work described in a Timber Harvesting Plan, excluding work for stocking, a report shall be filed by the timber owner or his agent with the Director that all work, except stocking, has been completed.

2. Report of Stocking:
   A. _X_ Within six months after completion of timber operations covered by this THP, a Report of Stocking shall be filed by the timber owner or his agent with the Director.

   B. _NA_ Within five years after completion of timber operations covered by this THP, a Report of Stocking shall be filed by the timber owner or his agent with the Director.

   C. Stocking obligations do not apply because:
   _NA_ Timberland Conversion Permit is in effect.
   _NA_ The THP is for road right-of-way construction only.

In future correspondence, please refer to the THP number in the upper right corner of the attached plan.

Sincerely,

LESLIE A. MARKHAM
Deputy Chief, Forest Practice
RPF #2529

cc: TO, TLO, PS: Richard McLennan
Unit, File, ftp://thp.fire.ca.gov/THPLibrary/North_Coast_Region/

pursuant to California Regional Water Quality Control Board requirements may be used to satisfy the inspection requirements of this section.

Notification of Commencement of Operations: In accordance with 14 CCR § 1035.4, the Plan Submitter shall notify the current office technician at the CAL FIRE Fortuna RM Office (118 Fortuna Blvd., Fortuna, CA 95540) by either phone (707-726-1253) or e-mail each calendar year, within fifteen days before, and not later than the day of the start up of a timber operation.

The gray wolf (Canis lupus) was listed as endangered under the California Endangered Species Act (CESA) by the California Fish and Game Commission on June 4, 2014. In compliance with 14 CCR § 1034(w) (also see 912.9—Technical Rule #2), it should be noted that wolves are habitat generalists and the historic distribution and abundance in the state are unknown. Sightings of wolves and detection of den/rendezvous sites shall be reported to the California Department of Fish and Wildlife (CDFW) and acknowledged in the THP. Consultation with CDFW will be required due to presence of wolves or known wolf den and/or rendezvous sites and the results of that consultation shall be amended into the THP.

- The LTO will provide signage along Panther Gap Road, when falling trees adjacent to, or within falling distance of the road.
- PG&E lines may need to be unhooked or lowered by PG&E for harvest of timber. LTO shall work with PG&E to notify neighbors prior to the process occuring.

- **Gabrielle Roach Waterline:** Please see THP map page 29 to identify deeded domestic waterline. The LTO shall follow the listed instructions below:
  1. The above ground waterline that serves as the water supply line for Gabrielle Roach shall be flagged in the field with red flagging.
  2. A 25 foot EEZ, except for road crossings, shall be established adjacent to the waterline.
  3. Group selection shall not occur within 25' of the waterline. Single tree selection shall only occur.
  4. Trees shall be directionally felled away from the waterline.
  5. The LTO shall notice Gabrielle Roach (707-672-2383) prior to falling trees that may reach the waterline.
  6. If the waterline is broken during operations, LTO shall notify the Gabrielle Roach immediately. LTO shall have repair parts on site to repair the line if damage occurs.
  7. LTO shall burry waterline or place fill on top of waterline to cross with equipment at the existing or proposed roads.

DIRECTOR OF FORESTRY AND FIRE PROTECTION

This Timber Harvesting Plan conforms to the rules and regulations of the Board of Forestry and the Forest Practice Act:

By: Leslie Markham (Printed Name) Deputy Chief (Title)

By: (Signature) July 14, 2015 (Date)

PROFESSIONAL FORESTER
Leslie A. Markham
No. 2529
STATE OF CALIFORNIA

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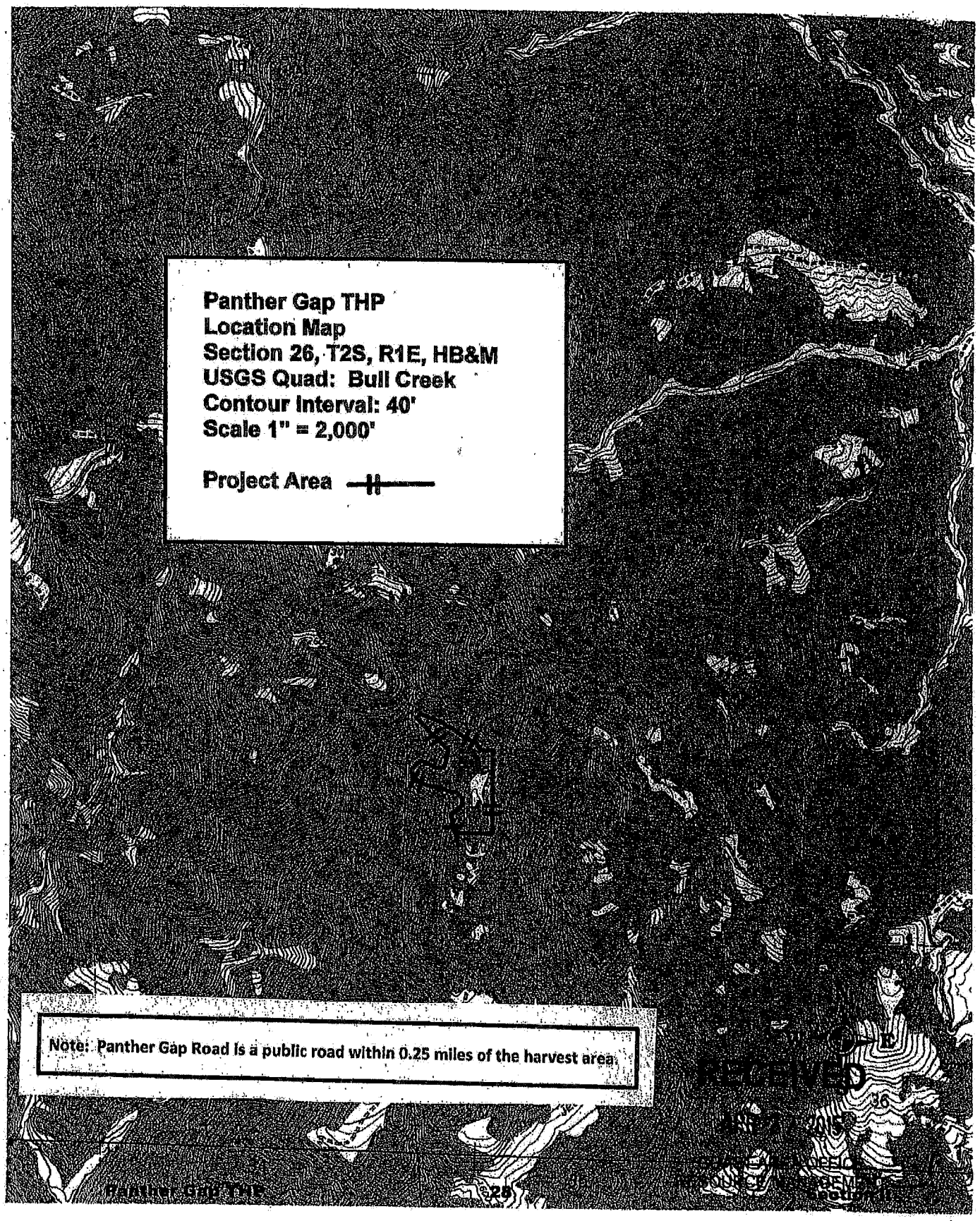
RESOURCE MANAGEMENT

PART OF PLAN

PART OF PLAN


Panther Gap THP
Location Map
Section 26, T2S, R1E, HB&M
USGS Quad: Bull Creek
Contour Interval: 40'
Scale 1" = 2,000'
Project Area
Note: Panther Gap Road is a public road within 0.25 miles of the harvest area.
RECEIVED
Panther Gap THP

FOR ADMIN. USE ONLY Amendments-date & S or M	
1. _____	7. _____
2. _____	8. _____
3. _____	9. _____
4. _____	10. _____
5. _____	11. _____
6. _____	12. _____

TIMBER HARVESTING PLAN

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION, RM - 63 (01-00)

Panther Gap THP

If this is a Modified THP, check box ☐

FOR ADMIN. USE ONLY

THP No 1-15-035 HUM
Dates Rec'd APR 10 2015
Date Filed APR 16 2015
Date Approved July 14, 2015
Date Expires July 13, 2020
Extensions 1) ☐ 2) ☐

One 2-year extension possible

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. See separate instructions for information on completing this form. NOTE: The form must be printed legibly in ink or typewritten. The THP is divided into six sections. If more space is necessary to answer a question, continue the answer at the end of the appropriate section of your THP. If writing an electronic version, insert additional space for your answer. 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. TIMBER OWNER(S) OF RECORD: **Richard McLennan**
   Address: **125 Preston Drive**
   City: **Cloverdale** State: **CA** Zip: **95425** Phone: **(707) 894-0207**
   Signature: Richard McLennan Date: 3/27/15

   Note: The timber owner is responsible for payment of a yield tax. Timber Yield Tax information may be obtained at the Timber Tax Section, MIC: 60, State Board of Equalization, P.O. Box 942879, Sacramento, California 94279-0060, phone 1-800-400-7115.

2. TIMBERLAND OWNER(S) OF RECORD: **Richard McLennan**
   Address: **125 Preston Drive**
   City: **Cloverdale** State: **CA** Zip: **95425** Phone: **(707) 894-0207**
   Signature: Richard McLennan Date: 3 27 15

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3. LICENSED TIMBER OPERATOR(S): **Unknown**

Address:
City: State: Zip: Phone:
Signature: Date:

4. PLAN SUBMITTER(S): **Richard McLennan**
Address: **125 Preston Drive**
City: **Cloverdale** State: **CA** Zip: **95425** Phone: **(707) 894-0207**
Signature: Richard McLennan Date: 3/27/15

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

Name: **Unknown**
Address:
City: State: Zip: Phone:

b. ☒ Yes ☐ No Will the timber operator be employed for the construction and maintenance of roads and landings during conduct of timber operations? If no, who is responsible?

c. Who is responsible for erosion control maintenance after timber operations have ceased and until certification of the Work Completion Report? If not LTO, then written agreement must be provided per 14 CCR 1050(c).

The LTO is responsible until the date the completion report is approved. The timberland owner shall be responsible for the erosion control maintenance period of one year on deactivated or abandoned roads, and three years on all other logging roads and landings [923.7(j)]

6. a. Expected date of commencement of timber operations:

☒ Date of THP approval, or: ☐ _____ (date)

b. Expected date of completion of timber operations:

☐ 3 years from date of THP approval, or: ☒ **5 –Years after approval**

7. The timber operation will occur within the: **Coast Forest District.**

☐ Special Treatment Area(s), identify:

8. Location of the timber operation by legal description:

Base and Meridian: **Humboldt.**

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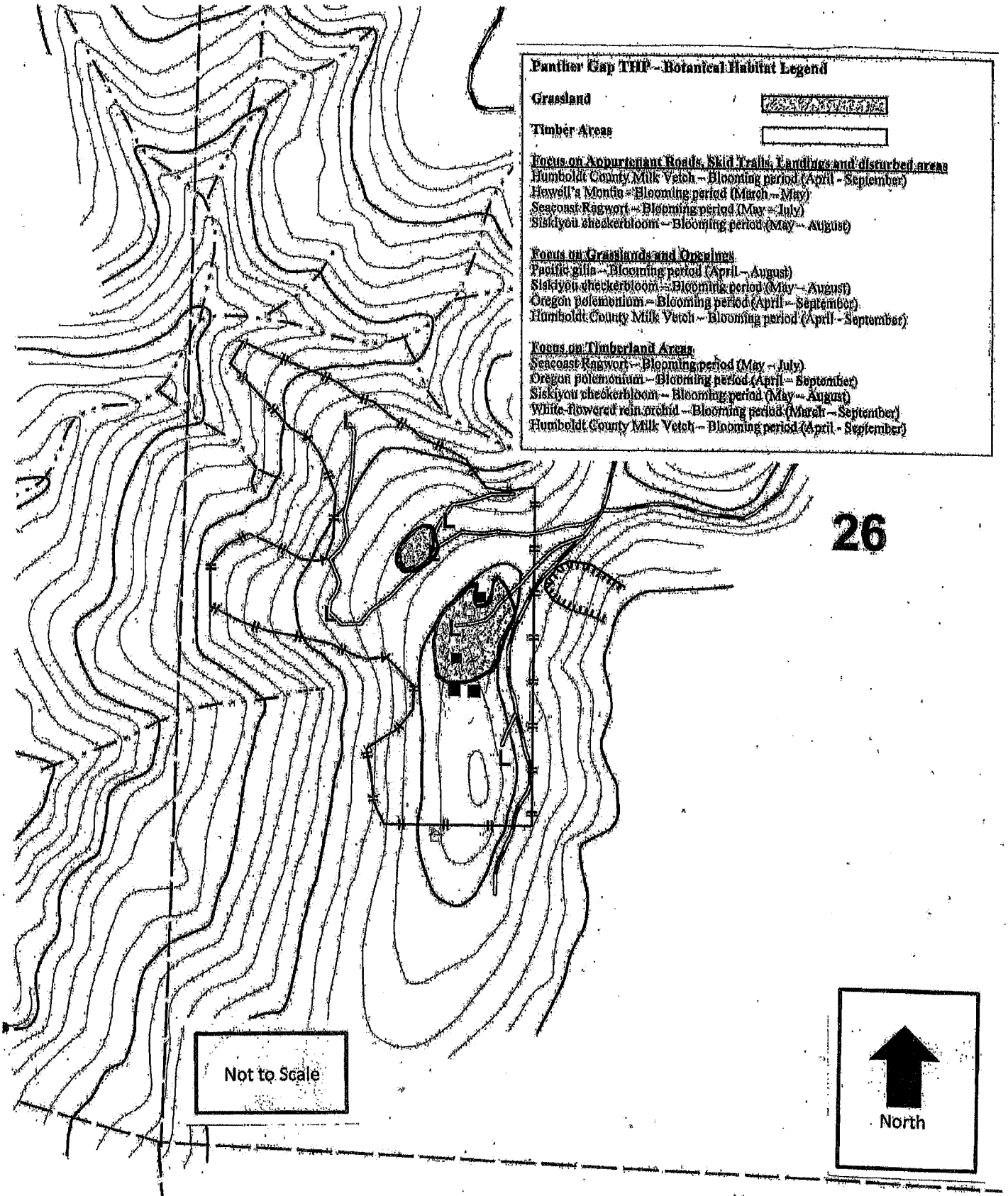
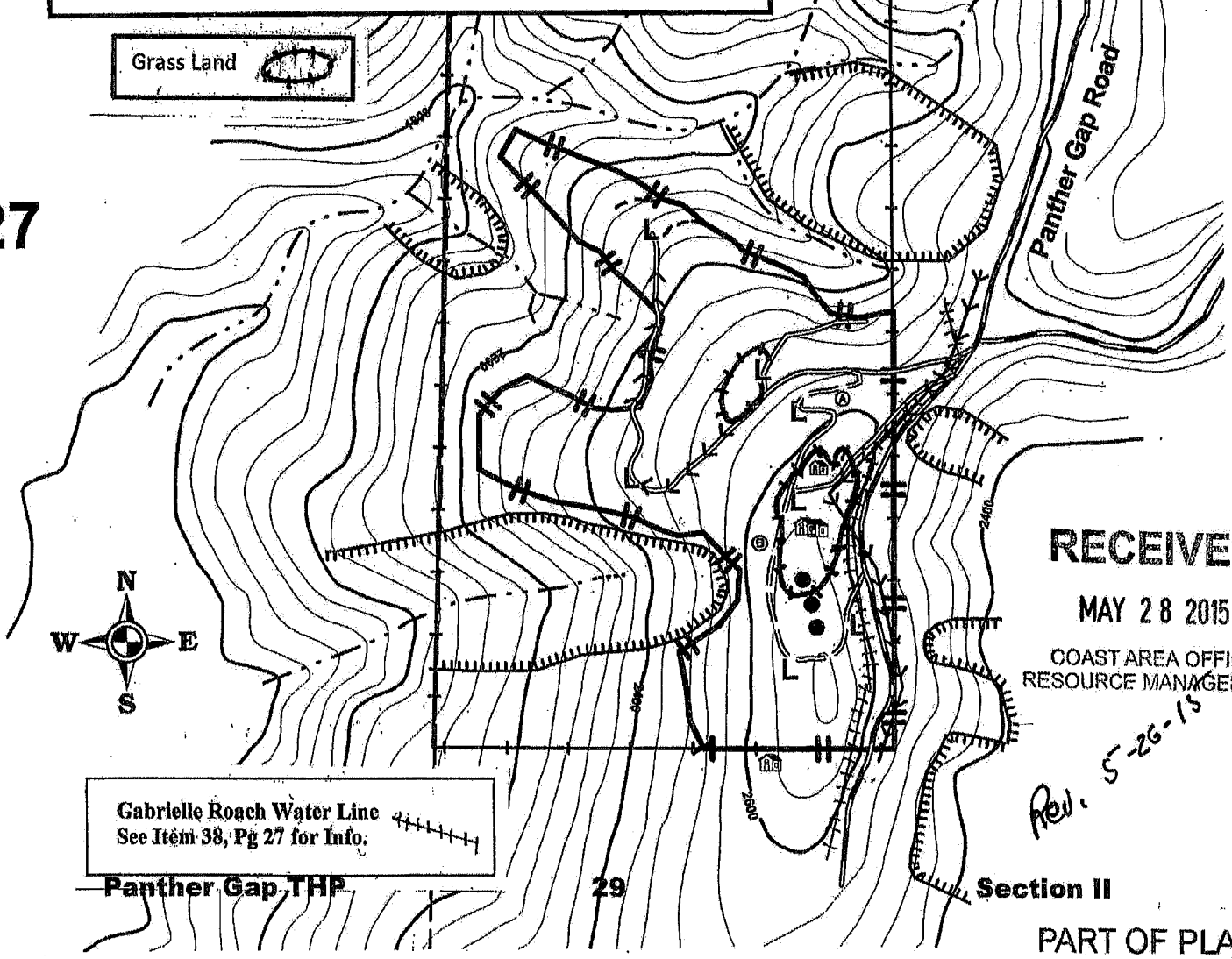
Rev. 5-19-15


Panther Gap THP – Botanical Habitat Legend
Grassland
Timber Areas
Focus on Appurtenant Roads, Skid Trails, Landings and disturbed areas
Humboldt County Milk Vetch – Blooming period (April - September)
Howell's Montia – Blooming period (March – May)
Seacoast Ragwort – Blooming period (May – July)
Siskiyou checkerbloom – Blooming period (May – August)
Focus on Grasslands and Openings
Pacific gilia – Blooming period (April – August)
Siskiyou checkerbloom – Blooming period (May – August)
Oregon polemonium – Blooming period (April – September)
Humboldt County Milk Vetch – Blooming period (April - September)
Focus on Timberland Areas
Seacoast Ragwort – Blooming period (May – July)
Oregon polemonium – Blooming period (April – September)
Siskiyou checkerbloom – Blooming period (May – August)
White-flowered rein orchid – Blooming period (March – September)
Humboldt County Milk Vetch – Blooming period (April - September)
26
Not to Scale
North

Panther Gap THP
THP Map
Sec. 26, T2S, R1E: HB&M
USGS Quad: Bull Creek
Contour Interval: 40'
Scale 1"=500'

- Property Line
- Project Boundary
- Permanent Paved/Rocked Road
- Existing Seasonal Dirt Road
- Proposed Seasonal Dirt Road
- Log Landings
- Existing Roads >15% per 500'
- Class II Watercourse
- Power Line
- Unstable Area
- Structures
- Water Tanks
- Skid Trails btwn 50 & 65%



27

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Rev. 5-26-15

Gabrielle Roach Water Line
See Item 38, Pg 27 for Info.

SECTION II - PLAN OF TIMBER OPERATIONS

NOTE: If a provision of this THP is proposed that is different than the standard rule, the explanation and justification should normally be included in Section III unless it is clearer and better understood as part of Section II.

14. SILVICULTURE METHODS

a. Check the Silvicultural methods or treatments allowed by the rules that are to be applied under this THP. Specify the option chosen to demonstrate Maximum Sustained Production (MSP) according to 14 CCR 913.11. If more than one method or treatment will be used, show boundaries on map and list approximate acreage for each.

☒ Group Selection ..... **29.5** Ac.

MSP option chosen: (a) ☐ (b) ☐ (c) ☒

b. If Selection, Group Selection, Commercial Thinning, Sanitation Salvage or Alternative methods are selected, the post harvest stocking levels (differentiated by site if applicable) must be stated. Note mapping requirements of 14 CCR 1034(x)(12).

GROUP SELECTION

At least 80% of the stocked plots must meet the basal area stocking standards of 75 ft^2 with Group A species. This also includes the retention of at least 15 square feet of basal area consisting of trees 18 inches DBH or greater. The seed trees must be of full crown, capable of seed production and representative of the best phenotypes available in the preharvest stand.

Not more than 20% of the stocked plots may meet stocking standards utilizing the 300 point count standard with trees that are at least 10 (ten) years old. These group openings shall be no larger than 2.5 acres in size. No mapped unstable areas shall be harvested.

Note: Group areas may natural seed or be planted with conifer. All areas shall be fenced from livestock until stocking is established.

c. ☐ Yes ☒ No Will even-age regeneration step units be larger than those specified in the rules (20 acre tractor, 30 acre cable)? If Yes, provide substantial evidence that the THP contains measures to accomplish any of subsections (A) - (E) of 14 CCR 913.1(a)(2) in Section III of the THP. List below any instructions to the LTO necessary to meet (A) - (E) not found elsewhere in the THP. These units must be designated on map and listed by size.

d. Trees to be harvested or retained must be marked by or marked under the supervision of the RPF. Specify how the trees will be marked and whether harvested or retained.

Harvest trees will be marked with a blue paint stripe at approximately breast height elevation above ground level on at least two sides, plus a paint base mark near ground level in the WLPZ's and harvest areas.

☐ Yes ☒ No Is a waiver of marking by the RPF requirement requested? If Yes, how will LTO determine which trees will be harvested or retained? If Yes and more than one silvicultural method, or Group Selection is to be used, how will LTO determine boundaries of different methods or groups?

e. Forest Products to be harvested: **Sawlogs, veneer logs, chip logs, split products and firewood.**

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PART OF PLAN

f. ☐ Yes ☒ No Are Group B species proposed for management?

☐ Yes ☒ No Are Group B or non-indigenous A species to be used to meet stocking standards?

☒ Yes ☐ 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 the LTO with necessary felling guidance. See "G" below.

g. Other instructions to LTO concerning felling operations.

1. **Desirable residual trees and tree seedlings of commercial species shall not be damaged or destroyed during felling operations. To the greatest extent feasible and with due consideration given to topography, lean of trees, landings, local obstructions, and safety factors, trees shall be felled to lead in a direction away from existing regeneration.**

2. **Where needed to maintain and increase site occupancy of Group A species 25% of the hardwoods will be harvested/treated during operations by mechanical or other means.**

h. ☐ Yes ☒ No Will artificial regeneration be required to meet stocking standards?

i. ☐ Yes ☒ No Will site preparation be used to meet stocking standards? If Yes, provide the information required for a site preparation addendum.

15. PESTS

a. ☒ Yes ☐ No Is this THP within an area that the Board of Forestry has declared a zone of infestation or infection pursuant to PRC 4712-4718? If Yes, identify feasible measures being taken to mitigate adverse infestation or infection impacts from the timber operation. See 14 CCR 917.9(a).

b. ☐ Yes ☒ No If outside a declared zone, are there any insect, disease or pest problems of significance in the THP area? If Yes, describe the proposed measures to improve the health, vigor and productivity of the stand(s).

A zone of infestation has been declared in response to growing concerns about the emerging problem of sudden oak death (SOD).

The counties regulated for SOD at this time are: Alameda, Contra Costa, Humboldt, Lake, Marin, Mendocirio, Monterey, Napa, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano, Sonoma, and Trinity, plus Curry County in Southern Oregon.

There are no known areas of SOD inside the plan area.

Known host species at this time are:

Scientific Name	Common Name
Acer macrophyllum	Bigleaf maple
Aesculus californica	California buckeye
Arbutus menziesii	Madrone
Arctostaphylos manzanita	Manzanita
Camellia spp.	Camellia - all species, hybrids, and cultivars

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RESOURCE MANAGEMENT

Rev. 5/4/15

- **Trinity River Company, Weaverville**
- **Sierra Pacific Industries, Eureka**
- **Humboldt Redwood Company, Scotia**
- **Britt Lumber Company, Arcata**
- **Schmidbauer Lumber Inc., Eureka**
- **C W Mills, Fortuna, CA**
- **Mendocino Redwood Company, Ukiah**
- **Schneider Docks Inc., Eureka**

Firewood in the form of cut rounds or split bolts shall not be transported out of Humboldt County.

Although the destination is known and stated above, other destinations for log shipment may be amended to the THP.

Material smaller than 4" in diameter must be moved in a closed container except split firewood bolts.

Movement of material greater than 4" in diameter does not require a closed container.

The LTO shall inspect all log trucks before they leave the harvest area and remove all tops less than 4" in diameter and debris of host plant species including limbs, twigs, and leaves.

If the plan submitter intends to continue using the plan as a compliance agreement, the THP must be amended each year if needed to be updated.

16. HARVESTING PRACTICES

Indicate type of yarding system and equipment to be used:

GROUND BASED (a-c)*	**CABLE** (d-f):	**SPECIAL** (g-i):
a. ☒ Tractor, including end/long lining	d. ☐ Cable, ground lead	g. ☐ Animal
b. ☒ Rubber tired skidder, Forwarder	e. ☐ Cable, high lead	h. ☐ Helicopter
c. ☒ Feller buncher	f. ☐ Cable, Skyline	i. ☐ Other

***NOTE: Tractor operations restrictions apply to ground based equipment.**

17. EROSION HAZARD RATING

Indicate Erosion Hazard Ratings present on THP. (Must match EHR worksheets).

See EHR worksheet(s) located in THP Section V.

Low ☐ Moderate ☒ High ☐ Extreme ☐

If more than one rating is checked, areas must be delineated on map to 20 acres in size (10 acres for high and extreme EHRs in the Coast District)

Calluna vulgaris	Scotch heather
Hamamelis virginiana	Witch hazel
Heteromeles arbutifolia	Toyon
Lithocarpus densiflora	Tanoak
Lonicera hispidula	California honeysuckle
Maianthemum racemosum (formerly Smilacina racemosa)	False Solomon's seal
Photinia fraseri	Red tip or Fraser's Photinia
Pieris formosa	Himalaya pieris
Pieris formosa x japonica	Pieris 'Forest Flame'
Pieris floribunda x japonica	Pieris 'Brouwer's Beauty'
Pieris japonica	Japanese pieris
Pseudotsuga menziesii var.menziesii	Douglas fir (basal trunk/burl sprouts, small branches (less than one inch in diameter), and leaves (needles))
Quercus agrifolia	Coast live oak
Quercus chrysolepis	Canyon live oak
Quercus kelloggii	California black oak
Quercus parvula v. shrevei	Shreve oak
Rhamnus californica	California coffeeberry
Rhododendron spp	Rhododendron (including azaleas) - all species, hybrids, and cultivars
Rosa gymnocarpa	Wood rose
Sequoia sempervirens	Coast redwood (basal trunk/burl sprouts, small branches (less than one inch in diameter), and leaves (needles))
Trientalis latifolia	Western starflower
Umbellularia californica	California bay laurel/Oregon myrtle/pepperwood
Vaccinium ovatum	Evergreen huckleberry
Viburnum x bodnantense	Bodnant Viburnum
Viburnum plicatum var. tomentosum	Doublefile Viburnum
Viburnum tinus	Laurustinus

Host species and material may be removed from this THP area in the form of sawlogs, chip logs, and firewood. Species include Redwood and Douglas-fir. Material includes all other conifers and hardwoods.

Host material shall not be moved outside of the regulated area without amendment of appropriate state and federal permits to this THP.

This THP shall serve as a compliance agreement for movement of host material within the regulated area.

The destination of logs of host material are:

- **Simpson Timber Company, Fairhaven**
- **Simpson Timber Company, Korbel**

Section	Township	Range	Acreage	County
26	**2S**	**1E**	**32**	**Humboldt**
TOTAL ACREAGE (Logging Area Only):			**32**	

Note: Approximately 2.5 acres are grassland. Have been noted as logging area due to landing and skidding use.

Planning Watershed(s): CALWATER version 2.2, identification number, and name: **Dry Creek 1112.300304**

USGS Quad Map and Publication Date: **Bull Creek**

9. ☐ Yes ☒ No Has a Timberland Conversion been submitted? If Yes, list expected approval date or permit number and expiration date if already approved.

10. ☐ Yes ☒ No Is there an approved Sustained Yield Plan for this property? Date approved

11. ☐ Yes ☒ No Is there a THP or NTMP on file with CDF for any portion of the plan area for which a report of satisfactory stocking has not been issued by CDF?

☐ Yes ☒ No Is there a contiguous even aged unit with regeneration less than five years old or less than five feet tall? If Yes, explain. Ref. Title 14 CCR 913.1(a)(4).

12. ☒ Yes ☐ No Is a Notice of Intent necessary for this THP?

☒ Yes ☐ No If Yes, was the Notice of Intent posted as required by 14 CCR 1032.7(g)?

13. RPF preparing the THP: **Stephen Hohman** RFP No.: **2652**
Address: **Hohman & Associates – PO Box 733**
City: **Hydesville** State: **CA** Zip: **95547** Phone: **(707) 768-3743**

a. ☒ Yes ☐ No I have notified the plan submitter(s), in writing, of their responsibilities pursuant to Title 14 CCR 1035 of the Forest Practice Rules. **See letter in Section V.**

☒ Yes ☐ No I have notified the timber owner and the timberland owner of their responsibilities for compliance with the Forest Practice Act and rules, specifically the stocking requirements of the rules and the maintenance of erosion control structures of the rules. **See letters in Section V.**

b. ☒ Yes ☐ No I will provide the timber operator with a copy of the portions of the approved THP as listed in 14 CCR 1035(e). If No, who will provide the LTO a copy of the approved THP?

c. ☒ Yes ☐ No I have been retained as the RPF, available to provide professional advice to the LTO and timberland owner upon request throughout the active timber operations regarding: (1) the plan, (2) the forest practice rules, (3) and other associated regulations pertaining to timber operations.

d. I have the following authority and responsibilities for preparation and administration of the THP and timber operation. (Include both work completed and work remaining to be done):

The listed RPF is responsible for the preparation of this THP, including the fieldwork requiring an RPF or supervised designee. The RPF shall meet with the LTO prior to the commencement of timber operations to advise the LTO of sensitive conditions and provisions of the plan pursuant to 14 CCR 1035.2. The meeting shall be onsite if requested by either the RPF or LTO.

I have been retained as the RPF, available to provide professional advice to the LTO and the timberland owner upon request throughout the active timber operations regarding: (1) the plan, (2) the forest practice rules, (3) and other associated regulations pertaining to timber operations

e. Additional required work requiring an RPF, which I do not have the authority or responsibility to perform:

I do not assume responsibility for additional work requiring an RPF when the services of the RPF who prepared the plan are not specified by the Forest Practice Rules, unless said work is performed by myself or under my direction. The RPF does not assume responsibility for establishing of property line.

f. After considering the rules of the Board of Forestry and the mitigation measures incorporated in this THP, I have determined that the timber operation:

☐ Will have a significant adverse impact on the environment. (Statement of reasons for overriding considerations contained in THP Section III).

☒ Will not have a significant adverse impact on the environment.

Registered Professional Forester: 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. If this is a Modified THP, I also, certify that: 1) the conditions or facts stated in 14 CCR 1051 (a) (1) - (16) exist on the THP area at the time of submission, preparation, mitigation, and analysis of the THP and no identified potential significant effects remain undisclosed; and 2) I, or my supervised designee will meet with the LTO at the THP site, before timber operations commence, to review and discuss the contents and implementation of the Modified THP.

Signature: _____ Date: 4/7/15

PROFESSIONAL FORESTER
STEPHEN J. HOHMAN
No. 2652
REGISTERED
PROFESSIONAL
FORESTER
STATE OF CALIFORNIA

18. SOIL STABILIZATION

In addition to the standard waterbreak requirements, describe soil stabilization measures or additional erosion control measures to be implemented and the location of their application. See requirements of 14 CCR 916.7.

To comply with the requirements of the California Water Quality Control Board Order R1-2014-0011 for erosion control plans related to timber harvest activities, a Sediment Prevention Plan is attached at the end of Section V. All logging and appurtenant roads, landings and crossings shall be monitored as per 14CCR 923.7(a)-(k). Monitoring inspections shall be performed as per California Water Quality Control Board requirements listed in the Sediment Prevention Plan. (14CCR 923.7(K)(2))

All logging road and landing surfaces shall be adequately drained through the use of logging road and landing surface shapping in combination with the installation of drainage structures or facilities and shall be hydrologically disconnected from watercourse and lakes to the extent feasible. (14CCR 923.5(a)

Drainage facilities and structures shall be installed in sufficient number to minimize erosion and sediment transport. Facilities and structures shall be installed to (1) adequately sized to convey runoff, (2) minimize erosion of logging road and landing surfaces, (3)avoid discharge onto unprotected fill, (4) discharge to erosion resistant material, and (5) minimize potential adverse impacts to slope stability. (Note: No watercourses present within plan area. Stabilization measures remain within plan due to adjacentcy of the project to Class III watercourses). (14CCR 923.5(c).

a. **Within the WLPZ, or any ELZ or EEZ designated for watercourse or lake protection, areas of bare mineral soil exposed by timber operations exceeding 100 continuous square feet; approaches to tractor road watercourse crossings between the drainage crossing facilities closest to the crossing, disturbed logging road and landing road cutbanks and fills, and any other area of disturbed soil that threatens to discharge a significant amount of sediment into the watercourse shall be treated. Treatment shall entail mulching the areas with straw to obtain least 90% coverage or apply fine logging slash at a minimum coverage rate of 75% of the area in contact with the ground. Any straw treated area that has been subject to reuse or has less than 90% surface cover shall be treated again prior to the end of timber operations. (14CCR 916.9(n), 923.5(g)(3) & 923.9(t)(4))**

- **Timeline for treatments are as follows:**

- **For areas disturbed from May 1 through October 15, treatment shall be completed prior to the start of any rain that causes overland flow across or along the disturbed surface. (14CCR 916.9(m) & (n), & 923.5(g))**

- **For areas disturbed from October 16 through April 30, treatment shall be completed prior to any day for which a chance of rain of 30 percent or greater is forecast by the National Weather Service or within 10 days which ever is earlier. (14CCR 916.9(m) & (n), & 923.5(g)(3))**

b. **Sidecast or fill material exceeding 20 feet in slope distance from the outside edge of a logging road or landing which has access to a watercourse or lake; Cut and fills associated with approaches to logging road watercourse crossings of Class I or II waters or Class III waters where an ELZ, EEZ or a WLPZ is required; shall be mulched with straw or fine logging slash to a depth of two inches with at least 90% coverage and seeded at a rate of at least 30 pounds per acre prior to October 15th. (14CCR 923.5(l)(1) & (m); 923.7(f) and 923.9(t)(2))**

c. 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, (2) any day with a National Weather Service forecast of a chance of rain of 30% or more, a flash flood warning, or a flash flood watch. (916.9(m)).Tractor roads shall not be sused when operations may result in significant sediment discharge.

d. Within the WLPZ, or any ELZ or EEZ designated for watercourse or lake protection, the traveled surface of logging roads shall be treated to prevent waterborne transport of sediment and concentration of runoff that results from timber operations following the above Item 18(a) timelines. Treatments shall consist of placement of waterbreaks where applicable, cleaning of the inlets, outlets and inside ditches. (14CCR 916.9(n)(2) and 923.5(f))

Logging road and landing surfaces , road approaches, inside ditches and drainage; existing potential or significant sediment discharge shall be hydrologically disconnected or shall be treated to prevent discharge in the form of removal, rocking, rip-rap, replanting, seeding, commercial erosion devices or chemical stabilizers. (923.5(i)).

e. Where the undisturbed natural ground cover within the WLPZ, or any ELZ or EEZ designated for watercourse or lake protection cannot effectively protect beneficial uses of water from timber operations, the ground shall be treated by measures including, but not limited to seeding, mulching, or replanting, in order to retain and improve its natural ability to filter sediment, minimize soil erosion, and stabilize banks of watercourses and lakes. (14CCR 916.9(n)(7) & 923.5(q)(F))

f. Waterbreaks installed across the logging roads, landings and skid trails shall be of sufficient size and number and be located to avoid collecting and discharging concentrated runoff onto fills, erodible soils, unstable areas and connected headwall swales. Where waterbreaks are used to control surface runoff, the waterbreaks shall be cut diagonally a minimum of six inches into the firm compacted surface. These structures shall discharge into vegetation, woody debris (slash) or rock where ever possible. Distances between waterbreaks are as follows:

MAXIMUM DISTANCE BETWEEN WATERBREAKS (14 CCR 914.6)

Estimated Hazard Rating	U.S. Equivalent Measure Road or Trail Gradient			
	10 or less (Feet)	11 to 25 (Feet)	26 to 50 (Feet)	> 50 (Feet)
Extreme	100	75	50	50
High	150	100	75	50
Moderate	200	150	100	75
Low	300	200	150	100

Where outsloping and rolling dips are used to control surface runoff, the dip in the logging road grade shall be sufficient to capture runoff from the logging road surface. The steepness of cross-slope gradient in conjunction with the logging road or landing gradient and the estimated soil erosion hazard rating shall be used to determine the rolling dip spacing.

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.

19. **LAYOUTS**

☐ Yes ☒ No Are tractor or skidder constructed layouts to be used? If Yes, specify the location and extent of use:

20. ☐ Yes ☒ No Will ground based equipment be used within the area(s) designated for cable [or helicopter] yarding? If Yes, specify the location and for what purpose the equipment will be used?

21. Within the THP area will ground based equipment be used on:

a. ☐ Yes ☒ No Unstable soils or slide areas? Only allowed if unavoidable. See Item 2a below

b. ☒ Yes ☐ No Slopes over 65%?

c. ☐ Yes ☒ No Slopes over 50% with high or extreme EHR?

d. ☐ Yes ☒ No Slopes between 50% and 65% with moderate EHR where heavy equipment use will not be restricted to the limits described in 14 CCR 914.2(f)(2)(I) or (ii)?

Note: Two skid trails are flagged and mapped on the THP Map. The skid trails are on Slopes between 50% and 65% with moderate EHR where heavy equipment use will be restricted to the limits described in 14 CCR 914.2(f)(2)(I) or (ii)

e. ☐ Yes ☒ No Slopes over 50% which lead without flattening to sufficiently dissipate water flow and trap sediment before it reaches a watercourse or lake?

Note: No active unstable areas are present within the project area. Landslide failures are present on adjacent properties or flagged out of the THP. No timber operations shall occur on the mapped unstable areas.

If a. is Yes, provide site specific measures to minimize effect of operations on slope stability and provide explanation and justification as required per 14 CCR 914.2(d). CDF requests the RPF consider flagging tractor road locations if a. is Yes. If b., c., d., or e. is Yes: 1) the location of tractor roads must be flagged on the ground prior to the PHI or start of operations if a PHI is not required, and 2) you must clearly explain the proposed exception and justify why the standard rule is not feasible or would not comply with 914. The location of heavy equipment operation on unstable areas or any use beyond the limitations of the standard rules must be shown on the map. List specific instructions to the LTO below.

22. ☐ Yes ☒ No Are any alternative practices to the standard harvesting or erosion control rules proposed for this plan? If Yes, provide all the information as required by 14 CCR 914.9 in Section III. List specific instructions to the LTO below

23. **WINTER OPERATIONS**

a. ☒ Yes ☐ No Will timber operations occur during the winter period? If Yes, complete c. or d. State in space provided if exempt because yarding method will be cable, helicopter, or balloon.

b. ☐ Yes ☒ No Will mechanical site preparation be conducted during the winter period. If Yes, complete d.

c. ☐ Yes I choose the in-lieu option as allowed in 14 CCR 914 .7(c). Specify below 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), if there will be no winter operations in these areas, so state.

d. ☒ Yes I choose to prepare a winter operating plan per 14 CCR 914.7(b).

NOTE: "Winter period" for this THP is from November 15 to April 1.

Winter Operating Plan

1. **Erosion Hazard Rating: The erosion hazard rating for the entire THP is considered moderate.**

2. **Mechanical Site Preparation Method: No site prep during wet weather period.**

3. **Yarding System: The yarding system for the entire THP is ground-based. Includes skid trails and tractor road watercourse crossings.**

4. **Operating Period: The operating plan shall cover the winter wet weather period of October 15th to to May 1st.**

5. **Erosion Control Facilities timing: Please note there are no WLPZs or ELZs within the plan area). 914.7(b)(5)**

   923.5(J) Drainage facilities on roads shall be in place and functional by October 15. An exception is that waterbreaks do not need to be constructed on roads in use after October 15 provided that all such waterbreaks are installed prior to the start of rain that generates overland flow.

   916.9(m) 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 or 30% or more, a flash flood warning, or a flash flood watch.

   916.9(n) Within WLPZs, and within any ELZ or ELZ designated for watershed or lake protection, areas disturbed from October 16 through April 30, (soil stabilization) treatment shall be completed prior to any day for which a chance of rain of 30 percent or greater is forecast by the National Weather Service or within 10 days, whichever is earlier. (923.5(o) & 923.6(h)(6)

   Timing of Waterbreaks on Roads, Landings and Skid Trails:
   As per 914.6 the following standards are applicable to the construction of waterbreaks:

   All waterbreaks shall be installed no later than the beginning of the winter period of the current year of timber operation. Installations of drainage facilities and structures is required from October 15th 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.

   Waterbreaks shall be constructed concurrently with the construction of firebreaks and immediately upon conclusion of use of tractor roads, roads, layouts, and landings which do not have permanent and adequate drainage facilities, or drainage structures. (923.9(s)

6. **Precipitation: Precipitation will be in the form of rain, hail and snow.**

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7. Ground Conditions:

Saturated soil conditions (14CCR 895.1) means: *"Saturated soil conditions, as defined in 14 CCR 895.1 means:*

That 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.

Stable Operating Surface as defined in 14 CCR 895.1 means:
A road or landing surface that can support vehicular traffic and has a structurally sound road base appropriate for the type, intensity and timing of intended use.

8. Silviculture System: The silvicultural system for this THP is Group Selection. Ground cover following operations is expected to consist of, residual conifers and hardwoods, slash, stumps, and minimal brush.

9. There are no WLPZ skid trails. 914.7(b)(9)

10. Equipment Use Limitations: Heavy equipment operations (ground base equipment, road reconstruction and landing construction/ reconstruction) shall only occur during an "extended period of low antecedent soil moisture". This is defined as a condition in which saturated soil conditions do not exist and a stable operating surface does exist. "Saturated Soil Conditions" and "Stable Operating Surface" are defined above in Number 7.

    Tractor yarding or the use of tractors for constructing logging roads, landings, watercourse crossings, layouts firebreaks or other tractor roads shall be done only during dry, rainless periods and shall not be conducted on saturated soil conditions that may produce significant sediment discharge.

11. Unstable Areas: No operations shall occur in mapped unstable areas.

12. Logging Roads & Landings: Where logging road or landing construction or reconstruction takes place during the extended wet weather period, drainage facilities and structures shall be installed concurrent with construction or reconstruction operations. Log hauling or other heavy equipment uses shall be limited to logging roads and landings that exhibit a stable operating surface in conformance with design and construction specifications. Routine use of logging roads and landings shall not occur when equipment cannot operate under its own power.

    Concurrent with use for log hauling, all road approaches to watercourse crossings (WLPZ, ELZ or EEZ designated for watercourse protection) shall be treated for erosion control as needed to minimize soil erosion and sediment transport and to prevent significant sediment discharge to watercourses and lakes.

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24. ROADS AND LANDINGS

Will any roads be constructed? ☒ Yes ☐ No; or reconstructed? ☒ Yes ☐ No. If Yes, check items a through g.
Will any landings be constructed? ☒ Yes ☐ No; or reconstructed? ☒ Yes ☐ No. If Yes, check items h. through k.

a. ☐ Yes ☒ No Will new or reconstructed roads be wider than single lane with turnouts?

b. ☐ Yes ☒ No Are logging roads proposed or reconstructed in areas of unstable soils or known slide-prone areas?

c. ☐ Yes ☒ No Will new roads exceed a grade of 15% or have pitches of up to 20% for distances greater than 500 feet? Map must identify any new or reconstructed road segments that exceed an average 15% grade for over 200 feet.

d. ☐ Yes ☒ No Are roads to be constructed or reconstructed, other than crossings, within the WLPZ of a watercourse? If yes, completion of THP Item 27(a) will satisfy required documentation.

e. ☐ Yes ☒ No Will roads be located across more than 100 feet of lineal distance on slopes over 65%, or on slopes over 50% which are within 100 feet of the boundary of a WLPZ?

f. ☐ Yes ☒ No Will any roads or watercourse crossings be abandoned?

g. ☐ Yes ☒ No Are exceptions proposed for flagging or otherwise identifying the location or roads to be constructed?

h. ☐ Yes ☒ No Will any landings exceed one half acre in size? If any landing exceeds one-quarter acre in size or requires substantial excavation the location must be shown on the map.

i. ☐ Yes ☒ No Are any landings proposed in areas of unstable soils or known slide prone areas?

j. ☐ Yes ☒ No Will any landings be located on slopes over 65% or on slopes over 50% which are within 100 feet of the boundary of a WLPZ?

k. ☐ Yes ☒ No Will any landings be abandoned?

If any section in "item 24" above is answered yes, specify site-specific measures to reduce adverse impacts and list any additional or special information needed by the LTO concerning the construction, maintenance, and/or abandonment of roads or landings, as required by 14 CCR Article 12. Include required explanation and justification in THP Section III.

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25. Road Construction and Reconstruction Specifications: See THP Map.

a. THP proposes 1,100' of new road construction with minor amounts of road and landing reconstruction. Approximately 500' of road reconstruction may occur if the prisms are used.

b. THP proposes construction/reconstruction of roads & landings following the Cut and fill method. General construction specifications are as follows:
   (1) Road/Landing shall be constructed to avoid overhanging banks. On slopes over 40%, the organic layer of the soil shall be removed prior to fill placement.
   (2) Any tree over 12 inches DBH with more than 25% of the root surface exposed by construction shall be felled to reduce future safety concerns.
   (3) Waste organic material, such as uprooted stumps, cull logs, accumulations of limbs and branches, and unmerchantable trees, shall not be buried in logging road or landing fills. Wood debris or cull logs and chunks may be placed and stabilized at the toe of fill to restrain excavated soil from moving downslope.
   (4) Slash and other debris from road construction shall not be bunched against residual trees, nor shall it be placed in locations where it could be discharged into Class I or II watercourses or lakes.
   (5) Where fills will exceed three feet in vertical thickness, fill slopes shall be inclined no greater than 65%.
   (6) On slopes greater than 50% for greater than 100 lineal feet, fills greater than four feet in vertical height at the outside shoulder of the logging road or landing shall; (1) be constructed on a bench that is excavated at the proposed toe of the fill and is wide enough to compact the first lift. (2) The road/landing shall be compacted in one foot lifts from the toe to the fill and is wide enough to compact the first lift.
   (7) Where cutbank stability is not an issue, logging roads may be constructed as a full-benched cut (no fill). Spoils not utilized in logging road construction shall be disposed of in stable areas with less than 30% slope outside of any WLPZ, EEZ, or ELZ.

c. Excess material transported from logging road or landing construction or reconstruction shall be deposited and stabilized in a manner and in areas that avoid potential adverse impacts to locations that could deliver significant sediment discharge.

d. The erosion control maintenance period on permanent and seasonal roads and associated landings that are not abandoned in accordance with 14 CCR 923.8 shall be three years. Road maintenance may include the removal of vegetation within 25 feet of the edge of the road surface outside of any WLPZ and may also be utilized along roads appurtenant to the plan.

e. No Significant existing and potential erosion sites have been located within the THP. (923.1(e)(3)-(5))

f. 14 CCR 923.5(g)(2): Existing seasonal haul route contains portions of road prism that average or exceed 15% for 500 feet or more. The specific erosion control measures needed to properly drain these sections of road are as follows. (See THP map for prisms greater than 15%):
   1. Waterbreaks shall be maintained as specified in 14 CCR 914.6.
   2. Unless partially blocked to create a temporary water source, watercourse crossing facilities and drainage structures, where feasible, shall be kept open to the unrestricted passage of water. Where needed, trash racks or similar devices shall be installed at culvert inlets in a manner, which minimizes culvert blockage. Temporary blockages shall be removed by November 15.
   3. Before the beginning of the winter period, all roadside berms shall be removed from logging roads or breached, except where needed to facilitate erosion control.

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4. Drainage structures, if not adequate to carry water from the 100-year flood level, shall be removed by Oct 15th of each year or by the end of timber operations whichever occurs first. Properly functioning drainage structures on roads that existed before timber operations need not be removed. There are no watercourse crossings along the steep road.
5. During timber operations, road running surfaces in the logging area shall be treated as necessary to prevent excessive loss of road surface materials by, but not limited to rocking, or watering.

g. Logging road or landing construction or reconstruction is proposed. The plan is small in size fits a systematic layout pattern for hauling tomber safely off the property. There are no watercourse crossings proposed in the project and no offsetting mitigation measures are proposed. Abandonment of logging roads and landings are not needed to minimize potential adverse impacts to watersheds from the road system. 923.1(g)

H. Road and Watercourse Crossing Site Specific Points per 923.9(a) (following points correspond to the plan maps); No watercourse crossings present in the plan. No drafting sites or rock pits present with the THP; Water for dust control and rock for crossings will be purchased from outside sources. See road points below.

Point A: Proposed seasonal dirt road construction for 300'. Follow cut and fill construction with rolling dips developed as per waterbreak table on page 10 to drain the prism.

Point B: Proposed seasonal dirt road construction for 800'. Follow cut and fill construction with rolling dips developed as per waterbreak table on page 10 to drain the prism.

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26. WATERCOURSE AND LAKE PROTECTION ZONE (WLPZ) AND DOMESTIC WATER SUPPLY PROTECTION MEASURES

a. ☒ Yes ☐ No Are there any watercourse or lakes which contain Class I through IV waters on or adjacent to the plan area? If Yes, list the class, WLPZ or ELZ width, and protective measures determined from 14 CCR 916.4 (936.4, 956.4) of the WLPZ rules (revised 11/13/2000: CDF Findings\ 99 COHO Considerations\ Final Rule Language (3)) and/or Table I in 14 CCR 916.5 for each watercourse. Specify if Class III or IV watercourses have WLPZ, ELZ or both.

The RPF or supervised designee has conducted field examinations as per 14 CCR 916.4. After examination and analysis of existing conditions and available data, it has been determined that implementation of the plan as proposed, will address and mitigate the concerns of these rules. No maps are necessary because no Salmonid Habitat is present in or near the THP area.

☐ Yes ☒ No **Are there any Class I watercourses (or Class II watercourses that can be feasibly restored to Class I) identified that present opportunity for habitat restoration? If "Yes," refer to Section II, Item 38.**

b. ☐ Yes ☒ No Are there any watercourse crossings that require mapping per 14 CCR 1034 (x)(7)?

c. ☐ Yes ☒ No Will tractor road watercourse crossings involve the use of a culvert? If Yes, state minimum diameter for each culvert (may be shown on map).

d. ☐ Yes ☒ No Is this THP Review Process to be used to meet Department of Fish and Game CEQA review requirements? If Yes, attach the 1603 Addendum below or at the end of this Section. Provide the background information and analysis in Section III. List instructions for LTO below for the installation, protection measures, and mitigation measures as per THP for Instructions or CDF Mass Mailing, 07/02/1999, "Fish and Game Code 1603 Agreements and THP Documentation".

Note: The DFG 1600 process was revised and new requirements went into effect on January 1, 2004. The DFG 1603 Agreements were replaced by a DFG 1602 and or 1611 Agreement. The response to the "Yes" and "No" checkboxes in Question d. are answered with regard to the DFG 1600 process.

☐ Yes ☒ No Will the submittal of this THP provide notification to the Department of Fish and Game as per Fish and Game Code Section 1611?

☐ Yes ☒ No Will the plan submitter provide notification to the Department of Fish and Game at a later date, after submittal of the THP as per Fish and Game Code Section 1602?

There are no 1600 crossings present within the THP.

There are no 1600 crossing on the non-appurtenant road.

Item 26(a): (Watercourse Protection Measures)

CLASS I WATERCOURSE

There are no Class I Watercourses present within the project area.

CLASS II-LARGE WATERCOURSE
(14CCR 916.9(g): (Class II watercourses within the Coastal Anadromy Zone))

There are no Class II-Large Watercourses present within the project area.

CLASS II-STANDARD WATERCOURSE

There are no Class II-Standard Watercourses present within the project area.

CLASS III WATERCOURSE

There are no Class III Watercourses present within the project area.

27. "IN LIEU" WLPZ PRACTICE(S)

Are site-specific practices proposed in-lieu of the following standard WLPZ practices?

a. ☐ Yes ☒ No Prohibition of the construction or reconstruction of roads, construction or use of tractor roads or landings in Class I, II, III, or IV watercourses, WLPZs, marshes, wet meadows, and other wet areas except as follows:
1) At prepared tractor road crossings.
2) Crossings of Class III watercourses which are dry at time of timber operations.
3) At existing road crossings.
4) At new tractor and road crossings approved by Department of Fish and Game.
5) At the existing WLPZ landing.

b. ☐ Yes ☒ No Retention of non-commercial vegetation bordering and covering meadows and wet areas?

c. ☐ Yes ☒ No Directional felling of trees within the WLPZ away from the watercourse or lake?

d. ☐ Yes ☒ No Increase or decrease of width(s) of the WLPZ(s)?

e. ☐ Yes ☒ No Protection of watercourses, which conduct class IV waters?

f. ☐ Yes ☒ No Exclusion of heavy equipment from the WLPZ except as follows:
1) At prepared tractor road crossings.
2) Crossings of Class III watercourses which are dry at time of timber operations.
3) At existing road crossings.

4) At new tractor and road crossings approved by Department of Fish and Game.

g. ☐ Yes ☒ No Establishment of ELZ for Class III watercourses unless sideslopes are < 30% and EHR is low?

h. ☐ Yes ☒ No Retention of 50% of the overstory canopy in the WLPZ?

i. ☐ Yes ☒ No Retention of 50% of the understory in the WLPZ?

j. ☐ Yes ☒ No Are any additional in-lieu or any alternative practices proposed for watercourse or lake protection?

NOTE: A Yes answer to any of items a. through j. constitutes an in-lieu practice. If any item is answered yes, refer to 14 CCR 916.1 and address the following for each item checked yes: 1. The RPF shall state the standard rule; 2. Explain and describe each proposed practice; 3. Explain how the proposed practice differs from the standard practice; 4. The specific location where it shall be applied, see map requirements of 14 CCR 1034(x)(15) and (16); 5. Provide in THP Section III an explanation and justification as to how the protection provided is equal to the standard rule and provides for the protection of the beneficial uses of water per 14 CCR 916.1(a). Reference the in-lieu and location to the specific watercourse to which it will be applied.

28. a. ☒ Yes ☐ No Are there any landowners within 1000 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? If Yes, the requirements of 14 CCR 1032.10 apply. Proof of notice by letter and newspaper should be included in THP Section V. If No, 28 b. need not be answered.

b. ☐ Yes ☒ No Is an exemption requested of the notification requirements of 1032.10? If Yes, explanation and justification for the exemption must appear in THP Section III. Specify if requesting an exemption from the letter, the newspaper notice or both.

c. ☒ Yes ☐ No Was any information received on domestic water supplies that required additional mitigation beyond that required by standard Watercourse and Lake Protection rules? If Yes, list site specific measures to be implemented by the LTO. **See Item 38, page 27 for mitigations.**

29. ☐ Yes ☒ No Is any part of the THP area within a Sensitive Watershed as designated by the Board of Forestry?
If Yes, identify the watershed and list any special rules, operating procedures or mitigation that will be used to protect the resources identified at risk?

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30. **HAZARD REDUCTION**

a. ☒ Yes ☐ No Are there roads or improvements which require slash treatment adjacent to them? If Yes, specify the type of improvement, treatment distance, and treatment method.

b. ☐ Yes ☒ No Are any alternatives to the rules for slash treatment along roads and within 200 feet of structures requested? If yes, RPF must explain and justify how alternative provides equal fire protection. Include a description of the alternative and where it will be utilized below.

Treatment of Slash to Reduce Fire Hazard (See Structures located on THP Map)

A) **Slash to be treated by piling and burning shall be treated not later than April 1, of the year following its creation, or within 30 days following climatic access, or as justified in the plan.**

B) **Within 100 feet of the edge of the traveled surface of public roads, and 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, slash created and trees knocked down by road construction or timber operations shall be treated by lopping for fire hazard reduction, piling and burning, chipping, burying or removal from the zone**

C) **All woody debris created by timber operations greater than one inch but less than eight inches in diameter within 100 feet of permanently located structures maintained for human habitation shall be removed or piled and burned; all slash created between 100-200 feet of permanently located structures maintained for human habitation shall be lopped for fire hazard reduction, removed, chipped or piled and burned; lopping may be required between 200-500 feet where unusual fire risk or hazard exist as determined by the Director.**

31. ☒ Yes ☐ No Will piling and burning be used for hazard reduction? See 14 CCR 917.1-11 for specific requirements. Note: LTO is responsible for slash disposal. This responsibility cannot be transferred.

32. **BIOLOGICAL AND CULTURAL RESOURCES**

a. ☒ Yes ☐ No Are any plant or animal species, including their habitat, which are listed as rare, threatened or endangered under federal or state law, or a sensitive species by the Board, associated with the THP area? If Yes, identify the species and the provisions to be taken for the protection of the species. **See Section III – Addendum 32.**

NSO Protection Measures:

- **This THP falls within the coast range of the northern spotted owl.**
- **The plan will comply with 14CCR 919.9(e) using USFWS Attachment A dated 3-15-11, Scenario 4.**
- **No timber operations shall occur until surveys which follow the most current, approved USFWS NSO protocol for the current year, or survey period are complete; the results have been provided to CAL FIRE and amended to the plan.,**
- **Habitat retention levels and operational protection measures for any known, or future known activity centers with 0.7 mile radius of the plan are as follows:**

For all known Activity Centers, timber operations should adhere to the following recommendations:

a. Within the 100-acre Core Area polygon of an NSO Activity Center (AC):
   1. Outside the breeding season, limited timber operations (i.e, road use and maintenance, map point work, tail-hold placements, use of existing skid roads, and loading) may be conducted, provided no trees > 11inches DBH are cut or removed by the operations, and no logs are yarded through the Core Area.
   2. During the NSO breeding season, timber operations (including use of roads before July 9th), are not allowed within the 100-acre Core Area polygon, except as allowed in subsections d & e, below.

b. Timber operations outside the 100-acre Core Area polygon, but within 0.25 mile of an NSO AC:
   1. Outside the breeding season, timber operations may be conducted.
   2. During the breeding season, no timber operations should proceed unless protocol surveys do not detect nesting NSOs.

c. For all NSO Activity Centers, prior to May 15th (until the required May 15 or later survey is completed):
   1. Timber operations (except helicopter yarding or staging) may be conducted only on those THP areas >0.25 mile from the Activity Center.
   2. Helicopter yarding and staging may occur only on those THP areas >0.5 mile from the NSO AC.

d. For all NSO Activity Centers where reproductive status has been determined to be non-nesting of faild nesting:
   1. Limited timber operations (road use and maintenance, map point work, use of existing skid roads, tail-hold placements and loading) may be conducted within the 100-acre Core Area polygon of the Activity Center provided no trees > 11 inches DBH are cut or removed by the operations, and no logs are yarded through the Core Area.
   2. Full timber operations, including helicopter yarding and staging, may be conducted within 0.25 mile but not within the 100-acre core polygon of the Activity Center. Helicopter fly-overs shall not occur within 1000 feet of the NSO AC.

e. For NSO Activity Centers, where reproductive status has been determined to be nesting:
   1. For Activity Centers where fledging status has been determined, timber operations may be conducted only on those THP areas that are >0.25 mile from the Activity Center until the end of the breeding season.
   2. Helicopter yarding and staging may occur only on those THP areas >0.5 mile from the NSO AC.

f. For NSO Activity Centers, where fledging status has been determined (either nest failure or fledlings have left the Core Area):
   1. Full timber operations, including helicopter yarding and staging, may be conducted within 0.25 mile but not within the 100-acre core polygon of the Activity Center. Helicopter fly-overs shall not occur within 1000 feet of the NSO AC.
   2. Limited timber operations (road use and maintenance, map point work, use of existing skid roads, tail-hold placements and loading) may be conducted within the 100-acre Core Area polygon of the Activity Center provided no trees > 11 inches DBH are cut or removed by the operations, and no logs are yarded through the Core Area.

g. For any NSO Activity Center, regardless of reproductive status:

1. If NSO move to a new location (>1000 feet from the historical Activity Center) and reproductive behavior is confirmed at the new site, request technical assistance to evaluate the status of the historical AC.

Core Area Habitat Protection

a. Once an Activity Center has been accurately mapped, a 100-acre Core Area polygon must be identified that contains the highest quality habitat (typically Nesting/Roosting) located contiguous with the Activity Center.

b. When an Activity Center is surrounded by sufficient Nesting/Roosting habitat, the Core Are polygon is typically mapped starting with a 1,000-foot radius circle (72 acres) centered on the Activity Center, and is connected on one side to a WLPZ and expanded until the Core Area includes 100 acres. Limited timber operations are allowed within the Core Area polygon (see VIII. Timber Operations).

c. When an Activity Center is closer than 500 feet to the outside edge of the Nesting/Roosting polygon, the acres of non Nesting/Roosting habitat within 500 feet of the activity center are included, but should be augmented with additional Nesting/Roosting habitat elsewhere in the Core Area polygon to make a total of 100 acres of the highest quality habitat.

d. When the Activity Center is closer than 1,000 feet to, but not within 500 feet of the outside edge of the Nesting/Roosting polygon, the protected Core Area should extend to that most distant edge of the Nesting/Roosting habitat but shall not be less than a 500-foot radius.

e. Operations conducted outside the Core Area, but within 1,000 feet of an Activity Center should retain the functionality of any NSO habitat present pre-harvest within this area, i.e., operations do not downgrade habitat.

f. Polygons of Nesting/Roosting habitat contiguous with the Activity Center, which are larger than 100 acres provide the most operational flexibility. If the Nesting/Roosting polygon is 200 acres or greater, and operations in the polygon outside the Core Area have retained functional Nesting/Roosting habitat (i.e., no more than 33% of the basal area removed retaining a minimum of 100 sq.ft. of basal area per acre of trees greater than 11" DBH), then the 100-acre core area can be redrawn in subsequent entries. However, the 500-foot radius should remain unchanged, and the redrawn core are should not include any acres harvested within the previous 5 years.

g. Within the 0.7 mile radius (985 acres) of each Activity Center please use the following:
   1. Retain habitat to maximize attributes desirable for NSO.
   2. Retain at least 500 acres of suitable (Nesting/Roosting/Foraging) NSO habitat, post-harvest, as follows:
      a) Retain 200 acres of Nesting/Roosting Habitat within a 0.7mile radius of the Activity Center consisting of:
         i. 100 acres of the 200 acres of Nesting/Roosting habitat retained should be contiguous, or contiguous as possible with the Activity Center.
         ii. An additional 100 acres of Nesting/Roosting with in the 0.7 mile radius:
            1) If the second 100 acres of Nesting/Roosting habitat is also contiguous with the Activity Center, or within the same drainage, operations should retain a minimum of 66% of the pre-harvest basal area per acre of trees at least 11"DBH.
            2) If the remaining 100 acres of Nesting/Roosting habitat is not contiguous with the Activity Center, retain at least 100 acres of Nesting/Roosting habitat.
            3) Retain at least 300 acres of Suitable NSO habitat, post-harvest, of at least foraging quality.

3. Remove no more than 1/3 of the remaining suitable habitat in excess of 500 acres within 0.7 mile of an Activity Center during the life of the timber operations.

Road Use

a. To avoid take of NSO from noise disturbance (see U.S. Fish & Wildlife Service 2006) road use within 0.25 mile (1,320 feet) of a NSO Activity Center during the breeding season is prohibited until July 10, unless:
   1. Non-nesting, or nesting failure at the Activity Center has been determined by a Activity Center Search (2011 NSO Protocol) conducted on or after May 15, or:
   2. The Activity Center (AC) is within, 165 feet of major highway that typically has continuous traffic year around (HWY 1, 36, 101, 128, 299, etc.) and the appurtenant road is not within 165 feet of the AC.
   3. After July 9th until the end of the breeding season road use within the 100-acre core is restricted to existing road use, maintenance and map point work.

Pacific Fisher Mitigations

In any year the Pacific Fisher is a canidate or listed species pursuant to CESA, the following shall apply:

Definitions

- A potential den structure for the Coast Forest district is any hardwood with visible indicators of cavity formation (dead or alive) >18 inches dbh, conifer snag > 30 inches dbh, or a live green cull or green wildlife conifer > 30 inches dbh.
- A live cull is a conifer tree with less than 25% merchantable wood by volume.
- A green wildlife conifer is considered a potential den or resting structure when it has mistletoe brooms, large rest branches, and visible signs of fungus or other indications of cavity formation or visible cavity openings.
- During the Natal den period of March 1 to May 15
- Potential den trees will not be felled.
- During the Maternal den period of May 16- July 31
- Potential den trees to be felled for safety reasons will not be cut until the day after all other trees intended to be felled within a ten acre area (375' radius) have been felled. If a fisher has kits in a den tree within the area, this will allow her additional time to remove her young from the area.

Fisher sighting

If a fisher is sighted in a harvest unit during timber operations, all vegetation disrupting activities will be suspended within the area. If a den, resting area or other habitation of a Fisher is discovered, all operations (per PRC Section 4527) will additionally be suspended within a ¼ mile of a natal den or within 375 foot radius buffer around the maternal den or other habitation. The Department of Fish and Wildlife (CDFW) and Department of Forestry and Fire Protection (Cal Fire) will then be immediately notified.

CDFW Consultation

Contact CDFW if site–specific avoidance measures are needed that differ from above.
Amend CDFW consultation with Cal Fire, reflecting the protection agreed between the plan submitter and the CDFW.

Townsend's big-eared bat

Take Avoidance Measures:

1) **The critical period (breeding season) for the Townsend's big-eared bat shall be April 1 through October 1.**

2) **A stand search for potential COTO habitat shall be conducted prior to timber operations. All trees exhibiting COTO maternity roost habitat (basal hollows ranging from 1 – 5.9 ft wide and 2.6 – 14 ft high. Internally, the hollows range 1.3 – 8.4 ft wide and 5 – 15 ft high) shall be retained.**

3) **If a tree exhibiting COTO maternity roost habitat, with a basal hollow opening is located in the THP area or within 300' of the THP, no timber operations shall occur within 300 feet of the potential roost tree during the critical period.**

b. ☐ Yes ☒ No Are there any non-listed species which will be significantly impacted by the operation? If Yes, identify the species and the provisions to be taken for the protection of the species.

General Plant Protection Measures

1. Prior to Timber Operations, the THP area shall be surveyed for the presence of plant species identified in Section III – Addendum 32(b) by the RPF or the RPF's designee/botanist familiar with the plant species. The rare plant survey will be floristic in nature and conducted in a manner consistent with the Protocols For Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities (CDFG 2009).

If any of these species are detected during surveys in the plan area a default mitigation measure of avoidance shall be implemented by placing a 50-foot buffer around the sensitive plant occurrence until species-specific mitigation measures can be developed. If any of these species are detected after surveys and during operations, a default mitigation measure of avoidance shall be implemented by placing a 50-foot buffer around the sensitive plant occurrence until species-specific mitigation measures can be developed.

The results of the botanical survey will be submitted to CDFW at least 10 days prior to operations and amended into the plan prior to operations. Report will include a floristic list of plants within the project, rare plants located with mitigation and a transect map to show the survey route taken and location of rare plants.

2. List of Rare, Threatened, Endangered Species or Species of Special Concern with Suitable Habitat within the THP area.

Birds:	Fish:	Mammals:	Reptile: Northwestern Pond Turtle
Marbled Murrelet	Coastal Cutthroat Trout	Townsend Bat	
Northern Spotted Owl	Chinook Salmon	Red Tree Vole	
Northern Goshawk	Coho Salmon	Pacific Fisher	
Golden Eagle	Steelhead Trout	White Footed Vole	
Great Blue Heron		Humboldt Martin	
Sharp Shinned Hawk			
Coopers Hawk			
Yellow Breasted Chat		Amphibians:	
Sharp Shinned Hawk	Willow Flycatcher	Tailed Frog	
Vaux Swift	Osprey	Southern Torrent Salamander	
Yellow Warbler	Peregrine Falcon	Foothill Yellow Legged Frog	
Bald Eagle	Great Egret	Northern Red Legged Frog	

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Plants:

Humboldt County milk-vetch
Pacific gilia
Howell's montia
seacoast ragwort
white-flowered rein orchid
Oregon polemonium
Siskiyou checkerbloom

33. **SNAGS**

a. ☒ Yes ☐ No Are there any snags which must be felled for fire protection or safety reasons? If Yes, describe which snags are going to be felled and why.

All snags shall be retained, uncut, within the proposed THP area, except for those snags which the California Department of Forestry and Fire Protection determines to be a potential fire hazard, and those which pose a potential threat to human safety as required by the California Division of Occupational Safety and Health.

34. **LATE SUCCESSIONAL FOREST**

☐ Yes ☒ No Are any Late Successional Forest Stands proposed for harvest? If Yes, describe the measures to be implemented by the LTO that avoid long-term significant adverse effects on fish, wildlife and listed species known to be primarily associated with late succession forests.

35. **SPECIES WILDLIFE PROTECTION**

☐ Yes ☒ No Are any other provisions for wildlife protection required by the rules? If Yes, describe.

36. **ARCHAEOLOGICAL RESOURCE**

a. ☒ Yes ☐ No Has an archaeological survey been made of the THP area?

b. ☒ Yes ☐ No Has a current archaeological records check been conducted for the THP area?

c. ☐ Yes ☒ No Are there any archaeological or historical sites located in the THP area? Specific site locations and protection measures are contained in the Confidential Archaeological Addendum in Section VI of the THP, which is not available for general public review.

If a person discovers a potentially significant archaeological or historical site after this plan is accepted by the Director, the landowner shall conform to 14 CCR § 929.3 Post-Review Site Discovery.

(a) The person who made the discovery shall immediately notify the Director, LTO, RPF, or timberland owner of record.

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(b) The person first notified in (a) shall immediately notify the remaining parties in (a).

(c) No timber operations shall occur within 100 feet of the identified boundaries of the new site until the plan submitter proposes, and the Director agrees to, protection measures pursuant to 14 CCR § 929.2.

(d) A minor deviation shall be filed to the plan.

37. GROWTH AND YIELD INFORMATION

☐ Yes ☒ No Has any inventory or growth and yield information designated "trade secret" been submitted in a separate confidential envelope in Section VI of this THP?

38. SPECIAL INSTRUCTIONS: Describe any special instructions or constraints, which are not listed elsewhere in THP Section II.

1. **Flagging Code**
   - **THP Boundary - Pink flagging printed "Timber Harvest Boundary."**
   - **Class II WLPZ- Blue & White stripe flagging hung with Red flagging.**
   - **Class III ELZ- Blue flagging hung in centerline of channel.**
   - **Class IV ELZ- Blue flagging hung around the perimeter of the class IV ponds.**
   - **Skid Road- Yellow flagging printed "Skid Trail".**
   - **Truck Road- Orange flagging printed "Truck Road".**
   - **Historical Sites- Orange & White stripe "Special Treatment" flagging hung with Red flagging.**

California Water Quality Control Board Order R1-2014-0011: erosion control plans related to timber harvest activities, an Sediment Prevention Plan is attached at the end of Section V.

Conditions stated in Section V of the THP which pertain to NCRWQCB General Waste Discharge requirements will not be enforced by the Department unless those same conditions are subject to the Forest Practice Act/Rules and included as enforceable provisions in Section II of the THP.

All logging roads, including abandoned, deactivated, and appurtenant roads, landings, and associated drainage structures used for timber operations shall be monitored as needed to comply with 14CCR 1050. Monitoring inspections shall be conducted, when access is feasible during the prescribed maintenance period, a sufficient number of times during the extended wet weather period, particularly after large winter storm events and at least once annually, to evaluate the function of drainage facilities and structures (14CCR 923.7 (K)). Inspections shall include checking drainage facilities and structures for evidence of downcutting, plugging, overtopping, loss of function, and sediment delivery to Class I, II or III watercourses or lakes. If evidence of sediment delivery or potential sediment delivery is present, and the implementation of feasible corrective measures could reduce the potential for significant sediment discharge, such additional measures shall be implemented when feasible. Inspections conducted

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Northern Spotted Owl Survey Sheet

Visit 1 Date: 3/5/15 Location: Panther Gap Harvest Plan: Panther Gap THP Surveyor: Cameron Holmgren

Station #	Start Time	End Time	Response	Sex	Distance (ft)	Degrees	Precipitation	Wind	Notes
2	9:05pm	9:15pm	0				0	0	
1	9:24pm	9:34pm	0				0	1	
3	9:43pm	9:53pm	0				0	1	
4	10:00pm	10:10pm	0				0	1	

Response Index
0=No response
1=Four Note Call
2= Monkey Call
3=Whistle Call
4=Aggitation Call

Precipitation
0= None
1= Fog
2= Mist
3= Light Rain
4=Heavy Rain
5=Snow

Wind
0= Calm (0 mph, No wind)
1=Light Air (1-3 mph, light wind, can not feel wind on face)
2= Light Breeze (4-6mph, leaves rustle, can feel wind on face)
3= Gentle Breeze (7-10 mph, leaves and twigs in constant motion)
4= Moderate Breeze (11-16 mph, wind raises dust, small branches move)

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Northern Spotted Owl Survey Sheet

Visit 2 Date: 3/24/15 Location: Panther Gap Harvest Plan: Panther Gap THP Surveyor: Cameron Hedgren

Station #	Start Time	End Time	Response	Sex	Distance (ft)	Degrees	Precipitation	Wind	Notes
4	8:27pm	8:37pm	0				1	0	
3	8:41pm	8:51pm	0				1	1	
1	8:55pm	9:05pm	0				1	1	
2	9:20pm	9:30pm	0				1	0	

Response Index
0=No response
1=Four Note Call
2= Monkey Call
3=Whistle Call
4=Aggitation Call

Precipitation
0= None
1= Fog
2= Mist
3= Light Rain
4=Heavy Rain
5=Snow

Wind
0= Calm (0 mph, No wind)
1=Light Air (1-3 mph, light wind, can not feel wind on face)
2= Light Breeze (4-6mph, leaves rustle, can feel wind on face)
3= Gentle Breeze (7-10 mph, leaves and twigs in constant motion)
4= Moderate Breeze (11-16 mph, wind raises dust, small branches move)

Northern Spotted Owl Survey Sheet

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Visit 3 Date: 4/02/15 Location: Panther Gap Harvest Plan: Panther Gap THP Surveyor: Cameron Holzgren

Station #	Start Time	End Time	Response	Sex	Distance (ft)	Degrees	Precipitation	Wind	Notes
3	5:24am	5:34am	0				0	3	
1	5:38am	5:48am	0				0	3	
2	6:01am	6:11am	0				0	2	
4	6:27am	6:37am	0				0	2	

Response Index
0=No response
1=Four Note Call
2= Monkey Call
3=Whistle Call
4=Aggitation Call

Precipitation
0= None
1= Fog
2= Mist
3= Light Rain
4=Heavy Rain
5=Snow

Wind
0= Calm (0 mph, No wind)
1=Light Air (1-3 mph, light wind, can not feel wind on face)
2= Light Breeze (4-6mph, leaves rustle, can feel wind on face)
3= Gentle Breeze (7-10 mph, leaves and twigs in constant motion)
4= Moderate Breeze (11-16 mph, wind raises dust, small branches move)

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Northern Spotted Owl Survey Sheet

Visit 1 Date: 4/25/13 Location: Panther Gap Harvest Plan: McKinnon Property Surveyor: Cameron Holzer

Station #	Start Time	End Time	Response	Sex	Distance (ft)	Degrees	Precipitation	Wind	Notes
1	7:36pm	7:46pm	0				0	0	
2	8:07pm	8:17pm	0				0	0	
3	8:36pm	8:46pm	0				0	0	

Response Index
0=No response
1=Four Note Call
2= Monkey Call
3=Whistle Call
4=Agitation Call

Precipitation
0= None
1= Fog
2= Mist
3= Light Rain
4=Heavy Rain
5=Snow

Wind
0= Calm (0 mph, No wind)
1=Light Air (1-3 mph, light wind, can not feel wind on face)
2= Light Breeze (4-6mph, leaves rustle, can feel wind on face)
3= Gentle Breeze (7-10 mph, leaves and twigs in constant motion)
4= Moderate Breeze (11-16 mph, wind raises dust, small branches move)

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PART OF PLAN

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PART OF PLAN

Northern Spotted Owl Survey Sheet

Hohman and Associates
FORESTRY CONSULTANTS
P.O. Box 733, Hydesville CA 95547
Phone/Fax (707) 768-[illegible]3

RECEIVED
APR 27 2015
COAST AREA OFFICE
RESOURCE MANAGEMENT

Visit 2 Date: 5/5/13 Location: Panther Gap Harvest Plan: McLennan Property Surveyor: Carson Holman

Station #	Start Time	End Time	Response	Sex	Distance (ft)	Degrees	Precipitation	Wind	Notes
2	7:51pm	8:01pm	0				3	2	
1	8:09pm	8:19pm	0				2	1	
3	8:30pm	8:40pm	0				0	1	

Response Index
0=No response
1=Four Note Call
2= Monkey Call
3=Whistle Call
4=Aggitation Call

Precipitation
0= None
1= Fog
2= Mist
3= Light Rain
4=Heavy Rain
5=Snow

Wind
0= Calm (0 mph, No wind)
1=Light Air (1-3 mph, light wind, can not feel wind on face)
2= Light Breeze (4-6mph, leaves rustle, can feel wind on face)
3= Gentle Breeze (7-10 mph, leaves and twigs in constant motion)
4= Moderate Breeze (11-16 mph, wind raises dust, small branches move)

119.2

THP 1-15-035 Hum

Hohman and Associates
FORESTRY CONSULTANTS
P.O. Box 733, Hydesville CA 95547
Phone/Fax (707) 768-3743

Northern Spotted Owl Survey Sheet

Visit 3 Date: 5/15/13 Location: Panther Gap Harvest Plan: McLennan Property Surveyor: Cameron Hohman

Station #	Start Time	End Time	Response	Sex	Distance (ft)	Degrees	Precipitation	Wind	Notes
2	8:01pm	8:11pm	0				0	2	
1	8:24pm	8:34pm	0				0	3	
3	8:40pm	8:50pm	0				0	3	

Response Index
0=No response
1=Four Note Call
2= Monkey Call
3=Whistle Call
4=Aggitation Call

Precipitation
0= None
1= Fog
2= Mist
3= Light Rain
4=Heavy Rain
5=Snow

Wind
0= Calm (0 mph, No wind)
1=Light Air (1-3 mph, light wind, can not feel wind on face)
2= Light Breeze (4-6mph, leaves rustle, can feel wind on face)
3= Gentle Breeze (7-10 mph, leaves and twigs in constant motion)
4= Moderate Breeze (11-16 mph, wind raises dust, small branches move)

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RESOURCE MANAGEMENT

119.3

PART OF PLAN

Hohman and Associates
FORESTRY CONSULTANTS
P.O. Box 733, Hydesville CA 95547
Phone/Fax (707) 768-3743

Northern Spotted Owl Survey Sheet

Visit 4 Date: 5/29/13 Location: Panther Gap Harvest Plan: McLennan Property Surveyor: Cameron Holmgren

Station #	Start Time	End Time	Response	Sex	Distance (ft)	Degrees	Precipitation	Wind	Notes
3	11:15am	11:26am	0				1	1	
1	11:31am	11:41am	0				1	2	
2	11:52am	12:02pm	0				1	1	

Response Index
0=No response
1=Four Note Call
2= Monkey Call
3=Whistle Call
4=Aggitation Call

Precipitation
0= None
1= Fog
2= Mist
3= Light Rain
4=Heavy Rain
5=Snow

Wind
0= Calm (0 mph, No wind)
1=Light Air (1-3 mph, light wind, can not feel wind on face)
2= Light Breeze (4-6mph, leaves rustle, can feel wind on face)
3= Gentle Breeze (7-10 mph, leaves and twigs in constant motion)
4= Moderate Breeze (11-16 mph, wind raises dust, small branches move)

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119.4

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THP 1-15-035 Hum

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Northern Spotted Owl Survey Sheet

Hohman and Associates
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P.O. Box 733, Hydesville CA 95547
Phone/Fax (707) 768-3743

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RESOURCE MANAGEMENT

119.5

Visit 5 Date: 6/10/13 Location: Panther Gap Harvest Plan: McLennan Property Surveyor: Cameron Holzer

Station #	Start Time	End Time	Response	Sex	Distance (ft)	Degrees	Precipitation	Wind	Notes
2	8:39pm	8:44pm	0				1	2	
3	9:04pm	9:14pm	0				1	2	
1	9:23pm	9:33pm	0				1	3	

Response Index
0=No response
1=Four Note Call
2= Monkey Call
3=Whistle Call
4=Aggitation Call

Precipitation
0= None
1= Fog
2= Mist
3= Light Rain
4=Heavy Rain
5=Snow

Wind
0= Calm (0 mph, No wind)
1=Light Air (1-3 mph, light wind, can not feel wind on face)
2= Light Breeze (4-6mph, leaves rustle, can feel wind on face)
3= Gentle Breeze (7-10 mph, leaves and twigs in constant motion)
4= Moderate Breeze (11-16 mph, wind raises dust, small branches move)

THP 1-15-035 Hum

Revised 4/22/15

PART OF PLAN

Northern Spotted Owl Survey Sheet

Hohman and Associates
FORESTRY CONSULTANTS
P.O. Box 733, Hydesville CA 95547
Phone/Fax (707) 768-37

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COAST AREA OFFICE
RESOURCE MANAGEMENT

119.6

Visit #6 Date: 6/30/13 Location: Panther Gap Harvest Plan: McKinnon Property Surveyor: Cameron Hohman

Station #	Start Time	End Time	Response	Sex	Distance (ft)	Degrees	Precipitation	Wind	Notes
1	8:38	8:48	0				0	1	
2	9:12	9:22	0				0	0	
3	9:44	9:54	0				0	1	

Response Index
0=No response
1=Four Note Call
2= Monkey Call
3=Whistle Call
4=Aggitation Call

Precipitation
0= None
1= Fog
2= Mist
3= Light Rain
4=Heavy Rain
5=Snow

Wind
0= Calm (0 mph, No wind)
1=Light Air (1-3 mph, light wind, can not feel wind on face)
2= Light Breeze (4-6mph, leaves rustle, can feel wind on face)
3= Gentle Breeze (7-10 mph, leaves and twigs in constant motion)
4= Moderate Breeze (11-16 mph, wind raises dust, small branches move)

THP 1-15-035 Hum

Revised 4/22/15

PART OF PLAN

Northern Spotted Owl Survey Sheet

Hohman and Associates
FORESTRY CONSULTANTS
P.O. Box 733, Hydesville CA 95547
Phone/Fax (707) 768-37[illegible]

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RESOURCE MANAGEMENT

119.7

Visit 1 Date: 3/14/14 Location: Panther Gap Harvest Plan: Mclemen Property Surveyor: Cameron Holgren / Justin Lang

Station #	Start Time	End Time	Response	Sex	Distance (ft)	Degrees	Precipitation	Wind	Notes
3	10:10am	10:25am	0				0	1	
1	10:35am	10:45am	0				0	1	
2	11:00am	12:00pm	0				0	1	Daytime Stand search
4	12:12pm	12:22pm	0				0	1	of the property around
									station 2. Hooted at 3 spots
									for 10 minutes each. I saw
									a red tail hawk circle
									200' south of station 2

Response Index
0=No response
1=Four Note Call
2= Monkey Call
3=Whistle Call
4=Aggitation Call

Precipitation
0= None
1= Fog
2= Mist
3= Light Rain
4=Heavy Rain
5=Snow

Wind
0= Calm (0 mph, No wind)
1=Light Air (1-3 mph, light wind, can not feel wind on face)
2= Light Breeze (4-6mph, leaves rustle, can feel wind on face)
3= Gentle Breeze (7-10 mph, leaves and twigs in constant motion)
4= Moderate Breeze (11-16 mph, wind raises dust, small branches move)

THP 1-15-035 Hum

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RESOURCE MANAGEME

Hohman and Associates
FORESTRY CONSULTANTS
P.O. Box 733, Hydesville CA 95547
Phone/Fax (707) 768-3743

Northern Spotted Owl Survey Sheet

Visit 2 Date: 3-25-14 Location: Panther Gap Harvest Plan: McKenzie Property Surveyor: Justin Lang

Station #	Start Time	End Time	Response	Sex	Distance (ft)	Degrees	Precipitation	Wind	Notes
2	7:54	8:04	0				3	0	
1	8:24	8:39	0				3	0	
3	8:49	9:00	0				3	1	
4	9:10	9:00	0				3	1	

Response Index
0=No response
1=Four Note Call
2= Monkey Call
3=Whistle Call
4=Aggitation Call

Precipitation
0= None
1= Fog
2= Mist
3= Light Rain
4=Heavy Rain
5=Snow

Wind
0= Calm (0 mph, No wind)
1=Light Air (1-3 mph, light wind, can not feel wind on face)
2= Light Breeze (4-6mph, leaves rustle, can feel wind on face)
3= Gentle Breeze (7-10 mph, leaves and twigs in constant motion)
4= Moderate Breeze (11-16 mph, wind raises dust, small branches move)

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119.8

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THP 1-15-035 Hum

Revised 4/22/15

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Northern Spotted Owl Survey Sheet

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COAST AREA OFFICE
RESOURCE MANAGEMENT

Hohman and Associates
FORESTRY CONSULTANTS
P.O. Box 733, Hydesville CA 95547
Phone/Fax (707) 768-3743

Visit 3 Date: 4-9-14 Location: Panther Gap Harvest Plan: Mclennan Property Surveyor: Justin Lang

Station #	Start Time	End Time	Response	Sex	Distance (ft)	Degrees	Precipitation	Wind	Notes
2	8:00	8:10	0				0	1	
1	8:30	8:40	0				0	1	
3	8:52	9:02	0				0	1	
4	9:12	9:22	0				0	1	

Response Index
0=No response
1=Four Note Call
2= Monkey Call
3=Whistle Call
4=Aggitation Call

Precipitation
0= None
1= Fog
2= Mist
3= Light Rain
4=Heavy Rain
5=Snow

Wind
0= Calm (0 mph, No wind)
1=Light Air (1-3 mph, light wind, can not feel wind on face)
2= Light Breeze (4-6mph, leaves rustle, can feel wind on face)
3= Gentle Breeze (7-10 mph, leaves and twigs in constant motion)
4= Moderate Breeze (11-16 mph, wind raises dust, small branches move)

9.611

THP 1-15-035 Hum

Revised 4/22/15

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THP 1-15-035 Hum

Northern Spotted Owl Survey Sheet

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COAST AREA OFFICE
RESOURCE MANAGEMENT

Hohman and Associates
FORESTRY CONSULTANTS
P.O. Box 733, Hydesville CA 95547
Phone/Fax (707) 768-3743

Visit 4 Date: 5/20/14 Location: Panther Gap Harvest Plan: McLeman Property Surveyor: Carson Holzer

Station #	Start Time	End Time	Response	Sex	Distance (ft)	Degrees	Precipitation	Wind	Notes
1	9:07am	9:17am	0				1	1	
2	9:30am	9:40am	0				1	1	
3	9:52am	10:02am	0				1	1	
4	10:10am	10:20am	0				1	1	

119.20

Response Index
0=No response
1=Four Note Call
2= Monkey Call
3=Whistle Call
4=Aggitation Call

Precipitation
0= None
1= Fog
2= Mist
3= Light Rain
4=Heavy Rain
5=Snow

Wind
0= Calm (0 mph, No wind)
1=Light Air (1-3 mph, light wind, can not feel wind on face)
2= Light Breeze (4-6mph, leaves rustle, can feel wind on face)
3= Gentle Breeze (7-10 mph, leaves and twigs in constant motion)
4= Moderate Breeze (11-16 mph, wind raises dust, small branches move)

Revised 4/22/15

PART OF PLAN

Northern Spotted Owl Survey Sheet

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APR 27 2015
COAST AREA OFFICE
RESOURCE MANAGEMEN

Hohman and Associates
FORESTRY CONSULTANTS
P.O. Box 733, Hydesville CA 95547
Phone/Fax (707) 768-3743

Visit 5 Date: 5/29/14 Location: Panther Gap Harvest Plan: Mclennan Property Surveyor: Cameron Hohman

Station #	Start Time	End Time	Response	Sex	Distance (ft)	Degrees	Precipitation	Wind	Notes
2	8:50pm	9:00pm	0				0	2	
1	9:14pm	9:24pm	0				0	2	
3	9:30pm	9:40pm	0				0	2	
4	9:44pm	9:54pm	0				0	2	

Response Index
0=No response
1=Four Note Call
2= Monkey Call
3=Whistle Call
4=Aggitation Call

Precipitation
0= None
1= Fog
2= Mist
3= Light Rain
4=Heavy Rain
5=Snow

Wind
0= Calm (0 mph, No wind)
1=Light Air (1-3 mph, light wind, can not feel wind on face)
2= Light Breeze (4-6mph, leaves rustle, can feel wind on face)
3= Gentle Breeze (7-10 mph, leaves and twigs in constant motion)
4= Moderate Breeze (11-16 mph, wind raises dust, small branches move)

119.21

THP 1-15-035 Hum

Revised 4/22/15

PART OF PLAN

Northern Spotted Owl Survey Sheet

RECEIVED
APR 27 2015
COAST AREA OFFICE
RESOURCE MANAGEMENT

Hohman and Associates
FORESTRY CONSULTANTS
P.O. Box 733, Hydesville CA 95547
Phone/Fax (707) 768-3743

Visit 6 Date: 6/26/14 Location: Panther Gap Harvest Plan: McKinnon Property Surveyor: Carson Hohman

Station #	Start Time	End Time	Response	Sex	Distance (ft)	Degrees	Precipitation	Wind	Notes
4	9:20am	9:30am	0				0	1	
1	9:39am	9:49am	0				0	2	
3	10:02am	10:12	0				0	2	
2	10:24am	10:34am	0				0	2	

Response Index
0=No response
1=Four Note Call
2= Monkey Call
3=Whistle Call
4=Aggitation Call

Precipitation
0= None
1= Fog
2= Mist
3= Light Rain
4=Heavy Rain
5=Snow

Wind
0= Calm (0 mph, No wind)
1=Light Air (1-3 mph, light wind, can not feel wind on face)
2= Light Breeze (4-6mph, leaves rustle, can feel wind on face)
3= Gentle Breeze (7-10 mph, leaves and twigs in constant motion)
4= Moderate Breeze (11-16 mph, wind raises dust, small branches move)

119.22

THP 1-16-036 Hum

1000' Domestic Water Supply Contact List

Robert Anderson
P.O. Box 42
Weott, CA 5571-0042

Patricia Patrick
P.O. Box 8
Redcrest, CA 95569

Gabrielle Roach
P.O. Box 14
Redcrest, CA 95569-0014

Kimberly & Debra Taylor
P.O. Box 4434
Blue Jay, CA 92317-4434

Gueorgui Mandelov
3398 The Alameda
Concord, CA 94519

Audel & Lynne Davis
2117 Rooosevelt
Berkeley, CA 94703

Jerry Klima
25 NW 23RD PL #6
Portland, OR 97210

Humboldt Redwoods State Park
P.O. Box 100
Weott, CA 95571

Hohman & Associates
FORESTRY CONSULTANTS
P.O. Box 723, Hydesville, CA 95547 . (707) 768-3743 . (707) 768-3747 fax

March 9, 2015

COPY

Robert Anderson
P.O. Box 42
Weott, CA 5571-0042

Second Notice

Dear Downstream Landowner:

As a Registered Professional Forester preparing a timber harvest plan (THP) for Richard & Linda McLennan, I am required by the California Forest Practice Rules to request that you advise me of any surface domestic water supply intakes located on your property within 1000 feet of the proposed THP boundary.

The proposed THP is located in Humboldt County, approximately 4.2 air miles northeast of the community of Honeydew, CA. The proposed THP is located in portions of Section 26, T2S, R1E, HB&M, Humboldt County. The THP area contains un-named tributaries that drain to Dry Creek and Middle Creek which are tributary to the Mattole River. The THP is located on the Bull Creek 7.5' USGS Quadrangle. Please see attached map for actual project boundaries.

The regulations require that you be provided 10 days from the receipt of this letter to respond. If you have previously responded, there is no need to respond again. Please mail your response, if any to the above address on the letterhead.

Sincerely,

Stephen Hohman, RPF #2652
Hohman & Associates

Hohman and Associates
FORESTRY CONSULTANTS
P.O. Box 733, Hydesville CA 95547
Phone (707) 768-3743 Fax (707) 768-3747
shohman@hohmanandassociates.com

COPY

December 8, 2014

Patricia Patrick
P.O. Box 8
Redcrest, CA 95569

Dear Downstream Landowner:

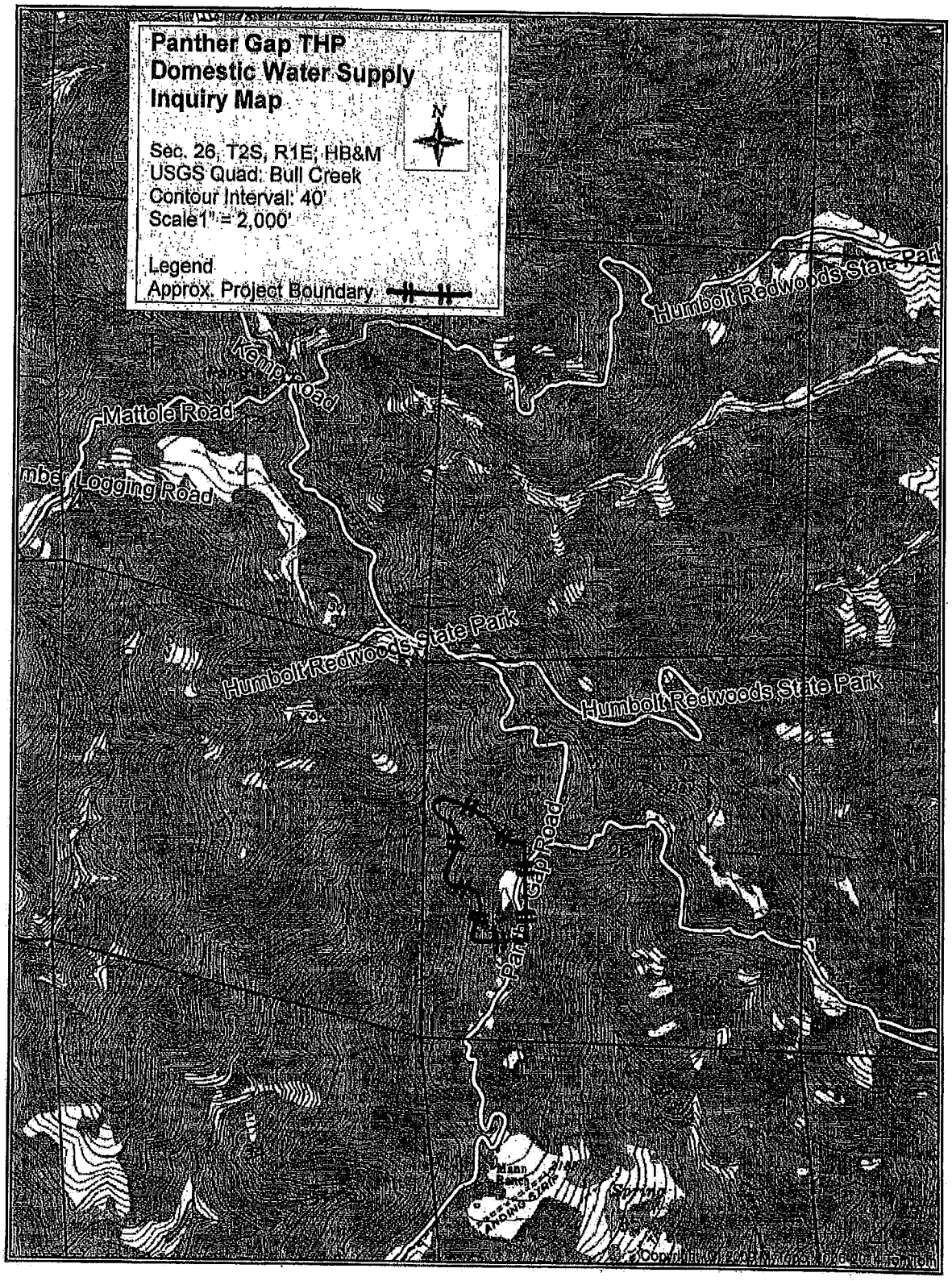
As a Registered Professional Forester preparing a timber harvest plan (THP) for Richard & Linda Mclennan, I am required by the California Forest Practice Rules to request that you advise me of any surface domestic water supply intakes located on your property within 1000 feet of the proposed THP boundary.

The proposed THP is located in Humboldt County, approximately 4.2 air miles northeast of the community of Honeydew, CA. The proposed THP is located in portions of Section 26, T2S, R1E, HB&M, Humboldt County. The THP area contains un-named tributaries that drain to Dry Creek which is a tributary to the Mattole River. The THP is located on the Bull Creek 7.5' USGS Quadrangle. Please see attached map for actual project boundaries.

The regulations require that you be provided 10 days from the receipt of this letter to respond. If you have previously responded, there is no need to respond again. Please mail your response, if any to the above address on the letterhead.

Sincerely,

Stephen Hohman, RPF #2652
Hohman & Associates



SCALE 1:24000

0 1000 2000 3000 4000 5000 6000

FEET

The Times-Standard

PO Box 3580
Eureka, CA 95502
707-441-0571
legals@times-standard.com

STEPHAN HOHMAN - LEGAL - TSL
PO BOX 733
HYDESVILLE CA 95547

PROOF OF PUBLICATION
(2015.5 C.C.P.)

STATE OF CALIFORNIA
County of Humboldt

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above-mentioned matter. I am the principal clerk of the printer of THE TIMES-STANDARD, a newspaper of general circulation, printed and published daily in the City of Eureka, County of Humboldt, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Humboldt, State of California, under the date of June 15, 1967, Consolidated Case Numbers 27009 and 27010; that the notice, of which the annexed is a printed copy (set in type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit,

3/11/2015

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Dated at Eureka, California,
This 10th day of March, 2015

Signature

This space is for the County Clerk's Filing Stamp

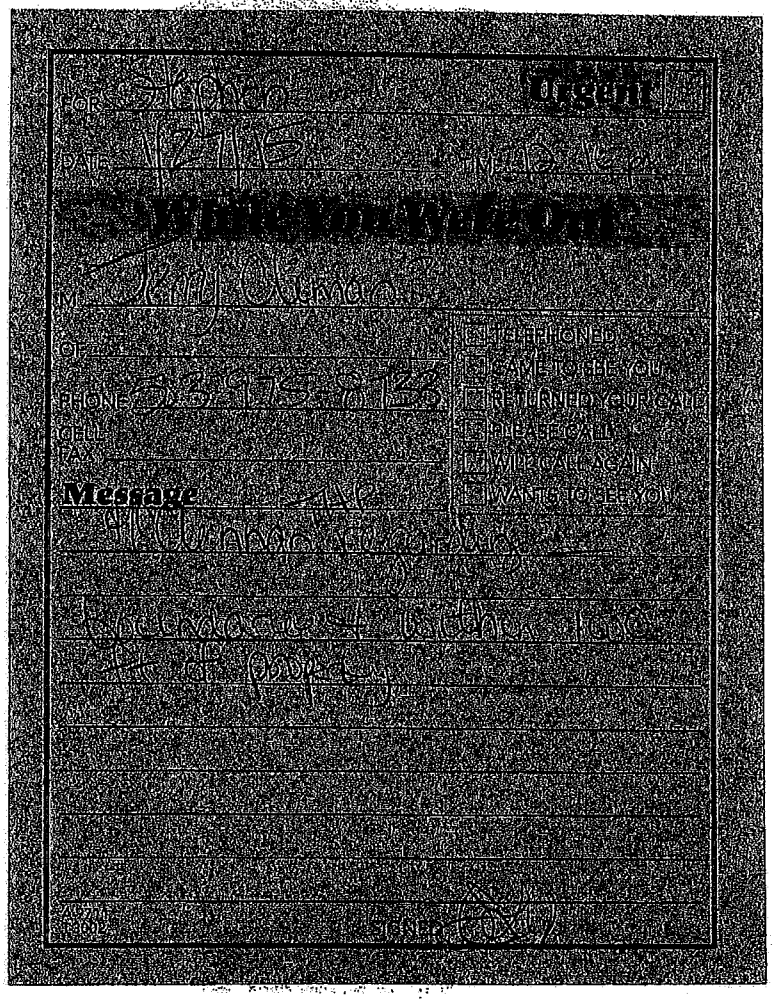
Legal No. **0005431432**

PUBLIC NOTICE

A Timber Harvest Plan (THP) is being prepared in Humboldt County, approximately 4.2 air miles northeast of Honeydew, CA. The proposed THP is located in portions of Sections 26, T2S, R1E; HB&M. This THP area contains un-named tributaries that drain to Dry Creek and Middle Creek which are tributary to the Mattole River. The THP is located on the Bull Creek 7.5' USGS Quadrangle. If you are aware of a domestic water supply that comes directly from the described watercourses within 1,000 feet downstream of the named harvest location, please contact Stephen Hohman within 10 days of the publication of this notice at:

Hohman & Associates
P.O. Box 733
Hydesville, CA 95547
3/11/2015

Jerome Klima — see letter Attached.


FOR Jerome Urgent
DATE 1/27/15
While You Were Out
M Karl Osmond
OF
PHONE 303-775-0130
CELL
FAX
Message
☐ PLEASE PHONE
☐ CAME TO SEE YOU
☐ RETURNED YOUR CALL
☐ PLEASE CALL
☐ WILL CALL AGAIN
☐ WANTS TO SEE YOU
SIGNED

Tried calling 1-27-15 4:47pm
- mail box full. no message left.

Phone called 1-29-15 12:24pm
Stated he will send letter to us.
He drinks from the creek that
enters the western portion of
the property. I explained we would
not operate in the creek zone. SH

JEROME R KLIMA JR
25 NW 23rd Place, Suite 6 PMB 367
Portland, OR 97210
Phone: 503-916-1754 Fax: 503-916-1776
Email: jkjrenterprises@yahoo.com

1/30/15

Stephen Hohman, RPF #2652
Hohman & Associates
PO Box 733
Hydesville, CA 95547

Dear Stephen,

In reference to our recent telephone conversation and your notification to me of the pending THP for Richard and Linda McLeunan. I want to make you aware that we may potentially want to take domestic water supply from the tributary of Dry Creek within 1000 feet of the proposed THP.

Sincerely,

Jerome R Klima Jr.

March 17, 2015,

Hohman and Associates.
P.O. Box 723 Hydesville CA.

Dear Mr. Hohman,

In response to your letter of March 9, 2015, At the present time we are not utilizing any water sources located on our Humboldt County property. I hope this answer will satisfy your needs.

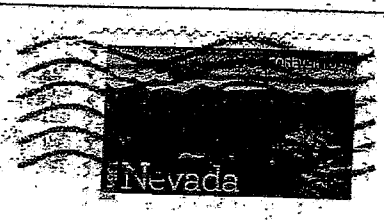
Sincerly,

Ardel G. Davis

* I did not respond back.
March 24, 2015 SH

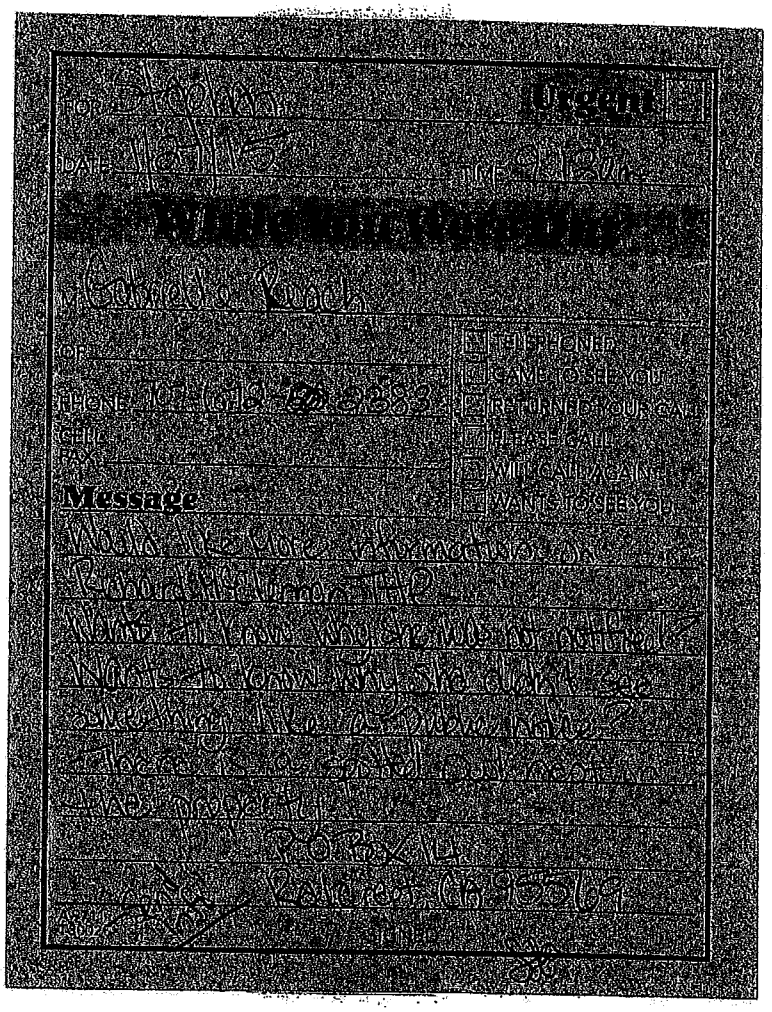
A. G. Davis
2117 Roosevelt Ave.
Berkeley, CA 94703

OAKLAND CA 945
18 MAR 2015 PM 6 L



Hohman and Associates
P.O. Box 753, Hydesville
CA 95547

Gabriella Roach


Urgent
Gabriella Roach
Message

Phoned 1/29/15 - 9:30 am concerned about logging. Has a deeded easment to draft water from a watercourse on her property. I explained the protection measures and stated no ops within the watercourses. We did mail her 2 sets of letters. Her water supply will not be affected by operations. No spotted owl near to her property. SH

See letter Attached

Patricia Patrick

I phoned 12-19-14 with
some answers to questions below.
She phone 12-20-14. We discussed
project & leaving the watercourses
out of the project. Still unsettled
and called the Mattole Watershed
Council. One week later the
council called and asked about
the project. After learning it was a
selection plan, they had no further
input. EH

December 12 2014

Ms. Patricia E. Patrick
P.O. Box 8
Redcrest, CA 95569-0008

Stephen Hohman RPF
Hohman and Associates
PO Box 733
Hydesville CA 95547

Dear Mr. Hohman,

Thank you for your letter of December 8 concerning the surface domestic water supply intake located on my property and within 1000 feet of the proposed THP boundary (McLennan; Panther Gap.)

On the enclosed map, point A indicates the location of this tributary to Dry Creek with a thick blue line. The flow begins about 300 feet in distance and 100 feet in elevation above my residence on AP 107-232-007. This tributary is year-round and productive.

Point B indicates a tributary you are already aware of, as it begins on the McLennan parcel. It too is year-round and productive. Its accessibility to my residence adds value to my property, especially in times of drought.

Is the proposed THP intended to be a clearcut? Will the presence of these tributaries modify or influence the actions of the logging operation in any way? Is there any provision for cases of reduced flow following the timber operation? If you are able to respond to these questions, feel free to leave a message on my voice mail (707 367 4847 – my phone does not work at home) if this is more convenient than a letter.

Best regards,

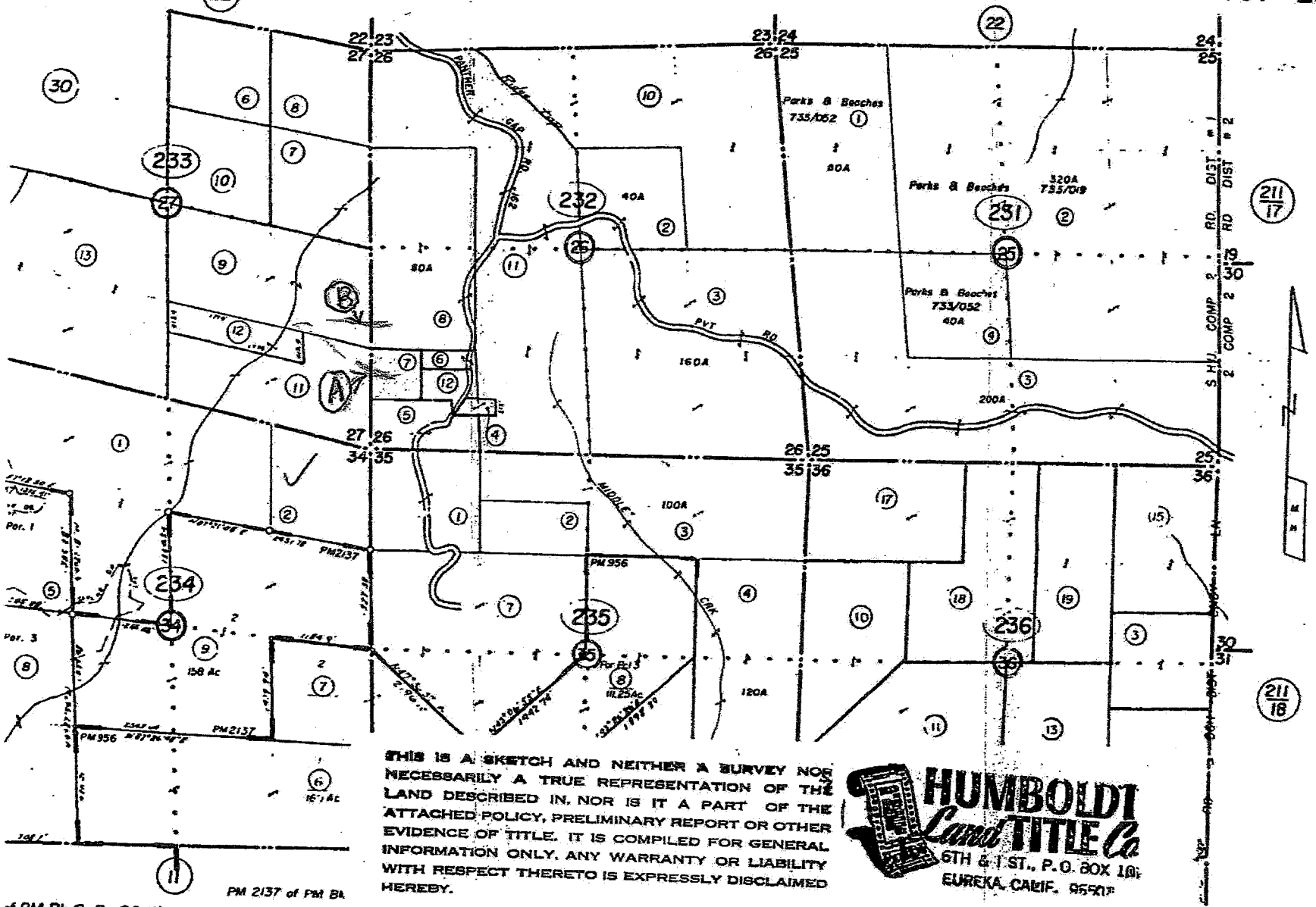
Patricia E Patrick

Ms Patricia E Patrick
P.O Box 8
Redcrest CA 95569-0008
Humane Society Legislative Fund

1.800.527.9663

SECS 25, 26, 27, 34, 35 & 36, 2S 1E

107-23



THIS IS A SKETCH AND NEITHER A SURVEY NOR NECESSARILY A TRUE REPRESENTATION OF THE LAND DESCRIBED IN, NOR IS IT A PART OF THE ATTACHED POLICY, PRELIMINARY REPORT OR OTHER EVIDENCE OF TITLE. IT IS COMPILED FOR GENERAL INFORMATION ONLY. ANY WARRANTY OR LIABILITY WITH RESPECT THERETO IS EXPRESSLY DISCLAIMED HEREBY.

HUMBOLDT Land TITLE Co
6TH & I ST., P.O. BOX 10
EUREKA, CALIF. 95501

Section V

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Panther Gap THP

Panther Gap THP
Sediment Prevention Plan

This document addresses the requirements of the California Regional Water Quality Control Board, North Coast Region Order No. R1-2009-0038 a Categorical Waiver of Waste Discharge Requirements related to timber harvest activities on Non-Federal lands in the North Coast.

Areas within this THP where potential for impacts to water quality exist are addressed in the following paragraphs along with measures to be taken in order to prevent and/or minimize the potential for negative impacts. The majority of the previous logging was done within the 1960's. There are no culvert installations or temporary crossings proposed within the THP. Some new road construction and reconstruction of existing roads & landings shall occur. A dozer will be used for the construction of the roads.

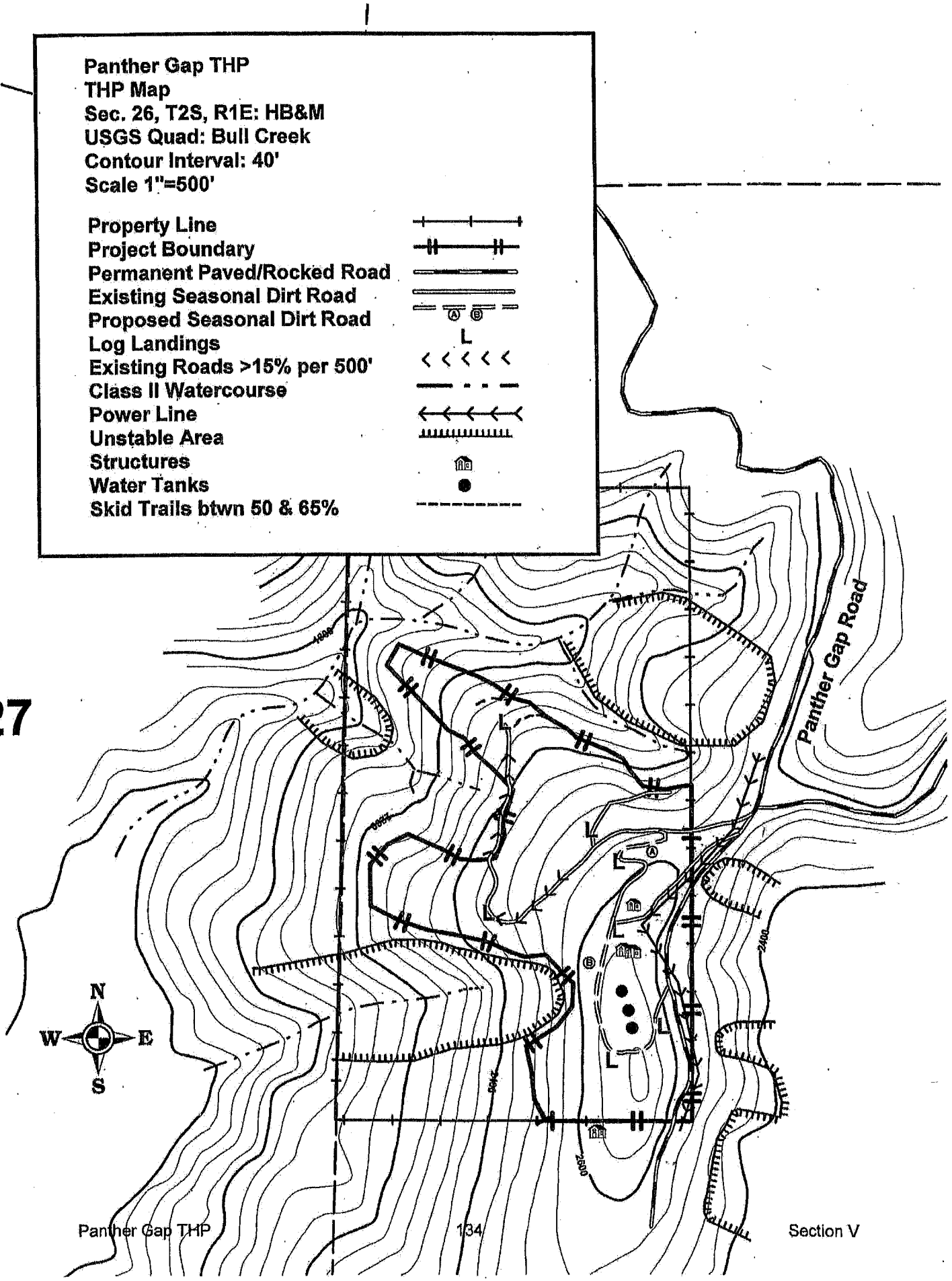
Point 1: Proposed seasonal dirt road construction for 300'. Follow cut and fill construction with rolling dips developed as per waterbreak table on page 10 to drain the prism.

Point 2: Proposed seasonal dirt road construction for 800'. Follow cut and fill construction with rolling dips developed as per waterbreak table on page 10 to drain the prism.

Note: Two skid trails are flagged and mapped on the THP Map. The skid trails are on Slopes between 50% and 65% with moderate EHR where heavy equipment use will be restricted to the limits described in 14 CCR 914.2(f)(2)(i) or (ii)

Map attached:

Panther Gap THP Map


Panther Gap THP
THP Map
Sec. 26, T2S, R1E: HB&M
USGS Quad: Bull Creek
Contour Interval: 40'
Scale 1"=500'
Property Line
Project Boundary
Permanent Paved/Rocked Road
Existing Seasonal Dirt Road
Proposed Seasonal Dirt Road
Log Landings
Existing Roads >15% per 500'
Class II Watercourse
Power Line
Unstable Area
Structures
Water Tanks
Skid Trails btwn 50 & 65%
27
Panther Gap Road
N
W
E
S
2400
2600

NOTE

"Information concerning archaeological sites has been removed from **THP 1-15-035 HUM** pursuant to California Government Code Section 6254.10 which exempts cultural resources site location information from the California Public Records Act and provides authority for widespread state policy (not just within the California Department of Forestry and Fire Protection) to keep archaeological site location information confidential. This exemption to the Public Records Act recognizes that providing site location information to the general public may put such sites at risk from artifact hunting, excavations and/or vandalism."

Copies of the information have been sent to the following locations to facilitate review of the project:

1. CAL FIRE field unit – Fortuna

2. Reviewing Archeologist, Santa Rosa (Region Office)

The original copy of this material is maintained in a confidential file at CAL FIRE's Northern Region Headquarters, 135 Ridgway Avenue, Santa Rosa, CA 95401.