



COUNTY OF MENDOCINO
DEPARTMENT OF PLANNING AND BUILDING SERVICES

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August 25, 2020

Planning – Ukiah
 Department of Transportation
 Environmental Health - Fort Bragg
 Farm Advisor
 Agriculture Commissioner

Forestry Advisor
 Air Quality Management
 Archaeological Commission
 CalFire – Resource Management
 Department of Fish and Wildlife

California Coastal Commission
 Fort Bragg Rural Fire District
 Cloverdale Rancheria
 Redwood Valley Rancheria
 Sherwood Valley Band of Pomo Indians

CASE#: CDP_2020-0002

DATE FILED: 1/16/2020

OWNER: LYME REDWOOD TIMBERLANDS LLC

APPLICANT/AGENT: NICOLE REESE, PACIFIC GAS AND ELECTRIC

REQUEST: Standard Coastal Development Permit request to remove 19 trees along an existing PG&E distribution line.

LOCATION: In the Coastal Zone, 7± miles north of the City of Fort Bragg, on the north side of Camp 2 Ten Mile Road, 1.8± miles east of its intersection with State Route 1 (SR 1), north of South Fork Ten Mile River and within the PG&E easement, located at 31000 Camp 1 Ten Mile Road, Fort Bragg (APN 069-080-03).

ENVIRONMENTAL DETERMINATION: Negative Declaration

SUPERVISORIAL DISTRICT: 4

STAFF PLANNER: JULIANA CHERRY

RESPONSE DUE DATE: September 8, 2020

PROJECT INFORMATION CAN BE FOUND AT:

<https://www.mendocinocounty.org/government/planning-building-services/public-agency-referrals>

Mendocino County Planning & Building Services is soliciting your input, which will be used in staff analysis and forwarded to the appropriate public hearing. You are invited to comment on any aspect of the proposed project(s). Please convey any requirements or conditions your agency requires for project compliance to the project coordinator at the above address, or submit your comments by email to pbs@mendocinocounty.org. Please note the case number and name of the project coordinator with all correspondence to this department.

We have reviewed the above application and recommend the following (please check one):

- No comment at this time.
- Recommend conditional approval (attached).
- Applicant to submit additional information (attach items needed, or contact the applicant directly, copying Planning and Building Services in any correspondence you may have with the applicant)
- Recommend denial (Attach reasons for recommending denial).
- Recommend preparation of an Environmental Impact Report (attach reasons why an EIR should be required).
- Other comments (attach as necessary).

REVIEWED BY:

Signature _____ Department _____ Date _____

CASE: CDP_2020-0002

OWNER: LYME REDWOOD TIMBERLANDS LLC

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AGENT: NICOLE REESE, PACIFIC GAS AND ELECTRIC

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APN/S: 069-080-03-00

PARCEL SIZE: 275 Acres

GENERAL PLAN: Coastal Element Chapter 4.2, Forest Lands (FL160:*)

ZONING: Mendocino Coastal Zoning Code, Timber Production (TP:160)

EXISTING USES: Utility

DISTRICT: 4th (Gjerde)

RELATED CASES:

	<u>ADJACENT GENERAL PLAN</u>	<u>ADJACENT ZONING</u>	<u>ADJACENT LOT SIZES</u>	<u>ADJACENT USES</u>
NORTH:	FOREST LANDS	TP	122.9 ACRES	TREE CROPS
EAST:	FOREST LANDS	TP	180 ACRES	TREE CROPS
SOUTH:	FOREST LANDS	TP	64 ACRES	TREE CROPS
WEST:	RANGE LANDS	RL160	58 ACRES	TREE CROPS

REFERRAL AGENCIES

LOCAL

- Agricultural Commissioner
- Air Quality Management District
- Archaeological Commission
- Department of Transportation (DOT)
- Environmental Health (EH)
- Farm Advisor

- Forestry Advisor
- Fort Bragg Rural Fire District
- Planning Division Ukiah

STATE

- CALFIRE (Resource Management)
- California Coastal Commission

- California Dept. of Fish & Wildlife

TRIBAL

- Cloverdale Rancheria
- Redwood Valley Rancheria
- Sherwood Valley Band of Pomo Indians

ADDITIONAL INFORMATION: To reduce the referral packet size, some application attachments were not included in the referral packet. See Application page 6 for a list of all application attachments. Please contact cherryj@mendocinocounty.org for additional information.

- Project site and location maps: see Application pages 11-13 (Attachment 2) and Location Map
- Environmentally Sensitive Habitat Area information: see Application pages 7-10 (Attachment 1) and pages 16-44 (Attachment 4)
- Plant survey information: see Application pages 47-51 (Attachment 6)
- Proposed mitigation measures: see Application pages 52-56 (Attachment 7)
- Topography and Soils information: see Application pages 14-15 (Attachment 3), *Local Soils* and *Topographic Maps*
- CalFire Utility Exemption information: see Application pages 80-89 (Attachment 13)
- Easement documentation: see Application pages 76-79 (Attachment 10)

Staff submitted a request for this item to be considered by Mendocino County Archaeological Commission.

- Cultural Constraints Summary: see Application pages 72-75 (Attachment 9)

Please send comments to cherryj@mendocinocounty.org or contact Juliana Cherry at 707-234-2888

STAFF PLANNER: JULIANA CHERRY

DATE: 8/17/2020

ENVIRONMENTAL DATA

1. MAC:

GIS

No

2. FIRE HAZARD SEVERITY ZONE:

CALFIRE FRAP maps/GIS

High Fire Hazard. See Fire Hazard Zones & Responsibility Areas

3. FIRE RESPONSIBILITY AREA:

CALFIRE FRAP maps/GIS

Fort Bragg Rural FPD. See Fire Hazard Zones & Responsibility Areas

4. FARMLAND CLASSIFICATION:

GIS

Grazing land. See Farmland Classifications

5. FLOOD ZONE CLASSIFICATION:

FEMA Flood Insurance Rate Maps (FIRM)

Yes. See Special Flood Hazard Areas.

6. COASTAL GROUNDWATER RESOURCE AREA:

Coastal Groundwater Study/GIS

Critical Water Resources Bedrock. See Ground Water Resources

7. SOIL CLASSIFICATION:

Mendocino County Soils Study Eastern/Western Part

Western #113. See Western Soil Classifications

8. PYGMY VEGETATION OR PYGMY CAPABLE SOIL:

LCP maps, Pygmy Soils Maps; GIS

No

9. WILLIAMSON ACT CONTRACT:

GIS/Mendocino County Assessor's Office

No, but adjacent. See Lands in Williamson Act Contracts.

10. TIMBER PRODUCTION ZONE:

GIS

Yes. See Timber Production Zones exhibit

11. WETLANDS CLASSIFICATION:

GIS

Adjacent to wetlands. See Wetlands exhibit

12. EARTHQUAKE FAULT ZONE:

Earthquake Fault Zone Maps; GIS

No

13. AIRPORT LAND USE PLANNING AREA:

Airport Land Use Plan; GIS

No

14. SUPERFUND/BROWNFIELD/HAZMAT SITE:

GIS; General Plan 3-11

No

15. NATURAL DIVERSITY DATABASE:

CA Dept. of Fish & Wildlife Rarefind Database/GIS

Yes

16. STATE FOREST/PARK/RECREATION AREA ADJACENT:

GIS; General Plan 3-10

No

17. LANDSLIDE HAZARD:

Hazards and Landslides Map; GIS; Policy RM-61; General Plan 4-44

No

18. WATER EFFICIENT LANDSCAPE REQUIRED:

Policy RM-7; General Plan 4-34

No

19. WILD AND SCENIC RIVER:

www.rivers.gov (Eel Only); GIS

No

20. SPECIFIC PLAN/SPECIAL PLAN AREA:

Various Adopted Specific Plan Areas; GIS

No

21. STATE CLEARINGHOUSE REQUIRED:

Policy

No

22. OAK WOODLAND AREA:

USDA

No

23. HARBOR DISTRICT:

Sec. 20.512

No

FOR PROJECTS WITHIN THE COASTAL ZONE ONLY

24. LCP LAND USE CLASSIFICATION:

LCP Land Use maps/GIS

Forest Lands. See LCP Land Use Map 11 Little Valley

25. LCP LAND CAPABILITIES & NATURAL HAZARDS:

LCP Land Capabilities maps/GIS; 20.500

High productivity timberlands. See LCP Land capabilities & Natural Hazards

26. LCP HABITATS & RESOURCES:

LCP Habitat maps/GIS; 20.496

Cutover woodland habitat. See LCP Habitats & Resources

27. COASTAL COMMISSION APPEALABLE AREA:

Post LCP Certification Permit and Appeal Jurisdiction maps/GIS; 20.544

Not appeal jurisdiction. See Appealable Areas exhibit

28. CDP EXCLUSION ZONE:

CDP Exclusion Zone maps/GIS

No

29. HIGHLY SCENIC AREA:

Highly Scenic & Tree Removal Area Maps/GIS; Secs. 20.504.015, 20.504.020

No

30. BIOLOGICAL RESOURCES & NATURAL AREAS:

Biological Resources & Natural Area Map; GIS; General Plan 4-9

See Biological Resources exhibit

31. BLUFFTOP GEOLOGY:

GIS; 20.500.020

No

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FORT BRAGG, CA 95437
Telephone: 707-964-5379
FAX: 707-961-2427
pbs@co.mendocino.ca.us
www.co.mendocino.ca.us/planning



Case No(s)	_____
CDF No(s)	_____
Date Filed	_____
Fee	_____
Receipt No.	_____
Received by	_____
Office Use Only	

COASTAL ZONE APPLICATION FORM

APPLICANT

Name Pacific Gas and Electric Company (care of Nicole Reese, Land Planner)
Mailing Address 2730 Gateway Oaks, Suite 230
City Sacramento State CA Zip Code 95833 Phone 415-471-7582

PROPERTY OWNER

Name Pacific Gas and Electric Company
Mailing Address 77 Beale St.
City San Francisco State CA Zip Code 94105 Phone 415-471-7582

AGENT

Name _____
Mailing Address _____
City _____ State _____ Zip Code _____ Phone _____

PARCEL SIZE

275 Square feet
 Acres

STREET ADDRESS OF PROJECT

31000 CAMP ONE TEN MILE RD, FORT BRAGG

ASSESSOR'S PARCEL NUMBER(S)

069-080-03-00

I certify that the information submitted with this application is true and accurate.

Relyn Mijardo
Signature of Applicant/Agent

6/23/2020
Date

Relyn Mijardo
Signature of Owner

6/23/2020
Date

COASTAL ZONE - SITE AND PROJECT DESCRIPTION QUESTIONNAIRE

The purpose of this questionnaire is to relate information concerning your application to the Planning and Building Services Department and other agencies who will be reviewing your project proposal. Please remember that the clearer picture that you give us of your project and the site, the easier it will be to promptly process your application. Please answer all questions. Those questions which do not pertain to your project, please indicate "Not Applicable" or "N/A".

THE PROJECT

1. Describe your project and include secondary improvements such as wells, septic systems, grading, vegetation removal, roads, etc.

Pacific Gas and Electric proposes approximately 19 hazard tree removals as part of PG&E's Community Wildfire Safety Program. This work is along an existing PG&E distribution line and would not introduce new infrastructure. Therefore, it is considered maintenance work and should not be classified as a "project" in the eyes of the State of California. These trees include 3 Bay Trees, 5 Douglas Fir, 9 Grand Fir, 1 Spruce, 1 Redwood are planned to be removed. All trees are class R2 (12.1 - 23.9 inches DBH). No brush removal or grading will occur as part of the vegetation management. Hand tools, a chipper, and a bucket truck will be used in the removal of this vegetation.

PG&E facilities on this property and maintenance thereof is pursuant to a perpetual easement (attached) on the subject parcel.

See attached Biological Constraints Report performed by a qualified biologist of sensitive plant or animal species present in or adjacent to areas where tree removals are proposed.

2. If the project is residential, please complete the following:

TYPE OF UNIT	NUMBER OF STRUCTURES	SQUARE FEET PER DWELLING UNIT
<input type="checkbox"/> Single Family	N/A	N/A
<input type="checkbox"/> Mobile Home	N/A	N/A
<input type="checkbox"/> Duplex	N/A	N/A
<input type="checkbox"/> Multifamily	N/A	N/A

If Multifamily, number of dwelling units per building: N/A

3. If the project is commercial, industrial, or institutional, complete the following:

Total square footage of structures:	N/A
Estimated employees per shift:	N/A
Estimated shifts per day:	N/A
Type of loading facilities proposed:	N/A

4. Will the proposed project be phased? Yes No
If Yes, explain your plans for phasing.

N/A

5. Are there existing structures on the property? Yes No
 If yes, describe below and identify the use of each structure on the plot plan.
 An existing PG&E distribution line, five poles, and one transformer are located along the proposed vegetation management work. PG&E occupies this location pursuant to a perpetual easement (attached).

6. Will any existing structures be demolished? Yes No
 Will any existing structures be removed? Yes No
 If yes to either question, describe the type of development to be demolished or removed, including the relocation site, if applicable.
 N/A

7. Project Height. Maximum height of structure N/A feet.

8. Lot area (within property lines): Easement adjacent to tree locations = 1.34 square feet acres

9. Lot Coverage:

	EXISTING	NEW PROPOSED	TOTAL
Building coverage	<u>N/A</u> square feet	<u>N/A</u> square feet	<u>N/A</u> square feet
Paved area	<u>N/A</u> square feet	<u>N/A</u> square feet	<u>N/A</u> square feet
Landscaped area	<u>N/A</u> square feet	<u>N/A</u> square feet	<u>N/A</u> square feet
Unimproved area	<u>N/A</u> square feet	<u>N/A</u> square feet	<u>N/A</u> square feet
GRAND TOTAL:			<u>N/A</u> square feet
(Should equal gross area of parcel)			

10. Gross floor area: N/A square feet (including covered parking and accessory buildings).

11. Parking will be provided as follows:

Number of Spaces	Existing <u>N/A</u>	Proposed <u>N/A</u>	Total <u>N/A</u>
Number of covered spaces	<u>N/A</u>		Size <u>N/A</u>
Number of uncovered spaces	<u>N/A</u>		Size <u>N/A</u>
Number of standard spaces	<u>N/A</u>		Size <u>N/A</u>
Number of handicapped spaces	<u>N/A</u>		Size <u>N/A</u>

The area where PGE holds land rights and intends to work does not have any existing parking spaces. The vegetation management work will not result in the need for additional parking spaces. Two to three vehicles are required to complete the work and these vehicles will temporarily park along Camp 2 10 Mile Road.

12. Utilities will be supplied to the site as follows:

A. Electricity

- Utility Company (service exists to the parcel).
- Utility Company (requires extension of services to site: _____ feet _____ miles)
- On Site generation, Specify: _____
- None **(N/A)**

B. Gas

- Utility Company/Tank
- On Site generation, Specify: _____
- None **(N/A)**

C. Telephone: Yes No

13. Will there be any exterior lighting? Yes No

If yes, describe below and identify the location of all exterior lighting on the plot plan and building plans.

No lighting will be used during the vegetation management work and no new lights will be added as a result of the work.

14. What will be the method of sewage disposal?

- Community sewage system, specify supplier _____
- Septic Tank
- Other, specify N/A

15. What will be the domestic water source?

- Community water system, specify supplier _____
- Well
- Spring
- Other, specify N/A

16. Is any grading or road construction planned? Yes No

If yes, grading and drainage plans may be required. Also, describe the terrain to be traversed (e.g., steep, moderate slope, flat, etc.).

For grading and road construction, complete the following:

- A. Amount of cut: N/A cubic yards
- B. Amount of fill: N/A cubic yards
- C. Maximum height of fill slope: N/A feet
- D. Maximum height of cut slope: N/A feet
- E. Amount of import or export: N/A cubic yards
- F. Location of borrow or disposal site: N/A

17. Will vegetation be removed on areas other than the building sites and roads? Yes No
If yes, explain:
3 Bay Trees, 5 Douglas Fir, 9 Grand Fir, 1 Spruce, 1 Redwood are planned to be removed. All trees are class R2 (12.1 - 23.9 inches DBH). Hand tools, a chipper, and a bucket truck will be used in the removal of this vegetation.

18. Does the project involve sand removal, mining or gravel extraction? Yes No
If yes, detailed extraction, reclamation and monitoring may be required.
N/A

19. Will the proposed development convert land currently or previously used for agriculture to another use? Yes No
If yes, how many acres will be converted? N/A acres (An agricultural economic feasibility study may be required.)

20. Will the development provide public or private recreational opportunities? Yes No
If yes, explain:
N/A

21. Is the proposed development visible from: N/A
A. State Highway 1 or other scenic route? Yes No
B. Park, beach or recreation area? Yes No

22. Will the project involve the use or disposal of potentially hazardous materials such as toxic substances, flammables, or explosives? Yes No
If yes, explain:
N/A

23. Does the development involve diking, filling, dredging or placing structures in open coastal waters, wetlands, estuaries or lakes?
A. Diking Yes No
B. Filling Yes No
C. Dredging Yes No
D. Placement of structures in open coastal waters, wetlands, estuaries or lakes Yes No
Amount of material to be dredged or filled? N/A cubic yards.
Location of dredged material disposal site: N/A
Has a U.S. Army Corps of Engineers permit been applied for? Yes No

If you need additional room to answer any question, attach additional sheets.

Attachments

1. ESHA Supplemental Application
2. Project Overview Map
3. Topographic, Soils, Parcel Map
4. Biological Review
5. Inundation Map
6. Plant Survey and Map
7. Mitigation Proposal
8. Site Erosion Control Plan
9. Cultural Constraints Summary
10. PG&E Easement (Proof of legal interest in the property)
11. Payment Confirmation
12. PG&E's Contract Approval and Signing Policy Guide
13. CalFire Utility Exemption

Attachment 1:
ESHA Supplemental Application

PG&E 31334291 Fort Bragg 1101 – ESHA Supplemental Application

- A. **Topographic Base Map.** The base map shall be at a scale sufficiently large to permit clear and accurate depiction of vegetative associations and soil types in relation to any and all proposed development (normally the scale required will be 1" = 200'). Contour intervals should be five (5) feet, and the map shall contain a north arrow, graphic bar scale, and a citation for the source of the base map (including the date). The map shall show the following information:
1. Boundary lines of the applicant's property and adjacent property, including assessor's parcel numbers, as well as the boundaries of any tidelands, submerged lands or public trust lands;
 2. Names and locations of adjacent or nearby roads, streets or highways, and other important geographic, topographic and physical features;
 3. Location and elevation of any levees, dikes or flood control channels;
 4. Location, size and invert elevation of any culverts or tide gates.

A Topographic Base Map satisfying all these requirements is provided in Attachment 3 as is also included in the Biological Constraints Report (Attachment 4).

- B. **Inundation Map.** For nontidal wetlands, a map should be prepared indicating permanent or seasonal patterns of inundation (including sources) in a year of normal rainfall.

An Inundation Map indicating permanent and seasonal patterns of inundation (including sources) in a year of normal rainfall is included as Attachment 5.

- C. **Vegetation Map.** Location and names of plant species (e.g., *Salicornia virginica*) and vegetation associations (e.g., saltmarsh). This map shall be prepared by a qualified ecologist or botanist.

A Vegetation Map and associated plant survey document are included as Attachment 6.

- D. **Soils Map.** If no soil survey is available, a soils map shall be prepared by a qualified soils scientist, and should show the location of soil types and include a physical description of their characteristics.

A Soils Map is included as Attachment 3.

- E. **Report of Compliance.** A report based upon an on-site investigation which demonstrates that the development meets all of the criteria specified for development in, and proximate to, an environmentally sensitive habitat area including a description and analysis of the following performed by a qualified professional:

1. Present extent of the habitat, and if available, maps, photographs or drawings showing historical extent of the habitat area.

The Biological Constraints Report (Attachment 4), Plant Survey and Map (Attachment 6), and Inundation Map (Attachment 5) present a full extent of the habitat.

2. Previous and existing ecological conditions.
 - a) The life history, ecology and habitat requirements of the relevant resources, such as plants, fish and wildlife, in sufficient detail to permit a biologist familiar with similar systems to infer functional relationships (the maps described in above may supply part of this information).
 - b) Restoration potentials.

The Biological Constraints Report (Attachment 4), Plant Survey and Map (Attachment 6), and Inundation Map (Attachment 5) present a previous and existing ecological conditions.

3. Present and potential adverse physical and biological impacts on the ecosystem.

Page 3 of the Biological Constraints Report (Attachment 4) contains an evaluation of resources & potential impacts.

4. Alternatives to the proposed development, including different projects and alternative locations.

These trees are considered a hazard to the distribution line and trimming would not mitigate the hazard potential if one of the trees were to fall on the line. The distribution line that these hazard trees affect would be very costly to relocate and would have a greater impact on the natural environmental than the proposed vegetation management work.

5. Mitigation measures, including restoration measures and proposed buffer areas.

Standard Avoidance/Minimization Measures for Vegetation Management work is provided in the Biological Constraints Report (Attachment 4). The Biological Constraints Report (Attachment 4, pages 4-7) also contains project specific Avoidance/Minimization Measures. Further, the PG&E Mitigation Team developed a Mitigation Proposal, included as Attachment 7.

6. If the project includes dredging, explain the following:
 - a) The purpose of the dredging.
 - b) The existing and proposed depths.
 - c) The volume (cubic yards) and area (acres or square feet) to be dredged.
 - d) Location of dredging (e.g., estuaries, open coastal waters or streams).
 - e) The location of proposed spoil disposal.
 - f) The grain size distribution of spoils.

g) The occurrence of any pollutants in the dredge spoils.

The project does not involve dredging.

7. If the project includes filling, identify the type of fill material to be used, including pilings or other structures, and specify the proposed location for the placement of the fill, the quantity to be used and the surface area to be covered.

The project does not involve filling.

8. If the project includes diking, identify on a map the location, size, length, top and base width, depth and elevation of the proposed dike(s) as well as the location, size and invert elevation of any existing or proposed culverts or tide gates.

The project does not involve diking.

9. If the project is adjacent to a wetland and may cause mud waves, a report shall be prepared by a qualified geotechnical engineer which explains ways to prevent or mitigate the problem.

The project has no potential to cause mud waves.

10. Benchmark and survey data used to locate the project, the lines of highest tidal action, mean high tide, or other reference points applicable to the particular project.

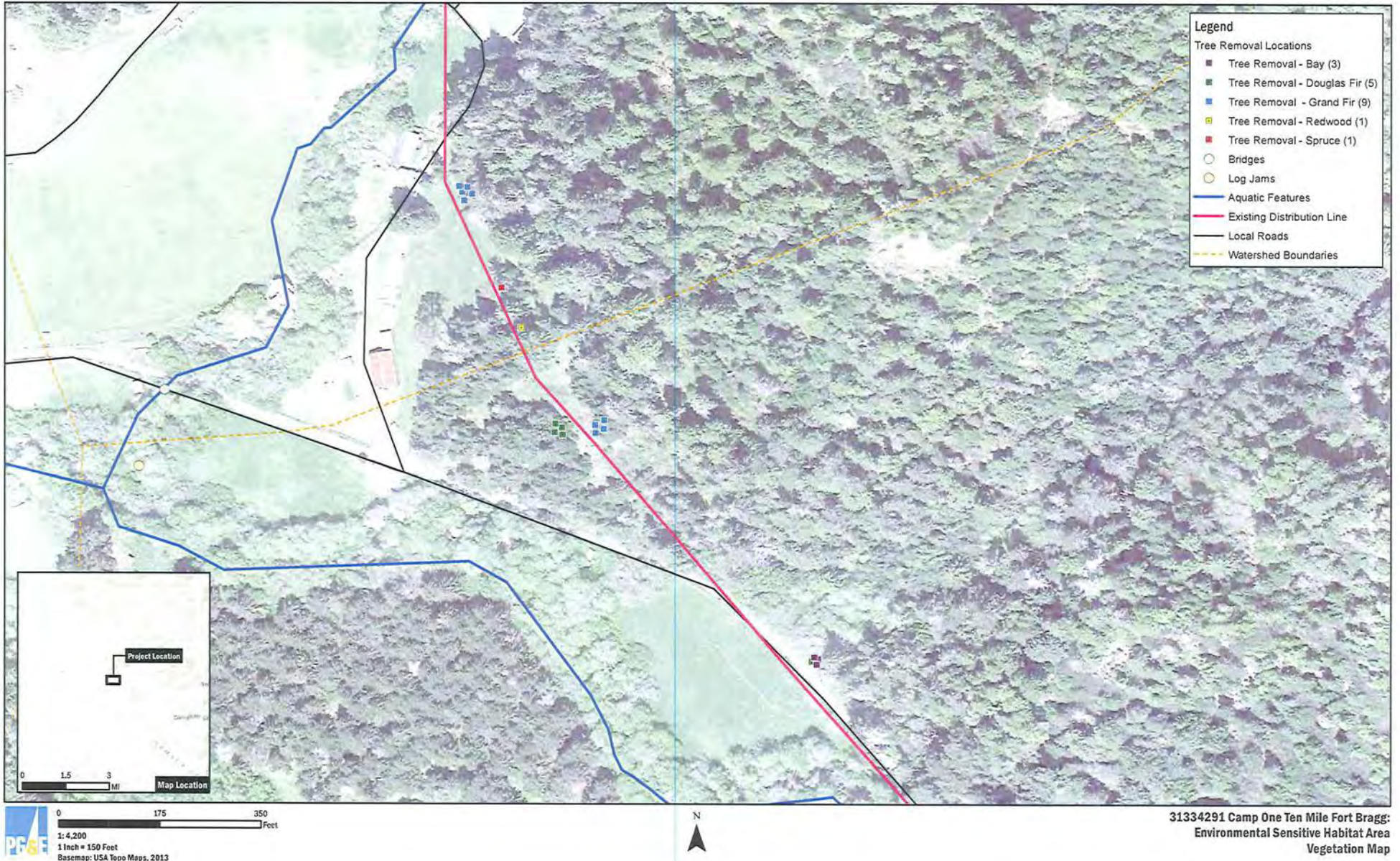
All riverine information is located in the Inundation Map, Attachment 5.

11. Other governmental approvals as required and obtained. Indicate the public notice number of Army Corps of Engineers permit if applicable. (Ord. No. 3785 (part), adopted 1991)

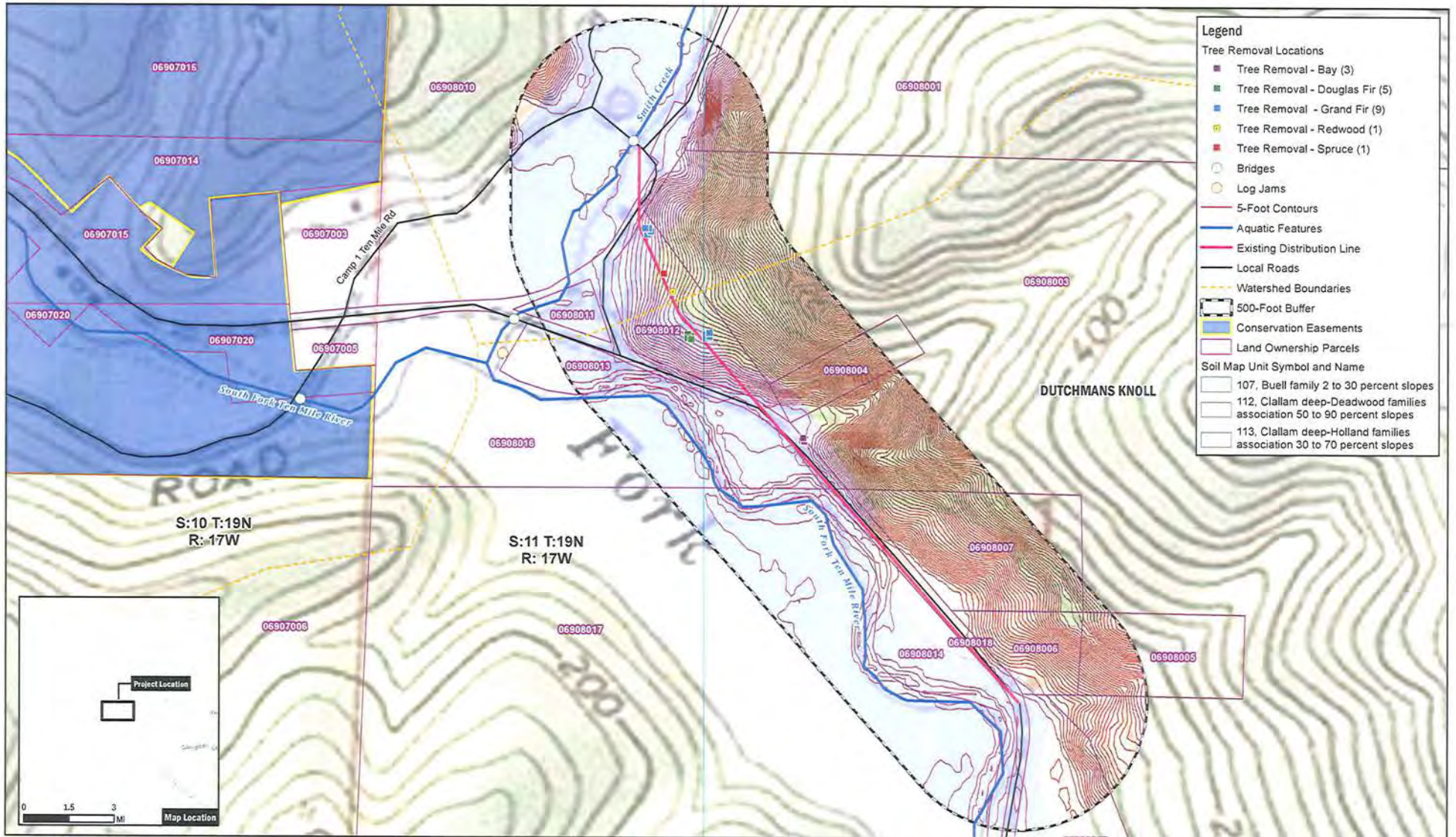
No other governmental approvals are required. PG&E's CalFire Utility Exemption is provided as Attachment 13.

Attachment 2: Project Overview Maps





Attachment 3:
Topographic, Soils, Parcel Map



Legend

Tree Removal Locations

- Tree Removal - Bay (3)
- Tree Removal - Douglas Fir (5)
- Tree Removal - Grand Fir (9)
- Tree Removal - Redwood (1)
- Tree Removal - Spruce (1)

- Bridges
- Log Jams
- 5-Foot Contours
- Aquatic Features
- Existing Distribution Line
- Local Roads
- Watershed Boundaries
- 500-Foot Buffer
- Conservation Easements
- Land Ownership Parcels

Soil Map Unit Symbol and Name

- 107, Buell family 2 to 30 percent slopes
- 112, Clallam deep-Deadwood families association 50 to 90 percent slopes
- 113, Clallam deep-Holland families association 30 to 70 percent slopes



0 175 350 Feet
 1:4,200
 1 Inch = 350 Feet
 Basemap: USA Topo Maps, 2013



31334291 Camp One Ten Mile Fort Bragg:
 Environmental Sensitive Habitat Area
 Supplemental Application Map

Attachment 4: Biological Review



Environmental Management
Distribution and Shared Services

Biological Constraints Report for Gas & Electric Distribution Projects

Project Name: Recon 6 Spans Camp One Ten Mile Ft Bragg (CCC)	Date of Preparation: 5/29/2020
Project Location: Inglenook, Mendocino County	Order Number: 31334291
Latitude/Longitude: Approximate project center: 39.525690° / -123.731952°	Project Manager/Estimator: Steve Whitman
Name of Preparer(s): Kris Sundeen: AECOM (desktop review), Nick Burton: PG&E (senior review).	
Surveys/Monitoring Recommended	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Contingent on AMMs and scope	
Summary/List of Biological Constraints	
<ul style="list-style-type: none"> Northern Spotted Owls are known to occur near the project area and project activities should be restricted to August 1st – February 1st. 	
Project Description	
<p>Pacific Gas and Electric Company (PG&E) plans to remove approximately 19 units (3 Bay, 5 Douglas Fir, 9 Grand Fir, 1 Spruce, and 1 Redwood tree) under or adjacent to the Fort Bragg 1101 overhead distribution line located in Inglenook, Mendocino County (Figures 1, 2, and 5). This vegetation management work is associated with the maintenance of PG&E infrastructure.</p> <p>All work locations are within the Plan Area of the Multi-region Operations and Maintenance Habitat Conservation Plan (Multi Region O&M HCP). The HCP provides PG&E with federal take authorization for all gas and electric operation and maintenance activities in the Plan Area during the 30-year permit term. All work locations fall under the HCP activity type E10c.</p>	
Project Schedule & Duration	
Anticipated Start Date: 9/30/2020 End: TBD	
Access	
Project access is via Hwy 1 to Camp 2 10 Mile Road. The vegetation removal locations are uphill, northeast of the road and will be accessed by foot.	
Land Use & Ownership	
<input type="checkbox"/> Agricultural <input checked="" type="checkbox"/> Undeveloped <input type="checkbox"/> Developed <input type="checkbox"/> Public Land	
Notes: The project area is a mix of large rural properties and private timber land.	


 Environmental Management
 Distribution and Shared Services

Project Name: Recon 6 Spans Camp One Ten Mile Ft Bragg (CCC)		Date of Preparation: 5/29/2020	
Project Location: Inglenook, Mendocino County		Order Number: 31334291	
Habitat Types			
<input checked="" type="checkbox"/> Grassland <input checked="" type="checkbox"/> Annual <input checked="" type="checkbox"/> Perennial <input type="checkbox"/> Oak Woodland <input type="checkbox"/> Urban Environment <input checked="" type="checkbox"/> Mixed Conifer <input type="checkbox"/> Redwood <input type="checkbox"/> Chaparral <input checked="" type="checkbox"/> Riparian <input type="checkbox"/> Freshwater Wetland <input type="checkbox"/> Brackish/Saltmarsh <input checked="" type="checkbox"/> Agricultural <input type="checkbox"/> Ruderal or Landscaped <input type="checkbox"/> Other (see notes)			
Notes: Habitat is a mix of forested upland habitat, riparian areas, and meadows with some hay production and grazing fields.			
Site Visit			
<input checked="" type="checkbox"/> Yes. If yes, provide date: 4/30/19 and 5/12/20 by Kris Sundeen <input type="checkbox"/> No			
Special Status Species¹	CNDDB Records (1.5 mile radius)	Habitat Present	Potential to Occur
Steelhead, Northern California DPS, <i>Onchorynchus mykiss irideus</i> , FT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Coho Salmon, Central California coast ESU, <i>Onchorynchus kisutch</i> , FE, SE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tidewater goby, <i>Eucyclogobius newberryi</i> , SSC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Pacific lamprey, <i>Entosphenus tridentatus</i> , SSC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Northern Spotted Owl, <i>Strix occidentalis caurina</i> , FT, ST	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Western Snowy Plover, <i>Charadius nivosus nivosus</i> , FT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Foothill yellow-legged frog, <i>Rana boylei</i> , SSC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Northern red-legged frog, <i>Rana aurora</i> , SSC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Red bellied newt, <i>Taricha rivularis</i> , SSC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Bats, various species	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Coast grand fir, <i>Abies grandis</i> var. <i>grandis</i> , G3/S3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Menzies' wallflower, <i>Erysimum menziesii</i> , FE, SE, 1B.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dark-eyed gilia, <i>Gilia millefoliata</i> , 1B.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Howell's spineflower, <i>Chorizanthe howellii</i> , FE, ST 1B.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
North Coast phacelia, <i>Phacelia insularis</i> var. <i>continentis</i> , 1B.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Swamp harebell, <i>Campanula californica</i> , 1B.2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Nesting birds	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



Environmental Management
Distribution and Shared Services

Project Name: Recon 6 Spans Camp One Ten Mile Ft Bragg (CCC)	Date of Preparation: 5/29/2020
Project Location: Inglenook, Mendocino County	Order Number: 31334291

Evaluation of Resources & Potential Impacts:

- **The following species in the list below are unlikely to occur within the project area (Figure 3).**

Western Snowy Plover are shorebirds that inhabit coastal beaches and will not be impacted by this project.

Bats of various species inhabit this region; however, no sensitive status bat species have records within the vicinity of the project. Species that are known to roost in tree cavities in coastal Mendocino County are big brown bat, little brown myotis, California myotis, long-legged myotis, and fringed myotis. Work shall be occurring during the day and will not impact bats foraging in the area. There are no known roost sites for bats within the project area. None of the trees being removed exhibit basal hollows (cavities in trees) that would provide tree roosting locations.

Menzies' wallflower, Dark-eyed gilia, Howell's spineflower, and North Coast phacelia are species associated with sandy dune habitat and will not be impacted by this project.

- **The following species in the list below have suitable habitat within the project area and have potential to occur: (Figure 3).**

Steelhead, Coho Salmon, Tidewater goby, and Pacific lamprey are present in SF Ten Mile Creek and its tributaries and Smith Creek. Tree removal will be occurring on the opposite side of the road from the creeks, in upland areas where the aquatic habitat for these species will not be impacted.

Northern Spotted Owl Activity Centers (per the Spotted Owl Observation Database) are present to the north (0.5 mile) and southeast (1.1 miles) of the project and there are positive detections within 500 feet of project locations (Figure 4). This species is covered under PG&E's Multi Region O&M HCP, and modelled habitat for this species overlaps the work areas. The permit requires application of species-specific measure NSO-1 any 'large' project defined by the permit. Activity type E10c (tree removal – small group) is not considered a large project in the permit, and therefore, per the permit NSO-1 is not required to be applied; however, given the potential nesting habitat and past positive detections in the area, NSO-1 is being applied

Foothill yellow-legged frog (FYLF) and Northern red-legged frog (NRLF) are mapped per CNDDDB data near the confluence of SF Ten Mile Creek and Smith Creek and have habitat throughout the project area. Tree removal is occurring in upland habitat that is unsuitable for FYLF's, which occupy riparian areas and typically are not found far from rocky, free flowing streams. There is potential NRLF upland habitat at the tree removal locations. FYLF is covered under PG&E's Multi Region O&M HCP. This work will be conducted in compliance with this permit. BMPs and AMMs will reduce the potential to impact this NRLF.

Red bellied newts were found in 1972 per CNDDDB records within 1.5 miles of the project, however there are no current records for this species. BMPs and AMMs will reduce the potential to impact this species.

Coast Grand fir is a large evergreen coniferous tree native to the Pacific Northwest and Northern California, occurring at altitudes of sea level to 900 meters. Grand firs are common in the project area, being one of the dominant tree species present. In addition, these trees are common along the coastal forests of Northern California, as well as western North America. The California Department of Fish and Wildlife nor does the California Rare Plant Ranking system list these species as rare, much less threatened or endangered. According to the NatureServe Element Ranking for Plants, a database not commonly referenced for environmental analysis in California, this species is designated as 'vulnerable' in the state. Nine grand firs are proposed for removal; however, these removals will not significantly reduce the overall population of this species in area.



Environmental Management
Distribution and Shared Services

Project Name: Recon 6 Spans Camp One Ten Mile Ft Bragg (CCC)	Date of Preparation: 5/29/2020
Project Location: Inglenook, Mendocino County	Order Number: 31334291
<p>Swamp harebell, a perennial rhizomatous herb, blooms June – October and inhabits bogs, fens, closed -cone coniferous forest, coastal prairie, meadows and seeps, marshes and swamps, and North Coast coniferous forest. There is potential habitat for this species near the tree removal locations; however, per CNDDDB, there are no mapped locations of this species within the proposed work areas. BMPs and AMMs will minimize impacts to this species.</p> <p>Nesting birds: Nesting birds may be present in the project footprint during the avian nesting season (February 15 through August 31) on the ground, shrubs, trees, or utility poles. Impacts to nesting birds can be avoided with incorporation of PG&E's general best management practices (BMPs) which require crews to stop work and contact a biologist if any active nests are detected.</p>	
<p>¹ Special Status is defined as Federally Endangered, Threatened, Proposed Endangered, Proposed Threatened or Candidate (FE, FT, FPE, FPT, FC); State Endangered, Threatened, or Candidate (SE, ST, SC); Fully Protected (FP); California Rare Plant Ranks 1 or 2 (1B.x, 2B.x); and California Department of Fish and Wildlife Species of Special Concern (SSC)</p>	
Are there any aquatic resources (seasonal or permanent) and/or riparian corridors within 250 feet?	
<input checked="" type="checkbox"/> Yes: If yes, provide type of aquatic resource: <ul style="list-style-type: none"> The 4 trees being removed at the southern portion of the project are approximately 250 feet from the South Fork of Ten Mile River and are located on the other side of the road from the waterway (Figure 2, 5). BMPs and AMMs will prevent impacts to these waterways. 	
<p>What type of aquatic resource is within 250 feet?</p> <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Man-made <input type="checkbox"/> potential wetland <input checked="" type="checkbox"/> perennial <input type="checkbox"/> intermittent <input type="checkbox"/> ephemeral	
<input type="checkbox"/> No	
If you answered yes to previous question, will the project directly impact any of the above aquatic resources?	
<input type="checkbox"/> Yes: If yes, please explain how;	
<input checked="" type="checkbox"/> No:	
Critical Habitat	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Physical and Biological Features Impacted:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Notes:	
Potential Permits/ Notifications/ Consultation	
<input type="checkbox"/> None <input type="checkbox"/> None, with AMMs <input type="checkbox"/> BO <input type="checkbox"/> ITP <input type="checkbox"/> 404 <input type="checkbox"/> 401 <input type="checkbox"/> LSAA <input type="checkbox"/> Sec 10 R&H <input checked="" type="checkbox"/> Other:	
Notes: Coastal Development Permit	
Avoidance and Minimization Measures	
Multi-Region Habitat Conservation Plan BMPs and Field Protocols	
<ul style="list-style-type: none"> Pre-activity environmental awareness training/HCP training shall be provided to work crews prior to accessing the work areas for staging or work activities. The training will focus on sensitive biological resources that could occur 	



Environmental Management
Distribution and Shared Services

Project Name: Recon 6 Spans Camp One Ten Mile Ft Bragg (CCC)	Date of Preparation: 5/29/2020
Project Location: Inglenook, Mendocino County	Order Number: 31334291
<p>within the work areas, regulatory protections afforded to these resources, and measures to be employed to avoid impacts to special-status species.</p> <ul style="list-style-type: none"> • Only personnel who have received Multi Region HCP training shall be allowed to work on this project. Please contact the Environmental Field Coordinator to schedule Multi Region HCP training for personnel whom have not yet received this training. • All HCP Field Protocols (FPs), special attention shall be given to the following: <ul style="list-style-type: none"> ○ FP-04: Route off-road access paths and site work sites to minimize impacts on plants, shrubs, and trees, small mammal burrows, and unique natural features (e.g., rock outcrops). ○ FP-06: Minimize potential for covered species to become trapped, injured, or killed in pipes, culverts, or under materials or equipment. Inspect pipes and culverts wide enough to be entered by a covered species that could inhabit the area where pipes are stored for wildlife species prior to moving pipes and culverts. Contact a biologist if a covered species or other federally listed species is suspected or discovered. • All HCP Vegetation Management BMPs (Appendix E), special attention shall be given to the following: <ul style="list-style-type: none"> ○ BMP 04: Vehicles and equipment must use pavement, existing roads, and previously disturbed areas to the extent practicable. ○ BMP 08: Vehicles and heavy equipment must be refueled at least 100 feet away from riparian areas. Handheld tools must be refueled outside of riparian areas. The fueling operator must stay with the fueling operation at all times. Do not top off tanks. ○ BMP 11: Vehicle use within riparian areas is limited to existing roads and dry crossings, and they must be checked and maintained daily to prevent leaks of materials that, if introduced to water, could be harmful to aquatic life. ○ BMP 12: Cleared or pruned vegetation and woody debris (including chips) must be disposed of in a manner to ensure that it does not enter surface water or a watercourse. All cleared vegetation and woody debris (including chips) must be removed from surface water or watercourses and placed or secured where it cannot re-enter the watercourse. ○ BMP 16: Migratory Birds: VM activities must follow the VM Migratory Bird Flowchart¹ ○ BMP 17: Sudden Oak Death: VM activities in counties subject to the Sudden Oak Death quarantine must follow VM Sudden Oak Death Protocols. ○ BMP 21: If a protected wildlife species is killed or injured as a result of VM activities, the incident must be reported immediately to a supervisor and the VM PG&E Representative for appropriate management. ○ BMP 28: A Licensed Pest Control Advisor must write prescriptions for all herbicide and tree growth regulator applications. Contractors must use a Qualified Applicator when applying herbicides and tree growth regulators for VM. ○ BMP 29: Nozzle tip, pressure, and sprayer configuration should be such to produce a coarser droplet to minimize drift. ○ BMP 30: Pesticides must not be transported in the same compartment with persons, food, or feed. Pesticide containers must be secured to the vehicle during transportation in a manner that will prevent spilling into or off the vehicle. ○ BMP 31: Selective application techniques should be used for VM ROW maintenance operations wherever practicable so that desirable vegetation is not adversely impacted. ○ BMP 32: The contractor must have a written training program for employees who handle pesticides. The written program must describe the materials and the information that will be provided and used to train the 	

¹ PG&E implements this process to comply with state law.



Project Name: Recon 6 Spans Camp One Ten Mile Ft Bragg (CCC)	Date of Preparation: 5/29/2020
Project Location: Inglenook, Mendocino County	Order Number: 31334291
<p>employees.</p> <ul style="list-style-type: none"> ○ BMP 33: Training must be completed before an employee is allowed to handle any pesticide and must be continually updated to cover any new pesticides that will be handled. Training must be repeated at least annually thereafter. PG&E implements this process to comply with state law. ○ BMP 34: These special precautions must be observed during periods of inclement weather: <ul style="list-style-type: none"> ○ Applications must not be made in, immediately prior to, or immediately following rain when runoff could be expected. ○ Applications must not be made when wind and/or fog conditions have the potential to cause drift. ○ Basal bark applications must not be made when stems are wet with rain, snow, or ice. <p>• <u>Species Specific Measures for Multi-Region Habitat Conservation Plan Covered Species</u></p> <p><u>Foothill yellow-legged frog (FYLF)</u></p> <ul style="list-style-type: none"> • FP-11: Utilize standard erosion and sediment control BMPs (pursuant to the most current version of PG&E's <i>Stormwater Field Manual for Construction Best Management Practices</i>) to prevent construction site runoff into waterways. • FP-15: Prohibit vehicular and equipment refueling within 250 feet of the edge of wetlands, streams, or waterways. If refueling must be conducted closer to wetlands, construct a secondary containment area subject to review by an environmental field specialist and/or biologist. Maintain spill prevention and cleanup equipment in refueling areas. • FP-16: Maintain a buffer of 250 feet from the edge of wetlands, ponds, or riparian areas. If maintaining the buffer is not practicable because the covered activity footprint is within the buffered area, other measures as prescribed by the biologist or the HCP administrator to minimize impacts such as flagging access routes or paths, requiring foot access, restricting work until the dry season, or requiring a biological monitor during the activity. Additional measures provided by the project biologist include: <ul style="list-style-type: none"> ○ Visually check for frogs under vehicles and equipment prior to moving them and be vigilant to avoid frogs on roadways. ○ Prior to using moving or downing tree materials, inspect the impact area or tree materials for frogs. If observed, all them to leave the area or contact PG&E biologist for additional assistance. ○ Contact PG&E Biologist (Nick Burton, 408-482-0002) if these measures are not feasible. <p><u>Northern spotted owl (NSO)</u></p> <ul style="list-style-type: none"> • NSO-1: If a biologist determines that a work site is within 0.25 mile of unsurveyed northern spotted owl nesting habitat, activity centers, or critical habitat during nesting season (March 1–July 31), then work will be restricted to August 1–February 28, unless surveys determine the suitable habitat or site is unoccupied or the owls are not nesting. For project work within 0.25 mile of a known nest site or nesting habitat that cannot be scheduled outside of the nesting season and the 0.25 mile buffers cannot be maintained, PG&E may implement reduced buffers based on <i>Estimating the Effects of Auditory and Visual Disturbance to Northern Spotted Owls and Marbled Murrelets in Northwestern California</i> (U.S. Fish and Wildlife Service 2006). <p>Additional Biological Avoidance and Minimization Measures (AMMs):</p> <ul style="list-style-type: none"> • Where feasible, activities shall be conducted during the dry season (generally May 15–October 15). If it is not possible to perform the work in the dry season, perform rainy season work during dry spells between rain events. 	



Environmental Management
Distribution and Shared Services

Project Name: Recon 6 Spans Camp One Ten Mile Ft Bragg (CCC)	Date of Preparation: 5/29/2020
Project Location: Inglenook, Mendocino County	Order Number: 31334291
<ul style="list-style-type: none">• If any potential special-status animal species is seen during work, work will stop in the area that could result in injury, disturbance, or harassment. The animal will be allowed to move out of the area on its own.	



Environmental Management
Distribution and Shared Services

Figures and Photographs:



Figure 1. Project vicinity



Environmental Management
Distribution and Shared Services

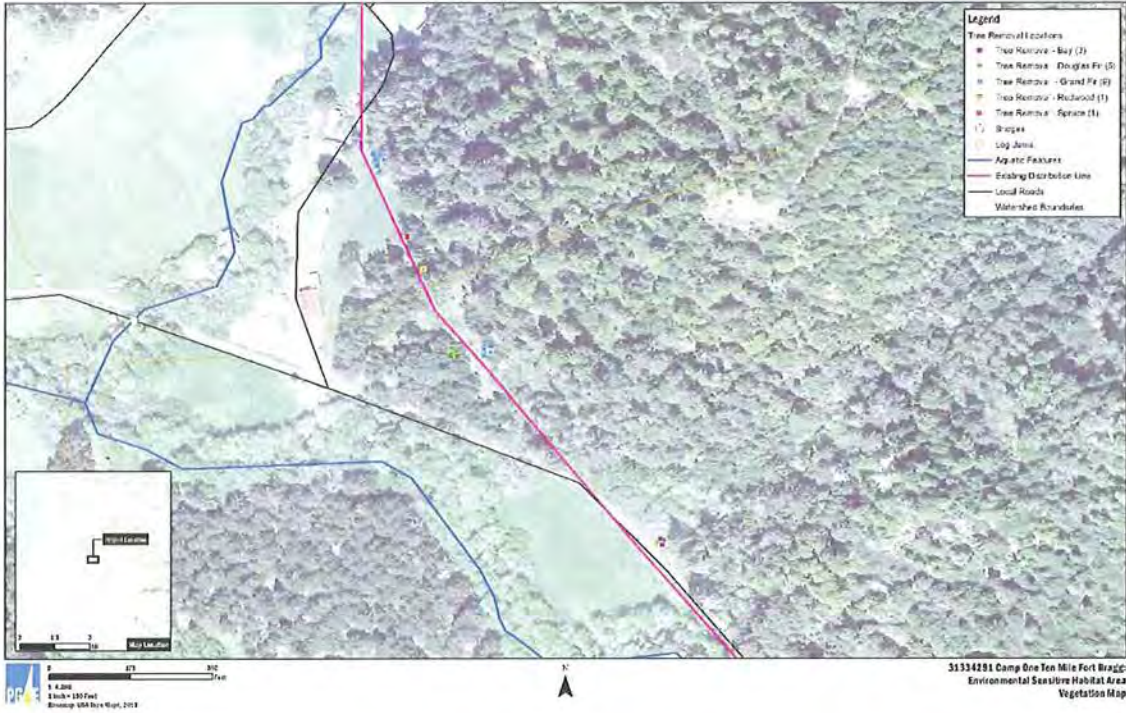


Figure 2. Project area and tree removals

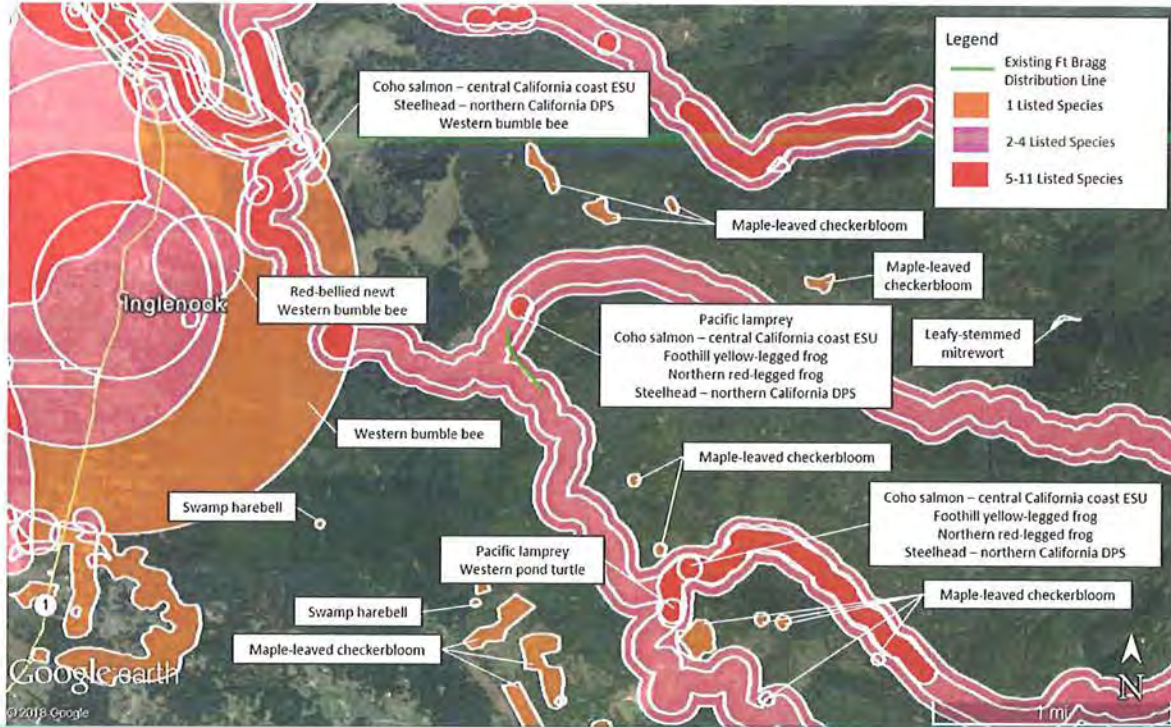


Figure 3. CNDDDB occurrences within 1.5 miles of the project location.



Environmental Management
Distribution and Shared Services

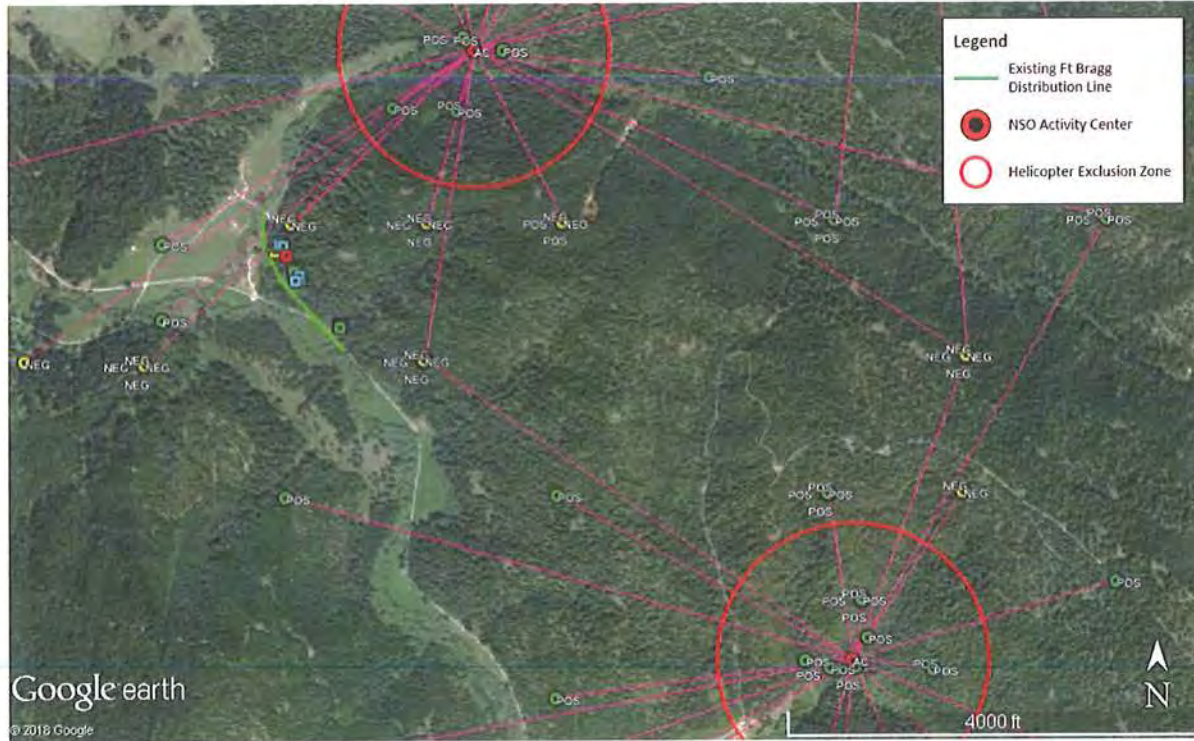


Figure 4. Northern Spotted Owl Activity Centers



Environmental Management
Distribution and Shared Services

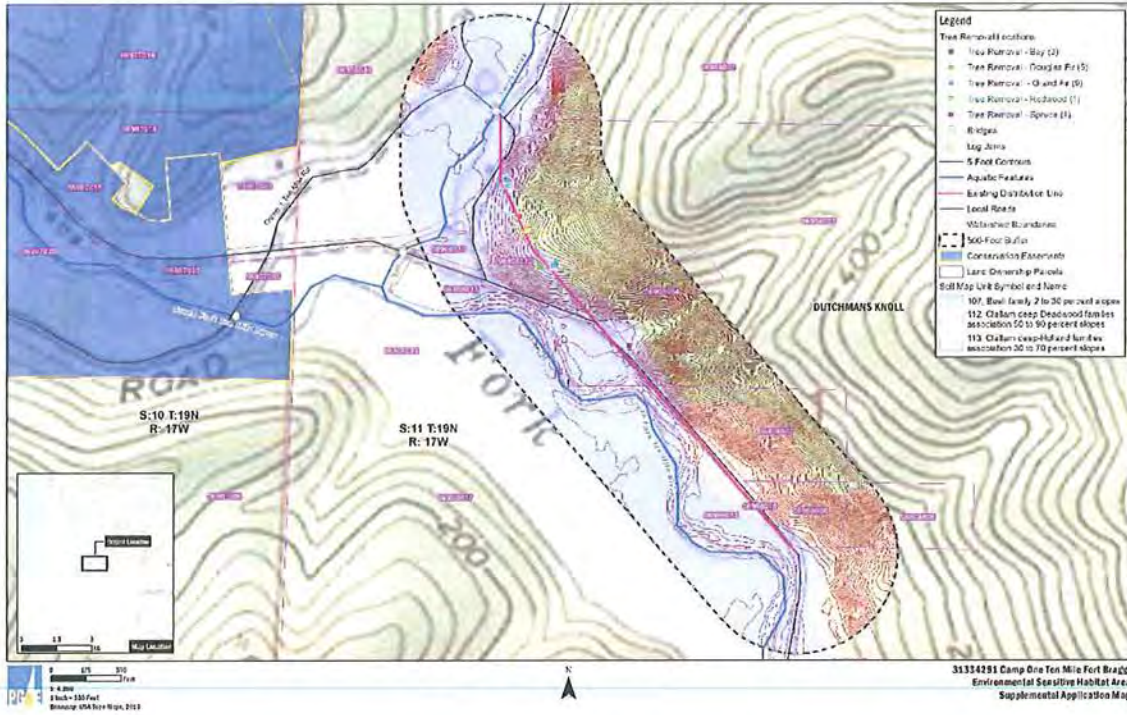


Figure 5: Environmentally Sensitive Habitat Area map per MCC Chapter 20.532.60



Best Management Practices Mejores Prácticas de Gestión

TD-7102P-01-JA01
Effective: 03/14/2019, Rev: 0
Manejo de la vegetación
cercana a líneas eléctricas
Fecha de entrada en vigencia:
03/14/2019, Rev: 0

Table of Contents

General BMPs for All VM Activities BMPs Generales Para Actividades de VM	Page 2
Water Quality/Sediment Control BMPs BMPs Relativas a la Calidad del Agua y al Control de Sedimentos	Page 4
Environmental/Biological BMPs BMPs Relativas al Medio Ambiente y a la Biología	Page 6
Fire BMPs BMPs Relativas a Incendios	Page 10
Herbicide BMPs BMPs Relativas a Herbicidas	Page 12
Mechanical Clearing Operations BMPs BMPs Relativas a Operaciones de Remoción Mecánica	Page 14



Best Management Practices
Mejores Prácticas de Gestión

TD-7102P-01-JA01
Effective: 03/14/2019, Rev: 0
Manejo de la vegetación
cercana a líneas eléctricas
Fecha de entrada en vigencia:
03/14/2019, Rev: 0

Guidance Document References:

[TD-7102P-01, "Distribution Routine Patrol Procedure \(DRPP\)"](#)

Level of Use:

- Information
- Reference
- Continuous

Best Management Practices
Mejores Prácticas de Gestión

ENGLISH	SPANISH
<p>During the performance of Vegetation Management (VM) activities the following Best Management Practices (BMPs) must be implemented where practicable. BMPs are considered practicable where physically possible and not conflicting with other regulatory obligations or safety considerations (GO 95 Rule 35 and Public Resource Codes 4292 and 4293) or emergency response situations. These BMPs are designed to ensure that PG&E VM activities are performed in an environmentally sensitive manner to minimize environmental impacts.</p>	<p>Durante la ejecución de actividades relativas al Manejo de Vegetación (Vegetation Management, VM, por sus siglas en inglés) las siguientes Mejores Prácticas de Gestión (Best Management Practices, BPM, por sus siglas en inglés) deberán ser implementadas donde sea factible. Las BMPs son consideradas factibles donde resulte físicamente posible realizarlas y donde no exista conflicto con otras regulaciones o consideraciones relativas a la seguridad (GO 95 Rule 35 and Public Resource Codes 4292 and 4293) o con situaciones de respuesta a emergencias. Estas BMPs están diseñadas para asegurar que las actividades de manejo de vegetación por parte de PG&E sean ejecutadas respetando el medio ambiente de manera de minimizar el impacto ambiental.</p>



Best Management Practices Mejores Prácticas de Gestión

TD-7102P-01-JA01
Effective: 03/14/2019, Rev: 0
Manejo de la vegetación
cercana a líneas eléctricas
Fecha de entrada en vigencia:
03/14/2019, Rev: 0

Best Management Practices
Mejores Prácticas de Gestión

General BMPs for All VM Activities BMPs Generales Para Actividades de VM		
BMP #	ENGLISH	SPANISH
BMP 1	VM employees and contractors must conduct ongoing training of environmental laws and procedures. VM employees and Contractors performing vegetation management activities must comply with these laws and procedures to minimize or avoid effects on natural resources during work activities.	Los empleados y contratistas dedicados al manejo de la vegetación deben recibir capacitación continua sobre las leyes y los procedimientos relativos al medio ambiente. Las actividades de estos empleados y contratistas deben ajustarse a estas leyes y procedimientos para que durante la ejecución de los trabajos se minimicen o se eviten efectos sobre los recursos naturales.
BMP 2	On federal, state, local and tribal agency land the land managers should be notified of pending work as far in advance as possible.	Ya sea en tierras federales, estatales, locales o de agencias tribales, los responsables de la administración de las tierras deben ser notificados con la máxima anticipación posible.
BMP 3	Roads, erosion control measures, fences, and structures damaged as a result of vegetation management operations must be repaired and reported to the work group supervisor and the VM PG&E Representative. Gates must be left as they are found.	Los daños en caminos, elementos para control de erosión, cercos y estructuras ocasionados durante operaciones de manejo de la vegetación, deben ser reparados y reportados al supervisor del grupo de trabajo y al Representante de PG&E a cargo de VM. Los portones deben quedar tal como se encontraron.
BMP 4	Vehicles and equipment must use pavement, existing roads, and previously disturbed areas to the extent practicable.	En la medida de lo posible, los vehículos y equipos deben circular por el pavimento, caminos existentes y áreas que han sido utilizadas con anterioridad.
BMP 5	Motorized equipment must comply with Air Resources Board permitting requirements.	Los equipos motorizados deben cumplir con los requerimientos del Air Resources Board.



Best Management Practices Mejores Prácticas de Gestión

TD-7102P-01-JA01

Effective: 03/14/2019, Rev: 0

Manejo de la vegetación

cercana a líneas eléctricas

Fecha de entrada en vigencia:

03/14/2019, Rev: 0

Best Management Practices
Mejores Prácticas de Gestión

General BMPs for All VM Activities BMPs Generales Para Actividades de VM		
BMP #	ENGLISH	SPANISH
BMP 6	Vehicle idling, noise, and odor must be minimized to the extent practicable when working near residences, public buildings, or commercial buildings. Within 100 feet of school facilities work vehicle must not stand idling for more than five minutes, unless necessary for work purposes. Diesel-fueled work vehicles must not stand idling for more than five minutes at any location, unless necessary for work purposes.	En los vehículos operando con el motor al ralentí, los ruidos y los olores deben minimizarse al punto de lo prácticamente posible cuando estén trabajando cerca de áreas residenciales, de edificios públicos y de edificios comerciales. Dentro de un radio de cien pies de cercanía a escuelas, los vehículos no deben permanecer con el motor al ralentí por más de cinco minutos, salvo que sea necesario por cuestiones relativas al trabajo realizado. Los vehículos con motores diesel no deben permanecer al ralentí por más de cinco minutos en ningún lugar, salvo que sea necesario por cuestiones operativas.
BMP 7	Contractors must have the ability to communicate quickly with their supervisor and/or PG&E by having a working cell phone or radio on the job site at all times, or by identifying the closest area of cell phone reception or closest public phone and familiarizing all employees with that location.	Los contratistas deben tener la posibilidad de poder comunicarse rápidamente con sus supervisores y/o con PG&E teniendo en el área de trabajo y en todo momento, un teléfono celular operativo o una radio; también deben identificar el área más cercana con buena recepción para teléfonos celulares o el teléfono público más próximo, y deben familiarizar a los empleados con dichas ubicaciones.



Best Management Practices
Mejores Prácticas de Gestión

TD-7102P-01-JA01
Effective: 03/14/2019, Rev: 0
Manejo de la vegetación
cercana a líneas eléctricas
Fecha de entrada en vigencia:
03/14/2019, Rev: 0

Best Management Practices
Mejores Prácticas de Gestión

Water Quality/Sediment Control BMPs BMPs Relativas a la Calidad del Agua y al Control de Sedimentos		
BMP #	ENGLISH	SPANISH
BMP 8	Vehicles and heavy equipment must be refueled at least 100 feet away from riparian areas. Handheld tools must be refueled outside of riparian areas. The fueling operator must stay with the fueling operation at all times. Do not top off tanks.	Los vehículos y equipos pesados deben ser reabastecidos de combustible a una distancia mayor de 100 pies de áreas ribereñas. Las herramientas de mano deben ser reabastecidas de combustible fuera de áreas ribereñas. El operador de reabastecimiento de combustible debe permanecer en el área de reabastecimiento en forma permanente. No llene a tope los tanques de combustible.
BMP 9	Petroleum and herbicide spill containment and cleanup materials must be available at the job site. Spills must be immediately cleaned up and contaminated materials disposed of properly. Spills greater than 8 oz. on soil or spills that create sheen on the water must be reported immediately to the supervisor and the VM PG&E Representative for appropriate management.	Materiales de limpieza específicos para derrames de petróleo y de herbicidas deben estar disponibles en el área de trabajo. Los derrames deben limpiarse en forma inmediata y los materiales contaminados deben ser desechados de la forma apropiada. Los derrames de más de 8 onzas sobre suelos o los derrames sobre agua que formen una superficie brillante, deben ser reportados inmediatamente al supervisor y al representante de PG&E encargado de VM, para que los mismos sean tratados apropiadamente.
BMP 10	Immediately after vegetation management activities, if the amount of contiguous, bare soil exposed in one location exceeds 0.1 Acres, erosion control measures must be implemented. These measures may include lop & scatter, broadcasting chipped material or compliance with other PG&E Erosion control measures.	Si inmediatamente después de un trabajo de control de vegetación, la cantidad contigua de suelo expuesto superase los 0.1 acres, se deben implementar medidas de control de erosión. Estas medidas podrían incluir "lop & scatter" (poda selectiva y dispersión de residuos), dispersión de material astillado o alguna otra medida de control de erosión aprobada por PG&E.



Best Management Practices Mejores Prácticas de Gestión

TD-7102P-01-JA01
Effective: 03/14/2019, Rev: 0
Manejo de la vegetación
cercana a líneas eléctricas
Fecha de entrada en vigencia:
03/14/2019, Rev: 0

Best Management Practices
Mejores Prácticas de Gestión

Water Quality/Sediment Control BMPs BMPs Relativas a la Calidad del Agua y al Control de Sedimentos		
BMP #	ENGLISH	SPANISH
BMP 11	Vehicle use within riparian areas is limited to existing roads and dry crossings, and they must be checked and maintained daily to prevent leaks of materials that, if introduced to water, could be harmful to aquatic life.	El uso de vehículos dentro de áreas ribereñas está limitado a caminos existentes y cruces secos; éstos deben ser controlados y mantenidos diariamente para prevenir eventuales pérdidas de materiales en el agua, que podrían causar riesgo a la vida acuática.
BMP 12	Cleared or pruned vegetation and woody debris (including chips) must be disposed of in a manner to ensure that it does not enter surface water or a watercourse. All cleared vegetation and woody debris (including chips) must be removed from surface water or watercourses, and placed or secured where it cannot re-enter the watercourse.	Los restos de vegetación podada y los restos de madera (incluyendo trozos pequeños) deben ser eliminados de manera que no lleguen a la superficie del agua o que no entren en un curso de agua. Todo resto de vegetación podada y de madera (incluyendo trozos pequeños) debe ser removida de la superficie del agua o de cursos de agua y se los debe ubicar o confinar en lugares seguros donde no tengan la oportunidad de volver a entrar al curso de agua.



Best Management Practices Mejores Prácticas de Gestión

TD-7102P-01-JA01
Effective: 03/14/2019, Rev: 0
Manejo de la vegetación
cercana a líneas eléctricas
Fecha de entrada en vigencia:
03/14/2019, Rev: 0

Best Management Practices
Mejores Prácticas de Gestión

Environmental/Biological BMPs BMPs Relativas al Medio Ambiente y a la Biología		
BMP #	ENGLISH	SPANISH
BMP 13	Vehicles should not exceed 15 mph on un-surfaced roads such as agricultural field roads and transmission right-of-way (ROW) access roads.	Los vehículos no deben exceder las 15 millas por hora en caminos no asfaltados tales como caminos en campos de agricultura y caminos con derecho a paso de acceso a líneas de transmisión (right-of-way, ROW por sus siglas en inglés).
BMP 14	Vehicles and heavy equipment must not be operated off roads within 25 feet of the edge of a vernal pool unless a biologist or natural resource professional evaluates and prescribes site specific AMMs.	Los vehículos y equipos pesados no deben ser operados fuera de rutas dentro de un radio de 25 pies del borde de un charco vernal, a menos que un biólogo o un profesional en recursos naturales evalúe y prescriba AMMs específicas para el lugar.
BMP 15	VELB: VM activities in Valley Elderberry Longhorn Beetle (VELB) habitat must follow PG&E VELB Utility Standard ENV-7001S and VM VELB Procedures.	VELB: las actividades relativas al manejo de la vegetación en el hábitat del escarabajo de cuerno largo del Valley Elderberry (Valley Elderberry Longhorn Beetle, VELB, por sus siglas en inglés) deben seguir los estándares de PG&E VELB Utility Standard ENV-7001S y los procedimientos VM VELB.
BMP 16	Migratory Birds: VM activities must follow the VM Migratory Bird Flowchart, to comply with the Migratory Bird Treaty Act.	Pájaros Migratorios: las actividades relativas al manejo de la vegetación deben seguir el Diagrama de Flujo VM para Aves Migratorias (VM Migratory Bird Flowchart), para cumplir con el Acta de Tratamiento de Aves Migratorias.
BMP 17	Sudden Oak Death: VM activities in counties subject to the Sudden Oak Death quarantine must follow VM Sudden Oak Death Protocols.	Muerte Súbita del Roble: las actividades relativas al manejo de la vegetación en condados sujetos a cuarentena por Muerte Súbita del Roble deben seguir los Protocolos VM para Muerte Súbita del Roble (VM Sudden Oak Death Protocols).



Best Management Practices
Mejores Prácticas de Gestión

TD-7102P-01-JA01
Effective: 03/14/2019, Rev: 0
Manejo de la vegetación
cercana a líneas eléctricas
Fecha de entrada en vigencia:
03/14/2019, Rev: 0

Best Management Practices
Mejores Prácticas de Gestión

Environmental/Biological BMPs BMPs Relativas al Medio Ambiente y a la Biología		
BMP #	ENGLISH	SPANISH
BMP 18	Environmental screening for mowing locations, fee strip weed abatement, and for electric transmission ROW reclamation work must be conducted by the VM environmental group prior to work.	Los controles ambientales para zonas de segado, de control de maleza y para trabajos de restauración en zonas con derecho a paso en líneas de transmisión eléctricas (ROW), deben ser realizados por el grupo ambiental VM antes de iniciar el trabajo.
BMP 19	VM must verify that the environmental screening process for capital and other non-VM work was conducted by the work owner prior to VM starting vegetation management activities. VM personnel and contractors must implement the environmental protection measures prescribed for the work.	Antes de comenzar tareas de manejo de vegetación, VM debe verificar que el proceso de control ambiental para trabajos primordiales y otros no relacionados al control de vegetación, fue realizado por el dueño de la obra. El personal de VM y los contratistas deben implementar las medidas de protección ambiental recomendadas para la obra.



Best Management Practices Mejores Prácticas de Gestión

TD-7102P-01-JA01
Effective: 03/14/2019, Rev: 0
Manejo de la vegetación
cercana a líneas eléctricas
Fecha de entrada en vigencia:
03/14/2019, Rev: 0

Best Management Practices
Mejores Prácticas de Gestión

Environmental/Biological BMPs BMPs Relativas al Medio Ambiente y a la Biología		
BMP #	ENGLISH	SPANISH
BMP 20	<p>Cultural Resources: <i>Items identified through Patrols/Screenings:</i> When previously identified cultural resources are found (i.e., old bottles, cans, buildings), they must be left in place and undisturbed. If it is necessary to move or disturb them to complete the work, or if human remains are found, stop work and contact the VM PG&E Representative.</p> <p><i>Unanticipated Discovery:</i> If any new cultural resources (e.g., structure features, bone, shell, artifacts, or architectural remains) are encountered and site disturbance cannot be avoided during work activities, or if human remains are suspected: Stop all work within 100 feet of the discovery Notify the VM PG&E representative who will contact the Cultural Resource Specialist Secure location, but do not touch or remove remains and associated artifacts; Do not remove associated spoils or pick through them; Note the location and document all calls and events; Keep the location confidential.</p>	<p>Recursos Culturales: <i>Elementos identificados a través de Patrullajes/Controles:</i> cuando se encuentren recursos culturales previamente identificados (por ejemplo botellas viejas, latas, edificaciones), se deben dejar en el lugar tal como se los encontraron. Si es necesario moverlos o alterarlos para completar el trabajo, o si restos humanos son encontrados, detenga el trabajo y contacte un Representante VM de PG&E. <i>Descubrimiento No Anticipado:</i> Si cualquier recurso cultural nuevo (por ejemplo restos de estructuras, huesos, conchas, artefactos o ruinas arquitectónicas) son descubiertos y la alteración del lugar no puede ser evitada durante el trabajo o ante la sospecha de presencia de restos humanos: de 100 pies del descubrimiento quien contactará al especialista en recursos culturales remueva los restos o artefactos asociados; las llamadas y eventos;</p>



Best Management Practices Mejores Prácticas de Gestión

TD-7102P-01-JA01
Effective: 03/14/2019, Rev: 0
Manejo de la vegetación
cercana a líneas eléctricas
Fecha de entrada en vigencia:
03/14/2019, Rev: 0

Best Management Practices
Mejores Prácticas de Gestión

Environmental/Biological BMPs BMPs Relativas al Medio Ambiente y a la Biología		
BMP #	ENGLISH	SPANISH
BMP 21	If a protected wildlife species is killed or injured as a result of current VM activities, the incident must be reported immediately to a supervisor and the VM PG&E Representative for appropriate management.	Si alguna especie protegida de vida salvaje es muerta o herida como resultado de alguna actividad VM, el incidente debe ser reportado en forma inmediata a un supervisor y al Representante VM de PG&E para que sea manejado apropiadamente.
BMP 22	Disturbance or removal of non-target vegetation within a work area should not exceed the minimum necessary to complete operations, subject to other public, health and safety directives governing the safe operations and maintenance of electric and gas facilities.	La perturbación o remoción de vegetación que no sea el objetivo de trabajo debe ser la mínima necesaria que permita completar las operaciones. Debe estar sujeta a directivas públicas, de salud y de seguridad que rijan operaciones y mantenimiento de plantas eléctricas y de gas.
BMP 23	During designated Fire Season motorized equipment must have federal or state approved spark arrestors; all vehicles must be equipped with firefighting tools as appropriate and in accordance with all applicable laws, rules, regulations, orders, and ordinances. When the fire adjective rating is Very High or Extreme no vehicular travel is permitted off cleared roads except in case of emergency.	Durante la Temporada de Incendios los equipos motorizados deben contar con sistemas de contención de chispas aprobados por el estado o por el gobierno federal; todos los vehículos deben contar con equipos extinguidores de fuego para la situación apropiada, debiendo cumplir los mismos con todas las leyes, regulaciones, reglas, órdenes y ordenanzas que les corresponda aplicar. Cuando el riesgo de incendio está en el nivel Muy Alto o Extremo, no se permite ninguna circulación vehicular fuera de los caminos habilitados excepto en casos de emergencia.



Best Management Practices
Mejores Prácticas de Gestión

TD-7102P-01-JA01
Effective: 03/14/2019, Rev: 0
Manejo de la vegetación
cercana a líneas eléctricas
Fecha de entrada en vigencia:
03/14/2019, Rev: 0

Best Management Practices
Mejores Prácticas de Gestión

Fire BMPs BMPs Relativas a Incendios		
BMP #	ENGLISH	SPANISH
BMP 24	<p>During designated Fire Season the contractor must check and follow the requirements of the daily Project Activity Level (PAL) when working on USFS or other required properties, or the Fire Adjective Index rating in hazardous fire areas and SRAs. These are measures of fire weather conditions and may restrict activities otherwise permitted.</p>	<p>Durante la Temporada de Incendios el contratista debe verificar y seguir los requerimientos del Nivel diario de Actividad del Proyecto (Project Activity Level, PAL, por sus siglas en inglés) cuando esté trabajando en USFS u otras propiedades o debe seguir el Índice de Calificación de Riesgo de Incendio en áreas de alto riesgo y áreas de responsabilidad del estado (SRA, por sus siglas en inglés). Estas son medidas de condiciones de clima relativas a riesgo de incendios que podrían restringir actividades que normalmente serían permitidas.</p>
BMP 25	<p>During designated Fire Season in grass and wildland areas:</p> <p>working, or operating light or heavy equipment.</p> <p>within an area cleared to mineral soil at least three feet in diameter.</p> <p>During Fire Adjective Index ratings of Very High or Extreme smoking is not allowed at any time in grass and wildland areas.</p>	<p>Durante la Temporada de Incendios en áreas con pasto y terrenos vírgenes:</p> <p>camina, trabaja u opera equipo liviano o pesado.</p> <p>o dentro de un área de por lo menos 3 pies de diámetro donde se ha removido vegetación hasta dejar solo suelo mineral.</p> <p>Cuando el Índice de Calificación de Riesgo de Incendios es Muy Alto o Extremo no está permitido fumar en ningún momento en áreas con pasto o en terrenos vírgenes.</p>



Best Management Practices
Mejores Prácticas de Gestión

TD-7102P-01-JA01
Effective: 03/14/2019, Rev: 0
Manejo de la vegetación
cercana a líneas eléctricas
Fecha de entrada en vigencia:
03/14/2019, Rev: 0

Best Management Practices
Mejores Prácticas de Gestión

Fire BMPs BMPs Relativas a Incendios		
BMP #	ENGLISH	SPANISH
BMP 26	Hunting, firearms, portable stoves, open fires (such as barbecues) not required by the VM activity, and pets (except for safety in remote locations) are prohibited in VM work activity sites. All trash, food items and human-generated debris must be properly contained and/or removed from the site.	En áreas de trabajo de manejo de la vegetación, está prohibido cazar, usar armas de fuego, utilizar cocinas portátiles, realizar fuegos abiertos si no lo requiriese la actividad VM (barbacoas por ejemplo). También están prohibidos los animales domésticos, excepto que sean requeridos por razones de seguridad en ubicaciones remotas.
BMP 27	Woody debris created by chipping, lop and scatter, or brush mowing operations must be left at an average depth of less than 18 inches from the ground surface unless otherwise specified in an easement or land owner agreement.	Los restos de madera originados por triturado, por "lop & scatter" (poda selectiva y esparsión de residuos), o por operaciones de segado de arbustos deben ser dejados a una profundidad promedio de menos de 18 pulgadas de la superficie del suelo, excepto que se especifique de otra forma a través de una servidumbre o de un acuerdo con el dueño de la propiedad.



Best Management Practices Mejores Prácticas de Gestión

TD-7102P-01-JA01

Effective: 03/14/2019, Rev: 0

Manejo de la vegetación
cercana a líneas eléctricas

Fecha de entrada en vigencia:

03/14/2019, Rev: 0

Herbicide BMPs BMPs Relativas a Herbicidas		
BMP #	ENGLISH	SPANISH
BMP 28	A Licensed Pest Control Advisor must write prescriptions for all herbicide and tree growth regulator applications. Contractors must use a Qualified Applicator when applying herbicides and tree growth regulators for VM.	Todas las aplicaciones de herbicidas y reguladores del crecimiento de árboles deben ser prescritas por un asesor Licenciado en Control de Pestes. Los contratistas deben usar un Aplicador Calificado cuando se apliquen herbicidas y reguladores de crecimientos de árboles, como parte de actividades VM.
BMP 29	Nozzle tip, pressure and sprayer configuration should be such to produce a coarser droplet to minimize drift.	La punta de la boquilla, la configuración del rociador y su presión deben ser tal que produzcan gotas de un tamaño suficientemente grande que minimicen el rocío a la deriva.
BMP 30	Pesticides must not be transported in the same compartment with persons, food, or feed. Pesticide containers must be secured to the vehicle during transportation in a manner that will prevent spilling into or off the vehicle.	Los pesticidas no deben ser transportados en el mismo compartimento que personas, comida o alimento para ganado. Durante su transporte, los contenedores de pesticidas deben estar firmemente sujetos al vehículo para prevenir derrames dentro o fuera del vehículo.
BMP 31	Selective application techniques should be used for VM ROW maintenance operations wherever practicable so that desirable vegetation is not adversely affected.	Cuando sea posible, técnicas de aplicación selectivas deberían ser utilizadas en operaciones de mantenimiento VM en caminos con derecho a paso (ROW) de forma tal que la vegetación deseada no sea adversamente afectada.
BMP 32	The contractor must have a written training program for employees who handle pesticides. The written program must describe the materials and the information that will be provided and used to train the employees.	EL contratista debe tener un programa de entrenamiento escrito para empleados acerca de cómo manipular pesticidas. El programa escrito debe describir los materiales y la información que será provista y utilizada para entrenar a los empleados.

Best Management Practices
Mejores Prácticas de Gestión



Best Management Practices Mejores Prácticas de Gestión

TD-7102P-01-JA01

Effective: 03/14/2019, Rev: 0

Manejo de la vegetación

cercana a líneas eléctricas

Fecha de entrada en vigencia:

03/14/2019, Rev: 0

 Best Management Practices
Mejores Prácticas de Gestión

Herbicide BMPs BMPs Relativas a Herbicidas		
BMP #	ENGLISH	SPANISH
BMP 33	Training must be completed before an employee is allowed to handle any pesticide, and must be continually updated to cover any new pesticides that will be handled. Training must be repeated at least annually thereafter.	El entrenamiento debe ser finalizado antes de que un empleado sea autorizado a la manipulación de pesticidas y se debe actualizar en forma continua para cubrir cualquier pesticida nuevo a ser utilizado. Se debe repetir el entrenamiento al menos una vez al año.
BMP 34	<p>These special precautions must be observed during periods of inclement weather:</p> <p>immediately prior to, or immediately following rain when runoff could be expected.</p> <p>wind and/or fog conditions have the potential to cause drift.</p> <p>made when stems are wet with rain, snow or ice.</p>	<p>Las siguientes precauciones especiales deben ser tenidas en cuenta durante los periodos de clima riguroso:</p> <p>durante lluvias, o inmediatamente antes o inmediatamente después de las mismas, cuando escorrentías pueden esperarse.</p> <p>las condiciones de viento o de niebla pudieran causar que el rocío quede a la deriva.</p> <p>deben realizarse cuando los tallos están húmedos por lluvia, nieve o hielo.</p>
BMP 35	<p>Herbicide Buffer Width from Stream, Wetland, or Other Sensitive Habitat Ancho de la zona de protección desde arroyos, pantanos u otros hábitats sensibles</p> <p>No buffer requirement No se requiere zona de protección</p> <p>25 feet 25 pies</p> <p>200 feet 200 pies</p>	<p>Herbicide designation or usage Uso o designación del herbicida</p> <p>Approved for aquatic use Aprobado para uso acuático</p> <p>Not approved for aquatic use No aprobado para uso acuático</p> <p>Mixing, Loading, Cleaning Mezclado, Carga, Limpieza</p>



Best Management Practices Mejores Prácticas de Gestión

TD-7102P-01-JA01
Effective: 03/14/2019, Rev: 0
Manejo de la vegetación
cercana a líneas eléctricas
Fecha de entrada en vigencia:
03/14/2019, Rev: 0

Best Management Practices
Mejores Prácticas de Gestión

Mechanical Clearing Operations BMPs BMPs Relativas a Operaciones de Remoción Mecánica		
BMP #	ENGLISH	SPANISH
BMP 36	Mechanical clearing equipment must not be used to clear vegetation within 10 feet of towers, poles or guy wires. Only handheld tools such as chainsaws and weed eaters may be used in these areas.	No se debe usar equipos mecánicos de remoción de vegetación dentro de un radio de 10 pies de torres, de postes o de cables de amarre. Solo herramientas de mano como sierras a cadena y cortador de malezas, pueden ser utilizadas en estas áreas.
BMP 37	Contractor must flag guy wires 200 feet ahead of working an area, using bright colored flagging, and a minimum of three flags per wire.	El contratista debe señalizar los cables de amarre a 200 pies por delante del área de trabajo, usando señales de colores vivos, con un mínimo de tres señales por cable.
BMP 38	During fire season contractor must have a water source containing a minimum of 300 gallons of water and 250 feet of 1-inch hose on site at all times during operation. The water source must either be self-propelled or always attached to a vehicle capable of moving it to where it is needed. Where access/terrain allows, within 500 feet of the mowing/cutting operation. Excess water must be disposed of in accordance with all laws and regulations.	Durante la temporada de incendio el contratista debe tener en el lugar de trabajo y en todo momento, una reserva de agua de por lo menos 300 galones y una manguera de 250 pies de longitud por 1 pulgada de diámetro. La fuente de agua debe poseer motorización propia o estar siempre acoplada a un vehículo capaz de trasladarse a donde sea necesario. Donde el acceso/terreno lo permita, la fuente de agua del contratista debe estar siempre dentro de un radio de 500 pies de la operación de siega/tala. El exceso de agua debe ser desechado de acuerdo a todas las leyes y regulaciones vigentes.
BMP 39	Mechanical clearing equipment must have at least one 5 lb. or more Class ABC fire extinguisher with current inspection tag mounted in the cab and accessible by the operator.	Los equipos de remoción mecánicos deben tener al menos un extintor de fuego Clase ABC de 5 libras o más con su correspondiente tarjeta de inspección vigente, y debe estar montado en la cabina de forma accesible al operador.



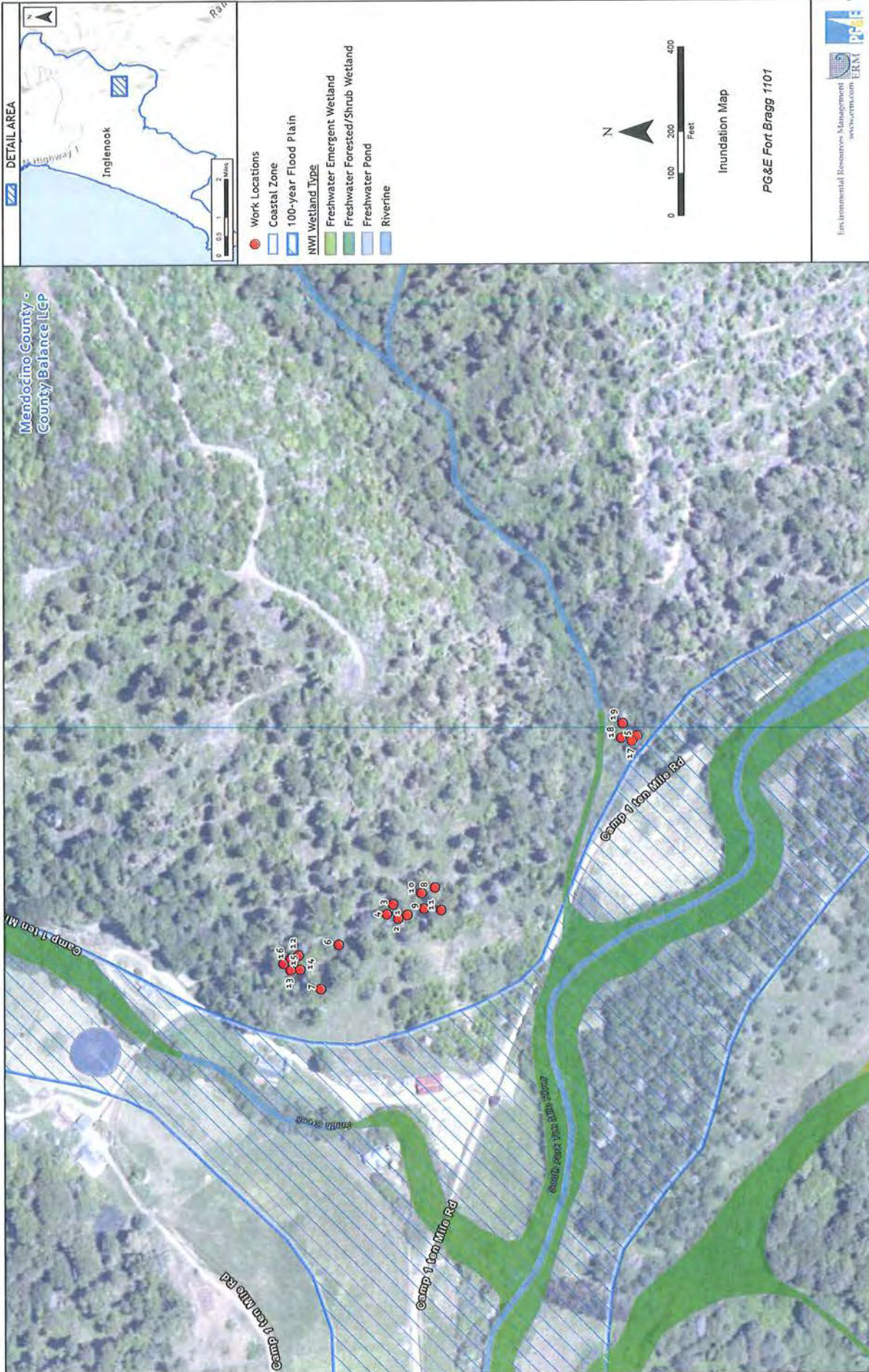
**Best Management Practices
Mejores Prácticas de Gestión**

TD-7102P-01-JA01
Effective: 03/14/2019, Rev: 0
Manejo de la vegetación
cercana a líneas eléctricas
Fecha de entrada en vigencia:
03/14/2019, Rev: 0

Best Management Practices
Mejores Prácticas de Gestión

Mechanical Clearing Operations BMPs BMPs Relativas a Operaciones de Remoción Mecánica		
BMP #	ENGLISH	SPANISH
BMP 40	<p>During fire season or High Fire Hazard levels contractor must stay on site for a minimum of ½ hour after mechanical clearing operations end for the day to ensure fire safety. During extreme fire levels an additional support person must be dedicated to follow the equipment with a water type back pump and fire line tool. During extreme fire levels mechanical clearing will be limited to the hours of 5:00 AM to 12:30 PM.</p>	<p>Durante la temporada de incendios o de niveles de Peligro Alto de Incendio, el contratista debe permanecer en el lugar de trabajo por lo menos durante media hora después de haber efectuado la última operación de remoción mecánica del día para asegurarse que no existan riesgos de incendio. Cuando se alcancen niveles extremos de riesgo de incendio una persona de soporte adicional debe ser asignada para que siga a los equipos con una de bomba de agua tipo mochila y con herramientas para contención de fuego. Durante niveles de riesgo de incendio extremos, las operaciones de remoción deben limitarse al horario de 5:00 AM a 12:30 PM.</p>
BMP 41	<p>Watercourse protection zones must be marked with brightly colored flagging prior to the start of any mechanical clearing or timber operation. Water classes are defined by the California Forest Practice Rules: 14 CCR 916.5. The following watercourse protection zone widths must be maintained at all times, except on existing roadways:</p> <p>30%---</p> <p>30%---</p> <p style="text-align: right;">---No heavy</p> <p>Protection zones may be increased in areas with steep slopes or highly erodible soils.</p>	<p>Las zonas de protección de cursos de agua deben ser marcadas con señales de colores vivos previo al comienzo de cualquier operación de remoción mecánica y de talado. Los cursos de agua están definidos por el reglamento 14 CCR 916.5 de las Prácticas Forestales de California. Se deberán mantener en todo momento las siguientes dimensiones de zona de protección a cursos de agua:</p> <p>pendiente <30%---Sin equipo pesado, dentro de 50 pies</p> <p>pendiente >30%---in equipo pesado, dentro de 75 pies</p> <p style="text-align: right;">---Sin equipo pesado, dentro de 25 pies</p> <p>Las zonas de protección deben ser incrementadas en áreas con pendientes mayores o con suelos altamente erosionables.</p>

Attachment 5: Inundation Map



Attachment 6: Plant Survey and Map

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Memo

To	Nick Burton
From	Michele Barlow
Date	10 June 2020
Reference	PN 0546108
Subject	Plant Survey – Fort Bragg 1101 Vegetation Removal



At the request of PG&E, Kimber Corwin (ERM senior biologist) conducted a survey of plants and habitat for special status-plants at Camp 1 Ten Mile Road in Fort Bragg (approximate GPS coordinates 39.52543° N, -123.72683° W) on 22 April 2020. This work was conducted in preparation for the removal of 19 trees distributed within six work locations. The goal of the survey was to identify any rare plant species in the work locations and develop a map of habitats present.

A 100-foot buffer was applied around the trees slated for removal, creating two survey areas: Areas 1 and 2. After the survey was completed, it was determined that the location coordinates for three of the 19 trees were incorrect. Each tree location was offset by approximately 50-feet or less, and the revised locations fell west of Survey Area 2 by approximately 25 to 50 feet. A desktop review of the revised locations for the three trees was conducted to determine if the habitat was significantly different from that of the originally surveyed tree locations. The habitat in the revised work areas is very similar to that in Area 2, and it is unlikely that there are different plant species at the unsurveyed work areas adjacent to Area 2.

The attached Figure shows the locations of the two areas originally surveyed and the revised work locations.

1. SURVEY RESULTS

The habitats identified during the survey are shown on Figure 1. As seen on that figure, both survey areas include primarily conifer forest. In addition to conifer forest, Area 1 includes forested riparian habitat surrounding a perennial stream. In addition to conifer forest, Area 2 includes small areas of shrub associated with the existing powerline and a small mowed area.

The survey resulted in identification of a total of 48 vascular plant species. None of the observed species are Federally Endangered, Threatened, or a Candidate (FE, FT, FC), State Endangered, Threatened, Candidate for Endangered, or Candidate for Threatened (SE, ST, SCE, SCT). Table 1 lists all plant species observed within the two survey areas and the rank assigned to each species by the California Native Plant Society (CNPS). The CNPS Inventory of Rare and Endangered Plants is a resource that guides rare plant protection, conservation planning, and land acquisition and management in California¹.

¹ California Native Plant Society, Rare Plant Program. 2020. Inventory of Rare and Endangered Plants of California (online edition, v8-03 0.39). Website <http://www.rareplants.cnps.org> [accessed 29 April 2020]

ERM

10 June 2020
PN 0546108
Page 2 of 3

Two of the observed species, leafy miterwort (*Mitella caulescens*) and stream side spring beauty (*Claytonia parviflora* ssp. *parviflora*), are classified as 4.2 by the CNPS, with a rank of 4 and threat level of 0.2. A rank of 4 indicates species that are on the "watch list" and of limited distribution or infrequent throughout a broader area in California, and which should be monitored regularly. A threat level of 0.2 indicates a moderate level of threat in California (CNPS 2020). Both species were observed in the riparian habitat of Survey Area 1.

2. RECOMMENDATIONS

Based on the habitats and plant species present in the tree work areas, ERM recommends the following:

- Report occurrences of CNPS 4.2 ranked plants (leafy miterwort and stream side spring beauty) to the California Natural Diversity Database (CNDDDB). This is not required; however, this would show a good faith effort on PG&E's part to protect and conserve CNPS ranked plants.
- Standard avoidance and minimization measures (AMMs) and best management practices (BMPs) should be sufficiently protective of habitats and plant species. Therefore monitoring, flagging, or additional measures beyond the standard AMMs and BMPs are not needed in Area 1 or 2.

Table 1: Vascular Plants Observed in Survey Areas 1 and 2

Species	CNPS ¹ Status	Area 1	Area 2
Annual Vascular Plants			
Bull thistle, <i>Cirsium vulgare</i>	NR	Yes	Yes
Common vetch, <i>Vicia saliva</i>	NR	No	Yes
Great horsetail, <i>Equisetum telmateia</i> subsp. <i>braunii</i>	NR	Yes	Yes
Mountain strawberry, <i>Fragaria virginiana</i>	NR	No	Yes
Purple deadnettle, <i>Lamium purpurem</i>	NR	No	Yes
Scarlet pimpernel, <i>Lysimachia arvensis</i>	NR	No	Yes
Perennial Vascular Plants			
Arroyo willow, <i>Salix lasiolepis</i>	NR	Yes	No
Baltic rush, <i>Juncus balticus</i>	NR	Yes	No
Bracken fern, <i>Pteridium aquilinum</i>	NR	No	Yes
Buck brush, <i>Ceanothus cuneatus</i> var. <i>cuneatus</i>	NR	No	Yes
California alder, <i>Alnus rhombifolia</i>	NR	Yes	Yes
California bay, <i>Umbellularia californica</i>	NR	Yes	Yes
California fetid adderstongue, <i>Scoliopus bigelovii</i>	NR	Yes	Yes
California swordfern, <i>Polystichum munitum</i>	NR	Yes	No
Deerbrush, <i>Ceanothus integerrimus</i>	NR	No	Yes
Bedstraw, <i>Galium triflorum</i>	NR	Yes	No

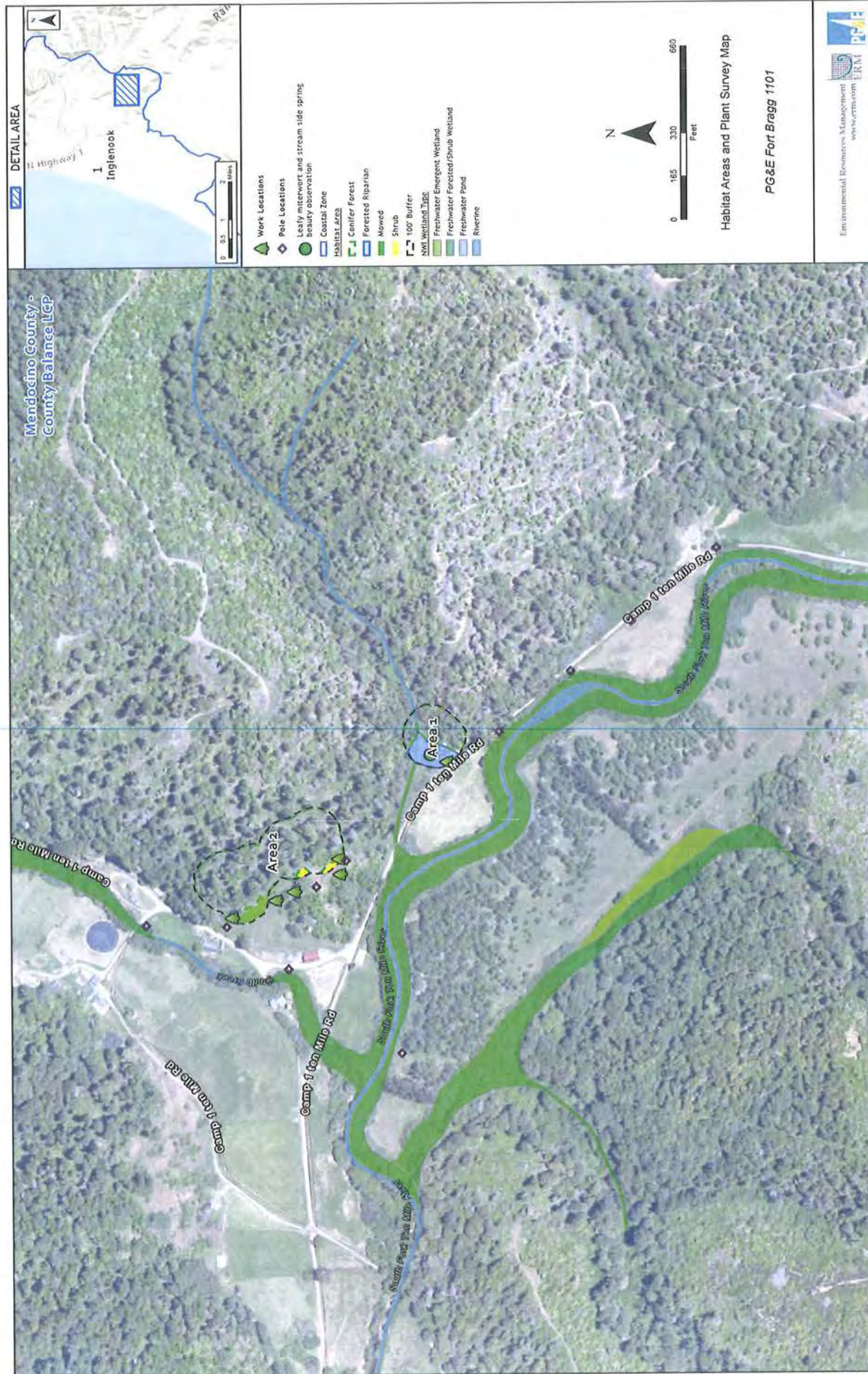
ERM	10 June 2020 PN 0546108 Page 3 of 3
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Species	CNPS ¹ Status	Area 1	Area 2
California polypody, <i>Polypodium californicum</i>	NR	Yes	No
California redwood, <i>Sequoia sempervirens</i>	NR	Yes	Yes
Cow parsnip, <i>Heracleum maximum</i>	NR	Yes	No
Douglas fir, <i>Pseudotsuga menziesii</i> var. <i>menziesii</i>	NR	Yes	Yes
English ivy, <i>Hedera helix</i>	NR	No	Yes
English plantain, <i>Plantago lanceolata</i>	NR	No	Yes
Hairy Ceanothus, <i>Ceanothus oliganthus</i>	NR	No	Yes
Himalayan blackberry, <i>Rubus armeniacus</i>	NR	Yes	Yes
Horehound, <i>Marrubium vulgare</i>	NR	Yes	Yes
Large false Solomon's seal, <i>Maianthemum racemosum</i>	NR	Yes	No
Leafy miterwort, <i>Mitella caulescens</i>	4.2	Yes	No
Long-tailed ginger, <i>Asarum caudatum</i>	NR	Yes	No
Narrowleaf swordfern, <i>Polystichum imbricans</i>	NR	Yes	No
Oregon ash, <i>Fraxinus latifolia</i>	NR	Yes	Yes
Oregon iris, <i>Iris tenax</i>	NR	Yes	No
Pacific sorrel, <i>Oxalis oregana</i>	NR	Yes	Yes
Pacific bleeding heart, <i>Dicentra formosa</i>	NR	Yes	No
Pacific trillium, <i>Trillium ovatum</i>	NR	Yes	Yes
Pacific waterleaf, <i>Hydrophyllum tenuipes</i>	NR	Yes	No
Panicled bulrush, <i>Scirpus microcarpus</i>	NR	Yes	No
Periwinkle, <i>Vinca major</i>	NR	No	Yes
Poison oak, <i>Toxicodendron diversilobum</i>	NR	Yes	Yes
Red elderberry, <i>Sambucus racemosa</i> var. <i>racemosa</i>	NR	Yes	No
Star Solomon's seal, <i>Maianthemum stellatum</i>	NR	Yes	No
Stinging nettle, <i>Urtica dioica</i>	NR	Yes	Yes
Stream side spring beauty, <i>Claytonia parviflora</i> ssp. <i>parviflora</i>	4.2	Yes	Yes
Stream violet, <i>Viola glabella</i>	NR	No	Yes
Swamp gooseberry, <i>Ribes lacustre</i>	NR	Yes	Yes
Thimbleberry, <i>Rubus parviflorus</i>	NR	Yes	Yes
Water sedge, <i>Carex aquatilis</i>	NR	Yes	No
Western hemlock, <i>Tsuga heterophylla</i>	NR	Yes	Yes
Youth-on-age, <i>Tolmiea menziesii</i>	NR	Yes	No

¹ CNPS = California Native Plant Society

Note: NR = No Rank. Rank 4.2 indicates plants with a limited distribution or infrequent throughout a broader area in California, and their status should be monitored regularly, and having a Moderate Threat.

Plant Program. 2020. Inventory of Rare and Endangered Plants of California (online edition, v8-03 0.39). Website <http://www.rareplants.cnps.org> [accessed 29 April 2020].



Attachment 7: Mitigation Proposal

Fort Bragg 1101 Mitigation Proposal

In Partnership with Save the Redwoods League

"Cape Vizcaino Forest Restoration Project"

This Mitigation proposal is to offset impact due to vegetation removals along the Ft Bragg 1101 distribution line on Camp 2 10 Mile Rd in Mendocino County. The scope of work includes the removal of 19 trees which is classified as a "Major Vegetation Removal" per MCC Sec. 20.308.080. The species list is as follows: 3 Bay Trees, 5 Douglas Fir, 9 Grand Fir, 1 Spruce, 1 Redwood are planned to be removed. All trees are class R2 (12.1 - 23.9 DBH). No brush removal or grading will occur as part of the vegetation management. The area is considered an Environmentally Sensitive Habitat Area (ESHA) and there is potential for impact to the ESHA; therefore PG&E is required to provide a mitigation plan. These 19 trees are dispersed across approximately 1000' of hillside adjacent to 12kv high voltage lines. 1000' will be the baseline measurement to determine a mitigation proposal. Based on this linear distance and approximate canopy width of 25' we have determined that the impact is approximately equivalent to roughly 27,075 square feet (ft²) or .62 acres. To be consistent with previous Coastal Zone permits, we'll use a 5:1 ratio and round up to 1 acre. Therefore, 5 acres of mitigation is needed for the tree removals. PG&E proposes to partner with Save the Redwoods League and help fund an existing active project. Based on the ratios above, PG&E would provide funding to treat 5 acres of forest land restoration. In discussions with Save the Redwoods League (League), the project summary is as follows:

Project Description:

The Cape Vizcaino Forest Restoration Project (the Project) proposes to increase forest resilience and enhance land protection and stewardship of this 401-acre property, which includes more than 1.5 miles of coastline, wetlands, grassy meadows, and forestlands containing old-growth redwoods and grand fir. Forest resilience will be accomplished through reducing stand density to promote growth of remaining trees and understory vegetation, enhancing habitat for multiple sensitive species. The subject property shapes the massive landform known as Cape Vizcaino—the predominant feature of the coastline, visible for many miles (see attached Map). As an offshore feature, Vizcaino Rock is part of the California Coastal National Monument and is owned and administered by the Bureau of Land Management (BLM). The Project will provide the following benefits: 1) reduce the risk of catastrophic fire potentially impacting the property's mixed conifer forest as well as the nearby Sinkyone Wilderness State Park and adjacent Mendocino Redwoods Company lands; 2) protect the integrity of the South Fork Eel River and Usal Creek watersheds; 3) support habitat values for coho salmon, marbled murrelet, northern spotted owl, and southern torrent salamander, among others; and 4) support the League's vision of developing the property as a recreational and educational resource.

Located within the South Fork Eel River and Usal Creek watersheds, the 401-acre property consists of coastal ridgeline, chaparral, grasslands, and second growth and old growth grand fir, douglas-fir, redwood, and hardwood forests. The property is home to a particularly superlative old growth grand fir tree known as the Octopus Tree due to its gnarly and twisted trunk-sized limbs (photo included below). Save the Redwoods League currently owns the subject property and seeks funds to promote the

development of late seral redwood and mixed-species forest habitat. The proposed Project will help implement the goals and prescriptions of conservation land management plans. Pending success with this request, the League will immediately begin utilizing density-reducing silvicultural prescriptions where appropriate. These prescriptions would allow for accelerated development of late seral conditions by reducing the number of trees per acre and transferring the per acre growth onto fewer, larger trees across the matrix of the property. Removal of the excess smaller diameter trees also functions to reduce the horizontal and vertical continuity of forest fuels, thereby reducing the risk of catastrophic fire.

Restoration thinning across the forested areas of the property would supplement a pilot restoration thinning of 7-acres in 2010 as well as the more recently completed 36-acre fuel break established along the ridgelines of the property. The fuel break project cost \$108,000 and was supported by a \$52,000 funding contract with the Natural Resources Conservation Service under the Environmental Quality Incentives Program. To further break down costs, the league estimates that it is approximately \$3,000 per acre to perform the treatments. PG&E will fund this project in the amount of \$15,000.

Goals and Activities

The Project will utilize a mix of silvicultural prescriptions as tools to affect the transition of forests to more natural conditions. These prescriptions would allow for accelerated sequestration of atmospheric carbon and the development of late seral conditions by reallocating growing space into the growth of selected larger trees across the matrix of the property. Removal of the excess smaller diameter trees also functions to reduce the horizontal and vertical continuity of forest fuels. These treatments will significantly reduce the existing fuel load and promote the growth of the more prominent and healthy trees, including grand fir. There are grand fir trees throughout the property. Most notably – the grand fir stand surrounding the Octopus Tree pictured below is 10 acres in size.

Project Benefits

In addition to the specific benefits mentioned above, the Project will provide multiple benefits:

1. Protect ecological values: With the characteristics present on the property, habitat is available for a broad number of sensitive species of fauna. With both open scrub and prairie land to heavily timbered areas, the property supports habitat for raptors ranging from the northern spotted owl to golden eagles. Habitat for sensitive mammals such as the Pacific fisher, Point Arena mountain beaver, red tree vole or Sonoma tree vole is also present. Managing this property to achieve a more robust and functioning ecosystem will create an ecologically functional area of restored forest able to support sensitive old-growth species such as marbled murrelet.

2. Protect recreational values: The location and topography of this parcel offer tremendous vistas and view sheds. These range from ocean views to timbered canyon landscapes. These aesthetic attributes offer recreational opportunities in a broad variety of ways. There is a trail loop that can be walked from the middle meadow to the southern property boundary that is scenic and passes through or by many visual amenities, including coastal meadows, an osprey nest, older forest, and legacy trees.

3. Protect cultural values: The property contains several documented pre-historic sites. With the proximity to the Pacific Ocean, benches and trending ridges in this location were prone to frequent use by early Native Americans. Three archaeological sites have been recorded on the property.

4. Protect educational values: Cape Vizcaino is an exceptional property with the potential to provide high-quality educational and outdoor recreational opportunities. While the League owns numerous properties, most of them have constraints that preclude the development of educational and outdoor recreational facilities where we can showcase the potential connections and educational opportunities with the redwoods. This property is unique in that we own it outright with no public money or partners that can wield influence over the vision or the outcome. We are developing a vision for an on-site facility suitable for research and education.

This project will provide an overall benefit to species present and the surrounding community in the area and can have immediate measurable results. The benefits from this partnership will go beyond simply planting trees to offset an impact. This will benefit an ecosystem and will have a favorable impact to offset the removal of 19 trees.





**SAVE THE REDWOODS
CAPE VIZCAINO
PG&E Grand Fir Mitigation**

 Cape Vizcaino Boundary  Grand Fir Restoration Area (5.0 acres)

0 410 820 1,640 Feet

Plotted Scale 1 : 9,120
1 inch = 760 feet



Attachment 8:

Site Erosion Control Plan

Vegetation Management-Fuel Reduction

Activity Specific Erosion and Sediment Control Plan (A-ESCP)



For questions or concerns, please contact your assigned PG&E Environmental Lead identified in the ERTC.

Prepared by:
PG&E Construction Stormwater Group

October 30, 2018
Version 1.2



1.0 Vegetation Management Fuel Reduction and Water Quality

This A-ESCP is implemented by the PG&E Vegetation Management Program to support PG&E's commitment to reduce wildfire risk by modifying fuels underneath and adjacent to overhead primary voltage powerlines in CPUC designated High Fire Threat Districts (HFTD). The Fuel Reduction Program is intended to reduce the spread and intensity of fires associated with PG&E assets, improve access to facilities for first responders, improve asset protection in the event of a wildfire and improve public safety by contributing to defensible space and lengthening and connecting to existing fuel breaks within communities.

All PG&E Project Teams, Crews, and Subcontractors are **required** to be familiar with the information within this A-ESCP

GOAL: Prevent the discharge of pollutants, including sediment, and the contamination of soil during vegetation management and fuel reduction activities.



Stop Work and contact the PG&E Environmental Lead if work near surface waters (creeks, streams, drainages, rivers, wetlands, etc.) is required.

If specific environmental concerns are encountered, or if the procedures contained within this A-ESCP prove ineffective, contact the Environmental Lead.

Vegetation management can impact water quality. Several work activities of concern include:

- **Overland Access**
- **Debris Management**
- **Skidding**
- **Staging/Laydown Areas**
- **Site Stabilization**



Plan for Success. Monitor the forecast and schedule activities accordingly. Observe and minimize impact to drainages and concentrated run-off paths. Strategically determine material, equipment, waste, fueling, storage and maintenance locations for areas of least potential impact.

2.0 Vegetation Management Fuel Reduction Procedures

Vegetation Management Fuel Reduction practices apply to all PG&E projects throughout the year. Employees and Contractors shall follow Best Management Practices (BMPs) to protect storm water runoff from vegetation management associated materials and/or pollutants as laid out in this Vegetation Management Fuel Reduction Activity Specific Erosion and Sediment Control Plan (A-ESCP).

Minimum Best Management Practices (BMPs) to reduce Environmental Impacts during Vegetation Fuel Management Activities:

Minimum BMPs during Vegetation Fuel Management Activities	
1	Monitor the weather and Maintain an adequate buffer from drainages, watercourses, and flowlines. Minimize or avoid work during intense or extended storms including those that produce run-off from the work area. Implement appropriate Erosion Control, Sediment Control, and Run-off Control BMPs.
2	Fuel and maintain vehicles and equipment in a proper, designated area located at least 50 ft away from downstream drainage facilities and watercourses.
3	Remove debris in a manner that prevents it from entering sensitive areas.
4	When needed, and in the steeper areas, use sediment controls to prevent sediment and/or debris from leaving the work area. Sediment controls should be placed on contour, every five 5 feet of elevation change. Please contact the assigned Water SME to schedule a site visit to prepare recommendations for sediment control BMPs.
5	Avoid skidding, operating equipment, and driving on saturated soil or mud. These practices tend to create rutting and further exacerbate soil saturation and instability. If rutting is observed, stop work in the area and repair rutting with smaller equipment such as skid steers or by hand when weather allows.
6	For constructed access routes, minimize soil exposure and compaction to protect ground vegetation and the duff layer.
7	Locate portable toilets away from drainages and inlets (50 ft if possible). Toilets must include a containment tray.
8	Have spill kits within reach during activities with potential to release pollutants, such as vehicle and equipment fueling and maintenance.
9	When possible, buck logs onsite to minimize need for skidding material.
10	Avoid skidding across seasonal waterways and riparian areas.
11	Regrade areas to match original line and grade as needed.

Sediment Control Examples: Fiber Roll, Silt Fence, and Vegetative Debris Berm.

Erosion Control Examples: Native Wood Mulch, Weed Free Straw Mulch, Hydraulic Mulch, Tackifier, Biodegradable/Natural Fiber Rolled Blanket, Plastic Sheeting, and Rolled Filter Fabric.

Run-off Control Examples: Gravel Bags, Check Dams, and Sediment Traps.

2.1 Good Housekeeping

Good Housekeeping includes Best Management Practices (BMPs) to minimize contact of potential pollutants with stormwater, discharge of pollutants to storm drains or surface water, and the contamination of soils at all project sites.

All PG&E Projects, Crews, and Subcontractors are required to be familiar with and follow, at a minimum, housekeeping and stockpile management standards as detailed in the Good Housekeeping A-ESCP and Stockpile Management A-ESCP prior to starting work. Should site personnel be unfamiliar with the requirements for Good Housekeeping or Stockpile Management, PG&E expects that they will obtain a copy of the A-ESCPs which are available on SharePoint. Good Housekeeping and Stockpile Management A-ESCP requirements may apply to all activities within this Plan, and therefore are not mentioned in each subsection.

Requirements: (Avoidance and Minimization Measures)

Good Housekeeping must take place at every job location and year-round.

- Use effective BMPs to reduce or prevent pollutants in all water discharges.
- Store hazardous liquids, wastes, and all chemicals in watertight containers with appropriate secondary containment to prevent any spillage or leakage, or in a completely enclosed storage shed.
- Properly locate, secure, and maintain sanitation facilities which includes providing a spill/leak tray.
- Cover waste disposal containers at the end of each day and prior to and during precipitation.
- Keep spill cleanup kits on-site with fueling and maintenance vehicles, and accessible at all times. Train all personnel on the location, use, and contents of the spill kit(s). If safe, stop and clean spills (with absorbents) immediately. Do not wash the spill with water. Notify the Environmental Lead and project foreman. Dispose of materials properly and cover the spill or contaminated area prior to precipitation.
- Properly maintain vehicles, clean leaks immediately, and dispose of materials properly. Fuel and maintain vehicles and equipment in a proper, designated area located at least 50 ft away from downstream drainage facilities and watercourses. Monitor the area regularly.
- Control dust and other airborne pollutants and respond quickly to airborne pollutant observation. Provide a water truck if there is potential for dust and cover or wet stockpiles that have potential for wind erosion.
- Upon completion, remove temporary, non-biodegradable BMPs and equipment from the site.



A-ESCP – Vegeta
October

3

Clear debris, construction materials, and contaminants and return drainage ways to their pre-construction line and grade. Cover disturbed soil areas with a combination of temporary and permanent vegetative stabilization measures.

2.2 Overland Access

Requirements: (Avoidance and Minimization Measures)

- Vehicles and equipment must use pavement, established access routes and previously disturbed areas to the extent practicable.
- Inspect roads frequently during all operations.
 - Restrict use if road damage such as unacceptable surface displacement or rutting is occurring.
- Limit or eliminate vehicle tracking of sediment onto paved roadways.
- Avoid vehicle and equipment travel on saturated soil or mud if possible.
- For constructed access routes, minimize soil exposure and compaction to protect ground vegetation and the duff layer.
- Stabilize soils where steep slopes, erodible soils, or high traffic volume increases the potential for erosion by installing sediment controls and/or erosion controls.
- Repair roads and access routes at end of work activity to original line and grade or better.
- Avoid use of tracked equipment outside of work area and use low pressure, wide tire equipment when possible.
- Additional practices, such as rock slope protection, gabion structures, or other practices to stabilize the access may be required for new roads. Fill slopes must be properly keyed into underlying soils at the toe of the slope, properly compacted, track walked, and treated with a combination of erosion and sediment control.



2.3 Debris Management

Requirements: (Avoidance and Minimization Measures)

- Keep debris a minimum of 50' from streams, wetlands, ditches, drainage courses, and storm drain inlets. If space is limited to less than 50', provide additional diversion or protection adjacent to the waterway.
- Remove debris in a manner that prevents it from entering streams,



A-ESCP – Vegetation
October 30

- wetlands, ditches, drainage courses, and storm drain inlets.
- When needed, and in the steeper areas, use sediment controls to prevent sediment and/or debris from leaving the work area.

2.4 Skidding

Requirements: (Avoidance and Minimization Measures)

- Whenever possible, winch logs up steep slopes if conventional skidding could cause erosion.
- Use existing skid trails if they provide the best access.
- Where possible, keep grade of skid trail less than 15%.
- Limit the length and quantity of skid trails.
- Regrade areas to match original line and grade as needed.
- Fill in ruts with mulch and install sediment control BMPs on steep slopes.
- Stabilize exposed soils with wood chips, mulch or similar.
- When possible, buck logs onsite to minimize need for skidding material.
- Avoid skidding across seasonal waterways and riparian areas.
- Break up the surface water flow length of large skid trails to avoid erosion and creating channelized flows.
- When skidding is completed, or ongoing if for more than one week, all disturbed areas must be inspected to ensure that soils are properly stabilized, BMPs are in place, and there is no potential for erosion or water quality impacts.



2.5 Staging Areas

Requirements: (Avoidance and Minimization Measures)

- Perimeter controls must be installed around stockpiles (may include earthen berms, straw wattles, or silt fence)
- Locate stockpiles away from drainage systems such as swales and drainage inlets
- Maintain an adequate supply of BMP materials on site before rain events! At a minimum, the materials should include fiber rolls, gravel bags, and plastic sheeting.
- Locate portable toilets away from drainages and inlets (50 ft if possible). Toilet must include a containment tray.
- Provide a tray to contain spills and minor leaks from vehicles, equipment, or materials.

5

- Have Spill Kit within reach during activities with potential to release pollutants, such as vehicle and equipment fueling and maintenance.
- Allow only properly maintained vehicles and equipment onto the site.
- Place all equipment and vehicles, which are to be fueled, maintained, or stored, in a designated area fitted with appropriate BMPs.
- Stockpile protection must take place year-round.
- Properly dispose of all solid and liquid waste.

2.6 Site Stabilization

Requirements: (Restoration Measures)

- Upon completion of work, stabilize all project related disturbed soils to return the area to pre-project condition or equivalent which may include gravel/rock, wood mulch straw mulch, natural fiber/biodegradable rolled blanket, and/or seeding.
- Return existing roads to pre-project line and grade or better and equivalent level of stabilization or better (compaction and/or gravel).



- Cover all project related disturbed soil areas with temporary cover (mulch or blanket). Additionally, implement a means to establish permanent vegetative stabilization (seed, fertilizer, soil amendments, ripping/soil aeration, etc.) in areas that are not subject to continuous soil cover establishment via droppings from tree canopy
- Remove all equipment, material, and waste.
- Install biodegradable fiber rolls and blankets to protect against any transport of sediment offsite or to environmentally sensitive areas.

3.0 TROUBLESHOOTING

Contact the Environmental Lead if any of the following conditions occur:

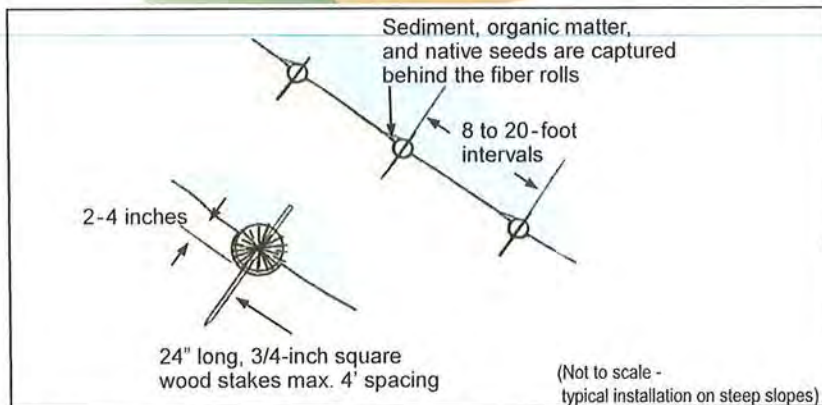
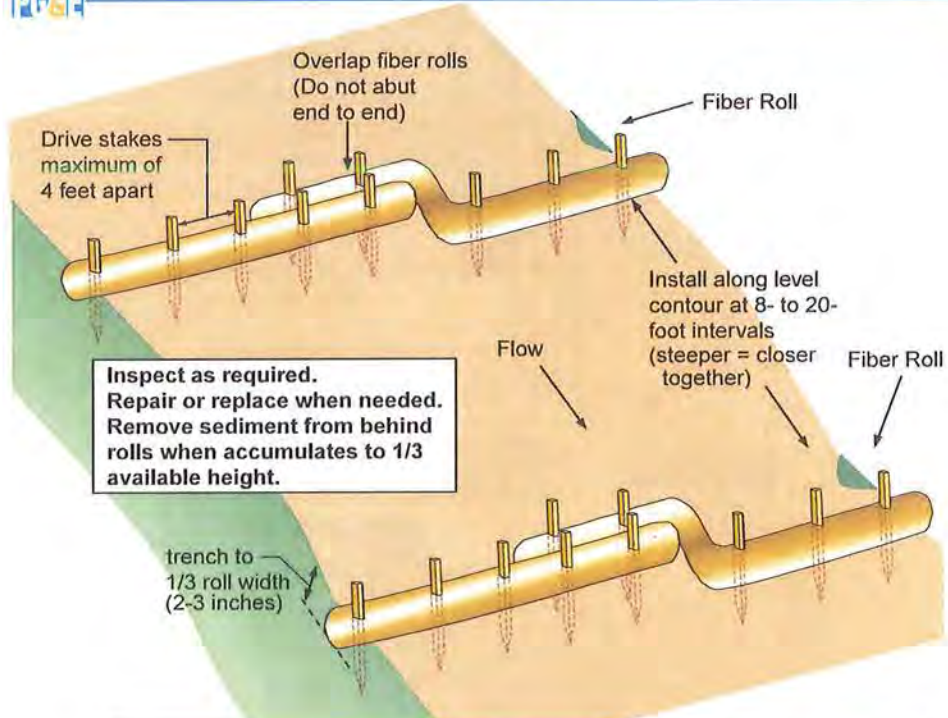
- Visually cloudy/muddy water is observed leaving the work or staging area;
- Observed sheen, discoloration, foam, odor, or other pollutant indicator;
- Hazardous substance(s) is/are discharged or spilled; or
- There is potential for a non-visible or any other pollutant discharge.

After hours, call: (800) 874-4043.

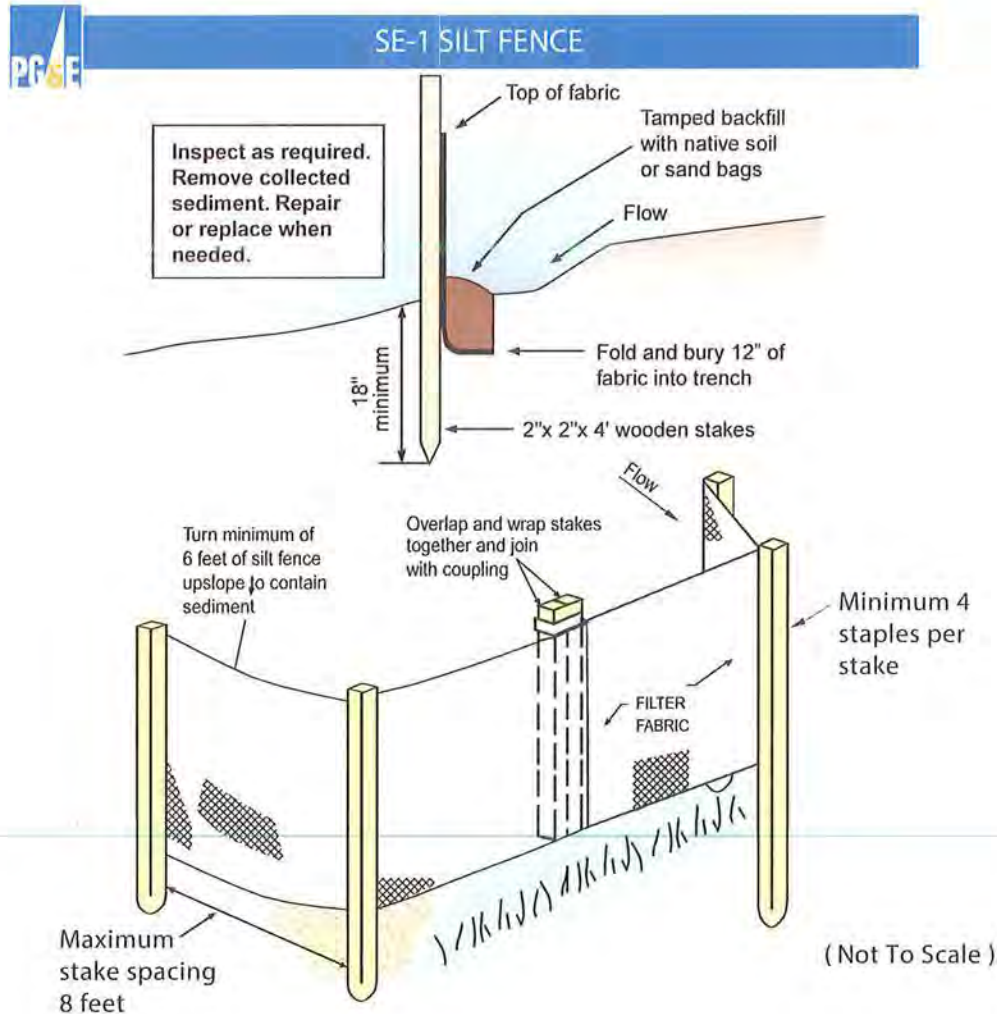
If the project receives a written notice or order from any regulatory agency, immediately contact your Environmental Lead for further direction.

Troubleshooting Guide	
Field Condition	Common Solutions Are:
Liquid pollutants on-site	Store in watertight container with appropriate secondary containment or in a fully enclosed storage shed. Maintain spill kit.
Observed spill	Contain spill and clean up contaminants and contaminated soil. Properly dispose of waste. Maintain spill kits on-site.
Potential for tracking to paved surfaces	Install stabilized entrances and implement street sweeping.
Portable toilets	Locate away from drainages, provide a tray to contain spills and minor leaks, protect from tipping, and service regularly.
Waste generated on-site	Provide waste receptacle (dumpster) adequate in size. Cover all waste containers at end of each day and prior to rain events.
Vehicles and equipment stored on-site	Maintain vehicles and equipment in good working condition. Perform fueling and maintenance activities only in areas fitted with appropriate BMPs. Maintain spill kits in case of spill.
Dust and airborne pollutants	Control all sources of airborne pollutants including trash. Apply water to keep soil moist and reduce any potential for dust.
Rain is in the forecast	Deploy applicable erosion, sediment, and run-off controls. Avoid work near drainages, water courses, and flow lines. Minimize work during heavy or extended rain, especially if there is run-off. Avoid driving or operating on saturated surfaces.
Work is complete	Return the site to pre-project conditions or equivalent. Cover soil that was exposed by the project with BMPs that can be left permanently (no plastic).

PG&E SE-5 FIBER ROLLS



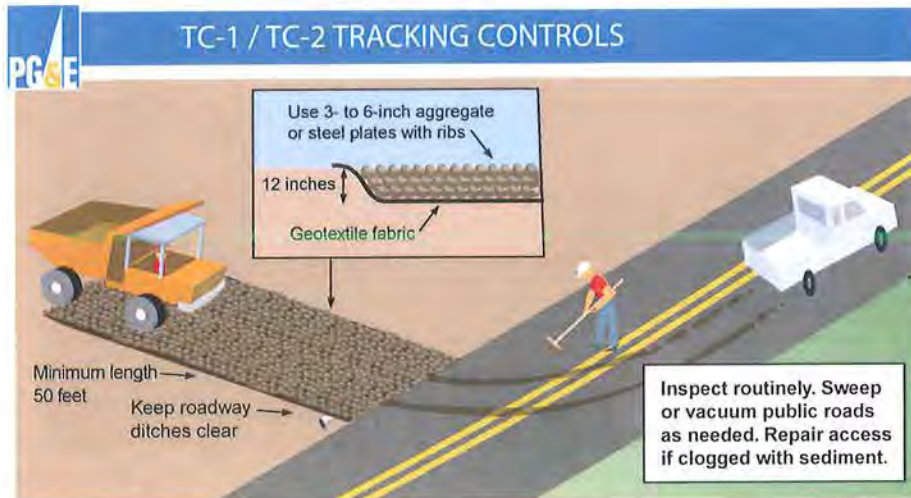
- Install where soil has been exposed on slopes, around stockpiles or along perimeter of work area.
- On slopes space as follows:
 - Slope inclination of 4:1 (H:V) or fatter: Max. interval of 20 ft.
 - Slope inclination between 4:1 and 2:1 (H:V): Max. interval of 15 ft.
 - Slope inclination 2:1 (H:V) or greater: Max. interval of 10 ft.
- Flat areas should not have fiber rolls installed as sediment control, but as perimeter control if needed.
- Bio fiber rolls are typically left in place. If removed, collect and dispose of fiber roll and use accumulated sediment to fill and compact trenches.



- Install along a level contour, water should not flow along length of fence.
- Length of slope draining to silt fence should not exceed 200 ft.
- Turn ends of silt fence 6 feet uphill to prevent storm water from flowing around the fence.
- Require continuous maintenance during construction, and complete removal after.
- Should not be utilized in areas of high wind or water velocity, or in areas where maintenance access in muddy conditions could be problematic.
- Excavate trench approximately 6 in. wide and 6 in. deep along the line of the proposed silt fence. Key in the bottom of the silt fence a minimum of 12 in.
- When joints are necessary, geotextile should be spliced together only at a support post, with a minimum 6" overlap.
- Construct silt fences with a set back of at least 3 ft from the toe of the slope.
- Construct the length of each reach so that the change in base elevation along the reach does not exceed 1/3 of the height of barrier; in no case should the reach exceed 500 ft.



- Use storm drain inlet protection where drains receive construction runoff.
- Install some version even if the inlet is not functional or still under construction.
- Use gravel bag berms to slow runoff to drain and trap sediment.
- In paved areas leave front of drain open to street to handle large flows. Do not cover drain inlet.
- Inspect regularly for functionality and remove accumulated sediment behind berm when build-up is visible.
- Construct such that ponding does not occur on sidewalks or erodible surfaces.



(Not to scale)

- Control the number of points where vehicles can leave the site.
- On loose soil, construct stabilized entrance consisting of 3-to-6 inch aggregate.
- Daily and prior to any rain, remove any sediment or other construction activity-related materials deposited on paved roads by vacuuming or sweeping. Do not use water to wash down paved surface!
- After sweeping is finished, properly dispose of sweeper wastes at an approved dumpsite.



Protection of stockpiles is a year-round requirement addressing wind and water erosion potential. To properly manage stockpiles:

- Cover with plastic sheeting or filter fabric and surround with gravel bag berm, silt fence, or fiber roll when not actively using.
- Place stockpiles a minimum of 50 feet away from concentrated flows of storm water, drainage courses, and inlets.
- All stockpiles are required to be protected if not in use. If crews are actively adding to or removing from stockpiles, they must protect them if the chance of rain is 50% or greater.
- Secure plastic covering well and check frequently for damage and replace if needed.



Pacific Gas and Electric Company

Pre-Rain Inspection Form

Accelerated Wildfire Rapid Response

General Information:	
Location:	
Date:	City and Zip:
Forecast % Chance of Rain:	Date Rain Forecast:
Site Stormwater Manager Information:	
Name:	Company:
Emergency Phone Number (24/7):	
Erosion and Sediment Control Contractor Information:	
Name:	Company:
Emergency Phone Number (24/7):	
Current Phase(s) of Work:	
<i>Check ALL boxes that apply to the site.</i>	
<input type="checkbox"/> Vegetation Management Work in Progress	<input type="checkbox"/> Vegetation Management Work Complete
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
Activities Associated with Current Phase:	
<i>Check ALL boxes that apply to the site.</i>	
<input type="checkbox"/> Overland Access	<input type="checkbox"/> Material Staging
<input type="checkbox"/> Vegetation Removal	<input type="checkbox"/> Site Stabilization
<input type="checkbox"/> Skidding	<input type="checkbox"/> Mobilization
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Inspector Information	
Inspector's Name:	Company:
Inspector's Title:	Signature:



Pre-Rain Inspection Form

Accelerated Wildfire Rapid Response

Predicted Rain Event Triggered Actions:				
Inspection Items	Completed?			Notes / Action Items
	Yes	No	N/A	
Inform personnel of predicted rain.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Check scheduled activities and reschedule as needed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Alert erosion/sediment control provider.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Schedule extended rain inspections.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Check Erosion/Sediment Control material stock.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fuel, oil, etc. is contained/under cover.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Trash/waste is in containers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Trash/waste containers are covered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Portable toilets have spill trays.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Portable toilets are protected from tipping.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Skidding, operating, driving as stopped.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ruts and tracks have been repaired.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Areas returned to original line and grade.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sheet flow length is minimized.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Perimeter control around stockpiles.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Leaks, spills, and drips are cleaned up.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Necessary sediment controls are installed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Soil is covered.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Surface waters are protected.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
No tracking on paved roadways.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Vehicles/equipment are maintained.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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Attachment 9: **Cultural Constraints Summary**



Cultural Constraints Summary

Project Name: Fort Bragg 1101 Reconductor – Tree Removal	Date of Preparation: June 4, 2020
Line of Business: Electric Distribution	Order Number: 31334291
Prepared For: Bronwynn Lloyd, Pacific Gas and Electric Company (PG&E), Senior Cultural Resource Specialist	Prepared By: Serah Timm, AECOM, Cultural Resources Specialist
Summary	
<p>AECOM conducted a desktop review for the Fort Bragg 1101 Reconductor – Tree Removal project (Project) on the Fort Bragg 1101 electric distribution line, located on private land approximately 1.62 mile east of the unincorporated community of Inglenook in Mendocino County. This review was completed to supplement the cultural analysis previously conducted for the Fort Bragg 1101 Reconductor Project (Timm 2018), and only addresses the cultural sensitivity of the vegetation management activities associated with the Project. A review of records search results via Far Western Anthropological Research Group, Inc., a review of PG&E's GIS database, historic topographic maps and aerial photographs, and published archaeological literature were utilized for this analysis.</p> <p>PG&E proposes to remove approximately 19 hazard tree units under or adjacent to the Fort Bragg 1101 overhead distribution line, located in Inglenook, Mendocino County (see also Tree Activity Table). This vegetation management work is associated with the maintenance of PG&E infrastructure. Tools for vegetation removal will include chain saws, pole pruners, trimmers, and weed whackers.</p> <p>Approximately 70 percent of the API has been previously surveyed. No previously recorded cultural resources were identified within the API. Four cultural resources were identified within 0.25 mile of the API; of these, one is a protohistoric Native American site, and three are historic-era resources associated with historic lumber activities in the area. Three cultural resources studies were previously conducted within the API, and seven cultural resources studies were previously conducted within 0.25 mile of the API.</p> <p>The vegetation management activities planned for this Project will involve little to no ground disturbance. Based on the sensitivity assessment above, there is a low to moderate risk to impact prehistoric resources and a low risk to impact historic-era resources within the API. The cultural resources protection measures provided below and in the Cultural Resources Awareness and Response Brochure shall be followed if any previously unidentified archaeological resources or human remains are encountered during project implementation.</p>	
Cultural Resource Protection Measures	
<ol style="list-style-type: none"> 1. Inadvertent Discovery Protocol 2. Human Remains Protocol 3. Cultural resources awareness and response training must be provided. A field engineer, construction supervisor, or an environmental field services (EFS) person is required to read the Cultural Resources: Awareness and Response brochure to the construction crew of the electric distribution project prior to the start of ground disturbance. 	
Inadvertent Discovery	
<p>If any confirmed or suspected cultural resources are located during project activities stop all work in the vicinity of the discovery, secure the location and immediately notify a PG&E Cultural Resources Specialist. Archaeological and historic-period resources in the region may include:</p> <ul style="list-style-type: none"> ▪ Archeological materials: flaked stone tools (projectile point, biface, scraper, etc.) and debitage (flakes) made of chert, obsidian, etc., groundstone milling tools and fragments (mortar, pestle, handstone, millstone, etc.), faunal bones, fire-affected rock, dark middens, housepit depressions and human interments. ▪ Historic-era resources: may include, but are not limited to, small cemeteries or burial plots, cut (square) nails, containers or miscellaneous hardware, glass fragments, cans with soldered seams or tops, ceramic or stoneware objects or fragments, milled or split lumber, earthworks, feature or structure remains and trash dumps. 	



Human Remains

<p>Section 7050.5 of the California Health and Safety Code (CHSC) states that it is a misdemeanor to knowingly disturb a human burial. In keeping with the provisions provided in 7050.5 CHSC and Public Resource Code 5097.98, if human remains are encountered (or are suspected) during any project-related activity:</p>
--

- | |
|--|
| <ul style="list-style-type: none"> ▪ Stop all work within 100 feet; ▪ Immediately contact a PG&E Cultural Resource Specialist (CRS), who will notify the county coroner; ▪ Secure location, but do not touch or remove remains and associated artifacts; ▪ Do not remove associated spoils or pick through them; ▪ Record the location and keep notes of all calls and events; and ▪ Treat the find as confidential and do not publicly disclose the location. |
|--|

<p>Upon discovery of cultural resources or suspected human remains, contact the following individual immediately who shall implement Utility Procedure ENV-8005P-01:</p>

<p>PG&E CRS: Bronwynn Lloyd (B1LQ@pge.com)</p>

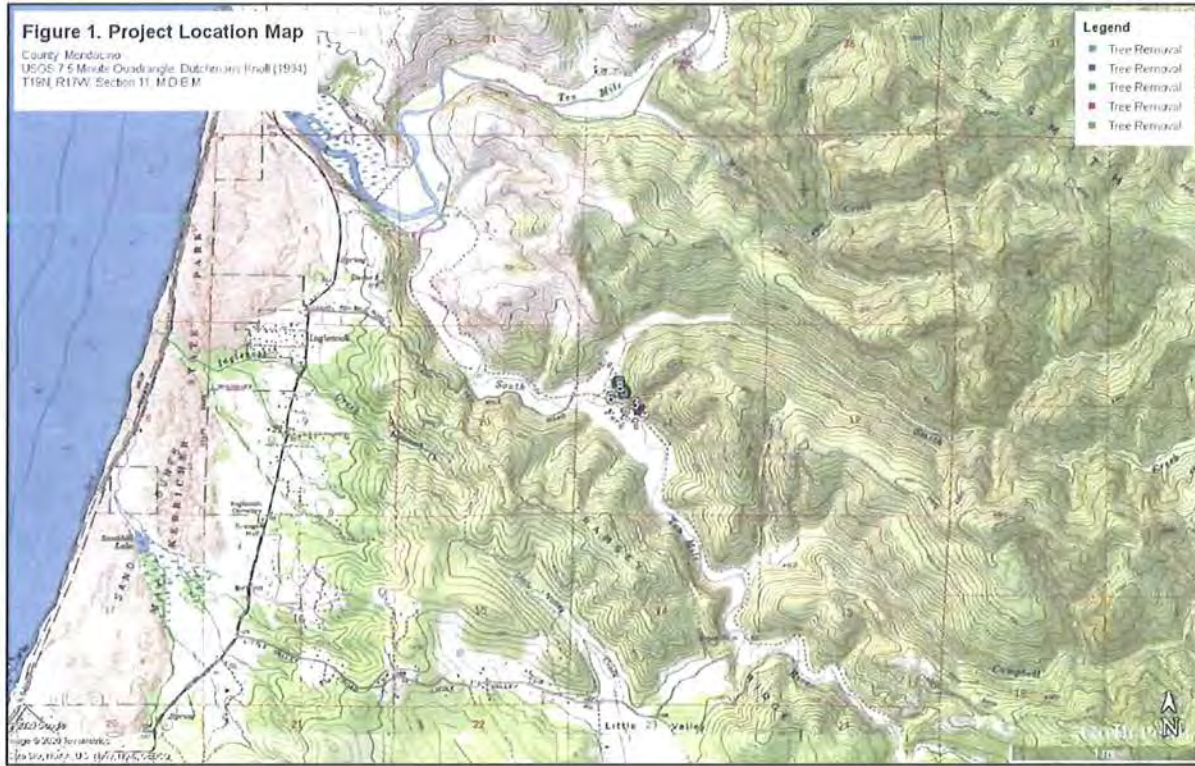
<p>Cell: 925-327-9659</p>

Attachments

- | |
|--------------------------------|
| <p>1. Project Location Map</p> |
|--------------------------------|



Attachment 1: Project Vicinity Map



Attachment 10:

PG&E Easement (Proof of legal interest in the property)

By: *M. B. Gray*
52-6070A 6-18-10M

*Do not record
this*

WA 1239-N 1640-50

B-4135-2

2419-17-0078

Penalties may exceed \$1000.00

MARGARET C., GRAY, a widow

hereinafter called first party, does hereby grant to PACIFIC GAS AND ELECTRIC COMPANY, a California corporation, hereinafter called second party, its successors and assigns, the right to erect, maintain, replace, remove and use a line of poles with all necessary and proper crossarms, braces, anchors, guys and other appliances and fixtures for use in connection therewith, and to suspend therefrom, maintain and use such wires as second party shall from time to time deem necessary for the transmission and distribution of electric energy, together with a right of way along said line of poles, over and across those certain premises,

situate in the County of Mendocino, State of California, which are described as follows:

That portion of section 11, township 19 north, range 17 west, M. D. B. & M., conveyed by Arthur J. Gray to Margaret C. Gray by deed dated October 19, 1931 and recorded in the office of the County Recorder of said Mendocino County in Liber 72 of Official Records at page 436.

The route of said line of poles across said premises shall be as follows:

As delineated in red upon the print of sheet no. 2 of second party's drawing B 4135 attached hereto and made a part hereof.

Said right includes the trimming by second party of any trees along said poles and wires whenever considered necessary for the complete enjoyment thereof.

IN WITNESS WHEREOF first party has executed these presents this 17th day of

August 1949

Margaret C. Gray

Executed in the presence of:

C. H. Carbit
Witness

PREPARED *ABW*
CHECKED *ABW*

AUG 10 1949 223

STATE OF CALIFORNIA, } ss.
County of Sonoma }

On this 17th day of August, in the year one thousand nine hundred and forty-nine,
before me, WM. E. HOPPER, a Notary Public in and for Sonoma County, State of Cali-
fornia, residing therein, duly commissioned and sworn, personally appeared
C. H. CORBET

known to me to be the person whose name is subscribed to the within instrument as witness thereto,
who, being by me duly sworn, deposed and said: That he resides in the
County of Sonoma, State of California, that he was present and saw
MARGARET C. GRAY
(personally known to him to be the person described
in, and who executed the said within instrument as part of thereto.) sign, seal and deliver the same; that the said
MARGARET C. GRAY

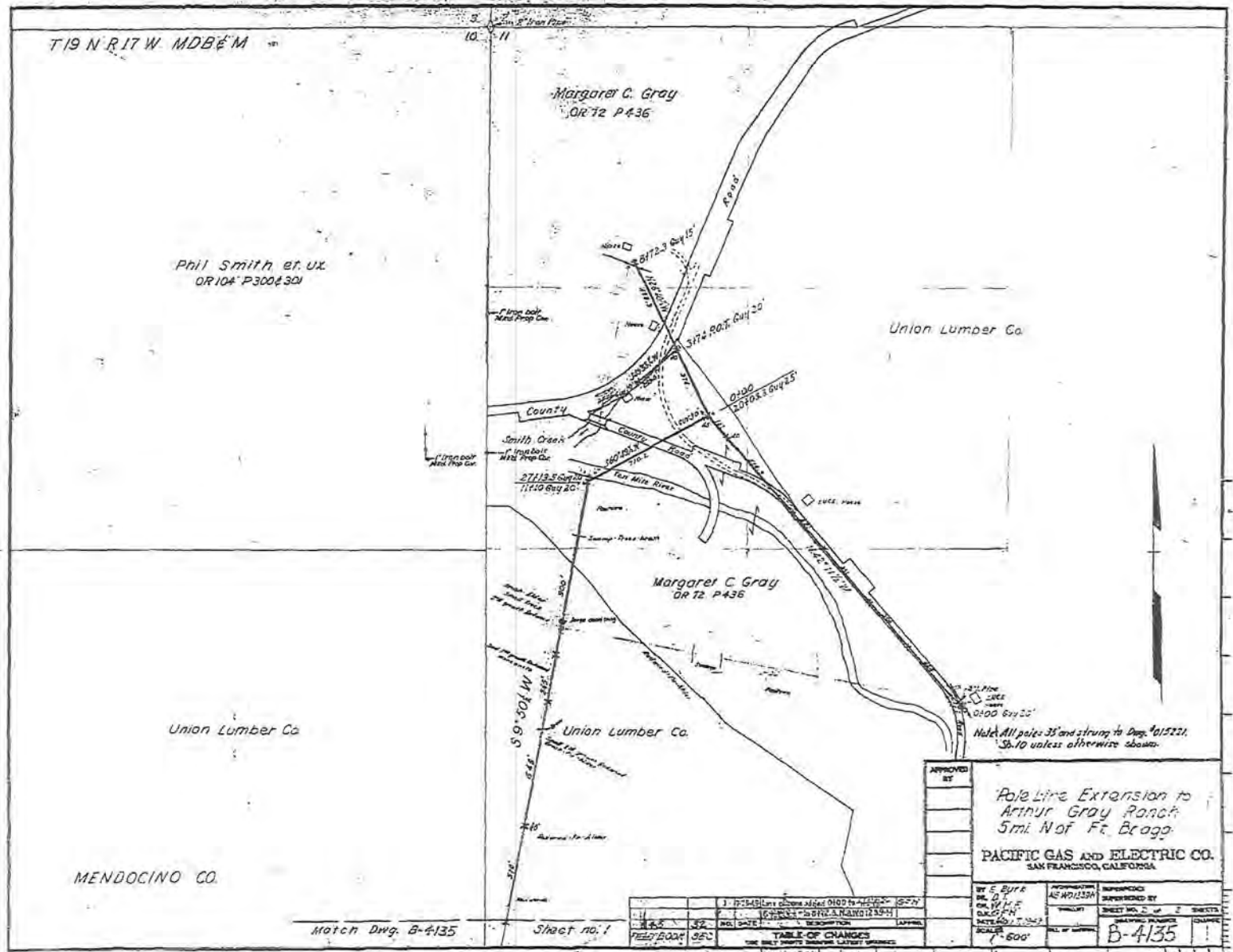
duly acknowledged in the presence of said affiant, that SHE executed the same
and that he, the said affiant, thereupon, and at the request of said, MARGARET C. GRAY
MARGARET C. GRAY, subscribed his name as witness thereto.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my
office in said County and State, the day and year in this certificate first above written,



My commission expires 4/14/52

Notary Public in and for Sonoma County, State of California.



Attachment 13:

Cal Fire Utility Exemption



DEPARTMENT OF FORESTRY AND FIRE PROTECTION
NORTHERN REGION HEADQUARTERS - SANTA ROSA
135 Ridgway Avenue
Santa Rosa, CA, 95401
(707) 576-2959
Website: www.fire.ca.gov



June 25, 2020

Pacific Gas & Electric Co C/O Alley Goldman
111 STONY CIRCLE DR
SANTA ROSA, CA 95401

Public / Private Utility Right-of-Way
No: 1-20EX-01010-MEN

Letter of Acceptance

This letter acknowledges acceptance of your "Notice of Exemption" per **Title 14, California Code of Regulations, Section 1104.1(b)&(c)** from plan preparation and submission requirements (PRC 4581) for the construction and maintenance of a right-of-way for a public agency or a private utility.

This Exemption EXPIRES June 22, 2021. Timber operations shall comply with all other applicable provisions of the Z'berg-Nejedly Forest Practice Act and regulations of the Board of Forestry. Refer to the full regulatory requirements addressing conversion exemptions listed in Title 14 Code of Regulations (CCR) 1104.1(b)&(c). Note: Operations during the winter period require winter operation plans.

Other Agency Considerations:

- **Regional Water Quality Control Boards** (Regional Boards) regulate waste discharges from timber harvest activities. The Regional Boards may have special requirements for timber harvesting conducted under this exemption. Please contact your local Regional Water Control Board with any questions regarding compliance with the California Water Code.
- **Department of Fish and Wildlife** (DFW) may require notification if the timber operations will substantially divert or obstruct the natural flow of, or substantially change or use any material from the bed, channel, or bank of any river, stream, or lake. Information on the Lake and Streambed Alteration Program and other DFW programs can be found at the following internet address: <https://www.wildlife.ca.gov/Conservation/Environmental-Review>

On-site inspection will be conducted by local CAL FIRE Unit Forest Practice Inspectors to evaluate compliance with all the provisions of the Forest Practice Act and Rules. For questions regarding the above referenced exemption please contact the appropriate regional office listed above or contact the local CAL FIRE Unit for your County.

Sincerely,

Dominik Schwab, RPF #2823
Resource Manager – Coast

cc: Unit, BOE, TLO, TO, LTO, File

To view Exemption Notices, please visit: <https://caltreesplans.resources.ca.gov/caltrees/>

FOR ADMIN. USE ONLY

**PUBLIC AGENCY, PUBLIC AND PRIVATE UTILITY
RIGHT OF WAY
EXEMPTION
PG&E FORT BRAGG A 1101**

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION
NOTICE OF TIMBER OPERATIONS THAT ARE EXEMPT FROM
CONVERSION AND TIMBER HARVESTING PLAN REQUIREMENTS
RM-73 (1104.1bc) 03/2018)

EX. # 1-20EX-01010-MEM
Date of Receipt JUN 22 2020
Date Validated by CAL FIRE _____
Date Expires _____

VALID FOR ONE YEAR FROM DATE RECEIPT BY CAL FIRE.

The Director of the Department of Forestry and Fire Protection (CAL FIRE) is hereby notified of timber operations under the requirements of 14 CCR § 1104.1(b) or (c): Harvesting of trees in order to construct or maintain a right of way by a public agency, public or private utility that is exempt from the requirements to obtain a Timberland Conversion Permit or file a Timber Harvesting Plan. This notice is not required nor should it be submitted if timber is not sold, bartered or traded for commercial purposes by the timber owner. The timber owner shall complete Items 1 through 6 of this notice and sign below.

1. LICENSED TIMBER OPERATOR(S): Name Wilhelm LLC Lic. No. A012181
Address 120 Stony Point Road Suite 260
City Santa Rosa State CA Zip 95401 Phone 916-660-2736

2. TIMBERLAND OWNER(S) OF RECORD: Name See Attached Spreadsheet
Address _____
City _____ State _____ Zip _____ Phone _____

3. TIMBER OWNER(S) OF RECORD: Name Pacific Gas & Electric Veg Mgt C/O Steven Fischer
Address 6111 Bollinger Canyon Rd
City San Ramon State CA Zip 94583 Phone 415-725-1471

4. PUBLIC AGENCY, PUBLIC OR PRIVATE UTILITY REMOVING TREES:
Name Pacific Gas and Electric C/O April Kennedy
Address 1100 South 27th Street
City Richmond State CA Zip 94804 Phone 209-662-0082

5. CONTACT PERSON:
Name Alley Goldman
Address 111 Stony Circle
City Santa Rosa State CA Zip 95401 Phone 707-210-7972

RECEIVED
JUN 22 2020
CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION
RESOURCES MANAGEMENT

TIMBER TAX NOTICE: The TIMBER OWNER is responsible for payment of a yield tax.

For timber yield tax information or for assistance with these questions call 1-800-400-7115, or write: Timber Tax Section, MIC: 60, California Department of Tax and Fee Administration, P.O. Box 942879, Sacramento, CA 94279-0060; or see the CDTFA Web Page on the Internet <http://www.cdtfa.ca.gov>.

TIMBER TAX INFORMATION: Some small or low value harvests may be exempt from the timber yield tax (Revenue and Taxation Code sec. 38116)

Timber Owners may be considered exempt if the value of the harvesting operations does not exceed \$3,000 dollars within a quarter, according to CDTFA Harvest Value Schedules, Rule 1024.

IF THE TIMBER OWNER BELIEVES HARVESTING MAY BE EXEMPT (see timber tax exemption language above for low value harvests) PLEASE CHECK BELOW:

FINAL DETERMINATION of tax exempt status will be made by the Timber Tax Section of the California Department of Tax and Fees Administration. If you think you are exempt based on the directions above please complete the below information so the Timber Tax Section can make the final determination.

IF YOU WOULD LIKE CDTFA TIMBER TAX SECTION TO CONSIDER A TAX EXEMPTION BASED ON PROJECTED HARVEST PLEASE COMPLETE THE INFORMATION BELOW.

A. Circle the option that most closely estimates the total volume for this harvest, in thousands of board feet (mbf - Net Scribner short log):

Under 8 mbf 8-15 mbf 16-25 mbf Over 25 mbf

B. Estimate what percentage of timber will be removed during this harvest: (percentages provided should equal 100%)

Redwood 6 %; Ponderosa/Sugar pine _____ %; Douglas-fir 26 %; Fir 52 %;
Port-Orford Cedar _____ %; Cedar (IC, WRC) _____ %; Other conifer _____ %; Other hardwood 16 %.

C. Fuelwood over 150 cords? Yes _____ No X D. Christmas trees over 3,000 lineal feet? Yes _____ No X

5. 14 CCR § 1104.1 (i) - Is it anticipated that a tree existing before 1800 A.D. greater than 60 inches' diameter at stump height for Sierra or Coastal Redwoods or 48 inches in diameter at stump height for all other tree species will be harvested? YES NO (required)

NOTE: If yes please refer to 14 CCR § 1104.1(i) and have an RPF prepare an explanation and justification described in 14 CCR § 1104.1(i) to be included at Submission

6. Designate the legal land description of the location of the timber operation. Attach a USGS 7.5-minute quadrangle or equivalent map showing the location of timber operations, it would be helpful to describe the access route to the timber operation so that it can be easily located, and/or include an assessor's parcel map for small areas. (required)

Base Meridian	Township	Range	Section	County	Logging Area Acreage (Estimated)	Assessors Parcel # (Optional)
<u>See Attached</u>	_____	_____	_____	<u>MENDOCINO</u>	<u>10.2</u>	_____

RECEIVED
JUN 27 2020
CALIFORNIA DEPARTMENT OF TAX AND FEE ADMINISTRATION
TIMBER TAX SECTION

The following are limitations or requirements for timber operations conducted under a Utility Right-of-Way Exemption: (Notice, Notice of Conversion Exemption, Conversion Exemption):

1. Public Resources Code (PRC) Section 4628 and California Code of Regulations (CCR) Title 14 Section 1104.1(b) exempt public agencies from the requirement to file an application for timberland conversion (TLC) or a timber harvesting plan (THP) when they construct or maintain rights of way on their own property or that of another public agency. This exemption extends to easements over lands owned in fee by private parties. This exemption is not available for rights of way granted from one private landowner to another.
2. If the harvested trees are sold, bartered or traded for commercial purposes a timber operation has occurred per PRC Section 4527, and a notice of exemption is required to be filed by the timber owner. This is true if the timber is owned by the public agency, sold or given by the agency to another party, or the timber is owned by a private landowner subject to a public agency easement. A licensed timber operator is required in order to remove the harvested trees from the property. If the harvested trees are not sold, bartered or traded for commercial purposes, a notice of exemption is not required. The timber owner is responsible to pay all yield taxes for timber harvested. Timber yield tax information can be obtained from the State Board of Equalization, P.O. Box 94979, Sacramento, California 94279-0001.
3. 14 CCR § 1104.1(c) exempts public and private utilities from the TLC and the THP requirements for construction and maintenance of gas, water, sewer, oil, electric and communications rights of way. 14 CCR § 1104.1(d), (e), (f), and (g) contain specifications of allowable right of way widths and supplemental clearances. If the harvest is a timber operation per PRC § 4527, a notice of exemption is required to be filed by the timber owner. A licensed timber operator is required in order to remove the harvested trees from the property. If the harvested trees are not sold, bartered or traded for commercial purposes, a notice of exemption is not required. The timber owner is responsible to pay all yield taxes for timber harvested.
4. 14 CCR § 1104.1 requires that all timber operations conducted according to exemptions granted under this section abide by all operating regulations pertaining to a timber harvesting plan. There are special requirements for timber operations conducted in Coastal Commission Special Treatment Areas, the Tahoe Regional Planning Agency area, and in counties with special rules adopted by the Board of Forestry and Fire Protection. These rules should be reviewed prior to submitting this notice to CAL FIRE.
5. Timber operations shall comply with all other applicable provisions of the Forest Practice Act and regulations, county general plans, zoning ordinances, and any implementing ordinances; copies of the state rules and regulations may be found on CAL FIRE's Web Page on the Internet at <http://www.fire.ca.gov>.
6. All timber operations shall be complete within one year from the date of acceptance by CAL FIRE.
7. **In-lieu practices for watercourse and lake protection zones as specified under Article 6 of these rules, exceptions to the rules, and alternative practices are not allowed. 14 CCR § 1104.1(h)**
8. No timber operations shall be conducted until CAL FIRE's notice of acceptance is received and a valid copy of this notice and CAL FIRE's acceptance shall be kept on site during timber operations.
9. Operations conducted under a notice of exemption are NOT permitted in known sites of rare, candidate, threatened or endangered plants and animals if the sites will be disturbed or damaged. NO timber operations may occur within a buffer zone of a listed, or sensitive species defined by 14 CCR § 895.1
10. If any activities related to timber operations, as defined by PRC 4527, are to include any of the following activities in any river, stream or lake, including episodic and perennial waterways, a notification to the California Department Fish and Wildlife is required pursuant to Fish and Game Code §1602: 1) A substantial alteration of the bed, bank, or channel; 2) A substantial diversion (i.e. water drafting) or obstruction of the natural flow; or 3) Use of material from or deposit of material into the watercourse. Information on the Lake and Streambed Alteration Program, as well as notification forms, may be found at the following link: <https://www.wildlife.ca.gov/conservation/lisa>.
11. No Timber Operations are allowed on significant historical or archeological sites.

RECEIVED
JUN 27 2020
CAL FIRE
STATE OF CALIFORNIA

The following suggestions may help ensure your compliance with the Forest Practice Rules:

1. Timber Owners, Timberland Owners and Timber Operators should obtain and review copies of the Forest Practice Rules pertaining to the Notice of Exemption. Copies may be obtained from BARCLAYS LAW PUBLISHERS, P.O. BOX 3066, SO. SAN FRANCISCO, CA. 94080. or from CAL FIRE, Forest Practice Section, P.O. BOX 944246, Sacramento, CA 94244-2460; or from CAL FIRE's Web Page on the Internet at <http://www.fire.ca.gov>.
2. Contact the CAL FIRE office listed below for questions regarding the use of this notice.

FILE THIS NOTICE WITH THE CAL FIRE OFFICE BELOW FOR THE COUNTY IN WHICH THE OPERATION WILL OCCUR:

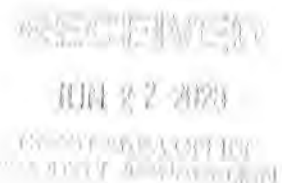
Alameda, Colusa, Contra Costa, Del Norte Humboldt, Lake, Marin, Mendocino, Napa, San Mateo, Santa Clara, Santa Cruz, Solano, Sonoma, western Trinity and Yolo Counties.	=> =>	Forest Practice Program Manager CAL FIRE 135 Ridgway Avenue Santa Rosa, CA 95401
Butte, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sutter, Tehama, eastern Trinity and Yuba Counties.	=> =>	Forest Practice Program Manager CAL FIRE 6105 Airport Road Redding, CA 96002
Alpine, Amador, Calaveras, El Dorado, Fresno, Imperial, Inyo, Kern, Los Angeles, Madera, Mariposa, Merced, Mono, Monterey, Orange, Riverside, San Benito, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Stanislaus, Tuolumne, Tulare, and Ventura Counties.	=> => =>	Forest Practice Program Manager CAL FIRE 1234 East Shaw Avenue

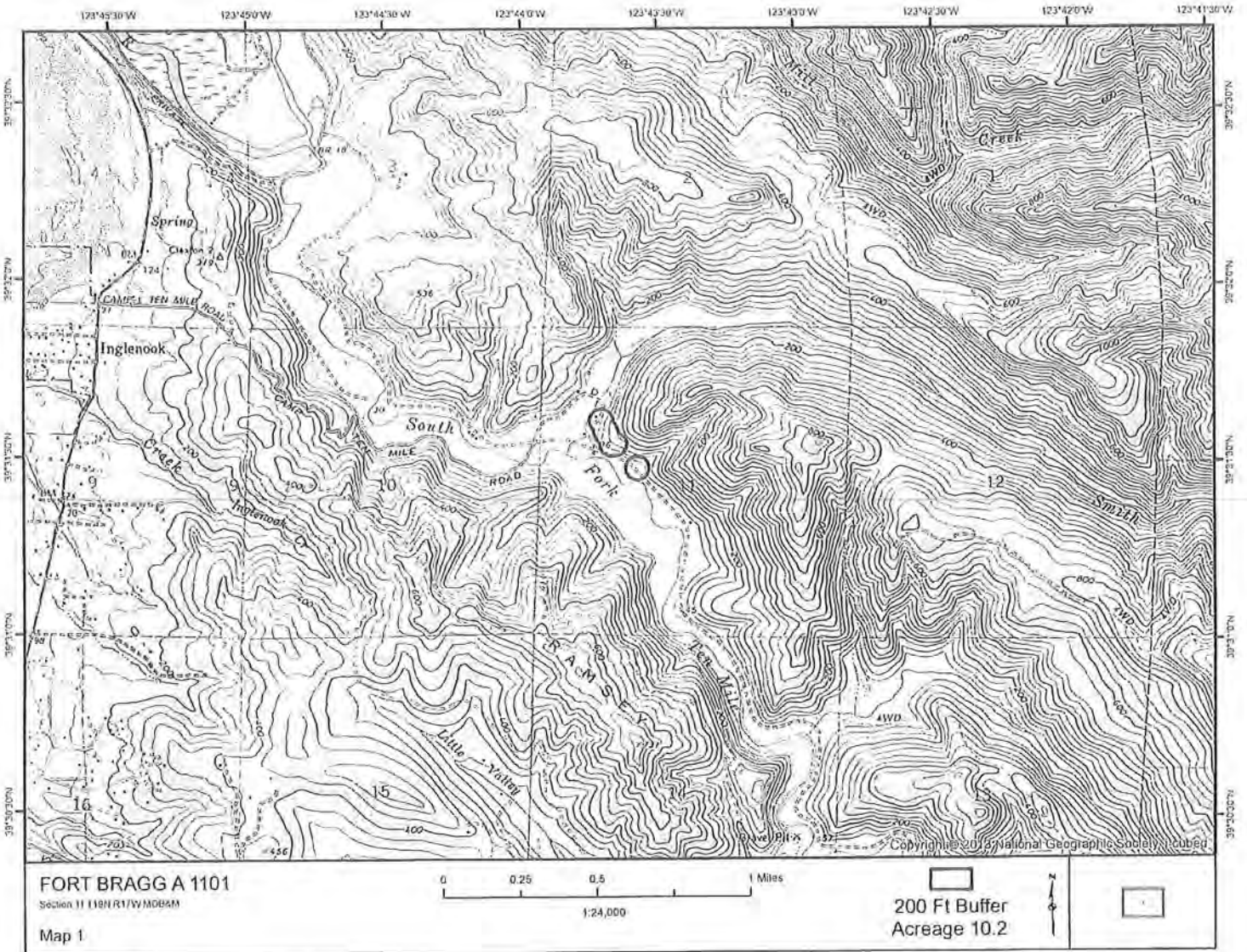
RECEIVED
JUN 22 2020
CAL FIRE - SACRAMENTO

**Public Agency, Public, and Private Utility Right of Way Exemption 1104.1(c)
Additional Information**

The following Utility Right of Way Exemption is being submitted as part of the Pacific Gas and Electric Company Enhanced Vegetation Management (EVM) program. Expanded conductor line clearance is being implemented in response to the emergency conditions which threaten public safety in the Tier 3 - Tier 1 areas of California as delineated by the CPUC High Fire Threat maps (<http://cpuc.ca.gov/FireThreatMaps/>). This program involves reducing fuels, cutting trees, portions of trees, and brush that are hazardous to the facilities; is determined to be incompatible vegetation, or meets the definition of "Danger Tree" per 14 CCR 895.1.

- Timber Operations shall comply with all applicable provisions of the Forest Practice Act and Regulations.
- Winter Operations - During the Winter Period (November 15 through April 1) per 914.7 (934.7, 95.7):
 - (c) In lieu of a winter period operating plan, the following measures apply:
 - (1) 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.
 - (2) Erosion control structures shall be installed on all constructed skid trails and tractor roads prior to the end of the day if the U.S. Weather Service forecast is a "chance" (30% or more) of rain before the next day, and prior to weekend or other shutdown periods.
 - (3) Site specific mitigation measures needed to comply with 14 CCR 914 [934, 954] for operations within the WLPZ and unstable areas during the winter period.
- WLPZ Operations – per 916.9 (936.9, 956.9)(s): Exemption Notices – No timber operations are allowed in a WLPZ, or within any ELZ or EEZ designated for watercourse or lake protection, under exemption notices except for:
 - 1) Hauling on existing roads.
 - 2) Road maintenance.
 - 3) Operations conducted for public safety
 - 4) Construction or reconstruction of approved watercourse crossings.
 - 5) Temporary crossings of dry Class III watercourses that do not require notification under Fish and Game code 1600 et seq.
 - 6) Harvesting recommended in writing by CDFW to address specifically identified forest conditions.
- If large old trees occur within the exemption area and are determined to be a hazard to safety or property an RPF or professionally certified arborist shall mark trees to be removed and an amendment shall be submitted disclosing the location along with an explanation and justification for the removal.





Division	Project Name	County	Owner	APN	Address	City	GIS Acres	Section	Township	Range	Meridian	Cal Fire Exemption Number
HUMBOLDT	FORT BRAGG A 1101	MENDOCINO	MILDRED 1 BLDG/DN	069-080-04-00	39.5249772901 -123.726008984	FORT BRAGG	0.38	11	19N	17W	MDB&M	
HUMBOLDT	FORT BRAGG A 1101	MENDOCINO	LYME REDWOOD TIMBERLANDS LLC 7	069-080-09-00	39.5255393856 -123.727270247	FORT BRAGG	1.21	11	19N	17W	MDB&M	
HUMBOLDT	FORT BRAGG A 1101	MENDOCINO	JAY GRAY	069-080-12-00	39.5259234011 -123.727774008	FORT BRAGG	4.12	11	19N	17W	MDB&M	
HUMBOLDT	FORT BRAGG A 1101	MENDOCINO	JAY GRAY	069-080-13-00	39.5243850476 -123.726318367	FORT BRAGG	0.92	11	19N	17W	MDB&M	
HUMBOLDT	FORT BRAGG A 1101	MENDOCINO	JAY GRAY	069-080-14-00	39.5240451055 -123.725966759	FORT BRAGG	0.03	11	19N	17W	MDB&M	
HUMBOLDT	FORT BRAGG A 1101	MENDOCINO	JAY GRAY	069-080-10-00	31000 CAMP ONE TEN MILE RD	FORT BRAGG	0.55	11	19N	17W	LJDB&M	
HUMBOLDT	FORT BRAGG A 1101	MENDOCINO	LYME REDWOOD TIMBERLANDS LLC 7	069-080-03-00	39.5258404962 -123.72681915	FORT BRAGG	2.99	11	19N	17W	MDB&M	

10.21

RECEIVED
JUN 22 2020
BOARD OF SUPERVISORS
RESOURCE MANAGEMENT

From: Britton, Kevin <K3BB@pge.com>
Sent: Monday, June 22, 2020 12:19 PM
To: Santa Rosa Review Team@CALFIRE
Subject: PG&E FORT BRAGG A 1101
Attachments: FORT_BRAGG_A_1101_CalTREES Utility ROW Exemption form.pdf

Warning: this message is from an external user and should be treated with caution.

Greetings Santa Rosa Review Team:

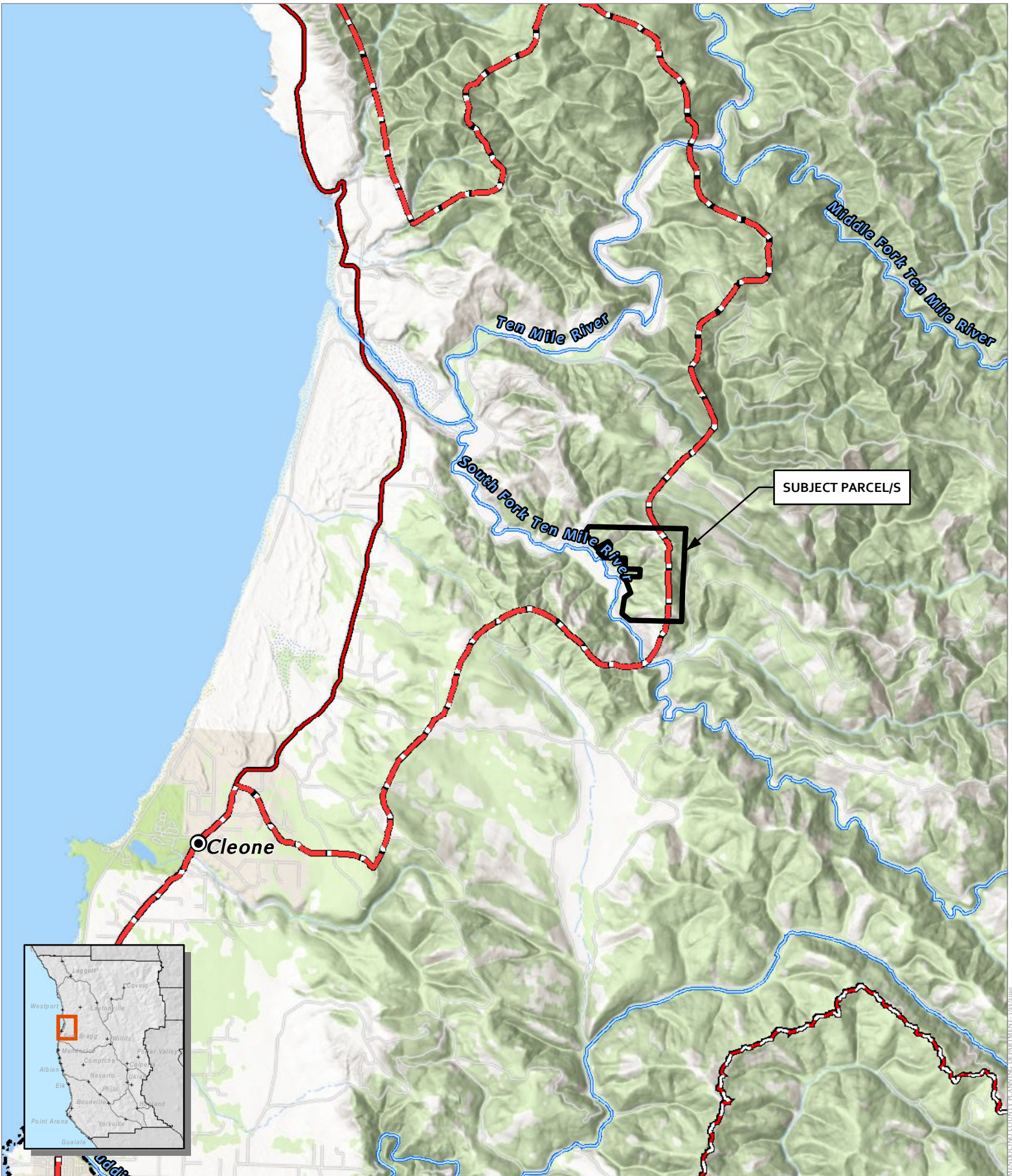
Attached is the 2020 FORT BRAGG A 1101 Public Agency, Public and Private Utility Right of Way Exemption package for submission.

Please let me know if you have any questions.

Best regards,
Kevin

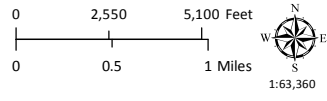
Kevin J. Britton
PG&E Contracted Project Manager-NRM
North Coast Resource Management
2501 North State Street
Ukiah, CA 95482
707-485-7211 ext 217
kbritton@ncrm.com
k3bb@pge.com

RECEIVED
JUN 22 2020
BOARD ADMINISTRATION
RESOURCE MANAGEMENT

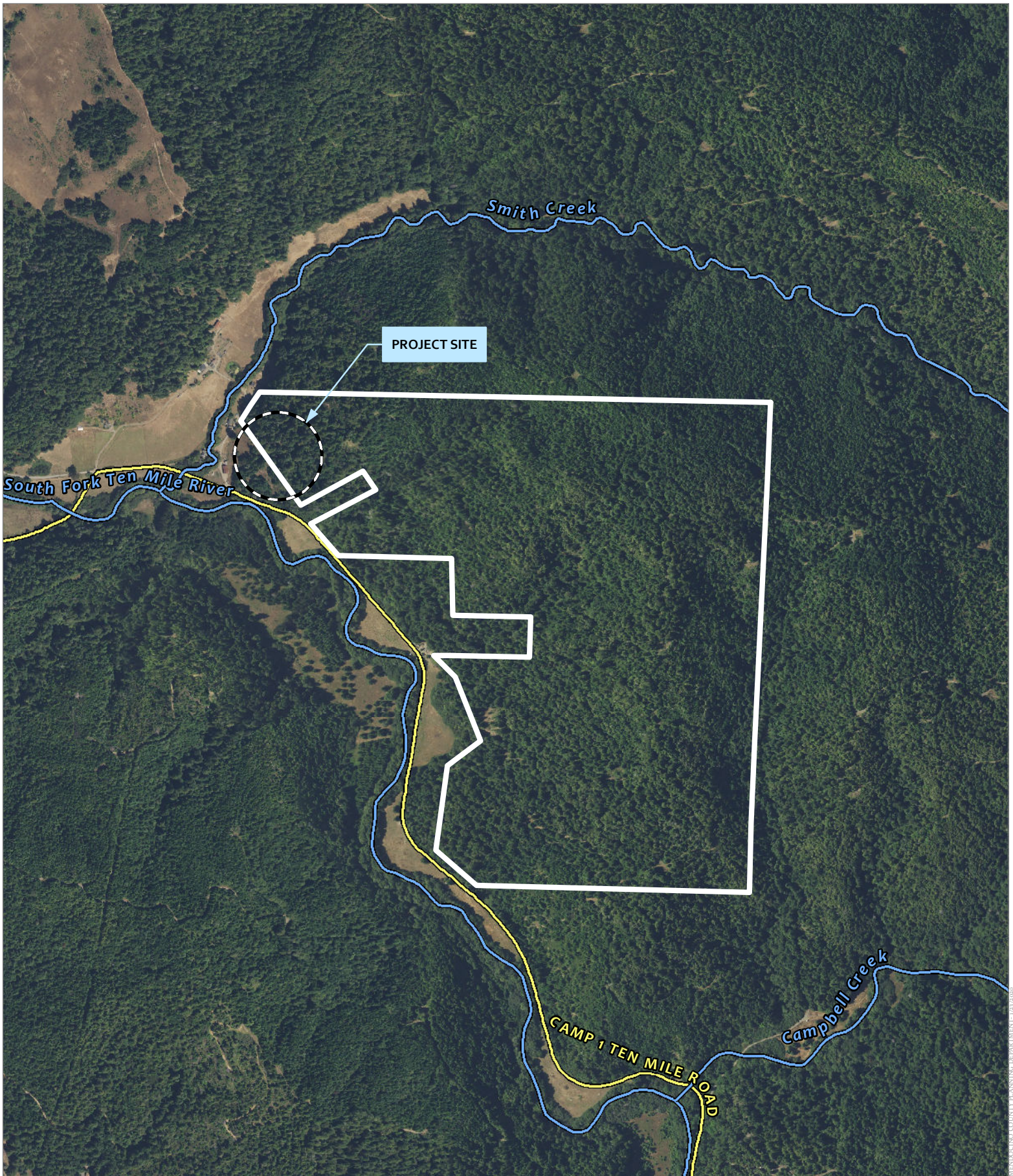


CASE: CDP 2020-0002
 OWNER: Lyme Redwood Timberlands, LLC
 APN: 069-080-03
 APLCT: PG&E
 AGENT: Erica Schlemmer
 ADDRESS: None Assigned, Fort Bragg




- Major Towns & Places
- ⬡ City Limits
- ▬ Coastal Zone Boundary
- ⬡ Major Rivers
- ▬ Highways
- ▬ Major Roads

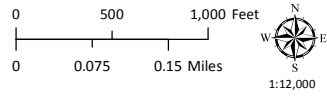


LOCATION MAP

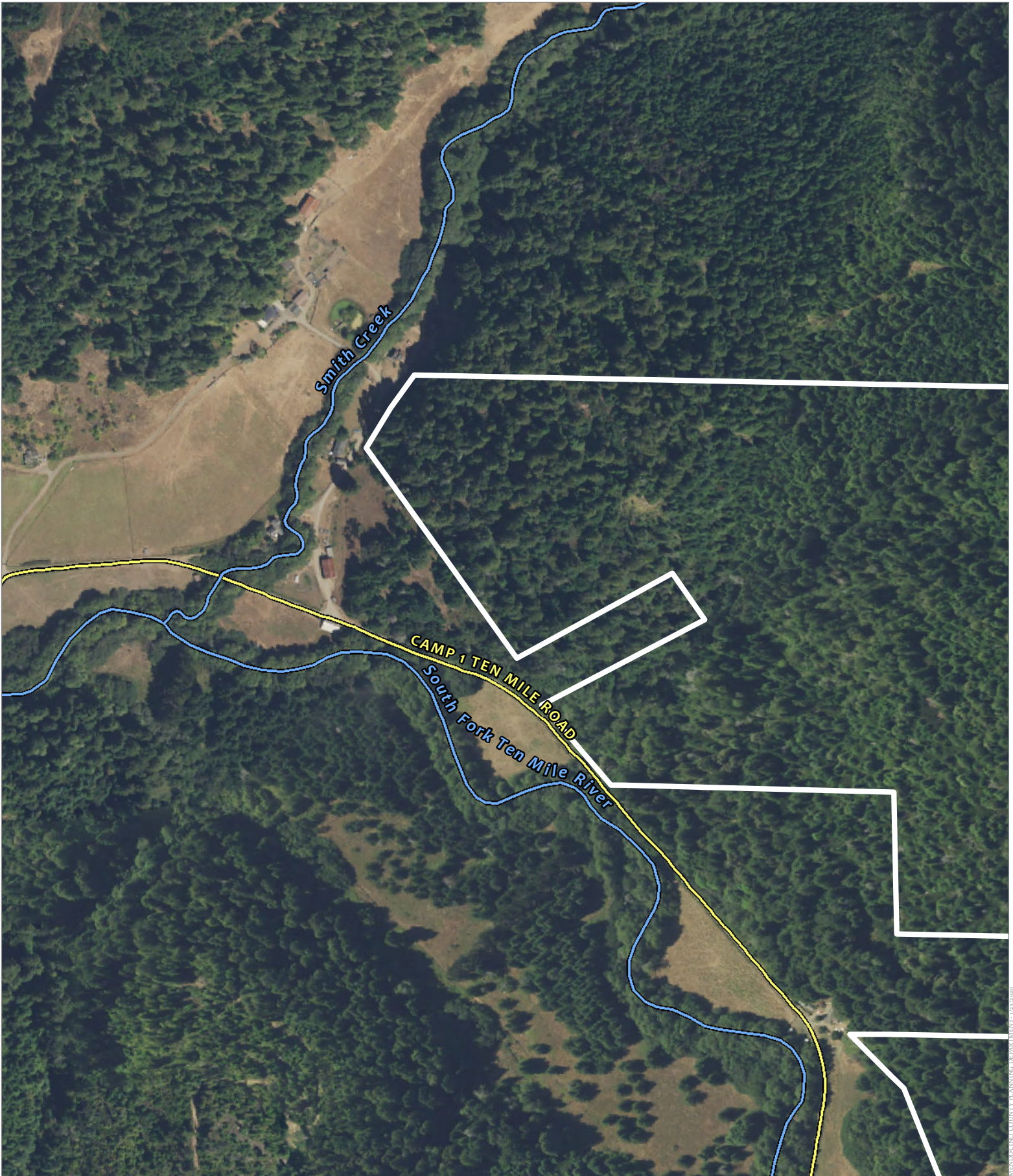


CASE: CDP 2020-0002
 OWNER: Lyme Redwood Timberlands, LLC
 APN: 069-080-03
 APLCT: PG&E
 AGENT: Erica Schlemer
 ADDRESS: None Assigned, Fort Bragg



-  Named Rivers
-  Public Roads
-  Private Roads

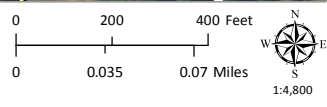


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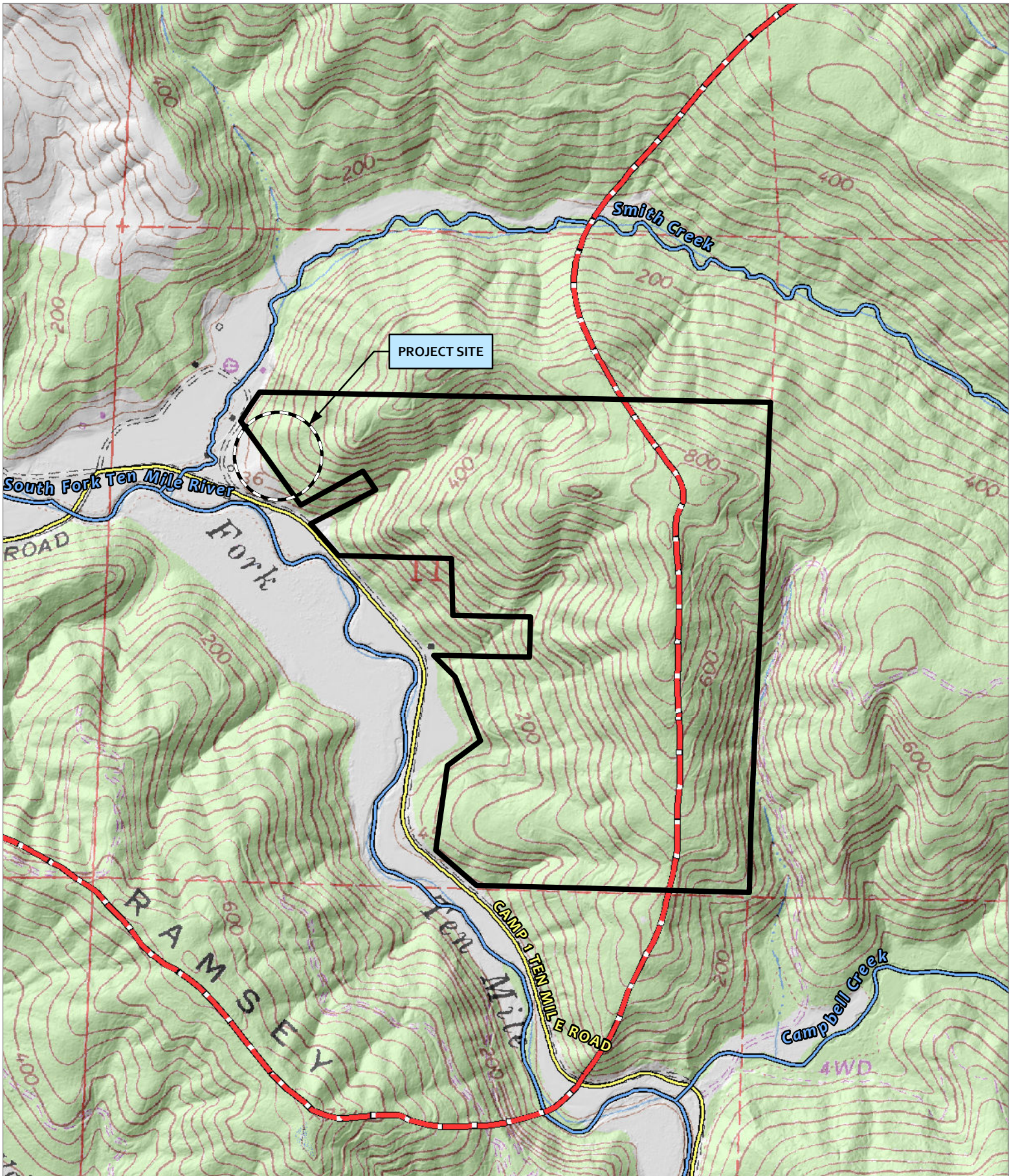


CASE: CDP 2020-0002
 OWNER: Lyme Redwood Timberlands, LLC
 APN: 069-080-03
 APLCT: PG&E
 AGENT: Erica Schlemer
 ADDRESS: None Assigned, Fort Bragg

-  Named Rivers
-  Public Roads

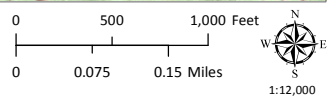


AERIAL IMAGERY



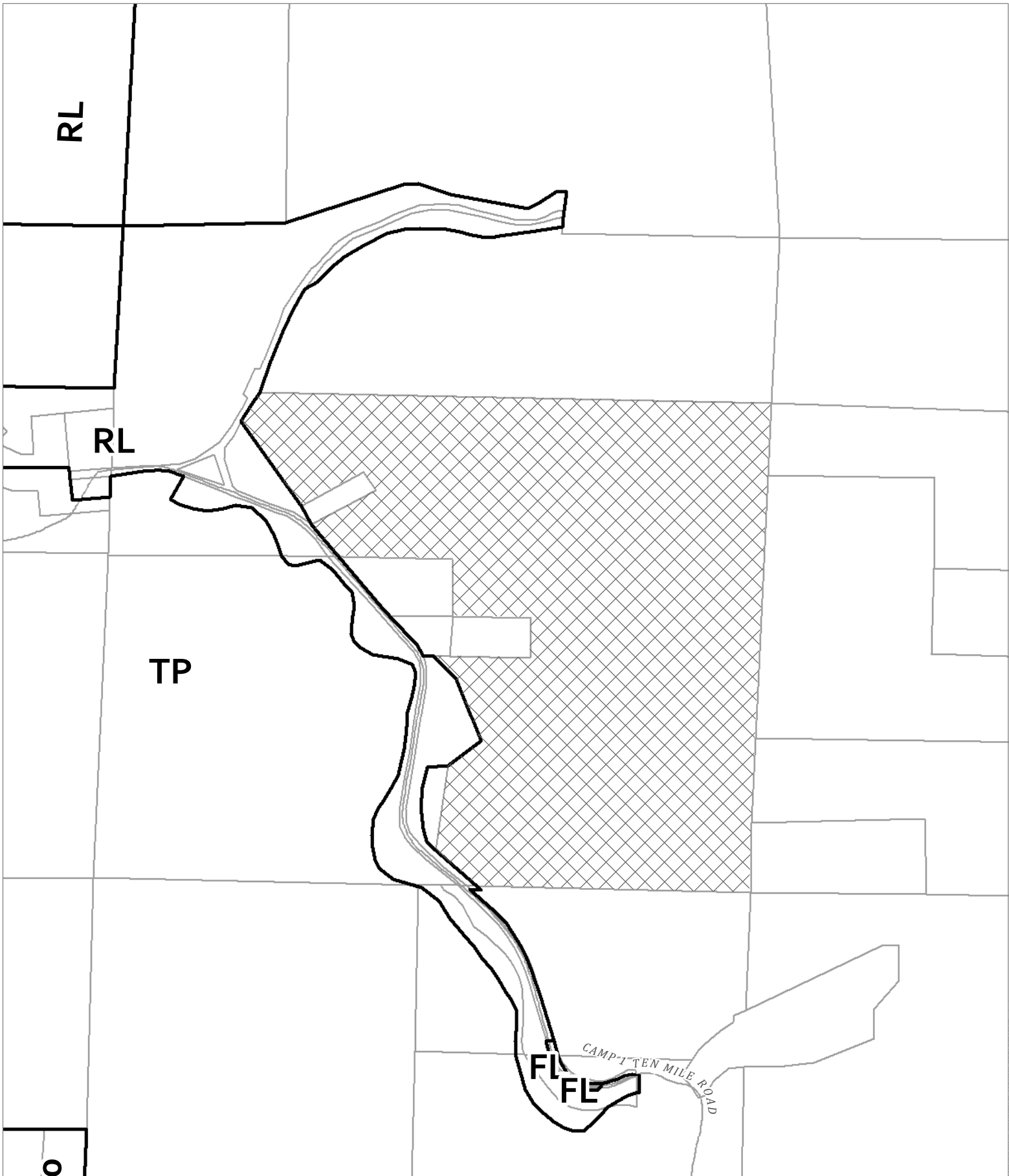
CASE: CDP 2020-0002
 OWNER: Lyme Redwood Timberlands, LLC
 APN: 069-080-03
 APLCT: PG&E
 AGENT: Erica Schlemer
 ADDRESS: None Assigned, Fort Bragg

- - - - Coastal Zone Boundary
- - - - Private Roads
- ~~~~~ Named Rivers
- Public Roads






TOPOGRAPHIC MAP
 CONTOUR INTERVAL IS 40 FEET

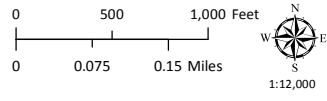
TENDRINO COUNTY PLANNING DEPARTMENT 1/23/20



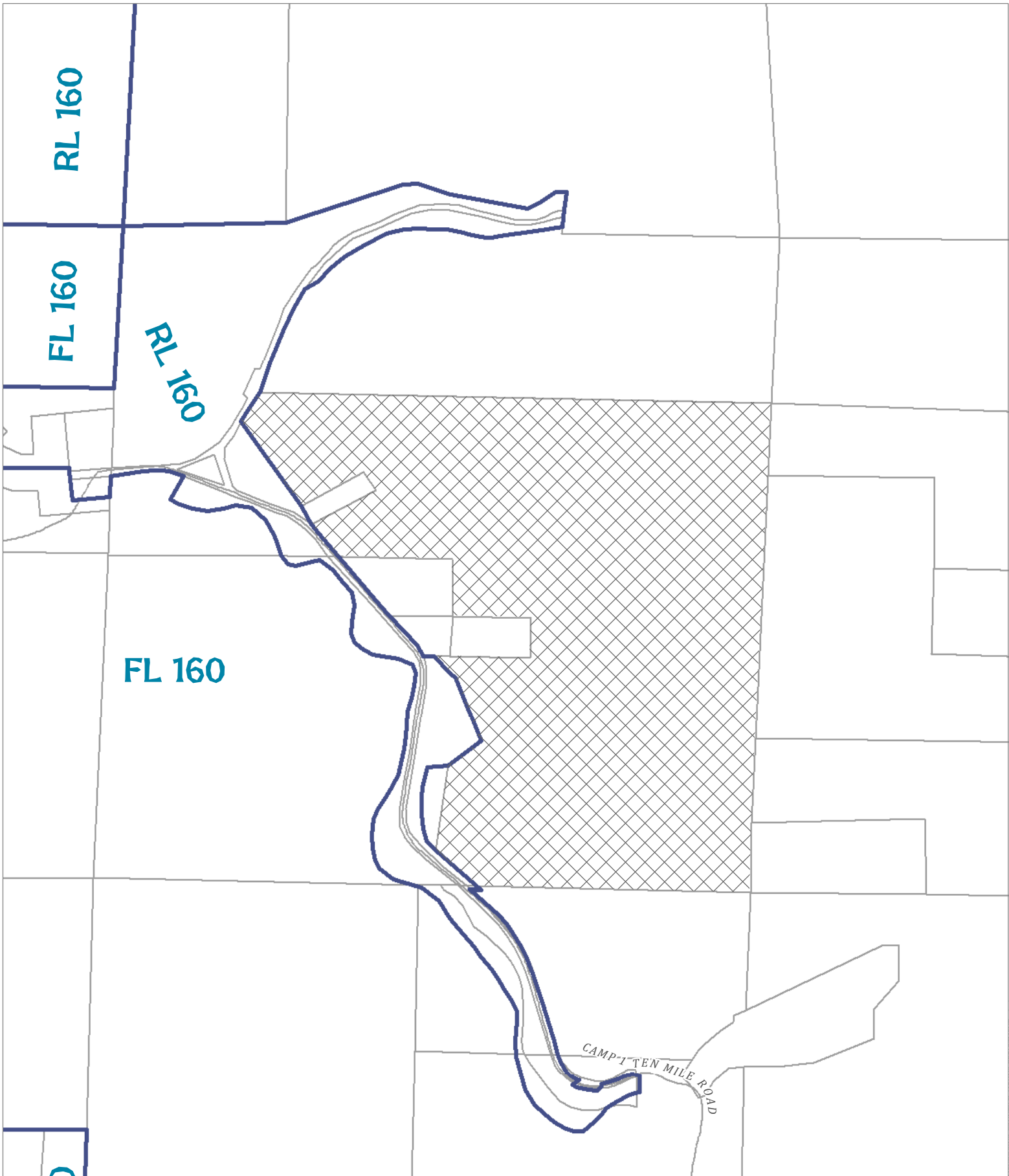
MENDOCINO COUNTY PLANNING DEPARTMENT - 1/23/2020

CASE: **CDP 2020-0002**
 OWNER: **Lyme Redwood Timberlands, LLC**
 APN: **069-080-03**
 APLCT: **PG&E**
 AGENT: **Erica Schlemmer**
 ADDRESS: **None Assigned, Fort Bragg**

-  Zoning Districts
-  Public Roads
-  Assessors Parcels

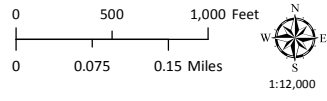


ZONING DISPLAY MAP



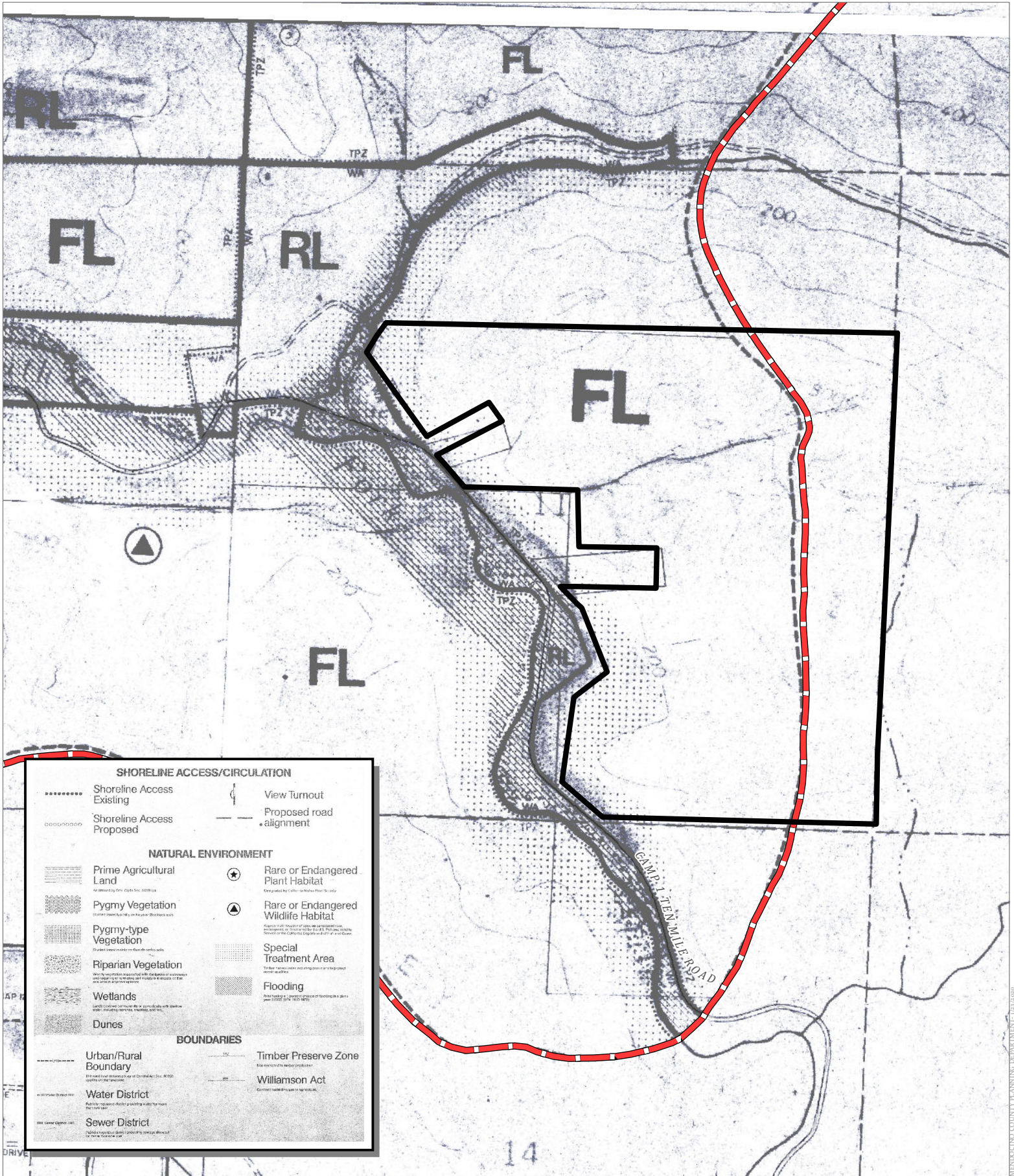
CASE: CDP 2020-0002
 OWNER: Lyme Redwood Timberlands, LLC
 APN: 069-080-03
 APLCT: PG&E
 AGENT: Erica Schlemer
 ADDRESS: None Assigned, Fort Bragg

- General Plan Classes
- Public Roads
- Assessors Parcels





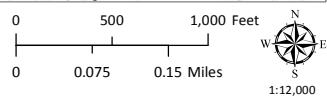
GENERAL PLAN CLASSIFICATIONS

MENDOCINO COUNTY PLANNING DEPARTMENT - 1/23/2020

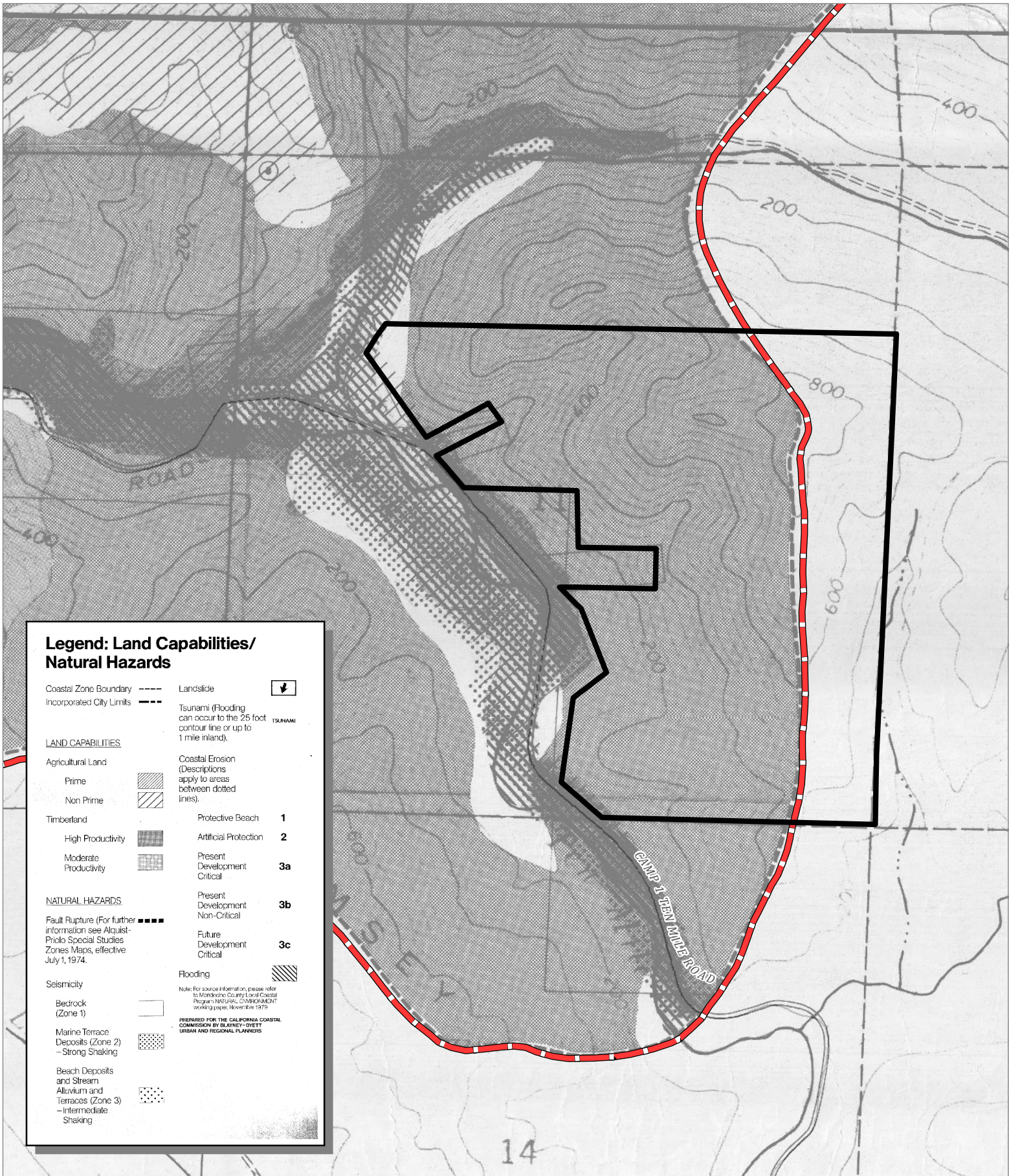


CASE: **CDP 2020-0002**
 OWNER: **Lyme Redwood Timberlands, LLC**
 APN: **069-080-03**
 APLCT: **PG&E**
 AGENT: **Erica Schlemmer**
 ADDRESS: **None Assigned, Fort Bragg**

 Coastal Zone Boundary
 Public Roads



MENDOCINO COUNTY PLANNING DEPARTMENT 1/23/2020

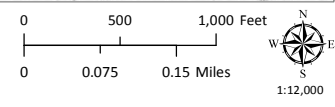


Legend: Land Capabilities/ Natural Hazards

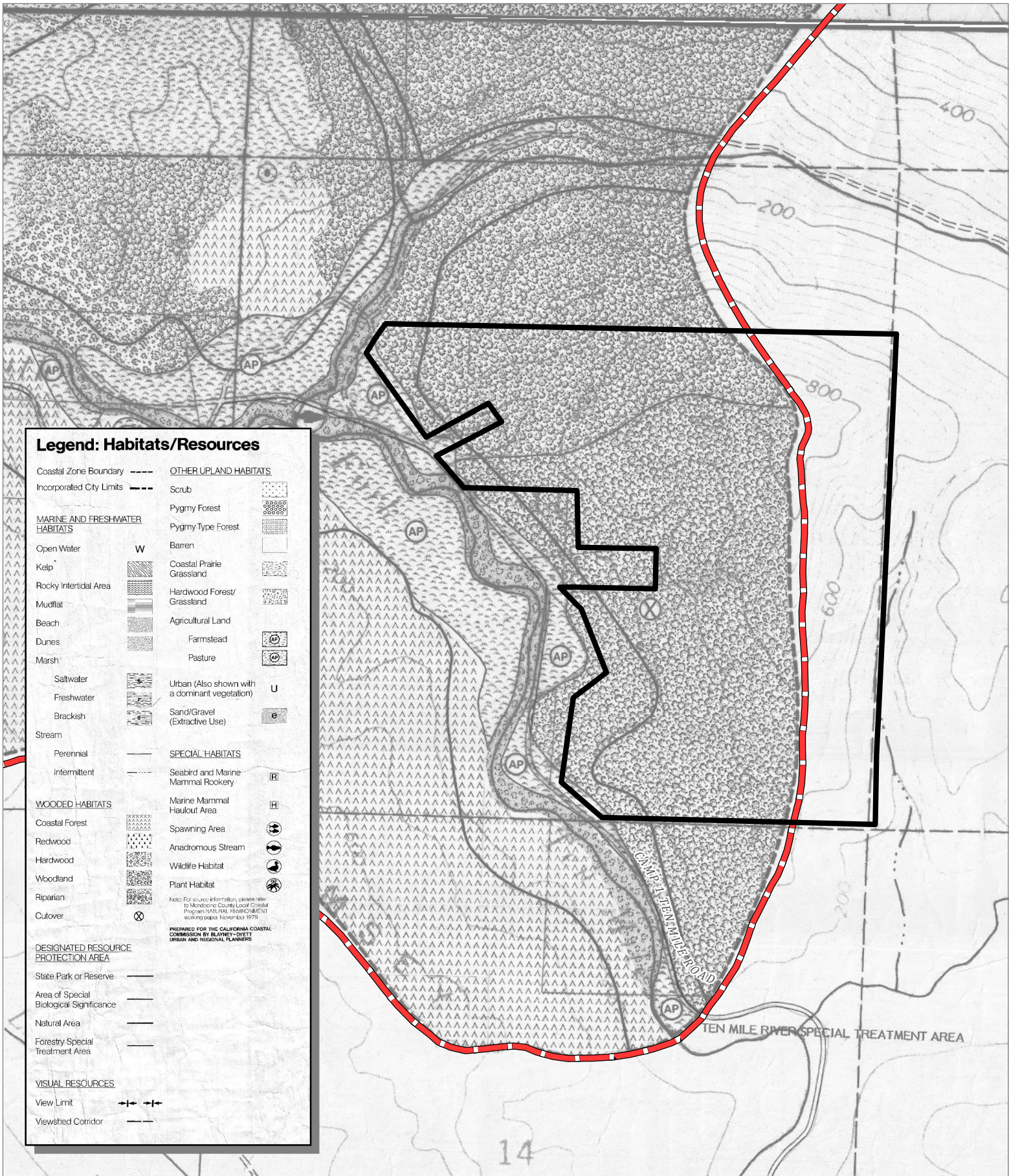
Coastal Zone Boundary	----	Landslide	
Incorporated City Limits	----	Tsunami (Flooding can occur to the 25 foot contour line or up to 1 mile inland)	
LAND CAPABILITIES			
Agricultural Land		Coastal Erosion (Descriptions apply to areas between dotted lines)	
Prime		Protective Beach	1
Non Prime		Artificial Protection	2
Timberland		Present Development Critical	3a
High Productivity		Present Development Non-Critical	3b
Moderate Productivity		Future Development Critical	3c
NATURAL HAZARDS			
Fault Rupture (For further information see Alquist-Prilo Special Studies Zones Maps, effective July 1, 1974)	----	Flooding	
Seismicity		<small>Note: For source information, please refer to Mendocino County Local Coastal Program NATURAL ENVIRONMENT working paper, November 1979.</small> <small>PREPARED FOR THE CALIFORNIA COASTAL COMMISSION BY BLUNDELL-SWEET URBAN AND REGIONAL PLANNERS</small>	
Bedrock (Zone 1)			
Marine Terrace Deposits (Zone 2) - Strong Shaking			
Beach Deposits and Stream Alluvium and Terraces (Zone 3) - Intermediate Shaking			

CASE: **CDP 2020-0002**
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Coastal Zone Boundary
 Public Roads



MENDOCINO COUNTY PLANNING DEPARTMENT - 1/23/2020

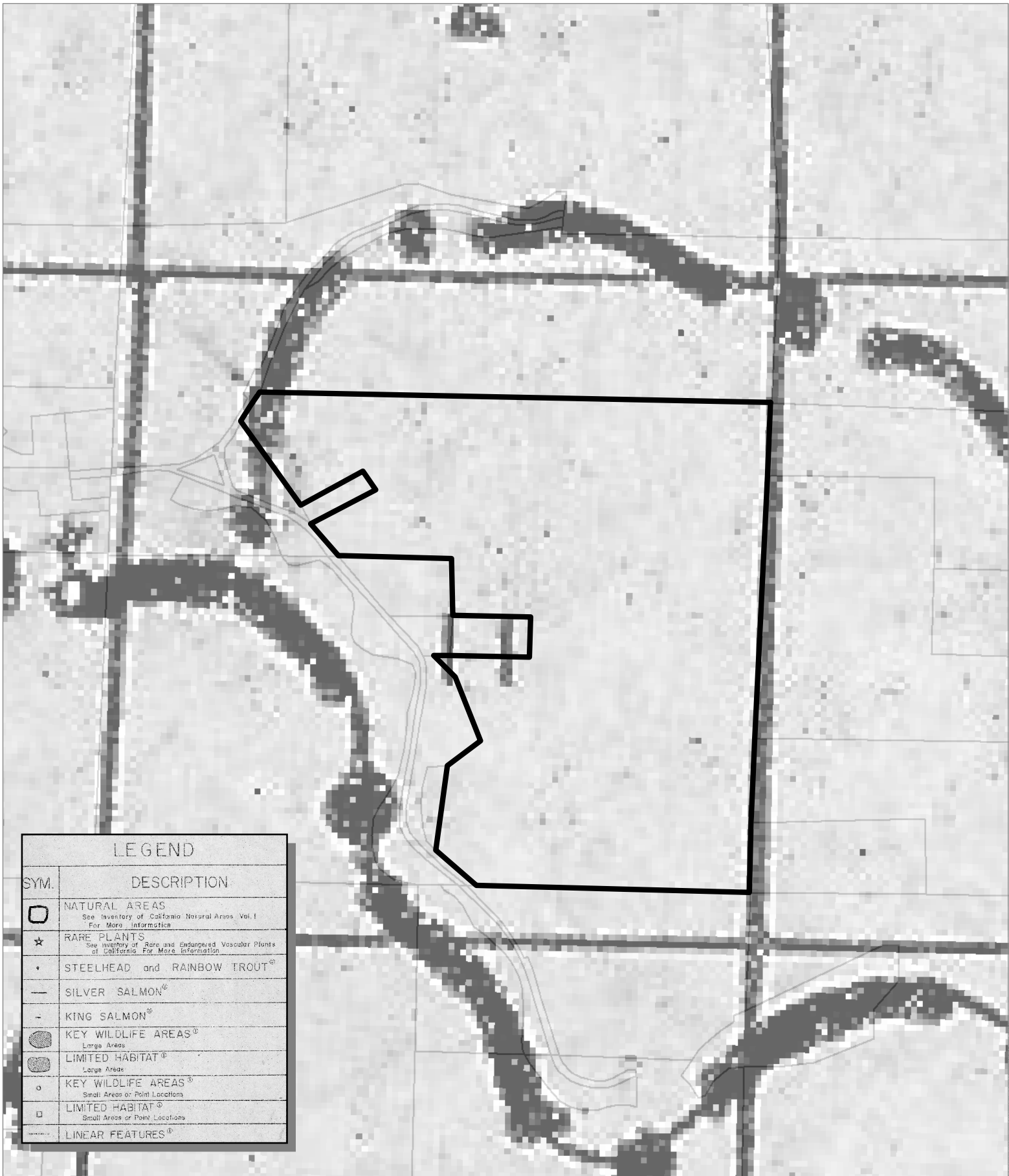


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 APLCT: PG&E
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Coastal Zone Boundary
 Public Roads

LCP HABITATS & RESOURCES

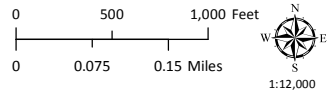
MENDOCINO COUNTY PLANNING DEPARTMENT - 1/23/2020



LEGEND	
SYM.	DESCRIPTION
	NATURAL AREAS <small>See Inventory of California Natural Areas, Vol. I For More Information</small>
	RARE PLANTS <small>See Inventory of Rare and Endangered Vascular Plants of California For More Information</small>
	STEELHEAD and RAINBOW TROUT [®]
	SILVER SALMON [®]
	KING SALMON [®]
	KEY WILDLIFE AREAS [®] <small>Large Areas</small>
	LIMITED HABITAT [®] <small>Large Areas</small>
	KEY WILDLIFE AREAS [®] <small>Small Areas or Point Locations</small>
	LIMITED HABITAT [®] <small>Small Areas or Point Locations</small>
	LINEAR FEATURES [®]

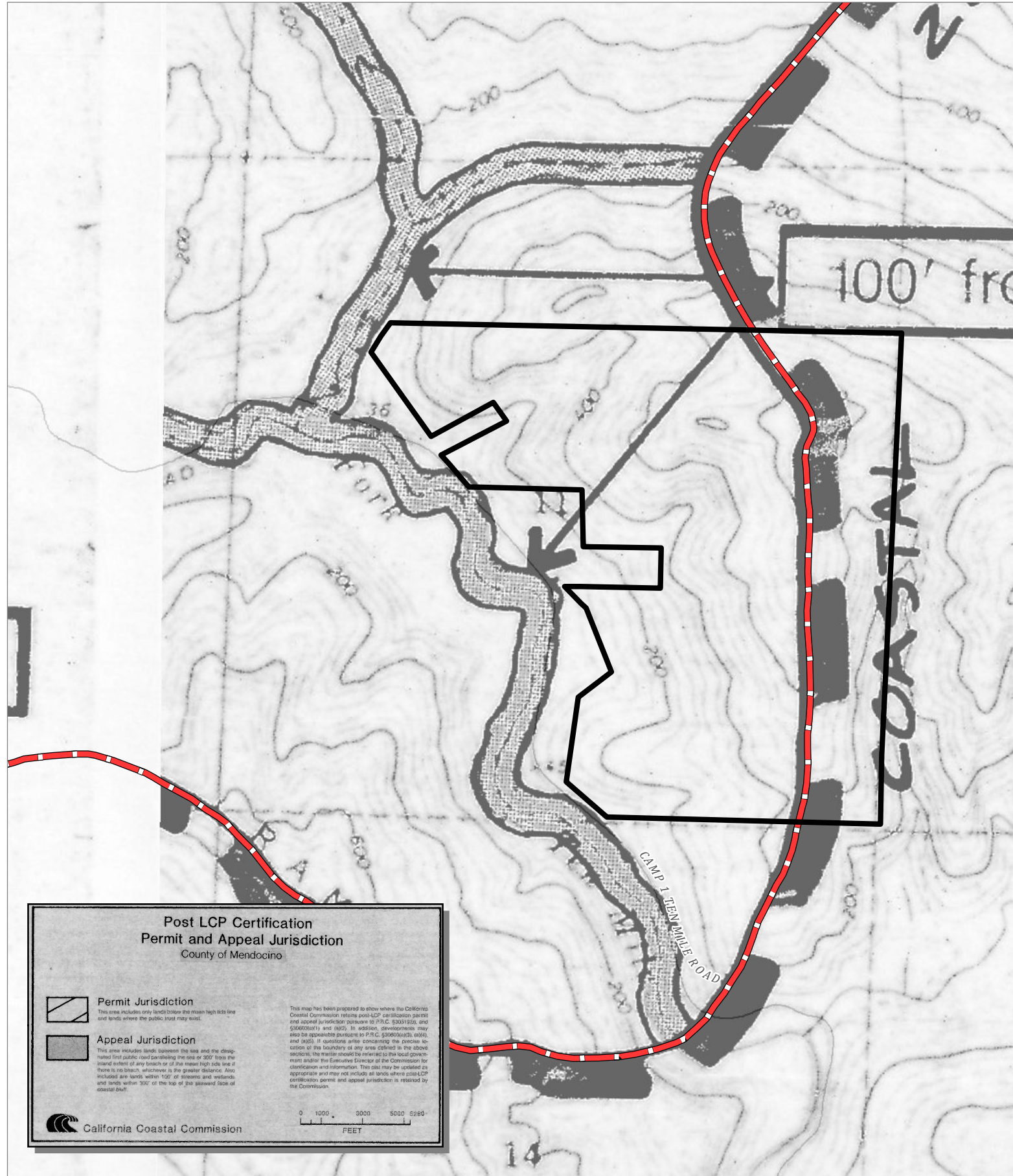
CASE: **CDP 2020-0002**
 OWNER: **Lyme Redwood Timberlands, LLC**
 APN: **069-080-03**
 APLCT: **PG&E**
 AGENT: **Erica Schlemmer**
 ADDRESS: **None Assigned, Fort Bragg**

Assessors Parcels





BIOLOGICAL RESOURCES

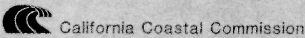
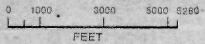
MENDOCINO COUNTY PLANNING DEPARTMENT - 1/23/2020





**Post LCP Certification
Permit and Appeal Jurisdiction**
County of Mendocino

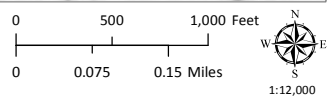
-  **Permit Jurisdiction**
This area includes only lands below the mean high tides line and lands where the public trust may exist.
-  **Appeal Jurisdiction**
This area includes lands between the sea and the designated first public land parceling line and 500' from the inland extent of any beach or of the mean high tide line if there is no beach, whichever is the greater distance. Also included are lands within 100' of streams and wetlands and lands within 500' of the top of the seaward face of coastal bluff.

This map has been prepared to show where the California Coastal Commission retains post-LCP certification permit and appeal jurisdiction pursuant to P.R.C. §30112.05, and §30602(a)(1) and (a)(2). In addition, developments may also be approvable pursuant to P.R.C. §30602(a)(3), (a)(4), and (a)(5). If questions arise concerning the precise location of the boundary of any area defined in the above sections, the reader should be referred to the local government and/or the Executive Director of the Commission for clarification and information. This map may be updated as appropriate and may not include all lands where post-LCP certification permit and appeal jurisdiction is retained by the Commission.



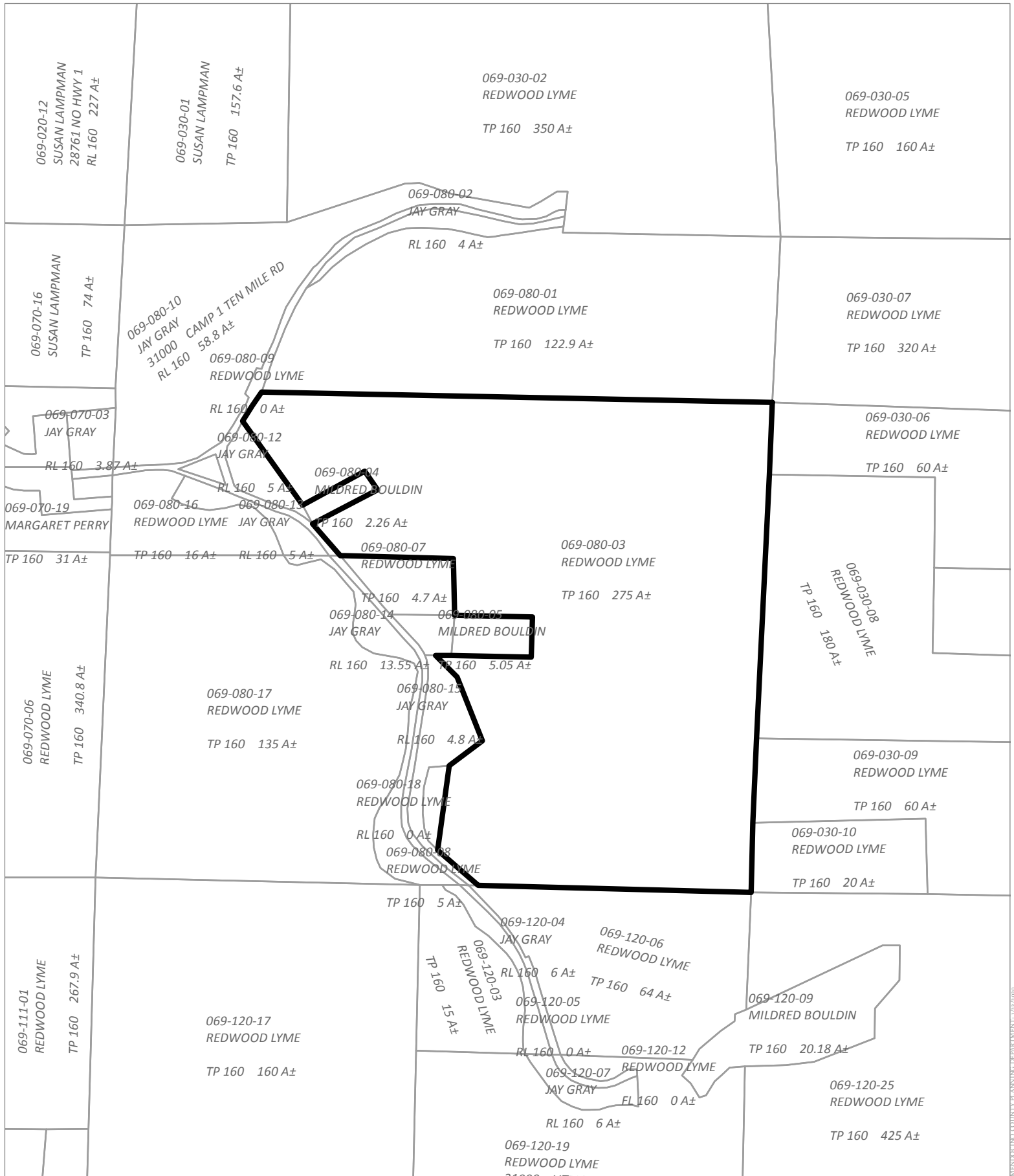
CASE: **CDP 2020-0002**
 OWNER: **Lyme Redwood Timberlands, LLC**
 APN: **069-080-03**
 APLCT: **PG&E**
 AGENT: **Erica Schlemmer**
 ADDRESS: **None Assigned, Fort Bragg**

-  **Coastal Zone Boundary**
-  **Public Roads**



APPEALABLE AREAS

MENDOCINO COUNTY PLANNING DEPARTMENT - 1/23/2020



CASE: CDP 2020-0002


OWNER: Lyme Redwood Timberlands, LLC

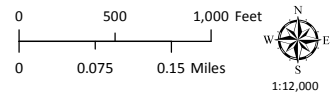
APN: 069-080-03

APLCT: PG&E

AGENT: Erica Schlemer

ADDRESS: None Assigned, Fort Bragg




 Assessor's Parcels

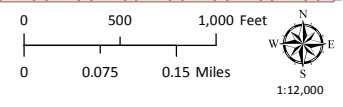


ADJACENT PARCELS

FORT BRAGG RURAL FPD

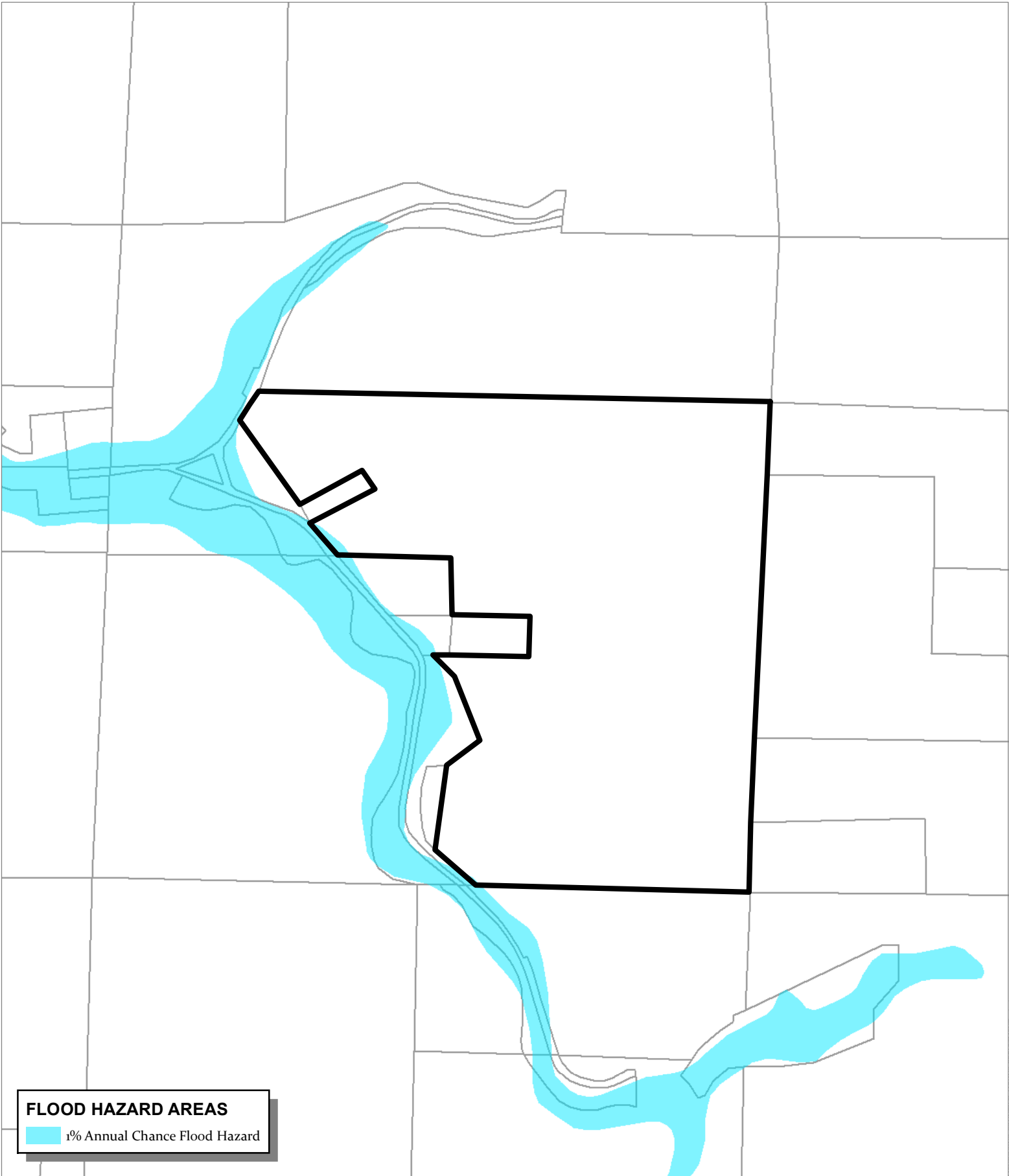
CASE: CDP 2020-0002
OWNER: Lyme Redwood Timberlands, LLC
APN: 069-080-03
APLCT: PG&E
AGENT: Erica Schlemer
ADDRESS: None Assigned, Fort Bragg

-  Very High Fire Hazard
-  County Fire Districts
-  High Fire Hazard
-  Assessors Parcels
-  Moderate Fire Hazard



FIRE HAZARD ZONES & RESPONSIBILITY AREAS
STATE RESPONSIBILITY AREA

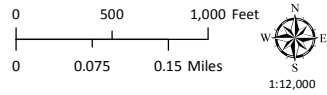
MENDOCINO COUNTY PLANNING DEPARTMENT - 1/23/2020



FLOOD HAZARD AREAS
 1% Annual Chance Flood Hazard

CASE: CDP 2020-0002
 OWNER: Lyme Redwood Timberlands, LLC
 APN: 069-080-03
 APLCT: PG&E
 AGENT: Erica Schlemer
 ADDRESS: None Assigned, Fort Bragg

Assessors Parcels



SPECIAL FLOOD HAZARD AREAS

MENDOCINO COUNTY PLANNING DEPARTMENT - 1/23/2020





Freshwater Emergent Wetland

Freshwater Pond


Riverine

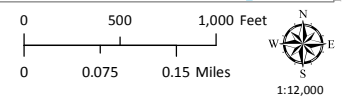
Freshwater Forested/Shrub Wetland

NATIONAL WETLANDS INVENTORY

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Riverine

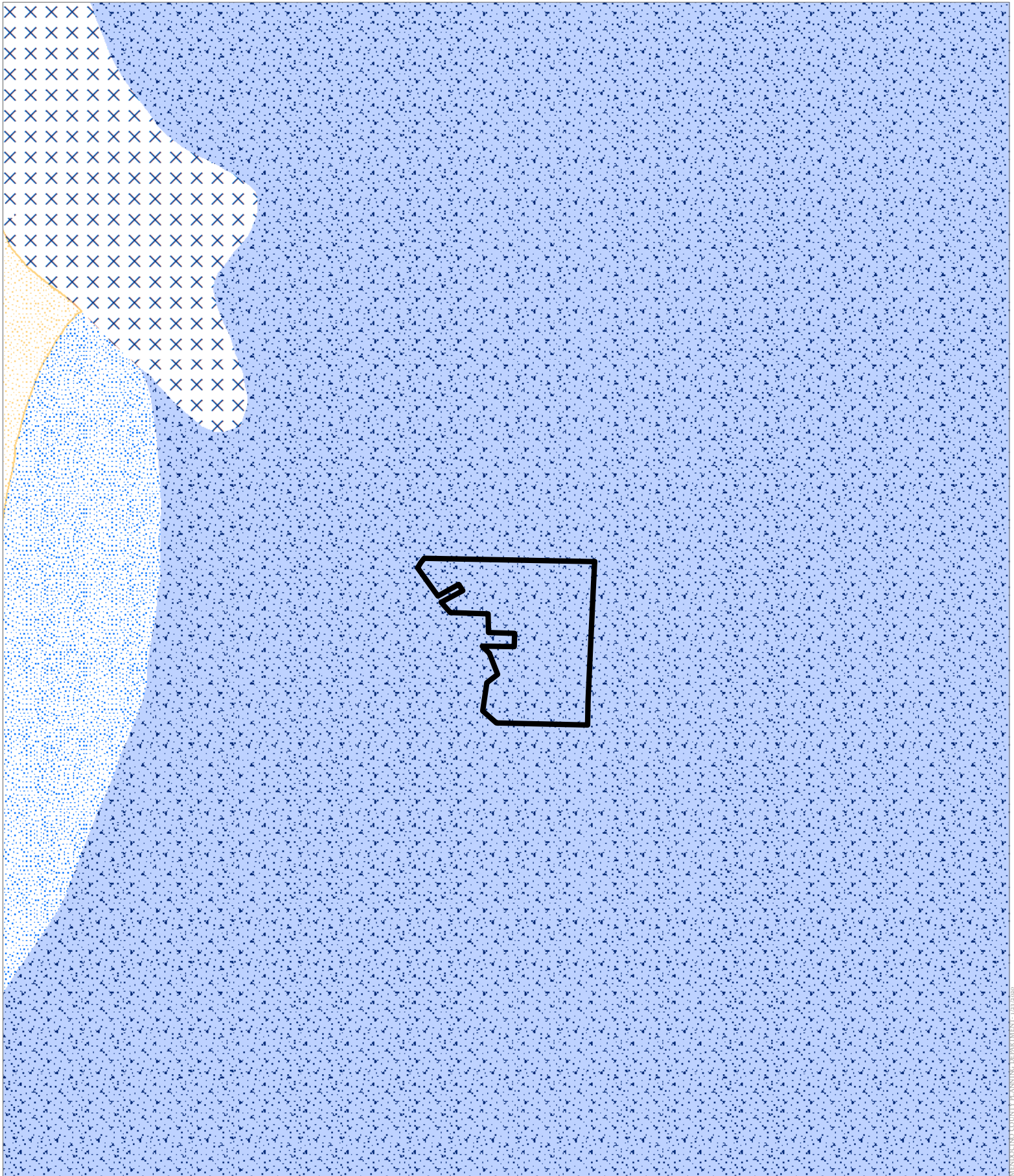
CASE: CDP 2020-0002
 OWNER: Lyme Redwood Timberlands, LLC
 APN: 069-080-03
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 AGENT: Erica Schlemer
 ADDRESS: None Assigned, Fort Bragg

 Assessors Parcels






WETLANDS

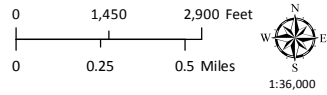
MENDOCINO COUNTY PLANNING DEPARTMENT - 1/23/2020



CASE: **CDP 2020-0002**
 OWNER: **Lyme Redwood Timberlands, LLC**
 APN: **069-080-03**
 APLCT: **PG&E**
 AGENT: **Erica Schlemer**
 ADDRESS: **None Assigned, Fort Bragg**

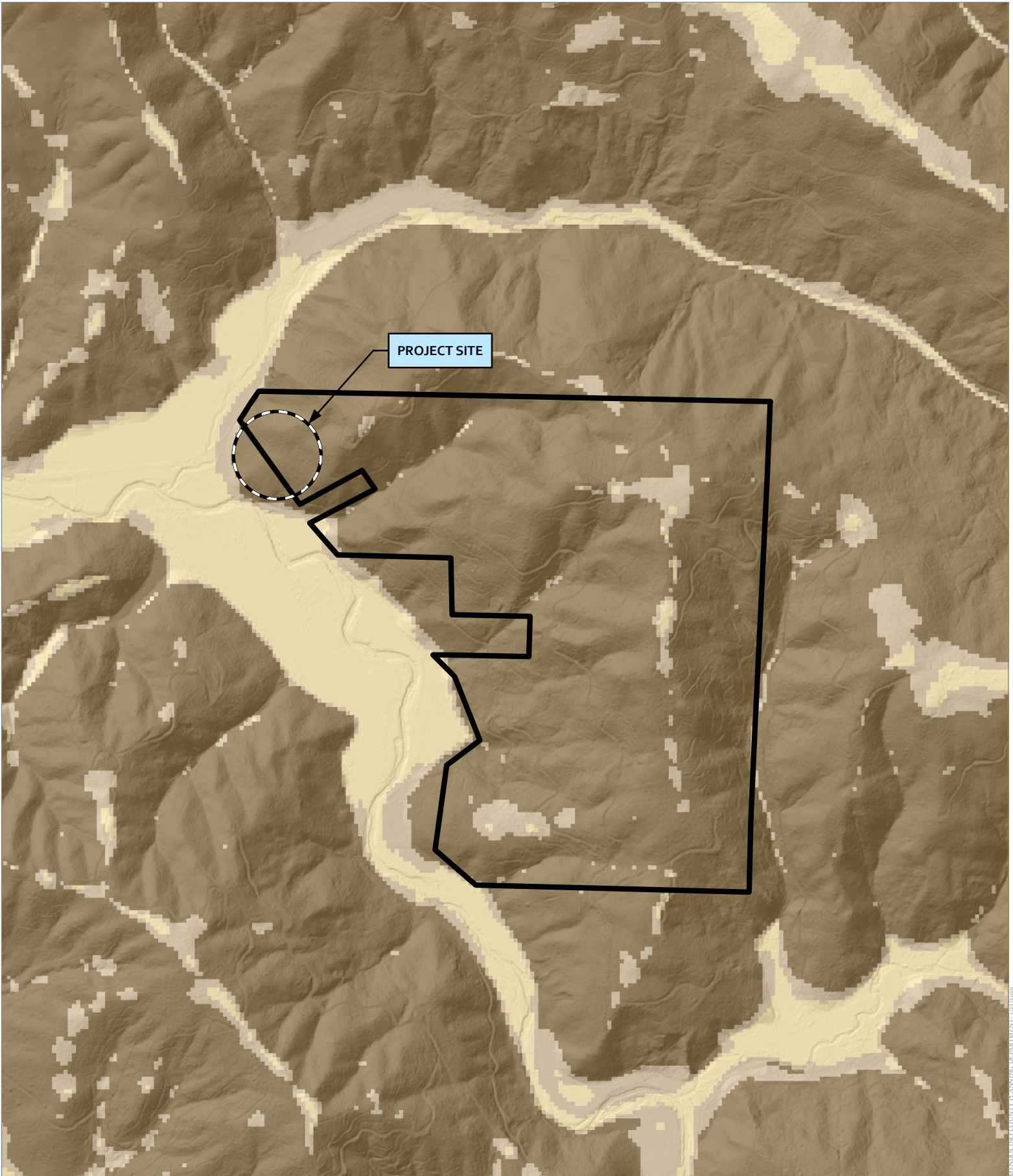
-  Critical Water Areas
-  Sufficient Water Resources
-  Critical Water Resources Bedrock

 Dunes

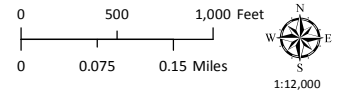
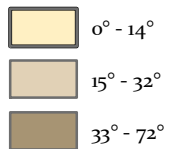


GROUND WATER RESOURCES

MERCED COUNTY PLANNING DEPARTMENT - 12/24/20

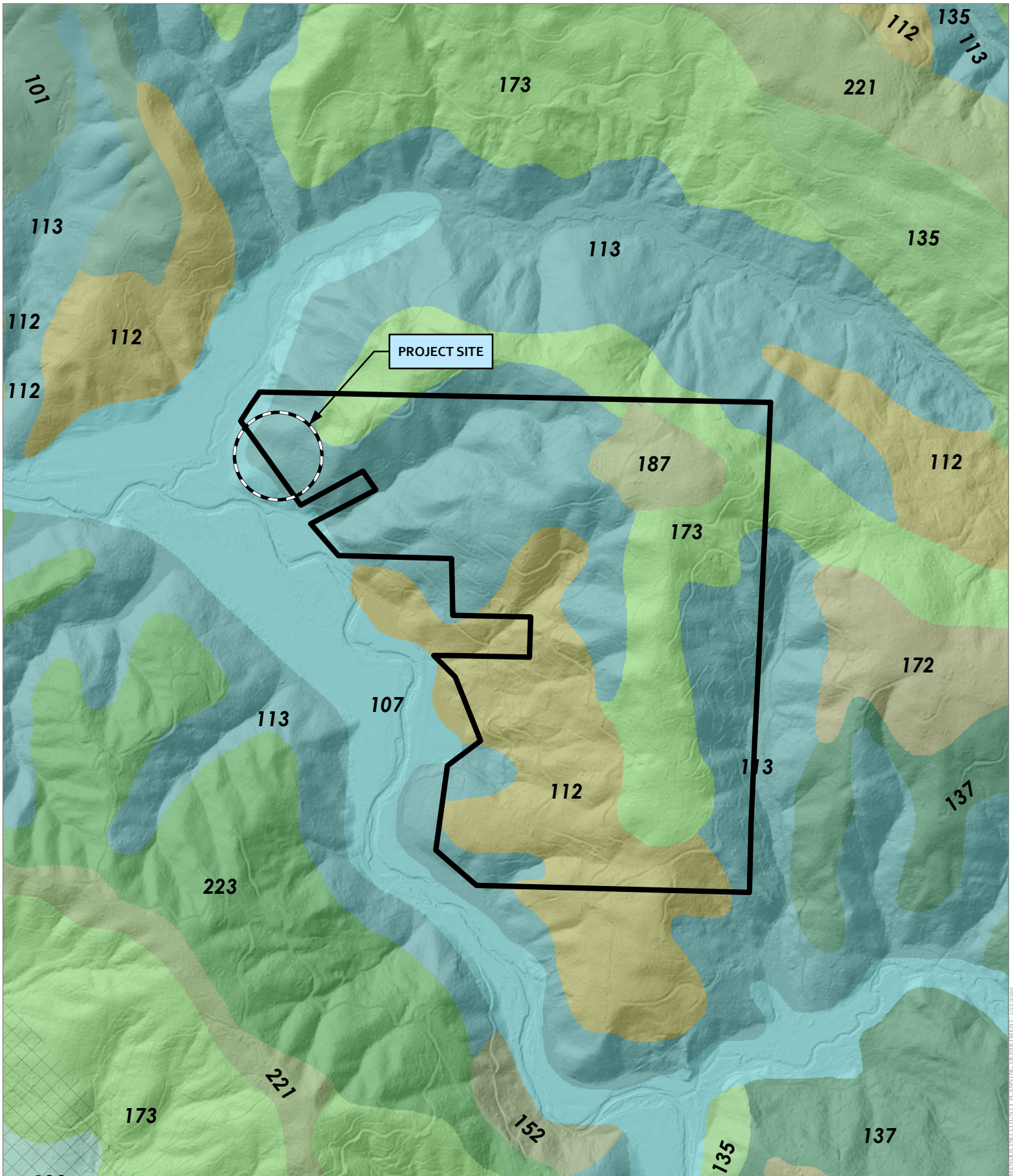


CASE: **CDP 2020-0002**
 OWNER: **Lyme Redwood Timberlands, LLC**
 APN: **069-080-03**
 APLCT: **PG&E**
 AGENT: **Erica Schlemer**
 ADDRESS: **None Assigned, Fort Bragg**



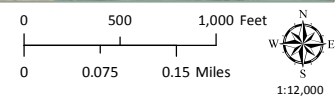
ESTIMATED SLOPE

TRENDS COUNTY PLANNING DEPARTMENT - 1/23/2020

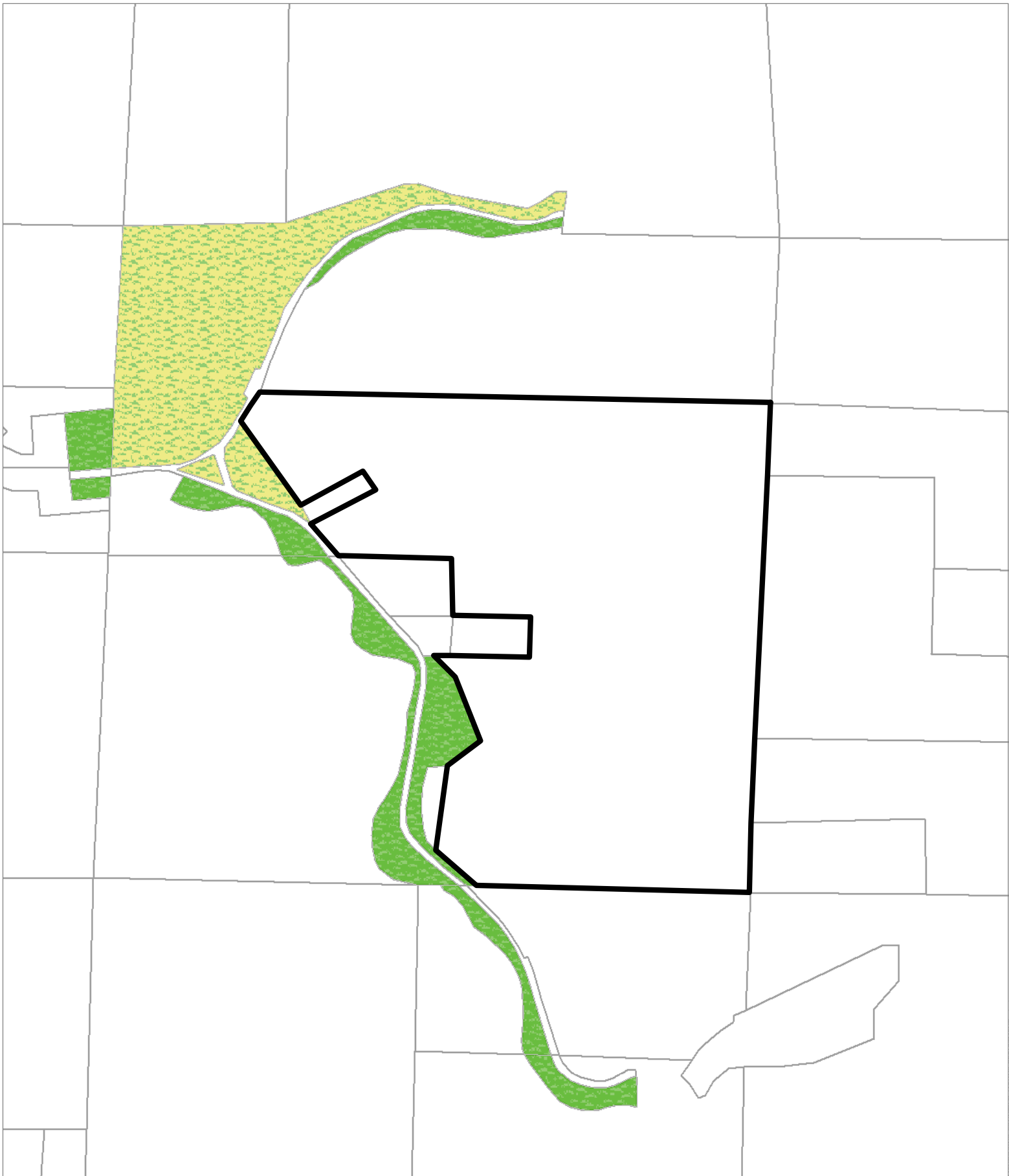


CASE: CDP 2020-0002
 OWNER: Lyme Redwood Timberlands, LLC
 APN: 069-080-03
 APLCT: PG&E
 AGENT: Erica Schlemer
 ADDRESS: None Assigned, Fort Bragg

 Bishop Pine

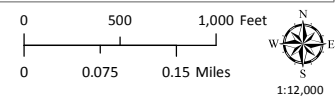


WESTERN SOIL CLASSIFICATIONS



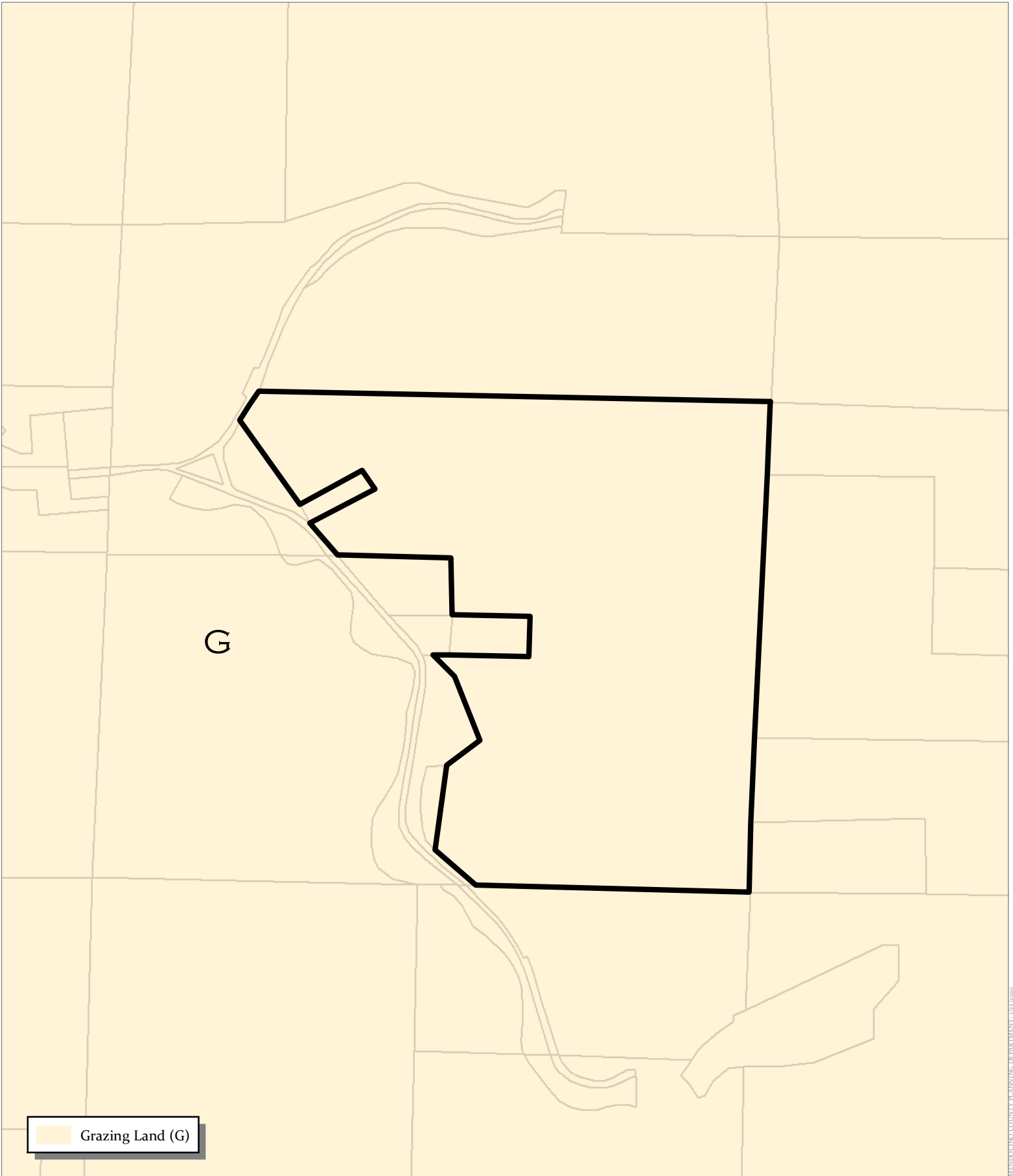
CASE: **CDP 2020-0002**
 OWNER: **Lyme Redwood Timberlands, LLC**
 APN: **069-080-03**
 APLCT: **PG&E**
 AGENT: **Erica Schlemer**
 ADDRESS: **None Assigned, Fort Bragg**

- Williamson Act 2018
- Prime Ag 2018
- Non-Prime Ag 2018
- Assessors Parcels




MENDOCINO COUNTY PLANNING DEPARTMENT - 1/23/2020

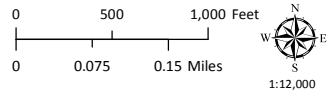
LANDS IN WILLIAMSON ACT CONTRACTS



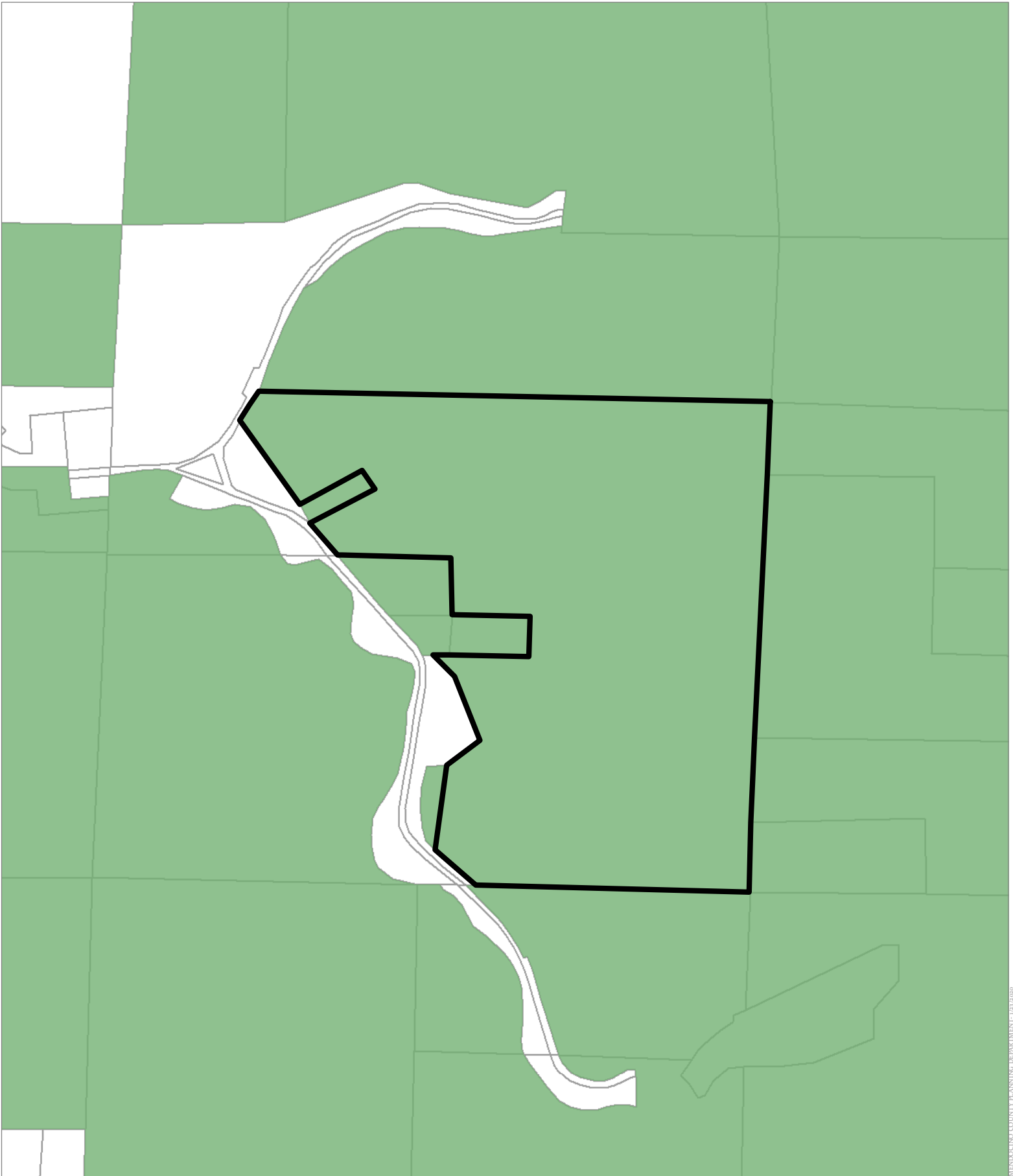
MENDOCINO COUNTY PLANNING DEPARTMENT - 7/23/2020

CASE: **CDP 2020-0002**
 OWNER: **Lyme Redwood Timberlands, LLC**
 APN: **069-080-03**
 APLCT: **PG&E**
 AGENT: **Erica Schlemer**
 ADDRESS: **None Assigned, Fort Bragg**



 Assessors Parcels

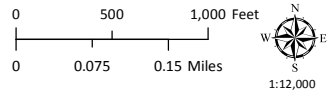


FARMLAND CLASSIFICATIONS



CASE: CDP 2020-0002
OWNER: Lyme Redwood Timberlands, LLC
APN: 069-080-03
APLCT: PG&E
AGENT: Erica Schlemer
ADDRESS: None Assigned, Fort Bragg

 TPZ 2018
 Assessor's Parcels



TIMBER PRODUCTION ZONES

MEMPHIS COUNTY PLANNING DEPARTMENT 1/25/2020