



Timberland Resource Consultants



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November 8, 2018

FloraCanna Cares
c/o Dahlia Ranch, LLC
P.O. Box 1174
Blue Lake, CA 95525

Dear FloraCanna Cares:

The following is an evaluation of potential timberland conversion on the cannabis cultivation sites and associated areas included in the Humboldt County Cannabis Permit Application (Apps #11965) for APN 523-026-003. Please accept this letter as the RPF's written report required by Humboldt County Code, Ordinance No. 2559 (Commercial Medical Marijuana Land Use), Section 55.4.10 (j), sited below.

"Alternately, for existing operations occupying sites created through prior unauthorized conversion of timberland, if the landowner has not completed a civil or criminal process and/or entered into a negotiated settlement with CALFIRE, the applicant shall secure the services of a registered professional forester (RPF) to evaluate site conditions and conversion history for the property and provide a written report to the Planning Division containing the RPF's recommendation as to remedial actions necessary to bring the conversion area into compliance with provisions of the Forest Practices Act. The Planning Division shall provide CAL-FIRE written Notice of Availability of the RPF's report. If CAL-FIRE takes no action within ten (10) days of the notice of availability, the report recommendations shall become final."

Timberland Resource Consultants (TRC) inspected and evaluated the cultivation sites and associated areas contained within the application on February 2nd, 2018. The RPF and his designees have exercised due diligence in reviewing all sites and available resources to fully assess potential timberland conversion and consequential impacts. This report evaluates the cultivation sites and associated areas for timber operations only. The scope of this report does not include: all other land alteration (such as grading, construction, and other permit-regulated activities), all property features and sites unrelated to cultivation activities, or any proposed, planned, or absent cultivation-related project sites. All findings are summarized in the report below.

Project Location

APN: 523-026-003

Acreage: 160.0 assessed lot size/ 148.54 GIS acres

Legal Description: NE ¼ of Section 22:

Township 7 North, Range 5 East,

Humboldt Base & Meridian, Humboldt County

Located on USGS 7.5' Quadrangle: Salyer (1979)

Humboldt County Zoning: TPZ

Site Address: None

Landowner/Timber Owner: Dahlia Ranch LLC, P.O. Box 1174, Blue Lake, CA 95525

Project Location Description: The project area is located approximately 2.2 air miles north-northeast of Willow Creek, CA, and 5.2 air miles north of Salyer, CA. To access the project area from Willow Creek, CA, on eastbound Highway 299, turn left on to Country Club Road; turn left on to Patterson Road; turn right on to Horse Linto Creek Road; continue for 0.9 miles then turn right on to an unnamed private road; continue for 1.7 miles to reach the property. The project areas are located on the seasonal roads throughout the property.

Parcel Description & Timber Harvest History

Note: The property background has been summarized using personal accounts of the current landowner, digital orthographic quadrangle (DOQ) imagery, Humboldt County Web GIS, CAL FIRE Watershed Mapper v2, and historic aerial imagery.

The property consists of a single 160-acre parcel known as APN 523-026-003. The parcel is densely forested with even-aged Douglas-fir and tanoak (ranging in age from approximately 30 to 80 years old) and a minor component of others hardwoods (see all photos). The parcel contains several segments of unnamed Class II watercourses and one unnamed Class III watercourse. These watercourses are tributary to Class I Coon Creek which is tributary to the South Fork Trinity River. The property's road network consists of rocky permanent and seasonal roads as well as dirt ATV trails.

The parcel has experienced logging entries in the last century as evidenced by historic skid roads and reduced canopy cover in aerial imagery. Harvesting occurred in the early 1970s (mostly in the southwestern corner of the property) and in the early 1990s (mostly in the southern half of the property). Additionally, CALFIRE has not documented any commercial timber harvesting on the parcel in the past 25 years (CALFIRE Watershed Mapper v2). Parcel ownership as well as timber ownership was sold to Dahlla Ranch LLC from Vilicia LLC on February 6, 2007 (Parcel Quest).

Project Description

Four cultivation sites and three associated areas were inspected during the field assessment within APN 523-026-003. See detailed site descriptions below.

Cultivation Sites/Associated Areas	Total Acreage
Cultivation Site A	0.09
Cultivation Site B	0.17
Cultivation Site C	0.10
Cultivation Site D	0.27
Processing Building 1	0.05
Processing Building 2	0.04
Water Storage Area	0.01
TOTAL	0.73

Cultivation Site A

Cultivation Site A is a 0.09-acre area located in the northeastern portion of the property (see Photos 1 & 2). Cultivation-related activities observed included one greenhouse and several outdoor-grown cannabis plants. Review of aerial imagery from 1993 reveals that the site occupies a historic log landing. The site was cleared of remaining trees, stumps, and vegetation between 2005 and 2009. No remnant slash or woody debris from the conversion activities was observed. The cultivation activities observed impede the use of this space for current timber growth and harvesting; in this way, the current landowner has effectively converted the single use of this space from timber production to cannabis cultivation.

Cultivation Site B

Cultivation Site B is a 0.17-acre area located in the southwestern portion of the property (see Photo 3). Cultivation-related activities observed included one greenhouse, numerous outdoor-grown cannabis plants, and a storage shed. Review of aerial imagery from 1972 reveals that the site occupies a historic log landing. The site was cleared of remaining trees, stumps, and vegetation between 2005 and 2009. Remnant slash and woody debris from the conversion activities was observed along the western edge of the site. The cultivation activities observed impede the use of this space for current timber growth and harvesting; in this way, the current landowner has effectively converted the single use of this space from timber production to cannabis cultivation.

Cultivation Site C

Cultivation Site C is a 0.10-acre area located in the southeastern portion of the property (see Photo 4). Cultivation-related activities observed included numerous outdoor-grown cannabis plants. Review of aerial imagery from 1972 reveals that the site occupies a historic log landing. The site was cleared of remaining trees, stumps, and vegetation and the building constructed between 2005 and 2009. No remnant slash or

Project Description cont'd

Cultivation Site C

woody debris from the conversion activities was observed. The cultivation activities observed impede the use of this space for current timber growth and harvesting; in this way, the current landowner has effectively converted the single use of this space from timber production to cannabis cultivation.

Cultivation Site D

Cultivation Site D is a 0.27-acre area located in the southeastern portion of the property (see Photo 5). Cultivation-related activities observed included numerous outdoor-grown cannabis plants. Review of aerial imagery from 1972 reveals that the site occupies historic skid roads. The site was cleared of trees, stumps, and vegetation between 2010 and 2012. This clearing was much more expansive than the footprint of current cultivation activities. Remnant slash and woody debris from the conversion activities was observed along the southwestern edge of the site. The cultivation activities observed impede the use of this space for current timber growth and harvesting; in this way, the current landowner has effectively converted the single use of this space from timber production to cannabis cultivation.

Processing Building 1

Processing Building 1 is a 0.05-acre area located in the northeastern portion of the property (see Photo 2). This associated area contains one building used for cultivation product drying. Review of aerial imagery from 1993 reveals that the site occupies a historic log landing. The site was cleared of remaining trees, stumps, and vegetation and the building constructed between 2009 and 2010. Remnant slash and woody debris from the conversion activities was observed along the eastern edge of the site. The cultivation activities observed impede the use of this space for current timber growth and harvesting; in this way, the current landowner has effectively converted the single use of this space from timber production to cannabis cultivation.

Processing Building 2

Processing Building 2 is a 0.04-acre area located in the southeastern portion of the property (see Photo 2). This associated area contains one building used for cultivation product drying. Review of aerial imagery from 1993 reveals that the site occupies a historic log landing. The site was cleared of remaining trees, stumps, and vegetation and the building constructed between 2009 and 2010. Remnant slash and woody debris from the conversion activities was observed along the eastern edge of the site. The cultivation activities observed impede the use of this space for current timber growth and harvesting; in this way, the current landowner has effectively converted the single use of this space from timber production to cannabis cultivation.

Water Storage Area

The Water Storage Area is a 0.01-acre area located in the southeastern portion of the property (see Photo 6). This associated area contains four 2,500-gallon plastic water storage tanks used for cultivation water storage. Review of aerial imagery from 1972 reveals that the site occupies a historic skid road. It appears that the road was cleared of remaining trees, stump, and vegetation between 2005 and 2009. The clearing was expanded to its current size between 2010 and 2012. No remnant slash or woody debris from the conversion activities was observed. The cultivation activities observed impede the use of this space for current timber growth and harvesting; in this way, the current landowner has effectively converted the single use of this space from timber production to cannabis cultivation.

Other Mapped Features

The Overview Map also shows the locations of multiple water storage tanks used for cultivation water storage (see Photo 13). Though minor tree and vegetation clearing may have occurred to install these features, the surrounding timber stand still meets the stocking standards of the California Forest Practice Rules (CFPRs). Ultimately, the water storage tanks do not impede the use of the land for current or future timber growth and harvesting; therefore, they do *not* constitute timberland conversion.

Project Description cont'd

Timberland Conversion Summary

In total, TRC observed approximately 0.73 acres of unauthorized timberland conversion for cultivation-related purposes within APN 523-026-003. This total does not exceed the three-acre conversion exemption maximum.

Limitations and Considerations for Timberland Conversion Activities

Watercourses and Water Resources

14CCR 1104.1(a)(2)(F): "No timber operations are allowed within a watercourse and lake protection zone unless specifically approved by local permit (e.g., county, city)."

Humboldt County General Plan, Appendix G Housing Element, G-118: "The County maintains Streamside Management Areas (SMAs) to protect sensitive fish and wildlife habitats and to minimize erosion, runoff, and other conditions detrimental to water quality...The width of the SMA depends on whether or not the stream is perennial or intermittent and whether the area is inside or outside of Urban Development and Expansion Areas. In urban areas, the SMA width is 50 feet on each side of perennial streams and 25 feet for intermittent streams; outside of urban areas, the width is 100 feet for perennial streams and 50 feet for intermittent streams. Development within the SMAs is very restricted and is subject to implementation of numerous mitigation measures designed to protect the habitat quality of the SMA."

No cultivation sites or associated areas exist within Watercourse and Lake Protection Zones (WLPZs) or Equipment Exclusion Zones (EEZs) on the property. Overall, no conversion activities appear to have negatively impacted water resources.

Slash, Woody Debris, and Refuse Treatment

14 CCR 914.5(b): "Non-biodegradable refuse, litter, trash, and debris resulting from timber operations, and other activity in connection with the operations shall be disposed of concurrently with the conduct of timber operations."

14CCR 1104.1(a)(2)(D) – "Treatment of Slash and Woody Debris

- 1) Unless otherwise required, slash greater than one inch in diameter and greater than two feet long, and woody debris, except pine, shall receive full treatment no later than April 1 of the year following its creation, or within one year from the date of acceptance of the conversion exemption by the Director, whichever comes first.
- 2) All pine slash three inches and greater in diameter and longer than four feet must receive initial treatment if it is still on the parcel, within 7 days of its creation.
- 3) All pine woody debris longer than four feet must receive an initial treatment prior to full treatment.
- 4) Initial treatment shall include limbing woody debris and cutting slash and woody debris into lengths of less than four feet, and leaving the pieces exposed to solar radiation to aid in rapid drying.
- 5) Full treatment of all pine slash and woody debris must be completed by March 1 of the year following its creation, or within one year from the date of acceptance of the conversion exemption by the Director, whichever comes first.
- 6) Full slash and woody debris treatment may include any of the following:
 - a) Burying;
 - b) Chipping and spreading;
 - c) Piling and burning; or
 - d) Removing slash and woody debris from the site for treatment in compliance with (a)-(b). Slash and woody debris may not be burned by open outdoor fires except under permit from the appropriate fire protection agency, if required, the local air pollution control district or air quality management district. The burning must occur on the property where the slash and woody debris originated.
- 7) Slash and woody debris, except for pine, which is cut up for firewood shall be cut to lengths 24 inches or less and set aside for drying by April 1 of the year following its creation. Pine slash and woody debris which is cut up for firewood shall be cut to lengths 24 inches or less and set aside for drying within seven days of its creation.
- 8) Any treatment which involves burning of slash or woody debris shall comply with all state and local fire and air quality rules."

Most slash and woody debris generated from the conversion activities has been effectively treated; however, remnant slash and woody debris still exist along the western edge of Cultivation Site B, southwestern edge of Cultivation Site D, eastern edge of Processing Building 1, and eastern edge of Processing Building 2. All remaining slash shall be treated according to the CFPRs (see Recommendation 1).

Limitations and Considerations for Timberland Conversion Activities

Biological Resources and Forest Stand Health

14 CCR 1104.1 (2)(H): "No sites of rare, threatened or endangered plants or animals shall be disturbed, threatened or damaged and no timber operations shall occur within the buffer zone of a sensitive species as defined in 14 CCR 895.1"

14 CCR 1038 (j): "No tree that existed before 1800 AD and is greater than sixty (60) inches in diameter at stump height for Sierra or Coastal Redwoods, and forty-eight (48) inches in diameter at stump height for all other tree species shall be harvested unless done so under the conditions or criteria set forth in subsection 1038(h).

A query of the California Natural Diversity Database (CNDDDB) on October 24th, 2018, showed observations of six (6) sensitive, rare, threatened, or endangered species or species of special concern within a 1.3-mile radius biological assessment area (BAA) surrounding the cultivation sites and associated areas. See details in the enclosed CNDDDB Tables and Multiple Occurrences per Page CNDDDB List. All observations are more than 800 feet away from the nearest cultivation site or associated area. No individuals of sensitive, rare, threatened, or endangered species or species of special concern were observed during the TRC field assessment of the project area.

A query of the CNDDDB revealed one (1) known Northern Spotted Owl Activity Center (NSO AC) within a 1.3-mile radius BAA surrounding the cultivation sites and associated areas. This AC is more than 4,700 feet east of the nearest cultivation site or associated area. See details in the enclosed CNDDDB Tables. No evidence of NSO individuals was observed during the TRC field assessment though habitat exists on the property.

No major forest health issues were observed during the field assessment. Though the property is located within Humboldt County, a Zone of Infestation (ZOI) for Sudden Oak Death (SOD), no definitive symptoms, signs, or evidence of oak mortality were observed (*Oak Mortality Disease Control*). According to UC Berkeley's Mobile SOD Map, no trees have been tested for SOD infection within a one-mile radius of the cultivation sites and associated areas. No risk assessment was made at the property. The conversion activities do not appear to have impacted forest health. No other major forest health issues were observed during the field assessment.

The conversion areas did not include late successional stands, late seral stage forests, or old growth trees. The conversion area did not include any trees that existed before 1800 A.D. and are greater than sixty (60) inches in diameter at stump height for Sierra or Coastal Redwoods, and forty-eight (48) inches in diameter at stump height for all other tree species.

Cultural Resources

14 CCR 1104.1 (2)(I): "No timber operations are allowed on significant historical or archeological sites."

No archeological sites were observed during the TRC field assessment. The RPF's designee conducted pre-field research for the project's geographic location and closely surveyed the converted sites and surrounding undisturbed areas for presence or evidence of prehistoric or historic sites. The archaeological survey was conducted by Brita Rustad, a certified archaeological surveyor with current CALFIRE Archeological Training (Archeological Training Course #161). The survey consisted of examining boot scrapes, rodent disturbances, natural and manmade areas of exposed soils, and road and cultivation site surface.

Per 14 CCR 1104.2(2)(I), all required Native American tribes and organizations have been notified of the project location and are encouraged to respond with any information regarding archaeological sites, cultural sites, and/or tribal cultural resources within or adjacent to the project area (see attached Tribal Contacts List and Example Native American Notification Letter).

Recommendations

In summary, a total of 0.73 acres of unauthorized timberland conversion has occurred within APN 523-026-003. This total does not exceed the three-acre conversion exemption maximum. The conversion activities conducted on the property do *not* comply with the standards set forth in the California Forest Practice Act and the California Forest Practice Rules. The RPF recommends the following measures for the converted areas:

- 1) Slash and Woody Debris Treatment: Nearby Cultivation Site B, Cultivation Site D, Processing Building 1, and Processing Building 2, treat all slash piles and woody debris as soon as possible (and during an appropriate time of year) using one of the following methods: burying, chipping and spreading, piling and burning, or removal from site.

Sincerely,



Chris Carroll, RPF #2628
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(707) 725-1897
trc@timberlandresource.com

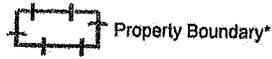
Enclosures:

- General Location Map
- Overview Map
- DOQ Maps 1, 2, & 3
- Water Resource Protection Plan – Site Map
- APN 523-026-003 – CNDDDB Map
- APN 523-026-003 – NSO Map
- CNDDDB Tables
- "Multiple Occurrences per Page" CNDDDB Species List
- Tribal Contacts List
- Example Native American Notification Letter
- Photos
- References

FloraCanna Cares - Timberland Conversion Evaluation General Location Map

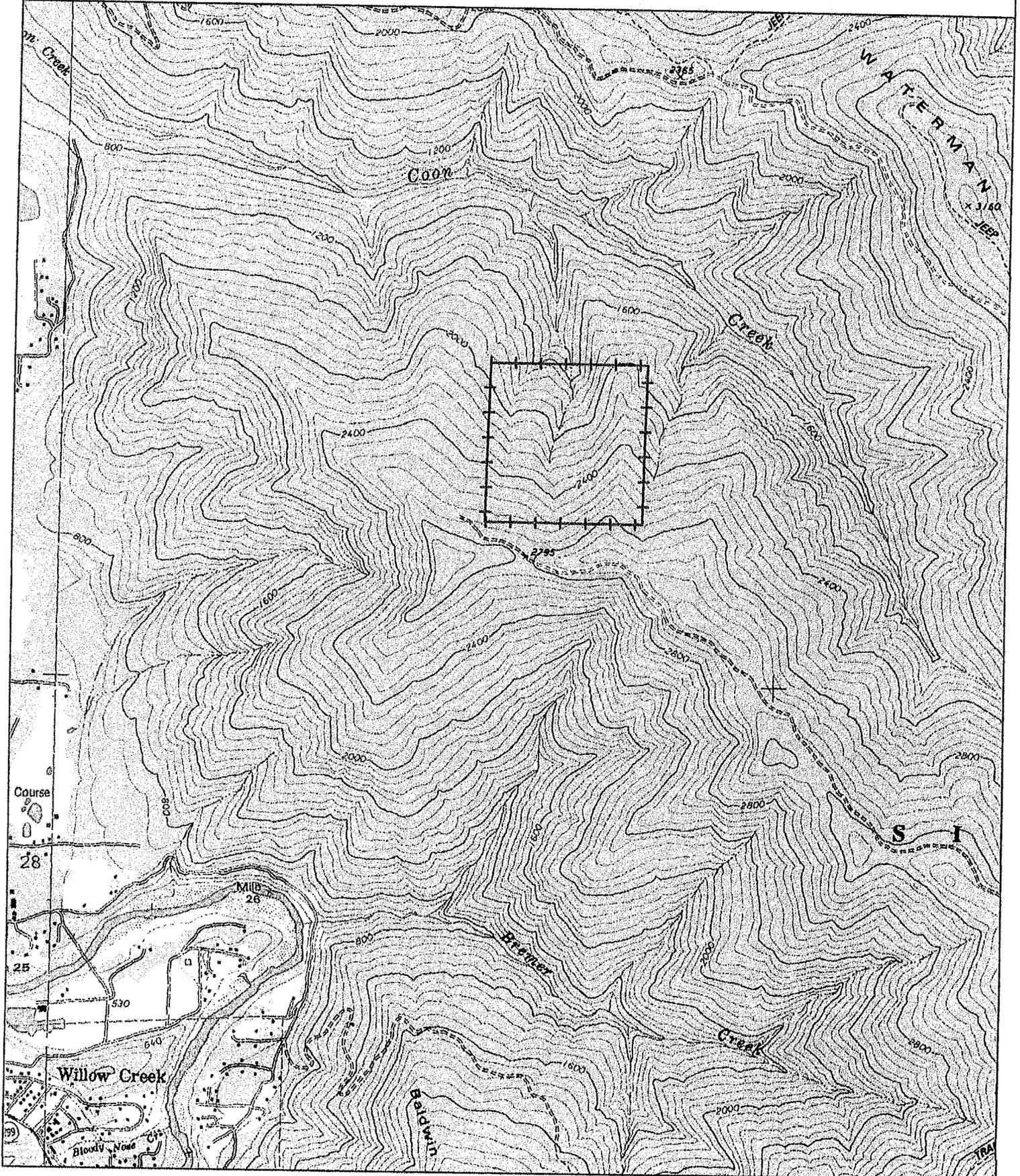
NE 1/4 of Sec. 22, T7N, R5E;
HB&M, Humboldt County
USGS 7.5' Quad: Salyer
Map Scale: 1" = 2,000'

APN: 523-026-003



Revised: 10/19/18

*The property boundary depicted is adapted from the Humboldt County Assessor's Parcel Map and the WRPP Site Map. This mapped boundary may not precisely align with the geographic boundary on the ground. The RPF is not responsible for surveying property boundaries.



FloraCanna Cares - Timberland Conversion Evaluation Overview Map

APN: 523-026-003

NE 1/4 of Sec. 22, T7N, R5E;
 HB&M, Humboldt County
 USGS 7.5' Quad: Salyer
 Map Scale: 1" = 320'
 Contour Intervals = 40'

Property Features

- Property Boundary*
- Cultivation Sites & Associated Areas

Roads

- Permanent
- Seasonal
- Trail

Watercourses

- Class I
- Class II
- Class III

Other Features

- Storage Shed
- Water Storage Tank (s)

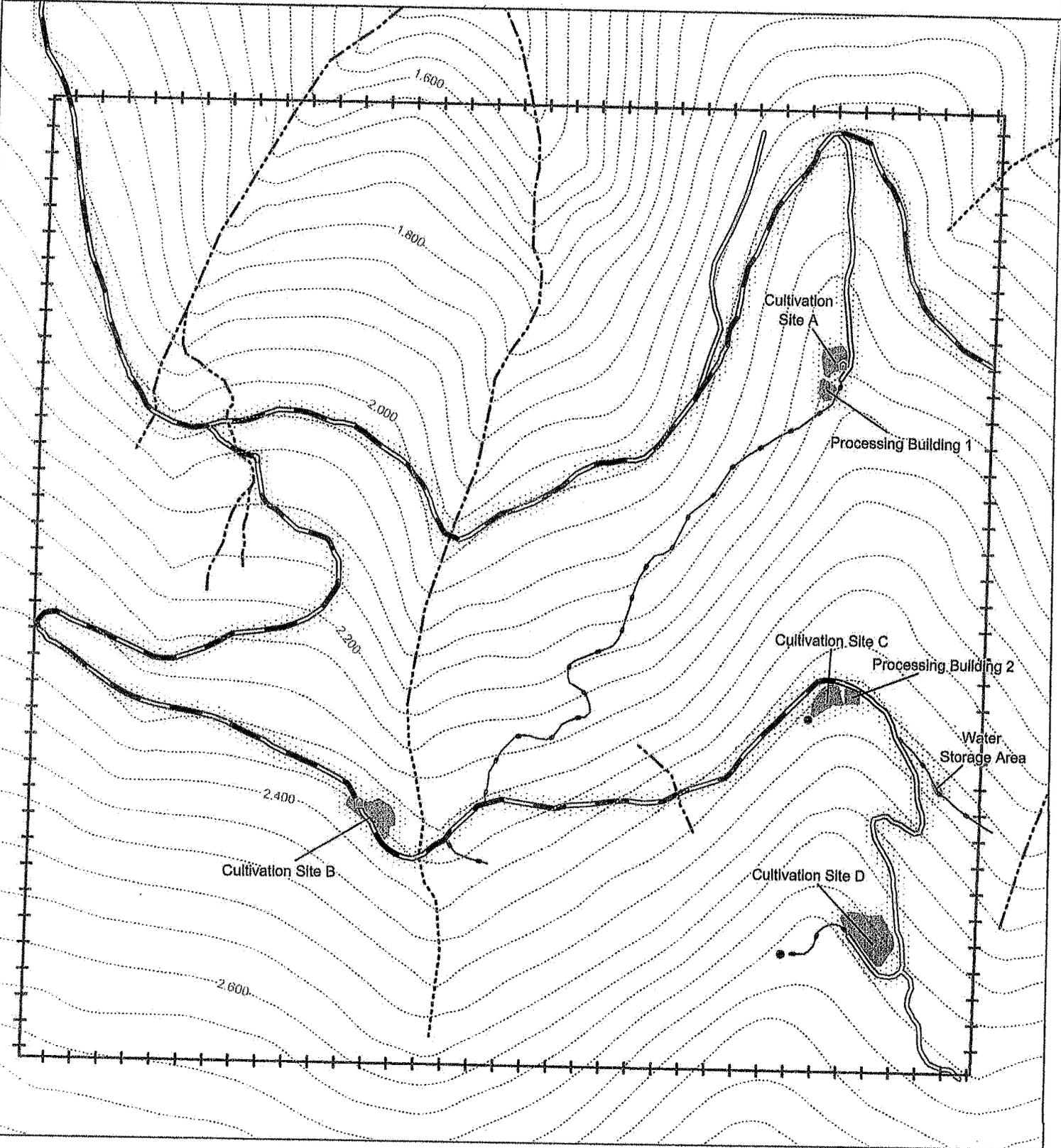
Inspected Area**



Revised: 10/20/18



*The property boundary depicted is adapted from the Humboldt County Assessor's parcel map and WRPP Site Map. This mapped boundary may not precisely align with the geographic boundary on the ground. The RPF is not responsible for surveying property boundaries.
 **The shaded area represents the extent of the inspected area. All watercourses and landscape features within the shaded area are mapped to the best of the RPF's ability. All features mapped outside of the inspected area are adapted from the Quadrangle and WRPP Site Map; accuracy may vary.



FloraCanna Cares - Timberland Conversion Evaluation DOQ Map 1 (1998 Imagery)

APN: 523-026-003

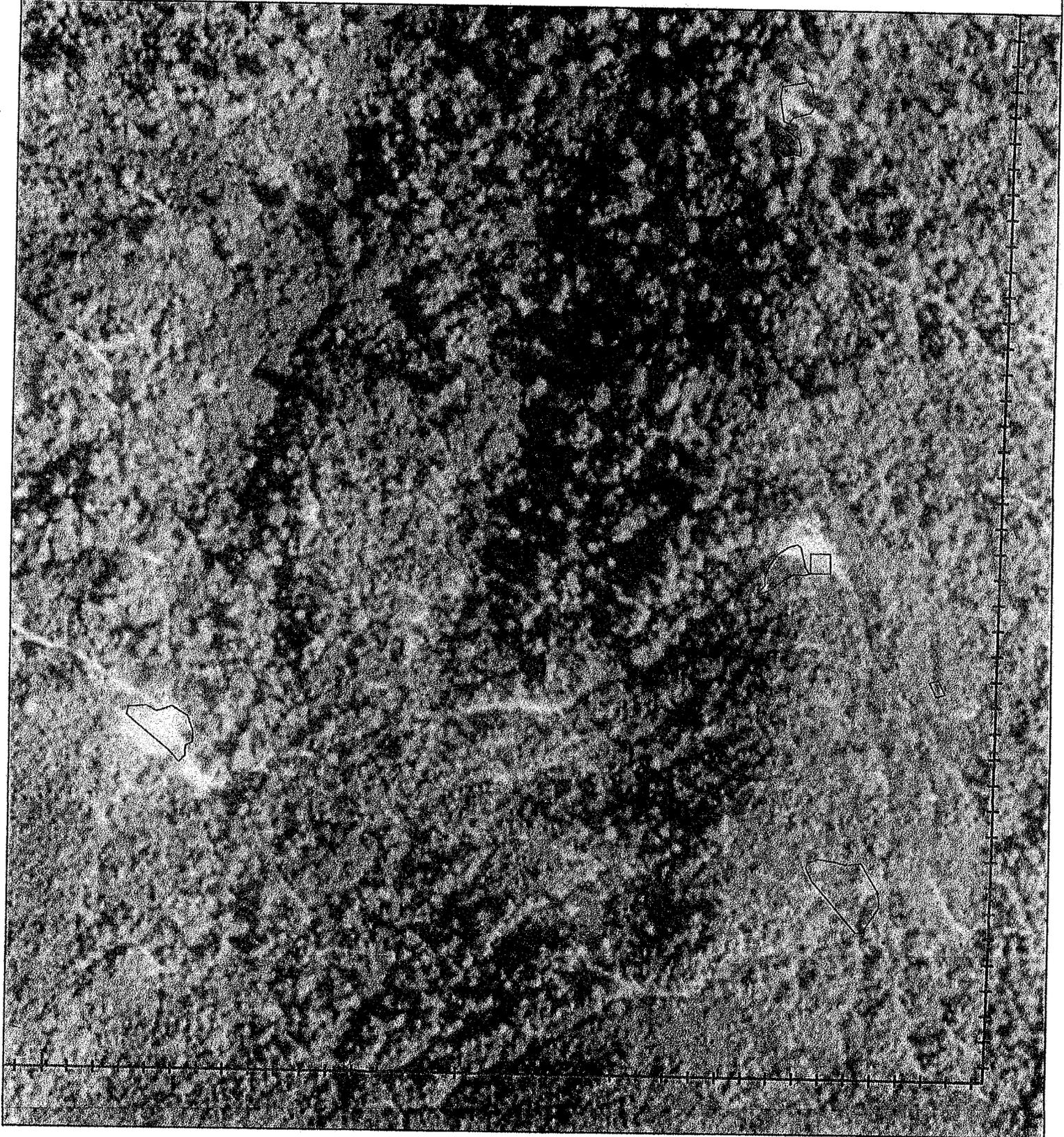
NE 1/4 of Sec. 22, T7N, R5E;
HB&M, Humboldt County
USGS 7.5' Quad: Salyer
Map Scale: 1" = 250'



Revised: 10/24/18

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FloraCanna Cares - Timberland Conversion Evaluation DOQ Map 2 (2009 Imagery)

APN: 523-026-003

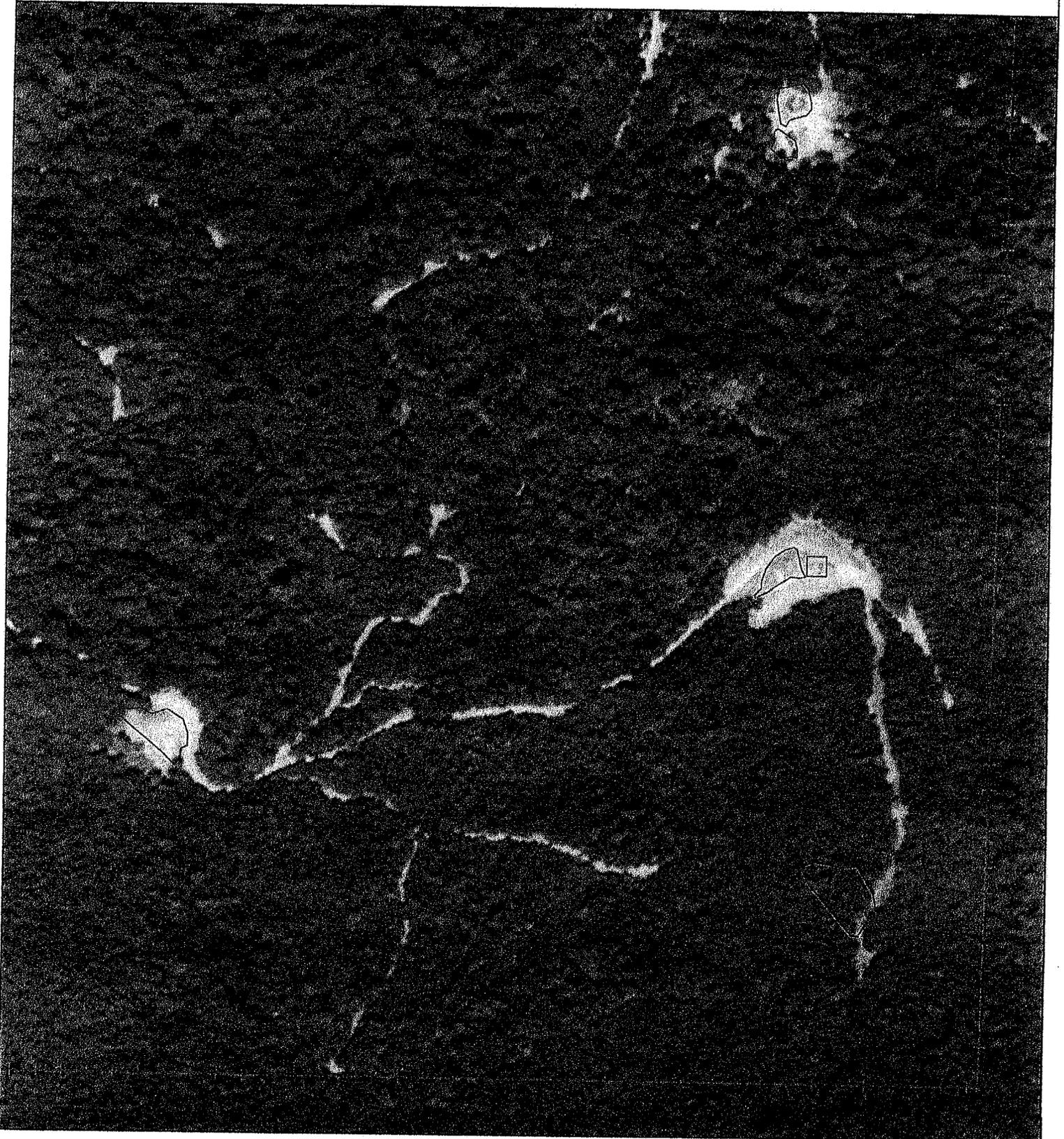
NE 1/4 of Sec. 22, T7N, R5E;
HB&M, Humboldt County
USGS 7.5' Quad: Salyer
Map Scale: 1" = 250'



Revised: 10/24/18

*The property boundary depicted is adapted from the Humboldt County Assessor's parcel map and WRPP Site Map. This mapped boundary may not precisely align with the geographic boundary on the ground. The RPF is not responsible for surveying property boundaries.

**The shaded area represents the extent of the inspected area. All watercourses and landscape features within the shaded area are mapped to the best of the RPF's ability. All features mapped outside of the inspected area are adapted from the Quadrangle and WRPP Site Map; accuracy may vary.



FloraCanna Cares - Timberland Conversion Evaluation DOQ Map 3 (2016 Imagery)

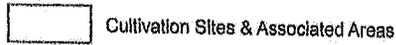
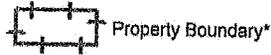
APN: 523-026-003

NE 1/4 of Sec. 22, T7N, R5E;

HB&M, Humboldt County

USGS 7.5' Quad: Salyer

Map Scale: 1" = 250'



Revised: 10/24/18

*The property boundary depicted is adapted from the Humboldt County Assessor's parcel map and WRPP Site Map. This mapped boundary may not precisely align with the geographic boundary on the ground. The RPF is not responsible for surveying property boundaries.

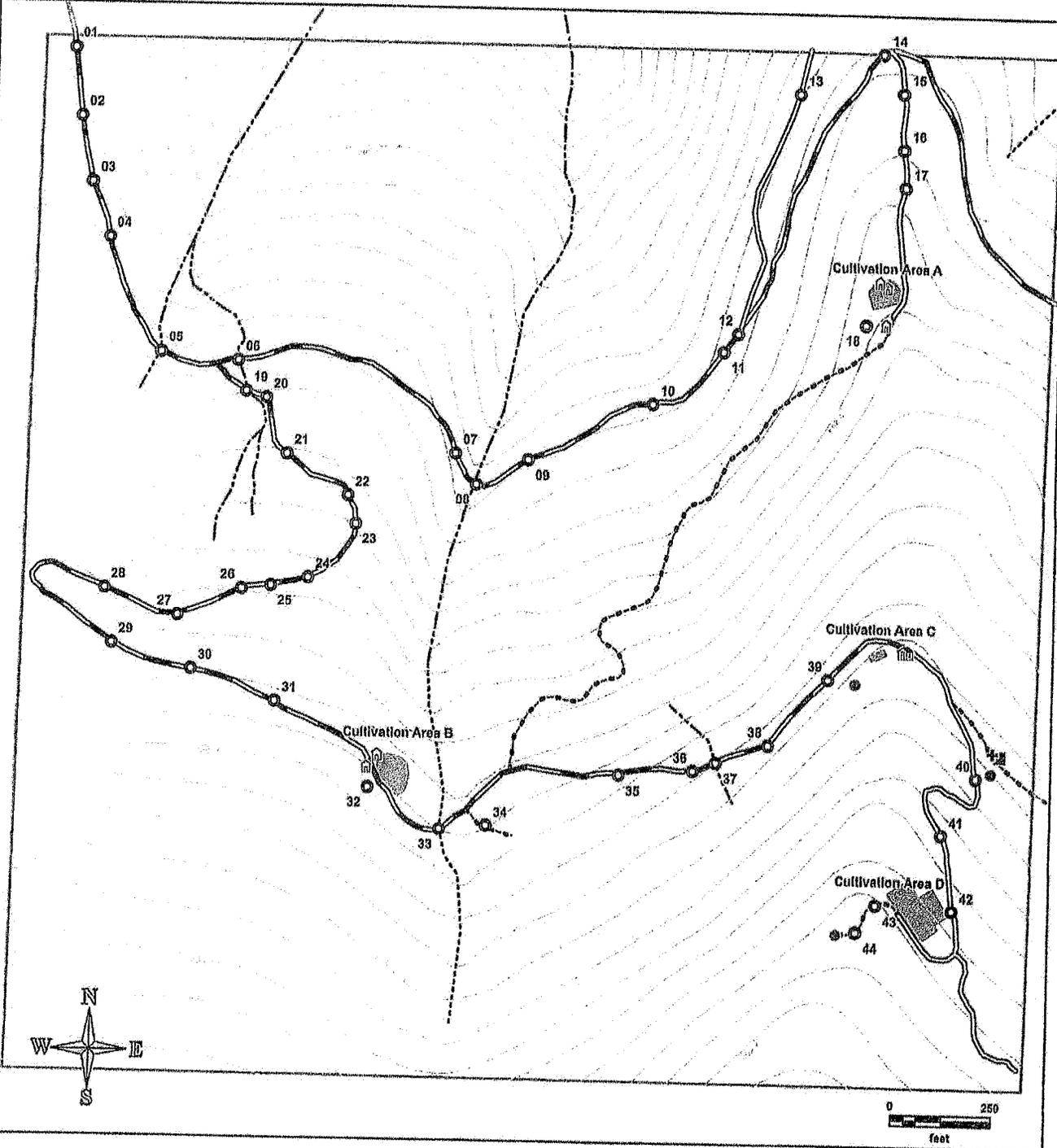
**The shaded area represents the extent of the inspected area. All watercourses and landscape features within the shaded area are mapped to the best of the RPF's ability. All features mapped outside of the inspected area are adapted from the Quadrangle and WRPP Site Map; accuracy may vary.



Water Resource Protection Plan Site Map [WDID# - 1B16468CHUM]



- | | | |
|-------------------|---------------------|--------------|
| Property Boundary | Roads | Unique Point |
| Cultivation Area | Permanent | House |
| | Seasonal | Structure |
| | Trail | Bladder |
| | Watercourses | Tank |
| | Class I | Well |
| | Class II | |
| | Class III | |



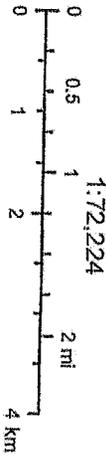
APN 523-026-003 - CNDDDB Map

Unprocessed Data from
 CNDDDB Online Field
 Survey Form [ds1002]

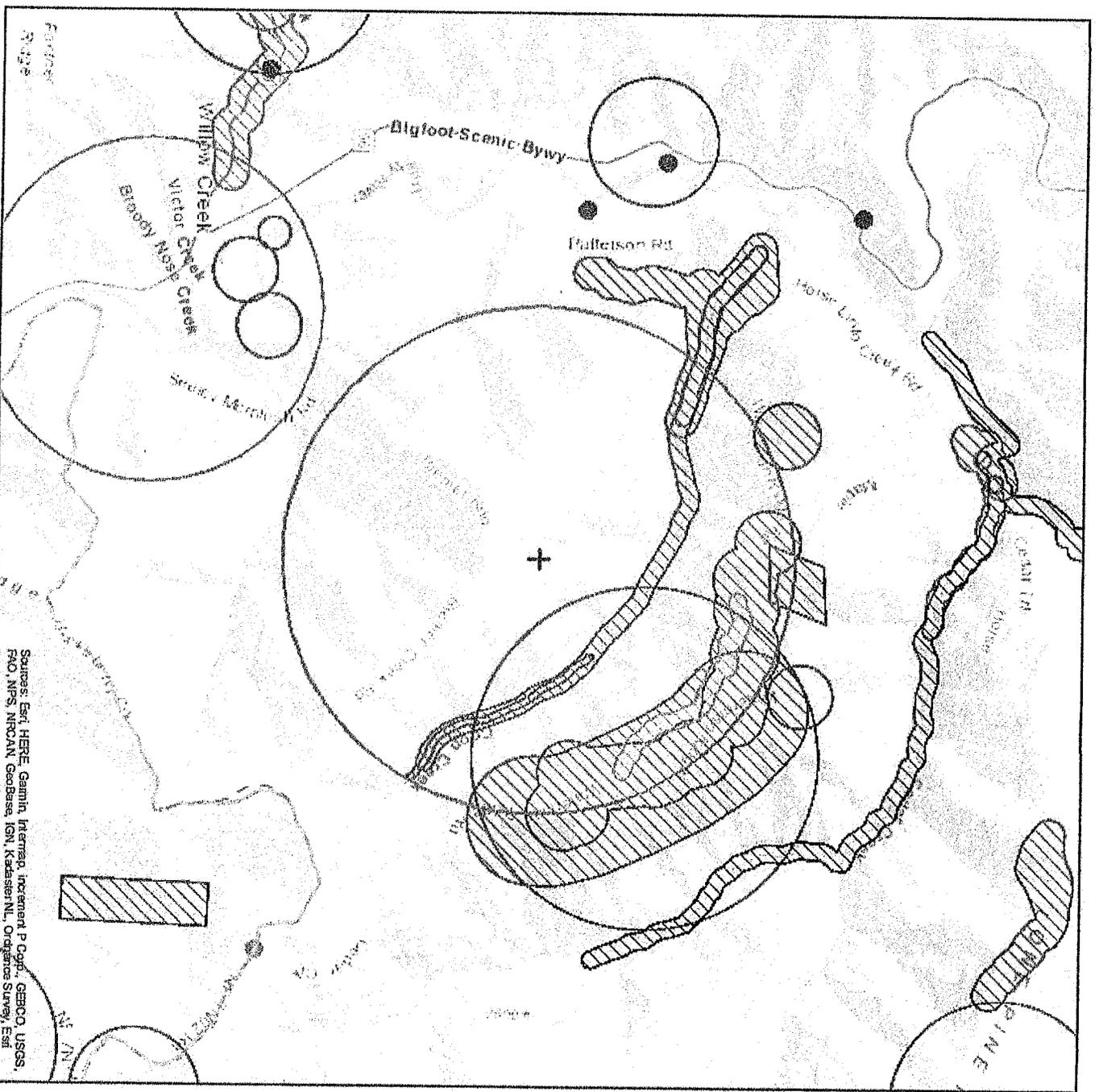
- ▲ Animal
- ▲ Plant

California Natural Diversity
 Database (CNDDDB) Commercial
 [ds85]

- Plant (80m)
- ▨ Plant (Specific)
- ▧ Plant (non-specific)
- Plant (circular)
- Animal (80m)
- ▨ Animal (Specific)
- ▧ Animal (non-specific)
- Animal (circular)
- Terrestrial Comm. (80m)
- ▨ Terrestrial Comm. (Specific)
- ▧ Terrestrial Comm. (non-specific)
- Terrestrial Comm. (circular)
- Aquatic Comm. (80m)
- ▨ Aquatic Comm. (Specific)
- ▧ Aquatic Comm. (non-specific)
- Aquatic Comm. (circular)
- Multiple (80m)
- ▨ Multiple (Specific)
- ▧ Multiple (non-specific)
- Multiple (circular)
- Sensitive EO's (Commercial only)



October 24, 2018



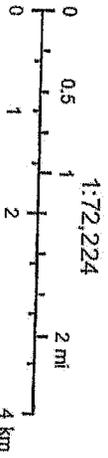
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri

APN 523-026-003 - NSO Map

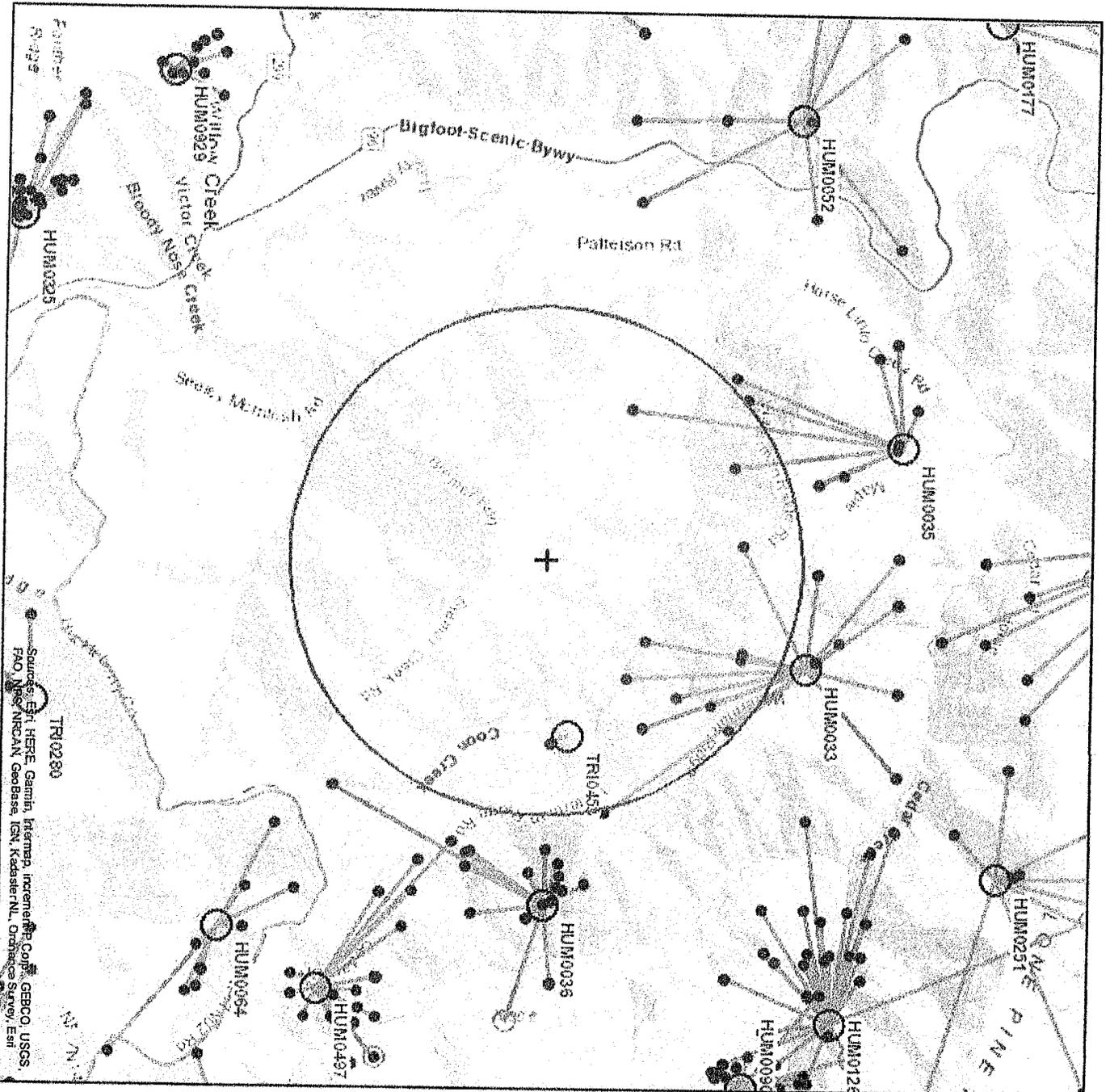
Unprocessed Data from
 CNDDb Online Field
 Survey Form [ds1002]

▲ Animal
 ▲ Plant
 Spotted Owl Observations
 [ds704]

- Positive Observation
- Negative Observation
- Activity Center
- Not Valid Activity Center
- ◇ Abandoned
- Spotted Owl Observations Spider Diagram [ds705]



October 24, 2018



Sources: Esri, HERE, Garmin, Intermap, iPC, GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri

CNDDDB Tables

Plants: Sensitive, Rare, Threatened, or Endangered Species or Species of Special Concern

Species	Listing/Status	Year(s) of Observation	Description of Observation
Small groundcone <i>Kopslopsis hookeri</i>	Rare Plant: 2B.3	1978	1 plant observed.
Relevance: <ul style="list-style-type: none"> • Presumed extant in a 90-acre polygon northeast of the property, as close as 5,000 feet from the nearest cultivation site or associated area. • Habitat exists on the property, but no negative impacts likely occurred. 			

Animals: Sensitive, Rare, Threatened, or Endangered Species or Species of Special Concern

Species	Listing/Status	Year(s) of Observation	Description of Observation
Humboldt marten <i>Martes caurina</i> <i>humboldtensis</i>	State: Candidate Endangered CDFW: Species of Special Concern	1972	Unknown.
Relevance: <ul style="list-style-type: none"> • Presumed extant in 1,985-acre polygon northeast of the property as close as 800 feet from the nearest cultivation sites and associated areas. • Habitat may exist on the property, but no negative impacts likely occurred. 			
Fisher – West Coast DPS <i>Pekania pennanti</i>	State: Threatened CDFW: Species of Special Concern	1966, 1970, 1971, 1973, 1979, 1980, 1985	Various observations.
Relevance: <ul style="list-style-type: none"> • Presumed extant in: <ul style="list-style-type: none"> ○ a 943-acre polygon north of the property, as close as 5,900 feet from the nearest cultivation site or associated area, as well as in ○ a 66-acre polygon north of the property, as close as 6,100 feet from the nearest cultivation site or associated area ○ a 288-acre polygon northeast of the property, as close as 4,800 feet from the nearest cultivation site or associated area • Habitat exists on the property, but no negative impacts likely occurred. 			
Del Norte salamander <i>Plethodon elongatus</i>	Not listed CDFW: Watch List	1984, 1985, 1989, 1998, 1999, 2000, 2001	Various observations.
Relevance: <ul style="list-style-type: none"> • Presumed extant in: <ul style="list-style-type: none"> ○ a 31-acre polygon east and southeast of the property, as close as 2,400 feet from the nearest cultivation site or associated area, as well as in ○ a 697-acre polygon north and northeast of the property, as close as 4,400 feet from the nearest cultivation site or associated area • Habitat may exist on the property, but no negative impacts likely occurred. 			
Foothill yellow-legged frog <i>Rana boylli</i>	State: Candidate Threatened CDFW: Species of Special Concern	1985	Two frogs observed in Coon Creek.
Relevance: <ul style="list-style-type: none"> • Presumed extant in a 65-acre polygon northwest of the property, as close as 5,600 feet from the nearest cultivation site or associated Habitat exists on the property, but no negative impacts likely occurred. • Habitat may exist on the property, but no negative impacts likely occurred. 			

CNDDDB Tables cont'd

Species	Listing/Status	Year(s) of Observation	Description of Observation
Southern torrent salamander <i>Rhyacotriton variegatus</i>	Not listed CDFW: Species of Special Concern	1989	2 individuals captured and released in Coon Creek.
Relevance: <ul style="list-style-type: none"> • Presumed extant in a 248-acre polygon north and west of the property, as close as 1,900 feet from the nearest cultivation site or associated area, as well as in • Habitat may exist on the property, but no negative impacts likely occurred. 			

Northern Spotted Owl (NSO) Observations

NSO Activity Center	Year(s) of Establishment	Proximity to Project
TRI0453	2012	More than 4,700 feet east from nearest cultivation site or associated area.



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California Department of Fish and Wildlife
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Query Criteria: BIOS selection

<i>Plethodon elongatus</i>		Element Code: AAAAD12050	
Del Norte salamander			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G4
	State: None		State: S3
	Other: CDFW_WL-Watch List, IUCN_NT-Near Threatened		
Habitat:	General: OLD-GROWTH ASSOCIATED SPECIES WITH OPTIMUM CONDITIONS IN THE MIXED CONIFER/HARDWOOD ANCIENT FOREST ECOSYSTEM.		
	Micro: COOL, MOIST, STABLE MICROCLIMATE, A DEEP LITTER LAYER, CLOSED MULTI-STORIED CANOPY, DOMINATED BY LARGE, OLD TREES.		
Occurrence No.	45	Map Index: 24228	EO Index: 24428
Occ. Rank:	Unknown	Presence: Presumed Extant	Element Last Seen: 1989-04-XX
Occ. Type:	Natural/Native occurrence	Trend: Unknown	Site Last Seen: 1989-04-XX
			Record Last Updated: 1996-04-23
Quad Summary:	Salzer (4012385)		
County Summary:	Humboldt		
Lat/Long:	40.96512 / -123.57844	Accuracy:	nonspecific area
UTM:	Zone-10 N4535046 E451326	Elevation (ft):	2100
PLSS:	T07N, R05E, Sec. 23 (H)	Acres:	31.4
Location:	COON CREEK, 3 MILES NORTHEAST OF WILLOW CREEK.		
Detailed Location:	1.3 MILE SECTION OF COON CREEK, BEGINNING 1.2 MILES SOUTH OF MAPLE SPRING AND CONTINUING UPSTREAM.		
Ecological:			
General:	UNKNOWN NUMBER OF SALAMANDERS FOUND DURING MARCH & APRIL 1989 BY WELSH & LIND.		
Owner/Manager:	USFS-SIX RIVERS NF		
Occurrence No.	47	Map Index: 24230	EO Index: 24482
Occ. Rank:	Unknown	Presence: Presumed Extant	Element Last Seen: 2001-04-06
Occ. Type:	Natural/Native occurrence	Trend: Unknown	Site Last Seen: 2001-04-06
			Record Last Updated: 2013-06-05
Quad Summary:	Salzer (4012385)		
County Summary:	Humboldt		
Lat/Long:	40.97894 / -123.57204	Accuracy:	nonspecific area
UTM:	Zone-10 N4536577 E451874	Elevation (ft):	2800
PLSS:	T07N, R05E, Sec. 13 (H)	Acres:	697.0
Location:	WATERMAN RIDGE, FOUR MILES NORTHEAST OF WILLOW CREEK.		
Detailed Location:	MAPPED GENERALLY FROM USFS NRIS DATABASE RECORDS. WEL86U0001 SITE WAS "WATERMAN EAST" AND LOCATION IN 2004 ARTICLE STATED AS "WATERMAN RIDGE;" IT'S VERY LIKELY THAT MAHONEY'S (2004) DATA CAME FROM SAMPLES COLLECTED BY WELSH (1986).		
Ecological:	HABITAT WAS DOUGLAS-FIR DOMINATED MIXED CONIFEROUS-HARDWOOD FOREST (1986).		
General:	UP TO 2 DETECTED IN 1984. 1 TRAPPED IN 1985. UP TO 25 DETECTED IN 1989, 1 IN 1998 & 1999, 7 IN 2000, AND 40 IN 2001. 2 TISSUE SAMPLES COLLECTED BY USFS CREWS ON UNKNOWN DATE(S) WERE MTDNA TESTED BY MAHONEY (2004) AND IDED AS P. ELONGATUS.		
Owner/Manager:	USFS-SIX RIVERS NF		



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<i>Rhyacotriton variegatus</i>		Element Code: AAAAJ01020	
southern torrent salamander			
Listing Status:	Federal: None	CNDDDB Element Ranks:	Global: G3G4
	State: None		State: S2S3
	Other: CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive		
Habitat:	General: COASTAL REDWOOD, DOUGLAS-FIR, MIXED CONIFER, MONTANE RIPARIAN, AND MONTANE HARDWOOD-CONIFER HABITATS. OLD GROWTH FOREST.		
	Micro: COLD, WELL-SHADED, PERMANENT STREAMS AND SEEPAGES, OR WITHIN SPLASH ZONE OR ON MOSS-COVERED ROCKS WITHIN TRICKLING WATER.		
Occurrence No.	51	Map Index: A2370	EO Index: 24458
Occ. Rank:	Unknown	Presence: Presumed Extant	Element Last Seen: 1989-06-14
Occ. Type:	Natural/Native occurrence	Trend: Unknown	Site Last Seen: 1989-06-14
			Record Last Updated: 2016-10-27
Quad Summary:	Salyer (4012385), Willow Creek (4012386)		
County Summary:	Humboldt		
Lat/Long:	40.97547 / -123.59841		Accuracy: nonspecific area
UTM:	Zone-10 N4536206 E449654		Elevation (ft): 1200
PLSS:	T07N, R05E, Sec. 15 (H)		Acres: 248.0
Location:	COON CREEK DRAINAGE, ABOUT 2.8 MILES N TO NE OF THE TOWN OF WILLOW CREEK.		
Detailed Location:	LOCATION(S) DESCRIBED BY SOURCES AS COON CREEK, T7N, R5E, SECTIONS 15 AND 16, AS WELL AS COON CREEK TRIBUTARY, T7N, R5E, SECTION 24. MAPPED BY CNDDDB NON-SPECIFICALLY ALONG THE STRETCH OF COON CREEK FROM SECTION 23 DOWN TO SECTION 16.		
Ecological:			
General:	2 INDIVIDUALS WERE CAPTURED AND RELEASED ON 14 JUN 1989.		
Owner/Manager:	USFS-SIX RIVERS NF, PVT		



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<i>Rana boylei</i>		Element Code: AAABH01050	
foothill yellow-legged frog			
Listing Status:	Federal: None	CNDDB Element Ranks:	Global: G3
	State: Candidate Threatened		State: S3
	Other: BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_NT-Near Threatened, USFS_S-Sensitive		
Habitat:	General: PARTLY-SHADED, SHALLOW STREAMS AND RIFFLES WITH A ROCKY SUBSTRATE IN A VARIETY OF HABITATS.		
	Micro: NEEDS AT LEAST SOME COBBLE-SIZED SUBSTRATE FOR EGG-LAYING. NEEDS AT LEAST 15 WEEKS TO ATTAIN METAMORPHOSIS.		

Occurrence No.	59	Map Index: 24229	EO Index: 24277	Element Last Seen: 1985-08-07
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen: 1985-08-07
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2018-08-29
Quad Summary:	Salyer (4012385), Willow Creek (4012386)			
County Summary:	Humboldt			
Lat/Long:	40.98207 / -123.62131		Accuracy:	nonspecific area
UTM:	Zone-10 N4536952 E447732		Elevation (ft):	700
PLSS:	T07N, R05E, Sec. 16 (H)		Acres:	65.0
Location:	LOWER PORTION OF COON CREEK, 3 MILES NORTH OF THE TOWN OF WILLOW CREEK, SIX RIVERS NATIONAL FOREST.			
Detailed Location:	LOCALITY DESCRIBED AS COON CREEK, T7N, R6E, SECTION 16, 700 FOOT ELEVATION.			
Ecological:	CREEK IN A 61 YEAR OLD FOREST STAND.			
General:	TWO FROGS FOUND DURING AQUATIC SAMPLING CONDUCTED ON 7 AUG 1985.			
Owner/Manager:	USFS-SIX RIVERS NF			

<i>Martes caurina humboldtensis</i>		Element Code: AMAJF01012	
Humboldt marten			
Listing Status:	Federal: None	CNDDB Element Ranks:	Global: G5T1
	State: Candidate Endangered		State: S1
	Other: CDFW_SSC-Species of Special Concern, USFS_S-Sensitive		
Habitat:	General: OCCURS ONLY IN THE COASTAL REDWOOD ZONE FROM THE OREGON BORDER SOUTH TO SONOMA COUNTY.		
	Micro: ASSOCIATED WITH LATE-SUCCESSIONAL CONIFEROUS FORESTS, PREFER FORESTS WITH LOW, OVERHEAD COVER.		

Occurrence No.	10	Map Index: 55509	EO Index: 55509	Element Last Seen: 1972-10-05
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen: 1972-10-05
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2004-05-14
Quad Summary:	Salyer (4012385)			
County Summary:	Humboldt			
Lat/Long:	40.97717 / -123.57352		Accuracy:	1 mile
UTM:	Zone-10 N4536381 E451749		Elevation (ft):	3100
PLSS:	T07N, R05E, Sec. 14, SE (H)		Acres:	0.0
Location:	WATERMAN RIDGE, 4 MILES NW OF WILLOW CREEK, SIX RIVERS NATIONAL FOREST.			
Detailed Location:	LOCATION GIVEN AS "WATERMAN RIDGE, ROAD 7N02." "ELEVATION: 3100."			
Ecological:	HABITAT GIVEN AS "FOREST TYPE: D DOUGLAS-FIR."			
General:	SOURCE: SIX RIVERS NATIONAL FOREST.			
Owner/Manager:	USFS-SIX RIVERS NF			



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***Pekania pennanti***

Element Code: AMAJF01021

fisher - West Coast DPS

Listing Status: Federal: None

CNDDB Element Ranks: Global: G5T2T3Q

State: Threatened

State: S2S3

Other: BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, USFS_S-Sensitive

Habitat: General: INTERMEDIATE TO LARGE-TREE STAGES OF CONIFEROUS FORESTS AND DECIDUOUS-RIPARIAN AREAS WITH HIGH PERCENT CANOPY CLOSURE.

Micro: USES CAVITIES, SNAGS, LOGS AND ROCKY AREAS FOR COVER AND DENNING. NEEDS LARGE AREAS OF MATURE, DENSE FOREST.

Occurrence No.	196	Map Index: 07346	EO Index: 23533	Element Last Seen:	1985-07-11
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1985-07-11
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-12-03

Quad Summary: Salyer (4012385)

County Summary: Humboldt

Lat/Long: 40.98927 / -123.59283

Accuracy: nonspecific area

UTM: Zone-10 N4537735 E450133

Elevation (ft): 1780

PLSS: T07N, R05E, Sec. 10, SE (H)

Acres: 66.0

Location: JUST NORTH OF FOREST ROUTE 4 (AKA WATERMAN RIDGE RD) ABOUT 0.6 MI WEST OF MAPLE SPRING & 6 MI SE OF HOOPA.

Detailed Location: DFG: "T7N R5E 10 SE SE." BUR: "T7N R5E 10 NE NE, FOREST RTE 4, 0.5 MI W OF MAPLE SPRING." REFER TO SAME OBS BUT DISCREPANCY IN TRS DESIGNATION; SE SE IS NEAR RD & WEST OF SPRING, SO MAPPED THERE AS PER DFG TRS & PER BUR DESCRIPTION.

Ecological:

General: OBSERVATION BY LANE ON 11 JUL 1985.

Owner/Manager: USFS-SIX RIVERS NF

Occurrence No.	222	Map Index: 07316	EO Index: 23510	Element Last Seen:	1980-12-09
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen:	1980-12-09
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated:	2009-12-03

Quad Summary: Salyer (4012385), Willow Creek (4012386)

County Summary: Humboldt

Lat/Long: 40.98186 / -123.62349

Accuracy: nonspecific area

UTM: Zone-10 N4536931 E447548

Elevation (ft): 740

PLSS: T07N, R05E, Sec. 16 (H)

Acres: 288.0

Location: VICINITY OF COON CRK & RD 10N02 (7N05) (AKA HORSE LINTO CRK RD) JUST E OF TRINITY RIVER & HWY 96.

Detailed Location: "T7N R5E 16, COON CRK NEAR 10N02", "T7N R5E 16 NE NW, RD 10N02 0.5 MI FROM COON CRK" & "T7N R5E16 SE SW, RD 10N02 0.5 MI S COON CRK." MAPPED TO COON CRK & ROAD 10N02 IN SEC 16.

Ecological: 1973: HARDWOOD WOODLAND.

General: FEMALE WITH 2 YOUNG OBS ON 15 JUL 1973. OBS BY ROLAND ON 11 APR 1980. OBS BY LANE ON 9 DEC 1980.

Owner/Manager: USFS-SIX RIVERS NF



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Occurrence No.	227	Map Index: 07370	EO Index: 23502	Element Last Seen: 1980-09-24
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen: 1980-09-24
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2009-12-03

Quad Summary: Salyer (4012385)

County Summary: Humboldt

Lat/Long:	40.97712 / -123.57063	Accuracy:	nonspecific area
UTM:	Zone-10 N4536374 E451991	Elevation (ft):	2800
PLSS:	T07N, R05E, Sec. 13, SW (H)	Acres:	943.0

Location: VICINITY OF WATERMAN RIDGE, BETWEEN CEDAR & COON CREEKS, ABOUT 4 MI ENE TO NE OF WILLOW CREEK (TOWN).

Detailed Location: "T7N R5E 13/14/24 WATERMAN RIDGE", "T7N R5E 14 NE RD 7N02.5 MI S MAPLE SPRING", "T7N R5E 24 WATERMAN RIDGE", "T7N R6E 24 NW SE RD 7N02 0.5 MI E COON CRK" & "HAWKINS BAR RD NEAR WATERMAN RIDGE, PROB IN HUM COUNTY." MAPPED TO WATERMAN RIDGE.

Ecological: DOUGLAS-FIR.

General: OBS AT RIDGE IN SUMMER 1966. TREED BY DOGS AT RIDGE IN FALL 1970. OBS BY DAVIS & CHISHOLM ON RD NEAR RIDGE IN NOV '71; OVERTOOK & KILLED GRAY FOX. OBS BY BRUCE ON RD IN NE SEC 14 ON 11 DEC 1979. OBS BY MCCOY ON RD IN NW SEC 24, 24 SEP 1980.

Owner/Manager: USFS-SIX RIVERS NF

<i>Kopsiopsis hookeri</i>		Element Code: PDORO01010
small groundcone		
Listing Status:	Federal: None	CNDDB Element Ranks: Global: G4?
	State: None	State: S1S2
	Other: Rare Plant Rank - 2B.3	
Habitat:	General: NORTH COAST CONIFEROUS FOREST.	
	Micro: OPEN WOODS, SHRUBBY PLACES, GENERALLY ON GAULTHERIA SHALLON. 120-1435 M.	

Occurrence No.	5	Map Index: 35126	EO Index: 13	Element Last Seen: 1978-06-05
Occ. Rank:	Unknown		Presence: Presumed Extant	Site Last Seen: 1978-06-05
Occ. Type:	Natural/Native occurrence		Trend: Unknown	Record Last Updated: 2015-12-31

Quad Summary: Salyer (4012385)

County Summary: Humboldt

Lat/Long:	40.98203 / -123.57967	Accuracy:	nonspecific area
UTM:	Zone-10 N4536924 E451235	Elevation (ft):	2000
PLSS:	T07N, R05E, Sec. 14 (H)	Acres:	90.0

Location: NEAR WATERMAN RIDGE ROAD 12 MILES FROM TERMINUS WITH HIGHWAY 299.

Detailed Location: EXACT LOCATION UNKNOWN. MAPPED AS BEST GUESS BY CNDDB ALONG WATERMAN RIDGE RD WITHIN SECTION 14, BASED ON TRS GIVEN ON COLLECTION LABEL.

Ecological: DENSE FOREST LITTER IN A MIXED EVERGREEN SETTING. PLANT GROWING ON MADRONE.

General: ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1978 COLLECTION BY YORK. NEEDS FIELDWORK.

Owner/Manager: USFS-SIX RIVERS NF

TRIBAL CONTACTS – HUMBOLDT COUNTY

(Central Division - Trinidad South to Loleta)

Updated July 2, 2018

Native American Heritage Commission

1550 Harbor Blvd., Room 100

West Sacramento, CA 95691

(916) 373-3710

FAX (916) 373-5471

Attn.: Ms. Gayle Totton gayle.totton@nahc.ca.gov

Bear River Band of Rohnerville Rancheria*

Barry Brenard, Chairman

Erika Cooper, Tribal Historic Preservation Officer

266 Kiesner Road

Loleta, CA 95551

Tribal Affiliation: Wiyot, Mattole

(707) 733-1900 / (707) 733-1723 Fax

Blue Lake Rancheria*

Claudia Brundin, Chairperson

Arla Ramsey, Tribal Administrator

Janet Eidsness, Tribal Historic Preservation Officer

P. O. Box 428

Blue Lake, CA 95525

Tribal Affiliation: Wiyot, Yurok, Tolowa

(707) 668-5101 / (707) 668-4272 Fax

TRIBAL CONTACTS – HUMBOLDT COUNTY cont'd

Wiyot Tribe*

Ted Hernandez, Chairman

Thomas Torma, Cultural Director/Tribal Historic Preservation Officer

1000 Wiyot Drive

Loleta, CA 95551

Tribal Affiliation: Wiyot Tribe

(707) 733-5055 / (707) 733-5601 Fax

Yurok Tribe of California*

Culture Department

Attn: Frankie Myers, Yurok Tribal Historic Preservation Officer

HC 67

P.O. Box 196

Hoopa, CA 95546

Tribal Affiliation: Yurok

(530) 625-4130 ext. 1629

(707) 498-2536 (cell)

fmyers@yuroktribe.us



165 South Fortuna Boulevard, Fortuna, CA 95540
707-725-1897 • fax 707-725-0972
trc@timberlandresource.com

October 20, 2018

Native American Heritage Commission
Attn: Ms. Gayle Totton
1550 Harbor Blvd., Room 100
West Sacramento, CA 95691

Dear Ms. Gayle Totton:

As the Registered Professional Forester preparing a potential Conversion Exemption per 14CCR 1104.1 for Dahlla Ranch LLC, I am required by the California Forest Practice Rules to notify all Native Americans of this proposed operation with the following information:

1. TIMBER OWNER(S) OF RECORD: Dahlla Ranch LLC
Address: P.O. Box 1174
City: Blue Lake State: CA Zip: 95525 Phone: Tim Busman (707) 502-0245
2. TIMBERLAND OWNER(S) OF RECORD: Dahlla Ranch LLC
Address: P.O. Box 1174
City: Blue Lake State: CA Zip: 95525 Phone: Tim Busman (707) 502-0245
3. LICENSED TIMBER OPERATOR(S): TBD
4. REGISTERED PROFESSIONAL FORESTER PREPARING NOTICE: Name Chris Carroll RPF Number 2628
Address Timberland Resource Consultants, 165 South Fortuna Blvd, Suite 4
City Fortuna State CA Zip 95540 Phone (707) 725-1897
5. AGENCY OF HUMBOLDT COUNTY RESPONSIBLE FOR LAND USE CHANGES: Humboldt County Planning Department
6. PROJECT LOCATION: Located approximately 2.2 air miles north-northeast of Willow Creek, CA, and 5.2 air miles north of Salyer, CA, in the NE 1/4 of Section 22, Township 7 North, Range 5 East, Humboldt County, APN 523-026-003, located on Salyer USGS 7.5' Quadrangle. To access the project area from Willow Creek, CA, on eastbound Highway 299, turn left on to Country Club Road; turn left on to Patterson Road; turn right on to Horse Linto Creek Road; continue for 0.9 miles then turn right on to an unnamed private road; continue for 1.7 miles to reach the property. The project areas are located on the seasonal roads throughout the property.
7. TYPE OF CONVERSION: This is a potential conversion from timberland to agriculture and the maximum size of the conversion is less than 3 acres.

Sincerely,

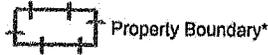


Chris Carroll, RPF #2628
Timberland Resource Consultants

Dahia Ranch, LLC - Timberland Conversion Evaluation General Location Map

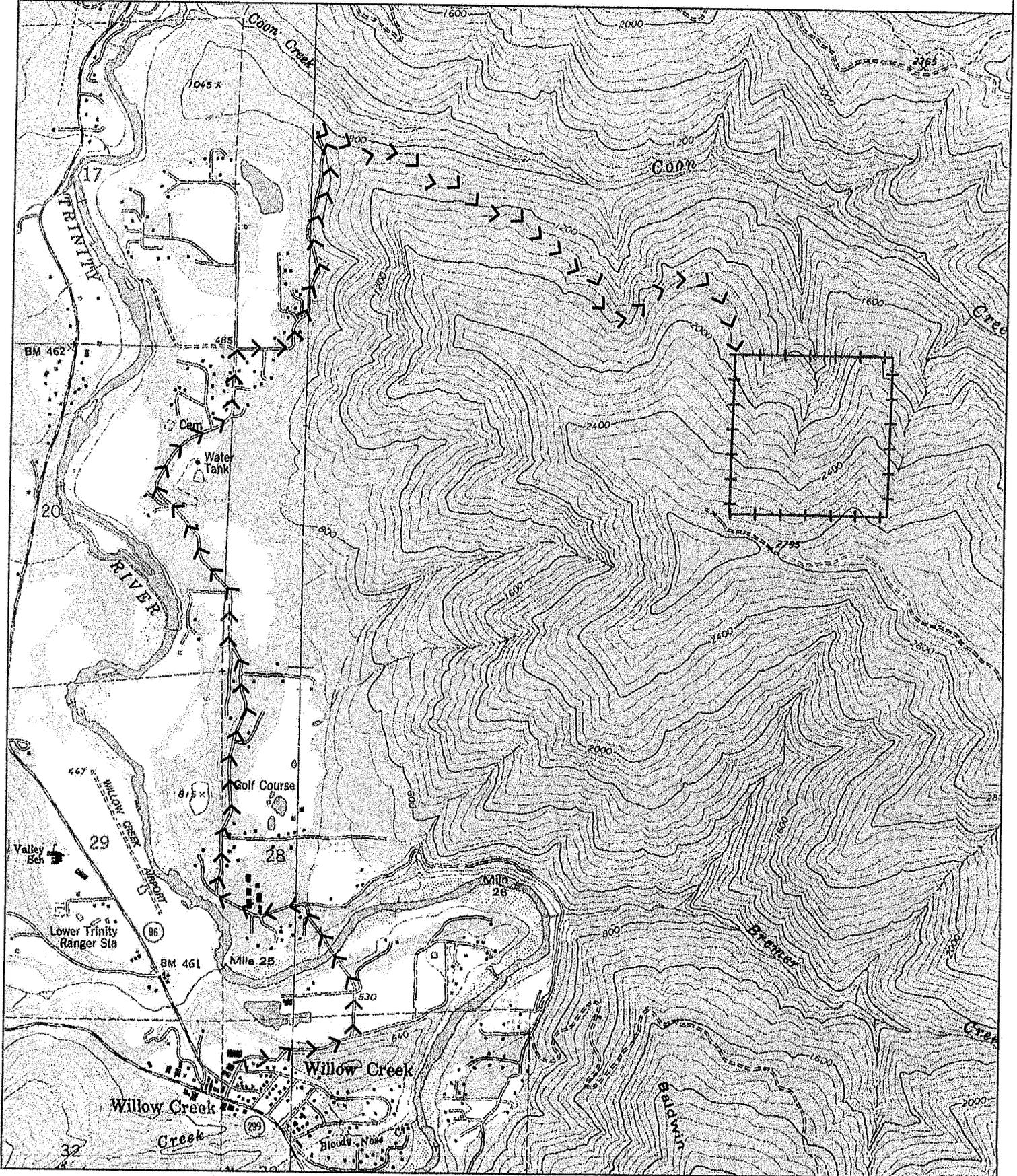
NE 1/4 of Sec. 22, T7N, R5E;
HB&M, Humboldt County
USGS 7.5' Quad: Salyer
Map Scale: 1" = 2,000'

APN: 523-026-003



Revised: 10/19/18

*The property boundary depicted is adapted from the Humboldt County Assessor's Parcel Map and the WRPP Site Map. This mapped boundary may not precisely align with the geographic boundary on the ground. The RPF is not responsible for surveying property boundaries.



Photos

The following photos were taken by Brita Rustad of Timberland Resource Consultants at APN 523-026-003 during the field inspection on February 2nd, 2018.



Photos 1 & 2: Views of Cultivation Site A and Processing Building 1 facing north (top) and west (bottom).

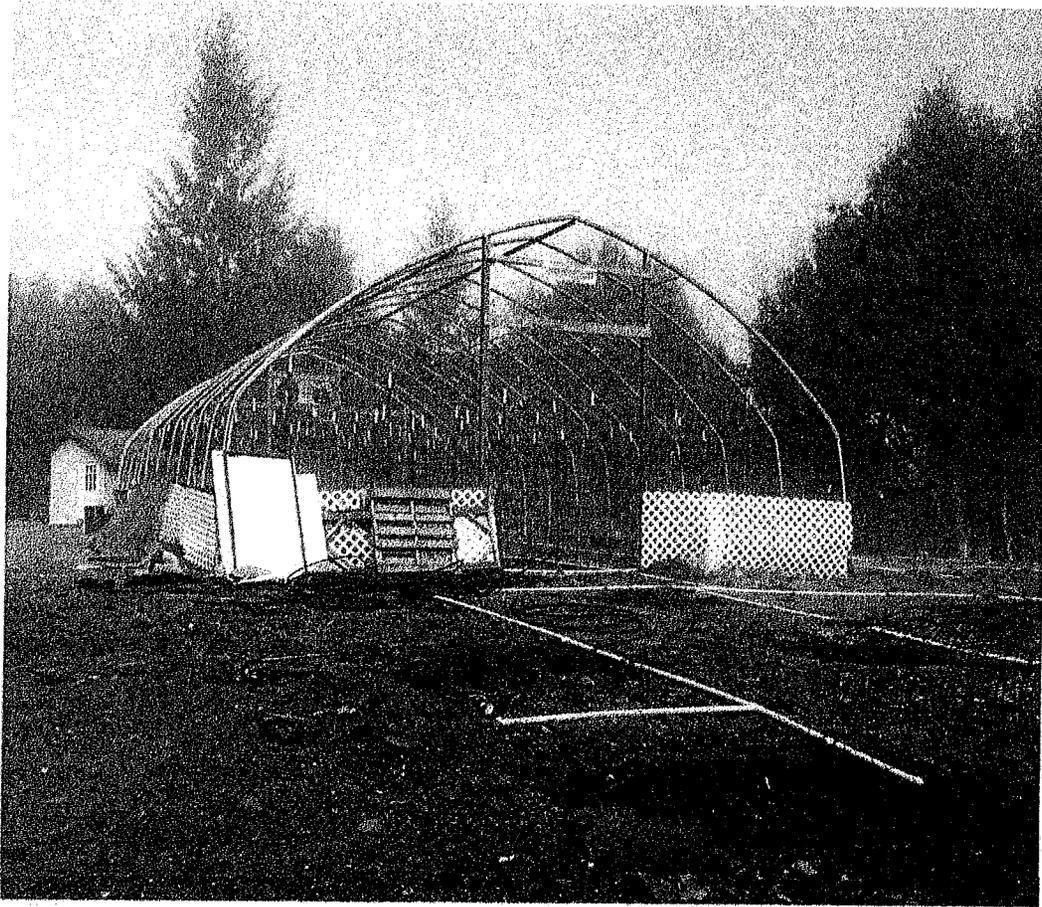


Photo 3: View of Cultivation Site A facing northwest.



Photo 4: View of Cultivation Site C facing west.



Photo 5: View of Cultivation Site D facing west.



Photo 6: View of Processing Building 2 facing southeast.



Photo 7: Views of Water Storage Area facing east.

References

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