



COUNTY OF HUMBOLDT

AGENDA ITEM NO.
C-14

Hearing Date: June 14, 2016
To: Board of Supervisors
From: Robert Wall, Interim Director, Planning and Building Department *RSW*
Subject: Beck Joint Timber Management Plan Application
Case Number JTMP-15-007
Assessor Parcel Number 314-131-084
Kneeland area

RECOMMENDATIONS

That the Board of Supervisors:

1. Approve (by 4/5 vote) the Joint Timber Management Plan (Attachment A);
2. Direct the Planning Staff to record the Declaration of Covenants, Conditions and Restrictions (Declaration) and Joint Timber Management Plan with the County Recorder.
3. Direct the Clerk of the Board to give notice of the decision to the applicant, the Planning Division, and any other interested party.

Prepared by *[Signature]*
Trevor Estlow, Senior Planner

CAO Approval *[Signature]*
Cheryl Dillingham

REVIEW: Auditor _____ County Counsel *MD* Personnel _____ Risk Manager _____ Other _____

TYPE OF ITEM:
 Consent
 Departmental
 Public Hearing
 Other _____

PREVIOUS ACTION/REFERRAL:
Board Order No. _____
Meeting of: _____

BOARD OF SUPERVISORS, COUNTY OF HUMBOLDT
Upon motion of Supervisor *Fennell*
Seconded by Supervisor *Sundberg*
Ayes *Sundberg, Fennell, Lovelace, Bohn*
Nays _____
Abstain _____
Absent *Bass*

and carried by those members present, the Board hereby approves the recommended action contained in this Board report.
Dated: *June 14, 2016* *[Signature]*

SOURCE OF FUNDING: The applicant is responsible for all costs associated with the processing of the project. Applicant fees are deposited into Planning and Building Department Current Planning Revenue Account 1100-277-608000.

DISCUSSION

Gerald Beck has submitted an application for a Joint Timber Management Plan to recognize two parcels within one assessor parcel number.

The subject property is approximately 200 acres in size and is entirely zoned Timber Production Zone (TPZ). A Determination of Parcel Status (Case No. DS-05-88) was completed that found that the assessor parcel number was comprised of two separate, legal parcels of approximately 160 acres and 40 acres in size, respectively. As a result of the Determination of Parcel Status, a Certificate of Subdivision Compliance was recorded for each parcel. One of the parcels is less than 160 acres. Therefore, in order for the Assessor to recognize it separately and assign a parcel number, the recordation of a Joint Timber Management Plan (JTMP) is required because the division of the current assessor parcel number will result in a parcel consisting of less than 160 acres of land zoned Timber Production Zone.

Section 51119.5 of the California Government Code (C.G.C.) and Section 314-12(c)(1) of the Humboldt County Code (H.C.C.) require the preparation of a JTMP and Guide for the "division" of land into assessor parcels containing less than 160 acres of TPZ. Parcel is defined as "*that portion of an assessor's parcel that is timberland*" (C.G.C. Section 51104(i)). The JTMP and Guide is intended to guide the management and harvesting of timber on these smaller TPZ ownerships that result from the division of assessor parcels zoned TPZ into assessor parcels containing less than 160 acres of TPZ. Activities that may result in such a division include subdivision, lot line adjustment, and conveyances of existing land units (e.g. land patents) underlying an assessor's parcel zoned TPZ, when any such created lot, reconfigured parcel or parcel to be conveyed contains less than 160 acres of TPZ land. Such circumstances require the preparation, review and approval of a JTMP and Guide per State law and local ordinance.

The JTMP fulfills a required finding for the division of the property that the resultant parcels are consistent with the purpose of the TPZ, i.e., for the continued growing and harvesting of timber. As the size of timberland parcel becomes smaller (below 160 acres), certain factors affecting the viability of the property to continue in a manner meeting the purpose of the zone become more important. The purpose of the JTMP is to ensure that the resultant parcels meet minimum stocking requirements, have adequate access to public roads and recorded access to private access roads, where needed, and are covered by a management guide which describes recommended silvicultural techniques, cutting cycle, stand regulation and regeneration, immediate stand treatments, fire protection, and other similar management practices. It is further noted that the parcels currently have an approved Non-Industrial Timber Management Plan (1-14-NTMP-007 HUM) providing for sustainable timber management.

Consistent with Section 51119.5 of the C.G.C., a JTMP was prepared by David Cussins with James Able Forestry Consultants, Inc. The County's Forestry Review Committee (FRC) reviewed and recommended approval of the JTMP on December 17, 2015. Pursuant to Section 51119.5, the JTMP must receive a 4/5's affirmative vote of the Board of Supervisors to become effective.

On the basis of the FRC's favorable recommendation, Planning Division staff believes that the JTMP shows that the parcel can be managed consistent with these requirements.

FINANCIAL IMPACT: There will be no impact on the General Fund. The applicant is responsible for paying all actual costs involved in the processing of the application.

OTHER AGENCY INVOLVEMENT: The JTMP was reviewed by the Forestry Review Committee (FRC) on December 17, 2015. The FRC recommended that the Board of Supervisors approve the JTMP.

ALTERNATIVES TO STAFF RECOMMENDATIONS: The Board may choose not to approve the project. Planning Division staff does not recommend this alternative. The JTMP shows that the resultant parcel can be managed for continued timber production.

ATTACHMENTS:

NOTE: The attachments supporting this report have been provided to the Board of Supervisors; copies are available for review in the Clerk of the Board's Office.

- Attachment A: Declaration of Covenants, Conditions and Restrictions Implementing the Sanders Joint Timber Management Plan and Guide
- Attachment B: Copy of the Joint Timber Management Plan
- Attachment C: County Forestry Review Committee Minutes of December 17, 2015
- Attachment D: Certificates of Subdivision Compliance

ATTACHMENT A

**Declaration of Covenants, Conditions and Restrictions Implementing
Joint Timber Management Plan and Guide**

Recording Requested by:
County of Humboldt
Planning and Building Department

Return to:
County of Humboldt
Planning and Building Department
3015 H Street
Eureka, CA 95501-4484

DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS
IMPLEMENTING JOINT TIMBER MANAGEMENT PLAN AND GUIDE

Entered into on:

Assessor Parcel No.:
314-131-084

By and Between **Gerald E. Beck and Jean Heard
Bazemore**

Application No.: **10056**

Case No.: **JTMP-15-007**

RECITALS

DECLARANT is the owner of the property described in the attached EXHIBIT "A" (hereafter called the "subject property"). This Declaration of covenants, Conditions and Restrictions is recorded for the mutual benefit of all the subject property. DECLARANT declares that all of the real property described in the attached EXHIBIT "A" shall be held transferred, encumbered, used, sold, conveyed, leased and occupied subject to the covenants, conditions and restrictions hereafter set forth which covenants, conditions and restrictions are expressly and exclusively for the use and benefit of the above referenced property, and for the benefit and use of each and every person or entity who now owns, or acquires in the future, all or any portion or portions of said real property.

This Joint Timber Management Plan created by these covenants, conditions and restrictions shall be carried out in accordance with the most recent Joint Management Guide prepared with respect to the subject property, which Guide is attached as EXHIBIT "B" and is on file at the Humboldt County Planning and Building Department.

OWNER'S REPRESENTATION

hereby represent that the owner(s) of record of the real properties described in the attached EXHIBIT "A".

(for owner's name(s) and signatures(s))

Gerald E. Beck*

Print name here

Gerald E. Beck

Sign above

Jean Heard Bazemore**

Print name here

Jean Heard Bazemore

Sign above

Print name here

Sign above

Print name here

Sign above

*Trustee of the Gerald E. Beck 2005 Living Trust created May 4, 2005

**an unmarried woman, as her separate property

CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA }
COUNTY OF HUMBOLDT }

On this 1st day of February, 2014, before me, Christine Joyner Public

Notary, personally appeared Gerald E. Beck and Jean Heard Bazemore who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing is true and correct.

Witness my hand and official seal.

Christine Joyner (seal)
Signature



EXHIBIT A

PROPERTY DESCRIPTION

All that real property situated in the County of Humboldt, State of California, described as follows:

PARCEL ONE

The Northwest Quarter of the Northwest Quarter of Section 16 of Township 4 North, Range 2 East, Humboldt Meridian.

PARCEL TWO

The East Half of the Northwest Quarter, and the West Half of the Northeast Quarter of Section 16 of Township 4 North, Range 2 East, Humboldt Meridian.

COVENANTS, CONDITIONS AND RESTRICTIONS APPLICABLE TO
THE PROPERTY DESCRIBED IN EXHIBIT "A"

1. Term. These covenants, conditions and restrictions shall run with the land and shall be binding on all heirs, successors, or assigns of DECLARANT, and on all persons or entities holding any interest in the subject property, for as long as the land is zoned Timber Production (TPZ).
2. Access Easements. In addition to and notwithstanding any other easements of record which may exist, each owner of a parcel described in Exhibit A shall have the non-exclusive easements as described in the Joint Timber Management Plan and attached as Exhibit B.
3. Timber Management and Harvest. Timber management and harvest activities on all parcels described in Exhibit "A" shall be conducted in accordance with the most recently prepared Joint Timber Management Guide applicable to the subject property, on file with the Humboldt County Planning and Building Department and incorporated herein by this reference. Said Guide shall provide for timber harvest within a reasonable period of time.
4. Enforcement. Enforcement may be undertaken by any available proceeding at law or in equity against any person, persons, or entity violating or attempting to violate any of the covenants, conditions and restrictions contained herein. Any remedy available at law or in equity may be sought for the purpose of restraining or preventing any violation of these covenants, conditions and restrictions, or to recover damages for any such violation.
5. Severability. Invalidation of any one of these covenants, conditions and restrictions shall in no way affect or serve to invalidate any of the other provisions contained herein, and all remaining provisions shall remain in full force and effect.
6. Incorporation into Transfer Document(s). A reference to this Declaration of Covenants, Conditions and Restrictions Implementing the Joint Timber Management Plan and Guide and the Recorder's Document Information shall appear in any document which transfers title to the subject property, or any portion thereof, and shall be in substantially the following form:

"This real property is subject to the provisions of a Declaration of Covenants, Conditions and Restrictions Implementing the Joint Timber Management Plan and Guide recorded in the office of the Humboldt County Recorder as Recorder's document _____."

IN WITNESS WHEREOF, DECLARANT(S) has/have executed this Declaration of Covenants, Conditions and Restrictions on the day and year first written below.

JTMP-15-007

APN No.:

314-131-084

Gerald E. Beck

Declarant's (Property Owners') Signature *

2/1/16

Date

Jean Heard Bazemore

Declarant's (Property Owners') Signature *

2/1/16

Date

Declarant's (Property Owners') Signature *

Date

Declarant's (Property Owners') Signature *

Date

* Attach separately full page Notary Acknowledgment Form

CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA }
COUNTY OF HUMBOLDT }

On this 1st day of February, 2016, before me, Christine Joyner Public

Notary, personally appeared Gerald E. Beck and Jean Heard Bazemore who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing is true and correct.

Witness my hand and official seal.

Christine Joyner

Signature

(seal)



ATTACHMENT B

Copy of the Joint Timber Management Plan and Guide



Joint Timber Management Plan

For Gerald E. Beck Trust

For

Parcel #1 & #2

In

Portions of Section 16, T4N, R2E, H. B. & M.

Prepared by
David Cussins, RPF #2849
James L. Able Forestry Consultants, Inc.
1410 2nd Street
Eureka, CA 95501

November 4, 2015

**Beck JTMP
Table of Contents**

<u>Page</u>	<u>Content</u>
1	Table of Contents – Timber Management Guide
2	Introduction, Current Landowner/Address, Stocking, Access
3	Management Statement, Management Objectives, Property Description
4	Location & Legal Status of Right-of-Way & Easements, Location of Improvements & Non-Timber Production Uses
5	Domestic Water, Aspect, Soils, Inventory Method – Parcel #1
6	Stand Information – Parcel #1
7	Domestic Water, Aspect, Soils, Inventory Method – Parcel #2
8	Stand Information – Parcel #2
9	Management Description: Management History, Recommended Silviculture, Cutting Cycle, Stand Regulation & Regeneration, Intermediate Treatments
10	Cutting Cycle, Stand Regulation & Regeneration, Intermediate Treatments, Expected Yields
11	Condition of Access System, Harvesting System, Protection From Fire, Logging Slash Treatment
12	Local Fire Protection Agencies, Emergency Vehicle Access & Emergency Egress, Protection From Insects & Disease, Erosion
13	Management Organization, Management Schedule
14	General Location Map
15	Project Area Map – USGS Quadrangle
16	Project Area Zoning Map
17	Project Area Photo
18	Harvest System Map
19	Soils & Site Map

I. Introduction:

The Beck property is located southeast of Kneeland, California and northwest of the junction of Kneeland Road and Tim Mullen Road. The property is 200 acres in size and is composed of two separate patent parcels. This timber management guide was prepared to facilitate the splitting of this 200 acres into 2 parcels. Parcel #1, which shall be 160 acres, and Parcel #2 which will be 40 acres. Parcel #2 is smaller than 160 acres in size after the proposed split. This timber management guide was prepared in order to facilitate the split.

Landowner's Name and Address:

Gerald E. Beck Trust
P.O. Box 8
Hydesville, CA 95547-0008

Parcel owned by Gerald Beck

I. Stocking

The property consists of three age classes of timber; regeneration, pole and small merchantable timber, and large saw timber. The parcels currently have between 59% and 89% of the area stocked with conifers (to state standards) with the rest of the property containing hardwood species (see below) and/or open prairies. The hardwoods present on the subject property (Parcel #1, Parcel #2) are predominantly tan oak, madrone, pepperwood, white oak, and other miscellaneous hardwoods. The predominant conifer species are Douglas-fir, grand fir, western red cedar, and incidental western hemlock. The species composition, including the dominance of hardwood over portions of the parcels, is a result of historic harvests that targeted predominantly the conifers with minimal reforestation post harvest.

Parcel #1 – 59% Stocked with conifers

Parcel #2 – 89% Stocked with Conifers

Note: Stocking percentages represent the timbered portions of the parcel.

II. Access

The parcels may be accessed by way of Kneeland Road (County Road) with various existing seasonal and permanent roads located within the property utilized in accessing the interior of the parcels. (see Project Area Zoning Map: Page 16)

The main access road is a permanent rocked road that provides access to adjacent landowners as well as the parcels owned by Mr. Beck. This road crosses through the northwest corner of Parcel #1 (160 acres) and from the southeast corner north to the northwest corner of Parcel #2 (40 acres).

III. Management Statement

These parcels are located approximately 2.5 miles southeast of Kneeland, CA.

The Zoning is Timber Production Zone (TPZ) and Agriculture Exclusive (AE).

Parcel #1 is occupied by site III timberland (70%), as well as site IV timberland (20%). The parcel also contains grasslands lacking timberland site designation (2%), as well as a residential, business, industrial area (8%) which also lacks timberland site designation. This parcel is located on two ridge lines which border a main watercourse. The parcel contains some benches and flat points along the side ridges. It is timbered with young, mixed stands of predominantly Douglas-fir, grand fir, western red cedar, tan oak, madrone, pepperwood, white oak, and miscellaneous hardwoods. There is also some incidental western hemlock present within this parcel. Approximately 2% of Parcel #1, located on flat ridge tops, is considered agricultural lands (Agriculture Exclusive zoning).

Parcel #2 is made up of site II timberland (73%), as well as site III timberland (27%). This parcel is located off the east side of a trending ridge running north to south. The parcel is timbered with younger mixed stands of Douglas-fir, grand fir, tan oak, and pepperwood. There is also some incidental western red cedar present within this parcel. Approximately 12% of Parcel #2, lying just off of a trending ridge top, is considered agricultural lands (Agriculture Exclusive zoning).

The Management Objectives for all of the parcels are:

1. Improve timber growth through future selective harvests.
2. Create and maintain unevenaged stands using selective harvests.
3. Maximize recreational, aesthetic, and wildlife values through controlled harvests.
4. Maximize timber production by restocking under stocked areas.

IV. Property Description

A. Legal Description:

Parcel #1

Portions of the N ½ of Section 16, T4N, R2E, H. B. & M.

Assessor's Parcel Number 314-131-084

Parcel #2

Portions of the NW 1/4 of Section 16, T4N, R2E, H. B. & M.

Assessor's Parcel Number 314-131-084

B. Location and legal status of Right-of-Way and Easements:

The property is accessed from a county road (Kneeland Road).

Parcel #1 is accessed by way of an existing permanent road which begins at Kneeland Road and crosses an adjacent landowner's property before entering the parcel. This access route across the adjacent landowner's property shall be retained in the form of a right-of-way following the split. Various existing seasonal roads also provide access into the parcel. One of the existing seasonal roads leaves Parcel #1 entering Parcel #2 and then returns to Parcel #1. The owner of Parcel #2 shall grant a right-of-way to the owner of Parcel #1 following the split. Refer to the General Location Map and Project Area Zoning Map for road locations.

Parcel #2 is accessed by way of an existing permanent road which begins at Kneeland Road and crosses an adjacent landowner's property as well as Parcel #1 before entering Parcel #2. A right-of-way shall be granted from the owner of Parcel #1 to the owner of Parcel #2 for timber harvest and timber management purposes only. An existing seasonal can also be used to access Parcel #2. This road splits off from the existing permanent road in Parcel #1 before entering Parcel #2. A right-of-way shall be granted from the owner of Parcel #1 to the owner of Parcel #2 for timber harvest and timber management purposes only. The right-of-way across the adjacent landowner's property shall be retained following the split.

C. Location of Improvements and Non-Timber Production Uses:

As indicated above, portions of both of the parcels are zoned Agriculture Exclusive (2% of Parcel #1, 12% of Parcel #2). The balance of the parcels is zoned TPZ.

Domestic Water, Aspect, and Soils:

Parcel #1 -

There are three domestic water supplies located within this parcel. Multiple water lines are also present within the parcel which supply water to adjacent landowners. There is one domestic water supply within 1,000 feet downstream of the parcel boundary.

The parcel is located on various trending ridges running northwest and southeast and containing the headwaters of Freshwater Creek. The parcel is located mainly on westerly and northerly facing slopes. Elevation ranges from approximately 1,900 feet to approximately 2,760 feet. The temperature extremes on the parcel are moderated by the proximity to the ocean but are characteristically hot and dry during the summer and cold and wet during the winter.

The soils within the parcel are made up of Hugo (Schist) (812m), Laughlin (847), Yorkville (752), and Boomer (7118). The Laughlin and Yorkville soils occur individually. The Boomer soil occurs individually, as well as in combination with the Hugo (Schist). The Hugo (Schist) occurs only in combination with the Boomer soil. The Laughlin soil series has a depth of 12 to 24 inches. The Hugo (Schist) soil series has a depth of 24 to 48 inches. The Boomer soil series has a depth ranging from 24 inches to greater than 48 inches. The Yorkville soil has a depth greater than 48 inches. The Boomer and Laughlin soils are all considered to have good drainage, while the Yorkville soil has imperfect drainage, and the Hugo (Schist) is considered to have good to excessive drainage. The Boomer and Hugo (Schist) soils are rated high for timber production, though a portion of the Hugo (Schist) is rated as medium and questionable. The Laughlin and Yorkville soils are unsuited for timber production and are present near the areas designated as AE zoning. The parcel contains site III and IV timberland designation, along with areas of grassland lacking timberland site designation, as well as areas designated as residential, business, and industrial which also lack timberland site designation.

The following Stand and Stock Table was based on a variable plot cruise performed by James L. Able Forestry Consultants, Inc., in 2012 in which plots were systematically placed on a 2 ½ X 5 chain grid over the entire property. At each plot, data was collected to determine the growth and yield of the parcel. Current stand tables were generated utilizing the data collected during this variable plot cruise and a stand table projection growth model. These calculations were field verified utilizing basal area sampling and ring count growth evaluation.

DBH	Douglas-fir	Redwood	Grand fir	Western Red Cedar	Western Hemlock	Hardwood
6	588	0	0	0	0	10,141
8	992	0	0	0	0	14,771
10	423	0	254	0	0	14,113
12	1,029	0	177	202	0	6,399
14	972	0	0	297	0	2,612
16	579	0	0	171	0	936
18	915	0	0	45	0	406
20	741	0	127	73	24	301
22	568	0	0	0	0	364
24	220	0	0	25	17	0
26	188	0	38	0	0	40
28	162	0	0	56	12	15
30	94	0	0	16	0	13
32	62	0	0	14	0	27
34	18	0	22	0	0	0
36	16	0	0	11	0	0
38	15	0	0	0	7	0
40	13	0	0	0	0	0
42	0	0	0	0	0	0
44	11	0	0	0	5	0
Total	7,607	0	618	910	64	50,137

Parcel #1 – 2012 Stand Table

Note: The above table indicates the total number of trees on Parcel #1 as a whole.
Hardwood includes tan oak, madrone, pepperwood, white oak, and miscellaneous hardwoods.

CONIFER GROWTH PER ACRE PER YEAR
(Douglas-fir, Redwood, Grand fir, Western Red Cedar, Western Hemlock) 700 Board Feet

Conifer Stocking – 59%

Note: Conifer Growth and Conifer Stocking represents the timbered portion of the parcel.

Parcel #2

There is one domestic water supply within the parcel. Many waterlines are also present within the parcel which supply water to the adjacent landowners. There are no known domestic water supplies within 1,000 feet downstream of the parcel boundary.

The parcel is located on the eastern side of a trending ridge running north and south. The parcel is located on northeasterly, northwesterly, and easterly facing slopes. Elevation ranges from approximately 1,900 feet to approximately 2,250 feet. The temperature extremes on the parcel are moderated by the proximity to the ocean but are characteristically hot and dry during the summer and cold and wet during the winter.

The soils within the parcel are made up of Hugo (812), Melbourne (814), Boomer (7118), and Hugo (Schist) (812m). The Melbourne and Hugo soils occur individually. The Boomer soil occurs individually and in combination with the Hugo (Schist). The Hugo soil series has a depth of 36 to 48 inches. The Melbourne soil series has a depth greater than 48 inches. The Boomer soil series has a depth greater than 48 inches when it occurs individually. The combination of the Boomer and Hugo (Schist) soil series has a depth of 36 to 48 inches. The Hugo, Melbourne, Hugo (Schist), and Boomer (individually and in combination) soils are rated as having good drainage. The Hugo, Hugo (Schist), and Boomer (individually and in combination) soils are rated high for timber production, while the Melbourne soil is rated very high. The site in the TPZ designated area is predominantly Site II with an area of Site III on the eastern and western sides of the parcel.

The following Stand and Stock Table was based on a variable plot cruise performed by James L. Able Forestry Consultants, Inc., in 2012 in which plots were systematically placed on a 2 ½ X 5 chain grid over the entire property. At each plot, data was collected to determine the growth and yield of the parcel. Current stand tables were generated utilizing the data collected during this variable plot cruise and a stand table projection growth model. These calculations were field verified utilizing basal area sampling and ring count growth evaluation.

Parcel #2 – 2012 Stand Table

DBH	Douglas-fir	Redwood	Grand fir	Western Red Cedar	Western Hemlock	Hardwood
6	864	0	299	0	0	0
8	0	0	0	0	0	187
10	622	0	0	0	0	359
12	1,080	0	0	0	0	419
14	317	0	0	0	0	534
16	243	0	0	0	0	93
18	192	0	0	0	0	0
20	233	0	0	0	0	0
22	257	0	0	0	0	0
24	54	0	0	0	0	0
26	184	0	0	0	0	0
28	40	0	0	0	0	0
30	35	0	0	0	0	0
32	30	0	0	0	0	0
34	0	0	0	0	0	0
36	24	0	0	0	0	0
38	43	0	0	30	0	0
40	39	0	0	0	0	0
42	18	0	0	0	0	0
44	16	0	6	15	0	0
Total	4,290	0	305	45	0	1,593

Note: The above table indicates total number of trees on Parcel #2 as a whole.
Hardwood includes tan oak and pepperwood.

CONIFER GROWTH PER ACRE PER YEAR
(DOUGLAS-FIR, REDWOOD, GRAND FIR, WESTERN RED CEDAR, WESTERN
HEMLOCK) 1,000 BOARD FEET

Conifer Stocking – 89%

Note: Conifer Growth and Conifer Stocking represents the timbered portion of the parcel.

V. Management Description

Management History:

The property was harvested in the mid 1990's after having been used primarily as range land for grazing. Burning was a management tool that was also utilized on the property. The previously mentioned harvests included a mix of conifer and hardwood management prescriptions using the selection method (single tree/group) in order to attain unevenaged stands of timber. The main private road system has been maintained and upgraded at various times.

Recommended Silviculture:

Due to the overall gentle to moderate slopes, aspect, stocking, species mix, age classes present and site conditions (moderate to good) of the parcels, moderate amounts of timber management have taken place over the past 25 years. With the conditions present, and the desires of the owners, the timber would be best managed under unevenaged management. This type of silviculture would utilize single tree and group selections and would remove the hardwood as it becomes merchantable while increasing the conifer component over the area. Regeneration of the area would utilize artificial conifer regeneration in conjunction with natural conifer regeneration to ensure adequate site occupancy. Group selection units can be no larger than 2.5 acres in size and must be separated by areas of like size. This would mean that only a portion of the area would be harvested at any one time. The use of unevenaged management on these parcels will mean that merchantable volume could be harvested periodically, while maintaining a forested component. The retention of standing timber will act as shade and a seed source. This will be beneficial on the harsher sites.

Cutting Cycle, Stand Regulation and Regeneration, and Intermediate Treatments:

Due to the current species composition, with much of the area having a large hardwood component and the size and age of the current stands, the initial entry (single tree/group selection) should occur within 5 – 10 years (by year 2024) on the various parcels. On Parcel #1, there is approximately seven eighths of the area that has merchantable Douglas-fir, grand fir, western red cedar, western hemlock, and hardwood which could be harvested at this time and it is anticipated that the initial entry will occur within the next 10 years. This merchantable volume is present over the majority of the parcel. On Parcel #2, there is approximately six eighths, or slightly more, of the area that has merchantable Douglas-fir, grand fir, western red cedar, and hardwood which could be harvested within the next 5 to 10 years as well. This merchantable volume is present over the majority of the parcel. These areas could be harvested under a selection type harvest (single tree/group selection). This type of harvest would remove about one fourth to one third of the merchantable timber available at the time of harvest. Such harvests should be done favoring retention of conifer growing stock and removal of some of the larger hardwood component. Artificial regeneration should be used (conifer seedlings, Douglas-fir and/or redwood) to capture the site. If artificial regeneration is used, the seedlings will be planted to approximately 300 seedlings per acre.

The second entry would occur when more of the timber, both conifer and hardwood, has become merchantable and where the crowns have closed out in the area that was previously harvested. A single tree or group selection type harvest should be used to remove more of the hardwood component and incidental conifers. This should take place approximately 10 to 15 years following the first entry. Artificial regeneration should be used (conifer seedlings, Douglas-fir

and/or redwood) to capture the site. Seedlings should be planted to approximately 300 seedlings per acre.

The third entry should be anticipated on all of the parcels within 10 to 15 years following the second entry. This entry will be a single tree and/or group selection with a focus on removing merchantable hardwood and incidental conifers. After this entry much of the merchantable hardwood on the parcel should have been harvested. In areas where seedlings are planted, approximately 300 trees will be planted per acre.

The fourth entry should be anticipated for all of the parcels within 10 to 15 years following the third entry. This harvest would be a single tree selection and/or thinning on the first area harvested and those areas that were young regeneration during the initial entry. The thinning will favor the best growing, most wind firm trees as leave trees. Approximately 30% of the basal area would be removed. The scattered residual conifers in the harvest area would also be removed in conjunction with the thinning of the new age class.

The fifth entry should be anticipated for all of the parcels 10 to 15 years following the fourth entry. The harvest would be primarily a single tree selection and/or thinning on the second area harvested, favoring the best growing, most wind firm trees as leave trees. Approximately 30% of the basal area would be removed. The scattered residual conifers associated with the selection area would also be removed in conjunction with this harvest. Group selection harvest could be done on these larger scattered residual conifers and hardwoods and poorly stocked areas as well.

This type of harvesting would allow for an area to be entered while still maintaining growth and a forested component. The entries would be staggered due to the initial harvest dates. The initial thinning harvests would occur on an area over a possible 10 to 15 year period beginning at age 45 - 55 years with selections occurring at approximately age 60.

Expected Yields:

Parcel #1 -

The present growth rate for the parcel is approximately 700 board feet per acre per year. This is not indicative of the potential of this property. If the property were fully stocked with conifers, the growth rate would be approximately 948 board feet per year at the current stand age of approximately 60 years. According to published Yield Tables, Site III and IV lands should have between 34,300 – 56,900 board feet per acre at 60 years of age. These tables were calculated for evenaged stands, which is not the planned management objective (unevenaged stands) for the parcel so the average volume per acre should be less than these projected volumes.

Parcel #2-

The present growth rate for the parcel is approximately 1,000 board feet per acre per year. This is not indicative of the potential of this property. If the property were fully stocked with conifers, the growth rate would be approximately 1,290 board feet per year at the current, average, stand age of approximately 60 years. This would indicate, according to published Yield Tables, Site II and III lands should have between 56,900 – 77,400 board feet per acre at 60 years of age. These published tables were calculated for evenaged stands. Unevenaged stands are the planned management objective for the parcel, and so the average volume per acre should be less than the projected volumes.

Condition of Access System:

The appurtenant access is made up of one county road (Kneeland Road) and various permanent and seasonal roads. Future owners of Parcel #1 and Parcel #2 will have the right to access the parcel from the county road via the permanent road as indicted in their appropriate deed. The county road has a paved surface that is in very good condition, allowing for year round use. Parcels #1 and #2 contain various existing permanent and seasonal roads within their boundaries. These roads are in generally good condition. The majority of the roads are usable for vehicular traffic at this time. Some of the seasonal road system requires minor reconstruction and surface blading.

Harvesting System:

Parcel #1 -

The slopes on the parcel range from 0% to 115% with most of the area in the 40% range. There are numerous existing skid trails and truck roads that allow access to the parcel on the more gentle slopes. The recommended yarding system is tractor-cable option. A tractor/rubber tired skidder would be used due to the gentle to steep slopes present within the parcel and existing truck road and skid road system, while a cable yarder could be used on the steeper slopes. (see Harvest System Map)

Parcel #2-

The slopes on the parcel range from 0% to 70% with most of the area in the 20% range. There are numerous existing skid trails and truck roads that would provide access into the majority of the parcel. The proposed yarding system is tractor-cable option. A tractor/rubber tired skidder would be used due to the gentle to moderate slopes present within the parcel and the existing road and skid road system, while a cable yarder could be used on the steeper slopes. (see Harvest System Map)

Protection from Fire:

During the summer months, the project area is hot and dry. During this season, fire may pose a serious threat, particularly in rural settings such as this one. Any housing structures should be constructed in accordance with PRC 4290 which mandates landowners to provide adequate access for fire trucks, the use of fuel brakes and fire resistant structures and building materials. The landowner should also strive to keep fuel loads to a minimum.

Logging slash should be treated as follows:

Within 100 feet of the edge of public roads, and within 50 feet of the edge of the traveled surface of permanent and seasonal private roads open for public use, where permission to pass is not required, slash created by timber operations or road construction should be treated by lopping for fire hazard reduction, piling and burning, chipping, burying or removal from the zone.

All woody debris created by timber operations greater than one inch but less than eight inches in diameter within 100 feet of permanently located structures maintained for human habitation should be removed or piled and burned. All slash created between 100-200 feet of permanently located structures maintained for human habitation should be lopped for fire hazard reduction, removed, chipped or piled and burned.

Local fire protection agencies are listed as follows:

Kneeland Volunteer Fire Department
6201 Greenwood Heights
Kneeland, CA 95549
(707) 442-3252

Or

CALFIRE
Kneeland Helitack Base
8355 Mountain View Road
Kneeland, CA 95549
(707) 444-2863

Emergency Vehicle Access and Emergency Egress:

The parcels can be accessed from the north by the county road system for emergency vehicles (See Project Area Map). Roads constructed on the parcel should be in accordance with PRC 4290, which mandates road widths, turn around areas and other physical characteristics, which would accommodate emergency vehicles.

Protection from Insects and Disease:

Disease and insect epidemics are not common in the area, and the parcels do not appear to have significant insect or disease problems. However, the proposed harvest should promote healthy, vigorous trees while eliminating those trees which might be the least resistant to attack by insects or diseases. The promotion of a healthy stand should decrease the chances of insect or disease problems.

It should be noted that these parcels are within the Sudden Oak Death "Zone of Infestation" declared by the California Board of Forestry. Any harvest or removal of timber or forest products must comply with the limitations set forth at the time of harvest by the California Department of Forestry and/or the California Department of Food and Agriculture to prevent the spread of the pathogen.

Erosion:

Parcel #1 exhibits some minor existing erosion problems. However, as a means to prevent erosion problems, adequate drainage facilities such as waterbars, rolling dips and culverts should be installed wherever needed on the proposed road system. Road cuts should be kept to a minimum and located in areas which will require the least amount of excavation. Tractors should be excluded from any watercourses and skid trails and roads should have waterbars, rolling dips and/or cross drains placed in accordance to the Forest Practice Rules.

VI. Management Organization

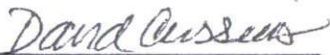
An NTMP is currently in place for this property. Any future timber harvest operations must conform to the current Forest Practice Rules and will require the services of a Registered Professional Forester to prepare and review the management and harvest activities proposed in the Non-Industrial Timber Management Plan. The cost to activate the NTMP can range from approximately \$2,000 to \$4,000. Once an approved NTMP is activated, logging costs, road reconstruction and trucking can range from \$250 to \$350 or more per thousand board feet harvested. Another option is to cancel the NTMP and apply for a THP, which can range from approximately \$20,000 to \$40,000. The Department of Fish and Wildlife and Water Quality also require a fee for review and issuance of permits for the project.

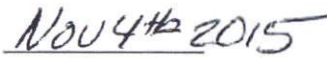
VII. Management Schedule

As previously outlined in the Management Description, the first harvest will occur within approximately 5 to 10 years on both of the parcels. Harvesting should be conducted during the normal operating season (April 1st - October 15th). Planting activities should take place after November 1st or after at least 2" of rainfall has been recorded, whichever occurs first. Fire protection facilities should be installed before the commencement of fire season, or directly after harvesting or road building activities are complete.

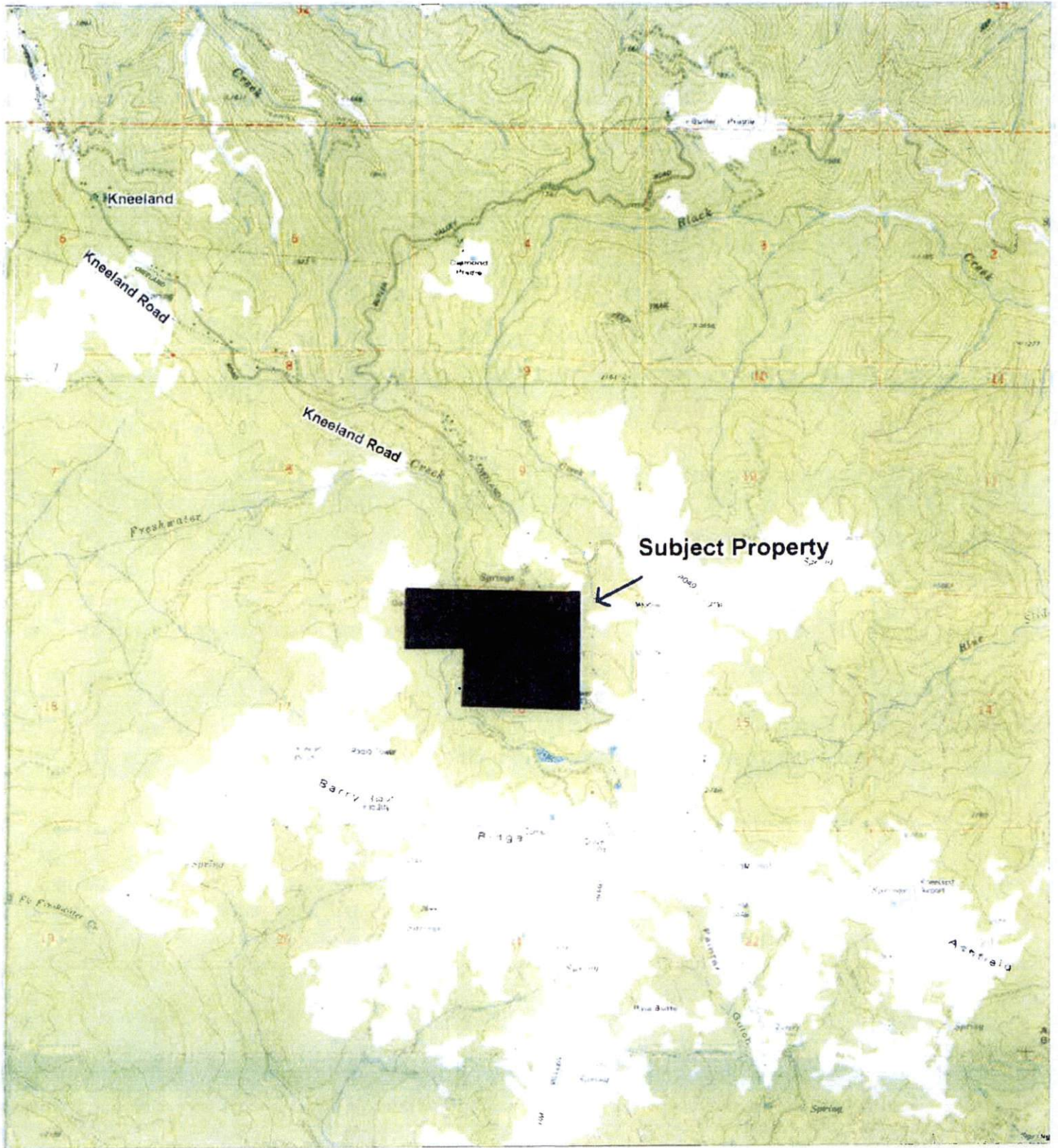
The previously described management recommendations were provided to achieve high quality, conifer timber by maximizing their growth rate and growth potential. The proposed unevenaged management should provide protection for wildlife and watershed concerns. These parcels could be managed in a number of different ways to promote different types of wood products or it could be left unmanaged. The landowner should participate in every aspect of land management decision making. Management decisions should be based on the landowner's needs and desires. These decisions should be amended into this management guide.

This management plan must be updated every five years. Updates should reflect any changes in the Forest Practice Rules, current ownership's, stand conditions, or recommended treatments.


David Cussins, RPF #2849


Date

**Beck Joint Timber Management Plan
General Location Map
Portions of Section 16, T4N, R2E, H. B. & M.**

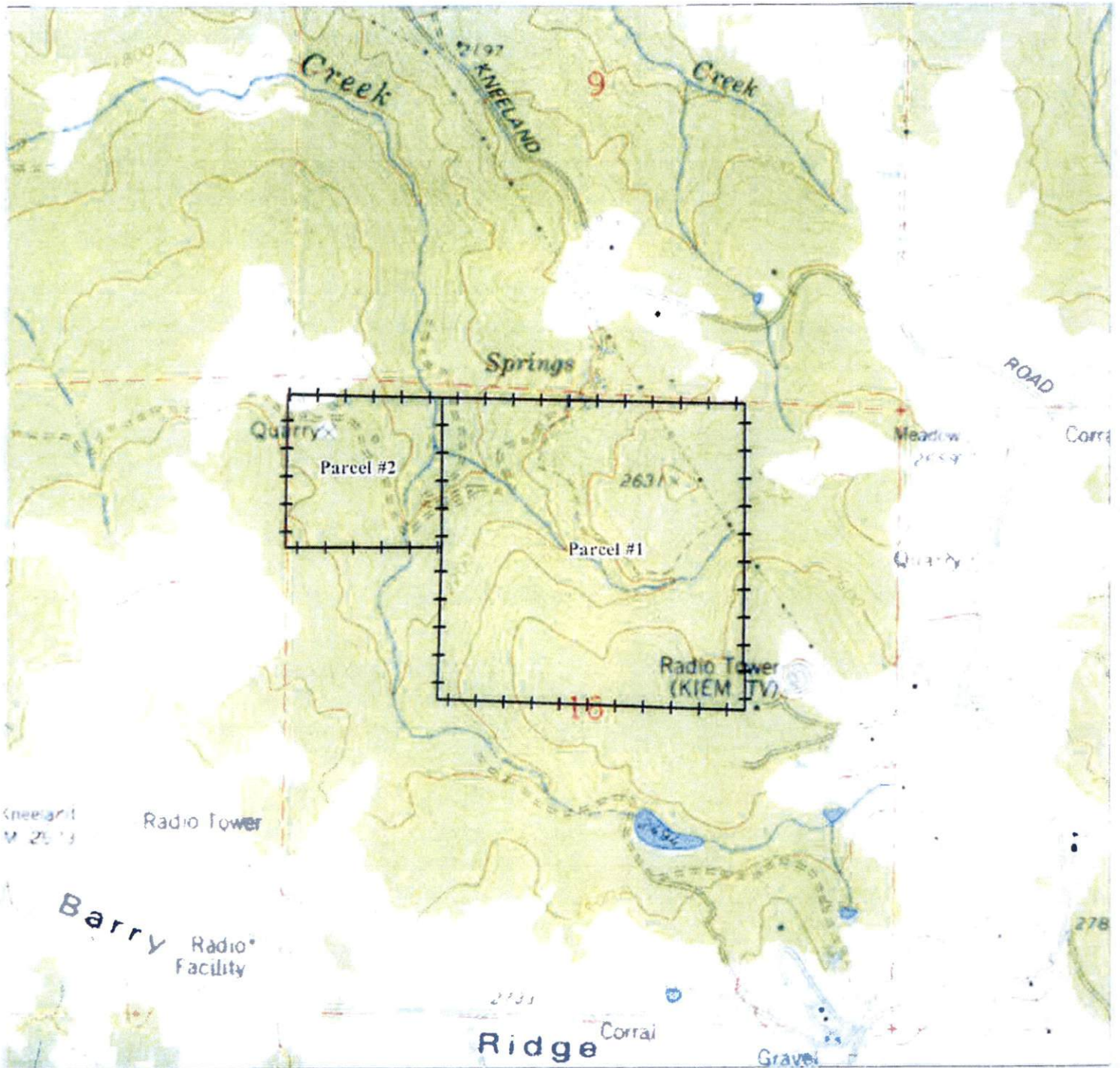


Subject Property



Scale 1" = 3,000'

Beck Joint Timber Management Plan
Parcel #1 & Parcel #2
Project Area Map
USGS Quadrangle
Portions of Section 16, T4N, R2E, H. B. & M.



Legend:

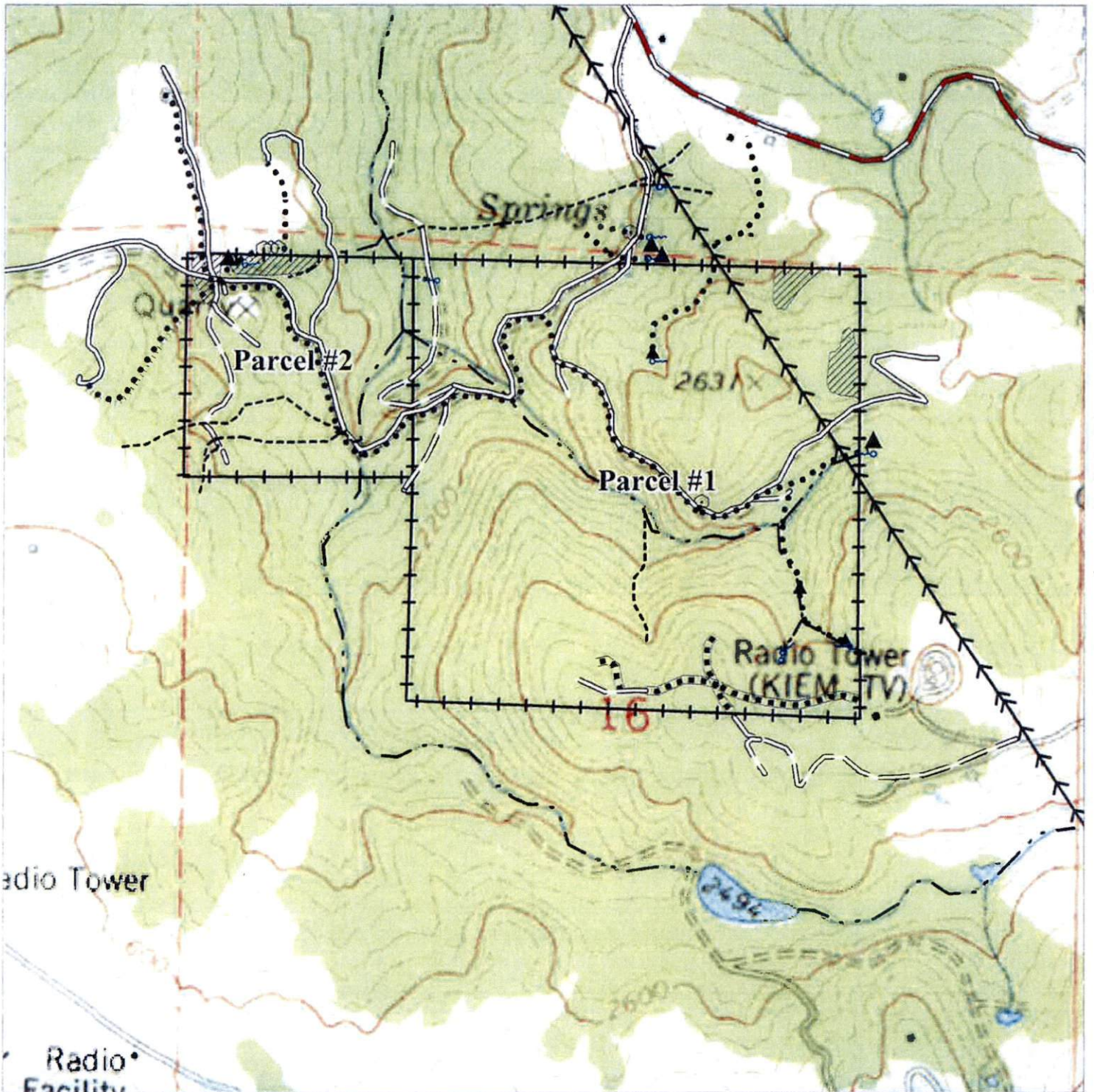
Property/Parcel Boundary ————

Scale 1" = 1,200'





Beck Joint Timber Management Plan Project Area Zoning Map Portions of Section 16, T4N, R2E, H. B. & M.



Legend:

- | | | | |
|--------------------------|---------|------------------------|-------|
| Property/Parcel Boundary | +++++ | Spring | o |
| County Road | —+—+—+— | Domestic Water Supply | ▲ |
| Existing Permanent Road | ===== | Water Lines | |
| Existing Seasonal Road | =====- | Power Lines | →→→ |
| Proposed Road | +++++ | Buried Power Lines | ----- |
| Watercourses | ----- | Buried Telephone Lines | ----- |
| | | Water Tank | ⊕ |

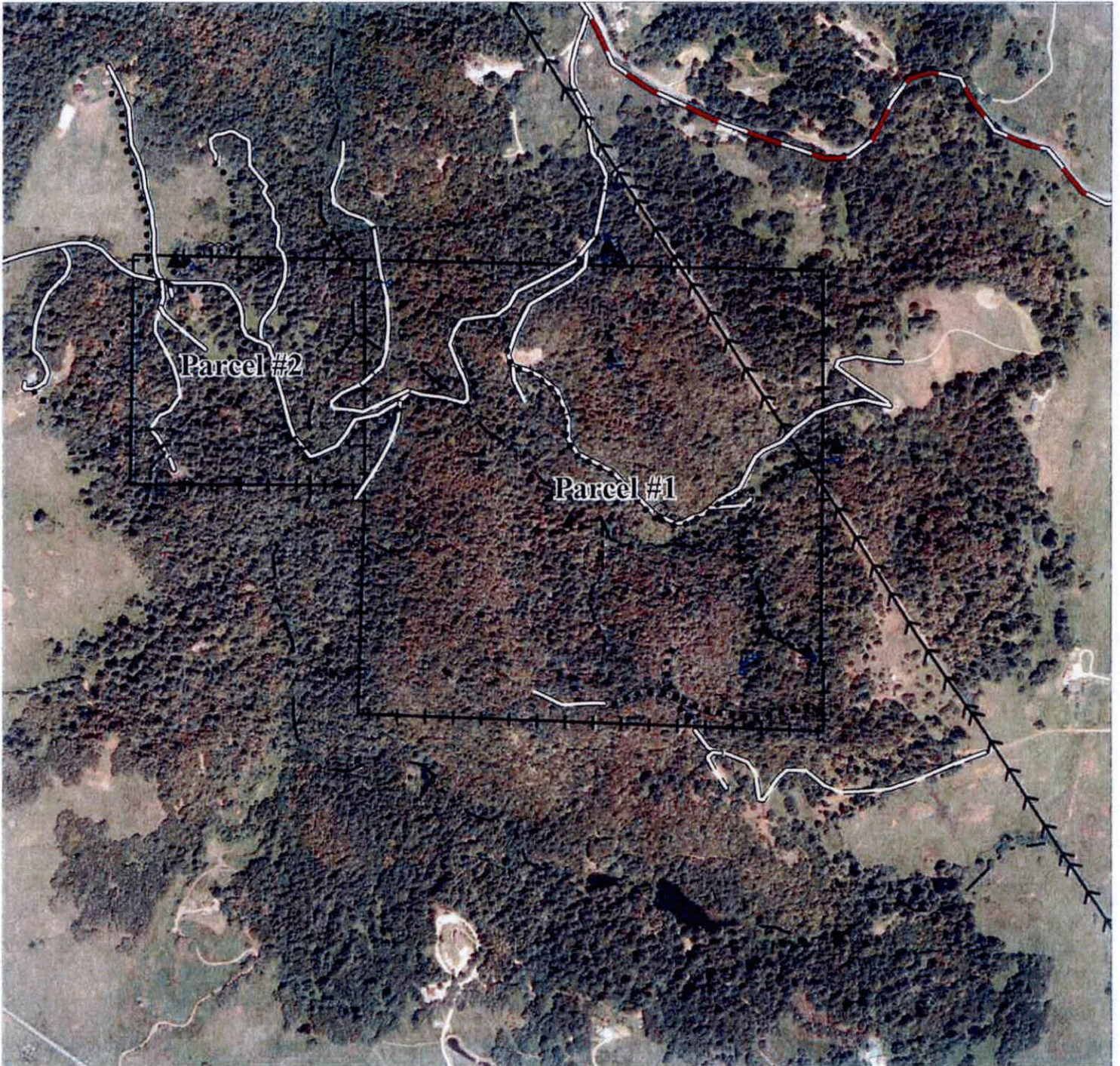
AE - Agriculture Exclusive Zoning

Scale 1" = 800'

JTMP 15-007 Beck 10056

June 14, 2016

**Beck Joint Timber Management Plan
Parcel #1 & Parcel #2
Project Area Photo
Portions of Sections 16, T4N R2E, H. B. & M.**



Legend:

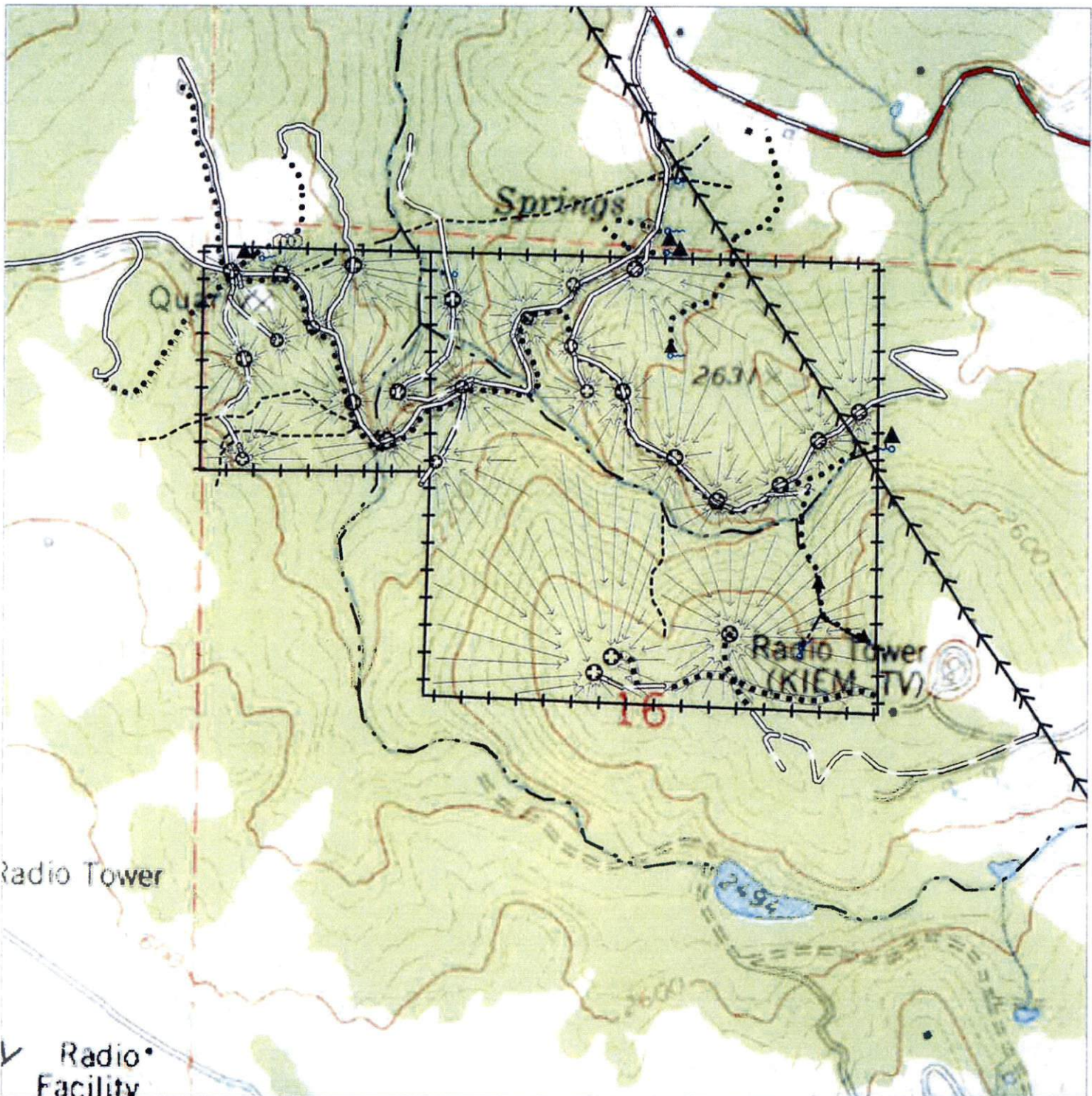
- Property/Parcel Boundary
- Watercourses
- Existing Seasonal Road
- County Road
- Existing Permanent Road
- Proposed Road

- Spring
- Domestic Water Supply
- Power Lines
- Buried Power Lines
- Buried Telephone Lines
- Water Tank
- Water Lines

Scale 1" = 800'



**Beck Joint Timber Management Plan
Harvest System Map
Portions of Section 16, T4N, R2E, H. B. & M.**

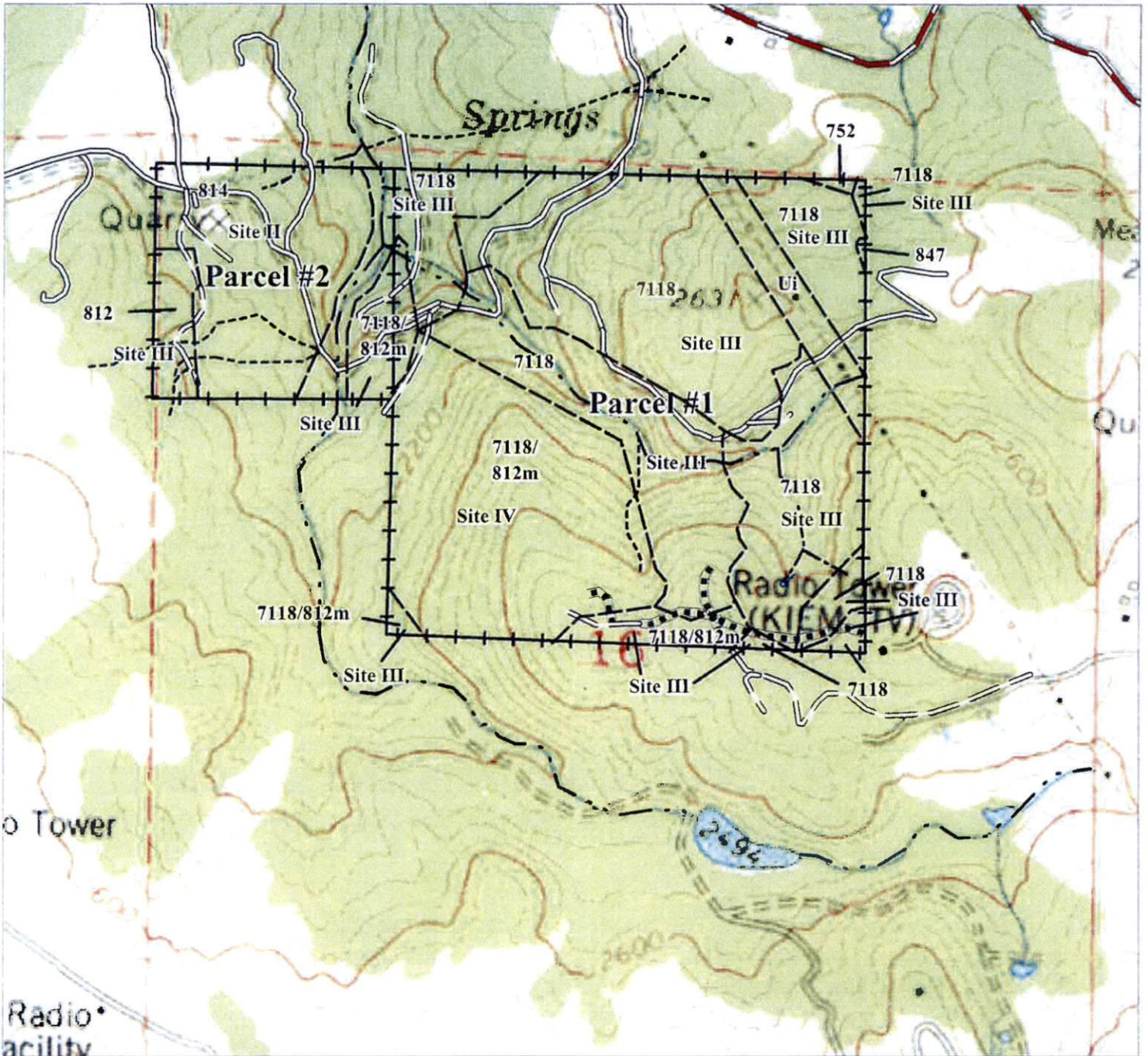


Legend:

- | | | | | | |
|--------------------------|-------|-----------------------|--------|------------------------|----------|
| Property/Parcel Boundary | +++++ | Spring | ○ | Water Lines | |
| County Road | ————— | Domestic Water Supply | ▲ | Power Lines | —————>>> |
| Existing Permanent Road | ————— | Landing Locations | ⊕ | Buried Power Lines | ----- |
| Existing Seasonal Road | ==== | Yarding | —————> | Buried Telephone Lines | ----- |
| Watercourses | ----- | Water Tank | ⊕ | Proposed Road | ----- |

Scale 1" = 800'

**Beck Joint Timber Management Plan
Soils & Site Map
Portions of Section 16, T4N, R2E, H. B. & M.**



Legend:

- Property/Parcel Boundary
- County Road
- Existing Permanent Road
- Existing Seasonal Road
- Proposed Road
- Watercourse
- Soil/Site Boundary

Soil Types/Site

752	Yorkville
812m/III	Hugo(Schist)/Site III
812m/IV	Hugo(Schist)/Site IV
812/III	Hugo/Site III
847	Laughlin
7118/III	Boomer/Site III
7118/IV	Boomer/Site IV
814/II	Melbourne/II
Uj	Industrial

Scale 1" = 800'



ATTACHMENT C

Draft Minutes of FRC Meeting of December 17, 2015

DRAFT Minutes

December 17, 2015 Meeting

I. Attendance

FRC Members Present: Jim Able, Mark Andre, Chris Carroll, Charles Ciancio, Jim Robbins, Ben Hawk and Yana Valachovic

FRC Members Absent: Bill Kleiner, Gary Rynearson

Staff Present: Trevor Estlow, Planning and Building Department, Steve Lazar, Planning and Building Department

The Committee welcomed guests: Eric Taft, Nick Robinson, Natalynne DeLapp

II. Public Appearances: None.

III. Approval of Minutes from the September 15, 2015 and November 16, 2015 Meeting.

On a motion by Jim Robbins, seconded by Chris Carroll, the minutes of the September 15, 2015 meeting were approved by a vote of 5-0 (Ben Hawk and Yana Valachovic abstained).

On a motion by Jim Robbins, seconded by Yana Valachovic, the minutes of the November 16, 2015 meeting were approved by a vote of 5-0 (Chris Carroll and Jim Able abstained).

IV. New Business (in order of items heard):

3. Boyle Forest Lot Line Adjustment and JTMP Application (10055) Case Numbers: LLA-15-031, JTMP-15-006; Assessor Parcel Numbers: 215-151-001 et seq.; Whitethorn area

Trevor Estlow provided the staff report and staff recommendations. The project involves a Joint Timber Management Plan (JTMP) on approximately 3,129 acres that is comprised of 48 legal parcels with recorded Certificates of Subdivision Compliance on them. Also included is a Lot Line Adjustment (LLA) between two parcels of 240 acres and 40 acres to result in two parcels of 160 acres and 120 acres. The LLA will occur on Assessor Parcel Numbers 220-201-007, 220-201-009 and 220-202-003.

At this time, the Chair opened the meeting to public comments. The committee had questions regarding access and Chris Stumpf explained the access off of Gibson Ridge Road as well as the road use agreement. The Chair then closed the meeting to public comments and returned the discussion to the Committee.

On a motion by Jim Able, seconded by Chris Carroll, the Boyle Forest project was recommended approved by a vote of 7-0.

4. Beck JTMP Application (10056) Case Number: JTMP-15-007; Assessor Parcel Number: 314-131-084; Kneeland area

Trevor Estlow provided the staff report and staff recommendations. The project involves a Joint Timber Management Plan for two separate, legal parcels within Assessor Parcel Number 314-131-084, one 160 acre parcel and one 40 acre parcel. A Joint Timber Management Plan is required when an Assessor parcel is "broken" creating a parcel less than 160 acres of lands zoned TPZ.

At this time, the Chair opened the meeting to public comments. The committee had questions regarding access and Eric Taft explained the access off of Kneeland Road. The Chair then closed the meeting to public comments and returned the discussion to the Committee.

On a motion by Chris Carroll, seconded by Jim Robbins, the Sanders Joint Timber Management Plan project was recommended approved by a vote of 4-0 (Jim Able abstained).

1. Continued Review of the Draft Medical Marijuana Commercial Cannabis Cultivation Ordinance

Steve Lazar presented the item with a brief history and timeline relating the cultivation ordinance. The committee discussed TPZ compatibility issues as well as how the Assessor may assess TPZ lands. Steve Lazar explained that the current version before the Board of Supervisors allows new cultivation on TPZ lands whereas the original draft ordinance presented to the Planning Commission did not. Chris Carroll suggested that the Committee might consider recommending that the ordinance differentiate between its treatment of cultivation on timberland with site I and II capability class soils (best suited for timber) and class III, IV and V sites. While some support for this approach was shown, no motion was made. There was also discussion regarding cumulative impacts concerns, light and noise (industrial impacts) and perhaps different treatment on non-timbered portions such as meadows and areas converted next to residential structures. Natalynne DeLapp represented the Environmental Protection Information Center (EPIC) and expressed their concern with impacts associated with new and existing cultivation areas. Nick Robinson also identified how past harvest sites have been used for cultivation.

The following motion by Jim Robbins, seconded by Yana Valachovic, was made: The highest and best use of TPZ zoned lands is the growing and harvesting of timber consistent with existing law. The motion was passed 6-0. (By this time, Charles Ciancio had left the meeting).

The following motion by Jim Able, seconded by Ben Hawk, was made: Could commercial cannabis cultivation be compatible with appropriate environmental protections, law enforcement, and the same level of review applied to timberland owners? The motion passed 4-2 (Yana Valachovic and Mark Andre voted no)

The following motion by Jim Robbins, seconded by Chris Carroll, was made: Does the current draft cultivation ordinance contain adequate protection measures to ensure the protection of timberland? The motion failed 0-6.

The following motion by Jim Robbins, seconded by Jim Able, was made: The Planning Commission's recommended draft ordinance may not adequately address cumulative effects. The motion passed 6-0.

It was noted that the Forestry Review Committee is agreeable to holding a study session with the Board of Supervisors to address impacts on timberlands.

2. Discussion of General Plan policy regarding subdivision of TPZ lands

Jim Able provided background information regarding the policy and how one might comply (i.e. stocking).

V. Adjournment

The meeting was adjourned at 8:30 p.m.

ATTACHMENT D

Certificates of Subdivision Compliance

25493

For recording purposes, this instrument is not for the benefit of the County of Humboldt.

F.P. RECORDERS STAMP

1895

DEC 8 4 28 PM '88

32

AFTER RECORDING RETURN TO:
Humboldt County Planning Department
3015 "H" Street
Eureka, CA 95501

STEPHEN A. STRAWN

Strawn

ASSESSOR'S REFERENCE NUMBER(S):
portion 314-131-20

CERTIFICATE
OF
SUBDIVISION COMPLIANCE

NOTICE IS HEREBY GIVEN pursuant to Section 66499.35 of the California Government Code that the Humboldt County Planning Department has determined that the real property described in EXHIBIT "A" attached hereto complies with the provisions of the California Subdivision Map Act and Humboldt County Ordinances enacted pursuant thereto.

THIS CERTIFICATE does not certify that the real property for which this certificate has been issued is suitable for development in accordance with existing or future regulations.

ISSUED ON: 13 OCT 88

Thomas D. Conlon
Thomas D. Conlon, Planning Director
County of Humboldt

On this 13th day of OCTOBER 1988, before me, the undersigned, a Notary Public in and for the County of Humboldt and the State of California, duly commissioned and sworn, personally appeared

THOMAS D. CONLON, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that (s)he executed it.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal on the date set forth above.

Signature Leslie M. Riecke
Notary Public, County of Humboldt, State of California

FOR NOTARY'S STAMP



(11-15/agree14)

RE: Beck Certificate ^{in Compliance} H.C.P.D. File No. AP 314-131-41

EXHIBIT A

PROPERTY DESCRIPTION

All that real property situated in the County of Humboldt, State of California, described as follows:

The East half of the Northwest Quarter,
and the West half of the Northeast Quarter
Section 16
All in Township 4 North, Range 2 East
Humboldt Meridian

Handwritten mark

For recording purposes, this instrument is not for the benefit of the County of Humboldt.

FOR RECORDED STAMP

25491

Greg. Chisholm
1895

320

DEC 8 4 28 PM '88

STEPHEN A. STRAWN

Stephen A. Strawn
②

7.00

AFTER RECORDING RETURN TO:
Humboldt County Planning Department
3015 "H" Street
Eureka, CA 95501

ASSESSOR'S REFERENCE NUMBER(S):

portion 314-131-20

CERTIFICATE

OF

SUBDIVISION COMPLIANCE

NOTICE IS HEREBY GIVEN pursuant to Section 66499.35 of the California Government Code that the Humboldt County Planning Department has determined that the real property described in EXHIBIT "A" attached hereto complies with the provisions of the California Subdivision Map Act and Humboldt County Ordinances enacted pursuant thereto.

THIS CERTIFICATE does not certify that the real property for which this certificate has been issued is suitable for development in accordance with existing or future regulations.

ISSUED ON 13 OCT 88

BY *Thomas D. Conlon*
Thomas D. Conlon, Planning Director
County of Humboldt

FOR NOTARY'S STAMP

On this 13th day of October 1988, before me, the undersigned, a Notary Public in and for the County of Humboldt and the State of California, duly commissioned and sworn, personally appeared

THOMAS D. CONLON, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that (s)he executed it.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal on the date set forth above.

Signature *Leslie M. Riecke*
Notary Public, County of Humboldt, State of California



(11-15/agree14)

RE: Beck Certificate of Compliance
E.C.P.D. File No. AP 314-131-41

EXHIBIT A

PROPERTY DESCRIPTION

All that real property situated in the County of Humboldt, State of California, described as follows:

The Northwest Quarter of the Northwest
Quarter of section 16
All in Township 4 North, Range 2 East
Humboldt Meridian

H