

STATE OF CALIFORNIA
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS

In the Matter of Permit 12218 (Application 18956)

Bar Ric Mutual Water Company et al.

ORDER DIRECTING ISSUANCE OF SEPARATE PERMITS
AND REVOCATION OF ORIGINAL PERMIT, AND APPROVING
AN EXTENSION OF TIME

SOURCE: Deer Creek and Boulder Creek tributary to South Fork Smith River

COUNTY: Del Norte

WHEREAS:

1. Permit 12218 was issued to C. H. and B. McClendon on March 11, 1960 and, subsequently, assigned to the Bar Ric Mutual Water Company et al. Permit 12218 is presently held by Bar Ric Mutual Water Company, Cheryl A. Rafferty, and Michael O'Brien.
2. The Division of Water Rights has determined that two separate and distinct diversion systems exist under Permit 12218; a request for issuance of separate permits to cover permittees' respective use has been filed with the State Water Resources Control Board (SWRCB) staff on July 29, 1994; and the SWRCB has determined that good cause for such change has been shown.
3. The point of diversion for Bar Ric Mutual Water Company should be corrected as determined by field investigation on November 2, 1982.
4. A petition for an extension of time within which to develop the project and apply the water to the proposed use was filed with the State Water Resources Control Board (SWRCB) on March 21, 1983.
5. The permittee has proceeded with diligence and good cause has been shown for extension of time. Public notice of the request for extension of time was issued on August 5, 1985 and no protests were received.

6. The SWRCB has determined that the petition for extension of time does not constitute the initiation of a new right nor operate to the injury of any other lawful user of water.
7. In order for the SWRCB to determine the amount of water used when a license is issued, a term requiring installation and maintenance of measuring devices should be added to the permits.
8. The permit term relating to the continuing authority of the SWRCB should be updated to conform to section 780(a), Title 23 of the California Code of Regulations.
9. The permit term relating to the water quality objectives of the SWRCB should be updated to conform to section 780(b), Title 23 of the California Code of Regulations.
10. Fish, wildlife, and plant species have been or may be listed under the federal Endangered Species Act and/or the California Endangered Species Act. A term should be placed in the permit making the permittees aware of possible obligations resulting from these acts.

NOW, THEREFORE, IT IS ORDERED THAT:

1. Permit 12218 is hereby replaced and superseded upon the issuance of Permit 12218A issued to Bar Ric Mutual Water Company and Permit B issued to Cheryl Rafferty and Michael O'Brien.
2. Separate permits will be issued as follows:
 - A. Permit 12218A

Owner: Bar Ric Mutual Water Company
c/o Neal J. Austin
160 Pine Street
Crescent City, CA 95531

Source: Deer Creek tributary to South Fork Smith River thence Smith River in Del Norte County

Use: Domestic

Direct Diversion Amount: 0.13 cubic foot per second

Season: January 1 through December 31

Point of Diversion: North 900 feet and East 2,500 feet from W ¼ corner of Section 32, T16N, R2E HB&M, being within SE ¼ of NW ¼ of Section 32, also described as California Coordinate System, Zone 1, N 881, 250 and E 1,461,250.

Place of Use: Within SW ¼ of Section 32, T16N, R2E, HB&M, and

NE ¼ of NW ¼ of Section 5, T15N, R 2E, HB&M as shown on a map on file with the State Water Resources Control Board.

B. Permit 12218B

Owner: Cheryl A. Rafferty and Michael O'Brien
c/o Cheryl A. Rafferty
2525 South Fork Road
Crescent City, CA 95531

Source: Boulder Creek tributary to South Fork Smith River thence Smith River in Del Norte County

Use: Domestic and Irrigation

Direct Diversion Amount: 0.10 cubic foot per second

Season: (a) January 1 through December 31 (domestic)

(b) May 1 through October 1 (irrigation)

Point of Diversion: South 3,000 feet and East 50 feet from N ¼ corner of Section 5, T15N, R2E, HB&M, being within the NW ¼ of SE ¼ of said Section 5, also described as California Coordinate System, Zone 1, N 876,200 and E 1,461,300.

Place of Use: Within SW ¼ of NE ¼ and SE ¼ of NW ¼ of Section 5, T15N, R2E, HB&M as shown on a map on file with the State Water Resources Control Board.

2. Permit 12218A and 12218B shall contain all other terms and conditions presently contained in Permit 12218 or updated terms to reflect compliance with the SWRCB's current policy.

a. A new development schedule is approved as follows:

Complete application of the water to the authorized use shall be made by December 31, 2010.

b. A new term shall be added to the permits as follows:

Permittee shall install and maintain devices satisfactory to the SWRCB to measure the amount of water placed to beneficial use under this permit. Records of water used shall be maintained on a weekly basis.

c. The continuing authority condition shall be updated and read as follows:

Pursuant to California Water Code sections 100 and 275, and the common law public trust doctrine, all rights and privileges under this permit/license and under any license issued pursuant thereto, including method of diversion, method of use, and quantity of water diverted, are subject to the continuing authority of the SWRCB in accordance with law and in the interest of the public welfare to protect public trust uses and to prevent waste, unreasonable

use, unreasonable method of use, or unreasonable method of diversion of said water.

The continuing authority of the SWRCB may be exercised by imposing specific requirements over and above those contained in this permit with a view to eliminating waste of water and to meeting the reasonable water requirements of permittee/licensee without unreasonable draft on the source. Permittee/Licensee may be required to implement a water conservation plan, features of which may include but not necessarily be limited to (1) reusing or reclaiming the water allocated; (2) using water reclaimed by another entity instead of all or part of the water allocated; (3) restricting diversions so as to eliminate agricultural tailwater or to reduce return flow; (4) suppressing evaporation losses from water surfaces; (5) controlling phreatophytic growth; and (6) installing, maintaining, and operating efficient water measuring devices to assure compliance with the quantity limitations of this permit and to determine accurately water use as against reasonable water requirements for the authorized project. No action will be taken pursuant to this paragraph unless the SWRCB determines, after notice to affected parties and opportunity for hearing, that such specific requirements are physically and financially feasible and are appropriate to the particular situation.

The continuing authority of the Board also may be exercised by imposing further limitations on the diversion and use of water by the licensee in order to protect public trust uses. No action will be taken pursuant to this paragraph unless the Board determines, after notice to affected parties and opportunity for hearing, that such action is consistent with California Constitution Article X, Section 2; is consistent with the public interest; and is necessary to preserve or restore the uses protected by the public trust.

c. The water quality objectives condition, shall be updated to read as follows:

The quantity of water diverted under this permit is subject to modification by the SWRCB if, after notice to the licensee and an opportunity for hearing, the Board finds that such modification is necessary to meet water quality objectives in water quality control plans which have been or hereafter may be established or modified pursuant to Division 7 of the Water Code. No action will be taken pursuant to this paragraph unless the Board finds that: (1) adequate waste discharge requirements have been prescribed and are in effect with respect to all waste discharges which have any substantial effect upon water quality in the area involved, and (2) the water quality objectives cannot be achieved solely through the control of waste discharges.

3. The following term shall be added to Permits 12218A and 12218B:

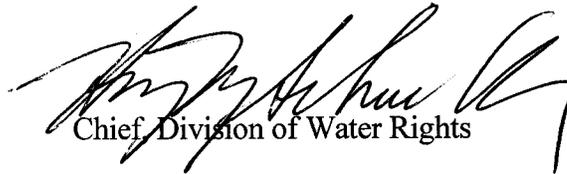
This permit does not authorize any act which results in the taking of a threatened or endangered species or any act which is now prohibited, or becomes prohibited

in the future, under either the California Endangered Species Act (Fish and Game Code sections 2050 to 2097) or the federal Endangered Species Act (16 U.S.C.A. sections 5131 to 1544). If a "take" will result from any act authorized under this water right, the permittee shall obtain authorization for an incidental take prior to construction or operation of the project. Permittee shall be responsible for meeting all requirements of the applicable Endangered Species Act for the project authorized under this permit.

(0000014)

Dated: JAN 23 2001

STATE WATER RESOURCES CONTROL BOARD



Chief, Division of Water Rights

STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS
2125 19TH STREET
SACRAMENTO, CALIFORNIA 95818



ORDER APPROVING A NEW DEVELOPMENT SCHEDULE
AND
AMENDING PERMIT

PERMIT 12218

APPLICATION 18956

WHEREAS:

1. A PETITION FOR EXTENSION OF TIME WITHIN WHICH TO DEVELOP THE PROJECT AND APPLY THE WATER TO THE PROPOSED USE HAS BEEN FILED WITH THE STATE WATER RESOURCES CONTROL BOARD.
2. IT APPEARS THAT THE PERMITTEE HAS PROCEEDED WITH DILIGENCE AND THAT GOOD CAUSE HAS BEEN SHOWN FOR EXTENSION OF TIME.
3. THE STATE WATER RESOURCES CONTROL BOARD HAS DULY AUTHORIZED THE CHIEF, DIVISION OF WATER RIGHTS, TO SIGN THIS ORDER.

NOW, THEREFORE, IT IS ORDERED THAT:

1. A NEW DEVELOPMENT SCHEDULE IS APPROVED AS FOLLOWS:

APPLICATION OF THE WATER TO THE PROPOSED USE SHALL
BE COMPLETED ON OR BEFORE

DECEMBER 1, 1981

2. THE TOTAL ANNUAL DIVERSION AND USE ALLOWED UNDER SAID PERMIT 12218 BE LIMITED TO 95.8 ACRE-FEET.
3. PARAGRAPH 7 OF THE PERMIT BE AMENDED TO READ AS FOLLOWS: PURSUANT TO WATER CODE SECTION 100, ALL RIGHTS AND PRIVILEGES UNDER THIS PERMIT AND UNDER ANY LICENSE ISSUED PURSUANT THERETO, INCLUDING METHOD OF DIVERSION, METHOD OF USE, AND QUANTITY OF WATER DIVERTED, ARE SUBJECT TO THE CONTINUING AUTHORITY OF THE STATE WATER RESOURCES CONTROL BOARD IN ACCORDANCE WITH LAW AND IN THE INTEREST OF THE PUBLIC WELFARE TO PREVENT WASTE, UNREASONABLE USE, UNREASONABLE METHOD OF USE, OR UNREASONABLE METHOD OF DIVERSION OF SAID WATER.

THIS CONTINUING AUTHORITY OF THE BOARD MAY BE EXERCISED BY IMPOSING SPECIFIC REQUIREMENTS OVER AND ABOVE THOSE CONTAINED IN THIS PERMIT WITH A VIEW TO MINIMIZING WASTE OF WATER AND TO MEETING THE REASONABLE WATER REQUIREMENTS OF PERMITTEE WITHOUT UNREASONABLE DRAFT ON THE SOURCE. PERMITTEE MAY BE REQUIRED TO IMPLEMENT SUCH PROGRAMS AS (1) REUSING OR RECLAIMING THE WATER ALLOCATED; (2) RESTRICTING DIVERSIONS SO AS TO ELIMINATE AGRICULTURAL TAILWATER OR TO

REDUCE RETURN FLOW; (3) SUPPRESSING EVAPORATION LOSSES FROM WATER SURFACES; (4) CONTROLLING PHREATOPHYTIC GROWTH; AND (5) INSTALLING, MAINTAINING, AND OPERATING EFFICIENT WATER MEASURING DEVICES TO ASSURE COMPLIANCE WITH THE QUANTITY LIMITATIONS OF THIS PERMIT AND TO DETERMINE ACCURATELY WATER USE AS AGAINST REASONABLE WATER REQUIREMENTS FOR THE AUTHORIZED PROJECT. NO ACTION WILL BE TAKEN PURSUANT TO THIS PARAGRAPH UNLESS THE BOARD DETERMINES, AFTER NOTICE TO AFFECTED PARTIES AND OPPORTUNITY FOR HEARING, THAT SUCH SPECIFIC REQUIREMENTS ARE PHYSICALLY AND FINANCIALLY FEASIBLE AND ARE APPROPRIATE TO THE PARTICULAR SITUATION.

4. THE QUANTITY OF WATER DIVERTED UNDER THIS PERMIT AND UNDER ANY LICENSE ISSUED PURSUANT THERETO IS SUBJECT TO MODIFICATION BY THE STATE WATER RESOURCES CONTROL BOARD, IF, AFTER NOTICE TO THE PERMITTEE AND AN OPPORTUNITY FOR HEARING, THE BOARD FINDS THAT SUCH MODIFICATION IS NECESSARY TO MEET WATER QUALITY OBJECTIVES IN WATER QUALITY CONTROL PLANS WHICH HAVE BEEN OR HEREAFTER MAY BE ESTABLISHED OR MODIFIED PURSUANT TO DIVISION 7 OF THE WATER CODE. NO ACTION WILL BE TAKEN PURSUANT TO THIS PARAGRAPH UNLESS THE BOARD FINDS THAT (1) ADEQUATE WASTE DISCHARGE REQUIREMENTS HAVE BEEN PRESCRIBED AND ARE IN EFFECT WITH RESPECT TO ALL WASTE DISCHARGES WHICH HAVE ANY SUBSTANTIAL EFFECT UPON WATER QUALITY IN THE AREA INVOLVED, AND (2) THE WATER QUALITY OBJECTIVES CANNOT BE ACHIEVED SOLELY THROUGH THE CONTROL OF WASTE DISCHARGES.

DATED: APRIL 18 1977


R. L. ROSENBERGER, CHIEF
DIVISION OF WATER RIGHTS

STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS
ROOM 1140, RESOURCES BUILDING
1416 NINTH STREET • SACRAMENTO 95814



ORDER APPROVING A NEW DEVELOPMENT SCHEDULE

PERMIT 12218

APPLICATION 18956

THE STATE WATER RESOURCES CONTROL BOARD HAVING DETERMINED THAT GOOD CAUSE HAS BEEN SHOWN FOR EXTENSION OF TIME WITHIN WHICH TO DEVELOP THE PROJECT PROPOSED UNDER PERMIT 12218; AND HAVING DIRECTED THAT THIS ORDER BE ISSUED;

NOW THEREFORE IT IS ORDERED THAT A NEW DEVELOPMENT SCHEDULE BE AND THE SAME IS HEREBY APPROVED AS FOLLOWS:

APPLICATION OF THE WATER TO THE PROPOSED USE SHALL BE COMPLETED ON OR BEFORE

DECEMBER 1, 1975

DATED: NOV 9 1970

K. L. Woodward
K. L. WOODWARD, CHIEF
DIVISION OF WATER RIGHTS

OFFICE OF THE ATTORNEY GENERAL

APPLICATION

STATE

THE STATE WATER RESOURCES CONTROL BOARD HAS REVIEWED THE APPLICATION AND HAS DETERMINED THAT THE PROJECT DESCRIBED IN THE APPLICATION IS IN ACCORDANCE WITH THE WATER RESOURCES CONTROL ACT AND THE WATER RESOURCES CONTROL BOARD HAS GRANTED THE APPLICATION.

APPROVED

BY THE BOARD OF WATER RESOURCES CONTROL

AND THE STATE ENGINEER HAS REVIEWED THE APPLICATION AND HAS DETERMINED THAT THE PROJECT DESCRIBED IN THE APPLICATION IS IN ACCORDANCE WITH THE WATER RESOURCES CONTROL ACT AND THE WATER RESOURCES CONTROL BOARD HAS GRANTED THE APPLICATION.

APPROVED

BY THE BOARD OF WATER RESOURCES CONTROL

DATE

OFFICE OF THE ATTORNEY GENERAL
DISTRICT OF COLUMBIA

STATE OF CALIFORNIA—RESOURCES AGENCY
STATE WATER RIGHTS BOARD

ORDER

APPLICATION 18956

PERMIT 12218

LICENSE _____

ORDER APPROVING A NEW DEVELOPMENT SCHEDULE

THE STATE WATER RIGHTS BOARD HAVING DETERMINED THAT GOOD CAUSE HAS BEEN SHOWN FOR EXTENSION OF TIME WITHIN WHICH TO DEVELOP THE PROJECT PROPOSED UNDER PERMIT 12218; AND HAVING DIRECTED THAT THIS ORDER BE ISSUED;

NOW THEREFORE IT IS ORDERED THAT A NEW DEVELOPMENT SCHEDULE BE AND THE SAME IS HEREBY APPROVED AS FOLLOWS:

CONSTRUCTION WORK SHALL BE COMPLETED ON OR BEFORE DECEMBER 1, 1968

APPLICATION OF THE WATER TO THE PROPOSED USE SHALL BE COMPLETED ON OR BEFORE DECEMBER 1, 1969

DATED: SEP 6 1967

L. K. Hill
L. K. HILL
EXECUTIVE OFFICER

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD

ORDER

APPLICATION 18956

PERMIT 12218

LICENSE _____

ORDER APPROVING A NEW DEVELOPMENT SCHEDULE

THE STATE WATER RIGHTS BOARD HAVING DETERMINED THAT GOOD CAUSE HAS BEEN SHOWN FOR EXTENSION OF TIME WITHIN WHICH TO DEVELOP THE PROJECT PROPOSED UNDER PERMIT 12218; AND HAVING DIRECTED THAT THIS ORDER BE ISSUED;

NOW THEREFORE IT IS ORDERED THAT A NEW DEVELOPMENT SCHEDULE BE AND THE SAME IS HEREBY APPROVED AS FOLLOWS:

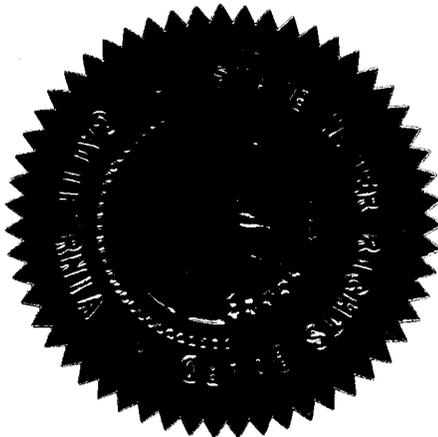
CONSTRUCTION WORK SHALL BE COMPLETED ON OR BEFORE DECEMBER 1, 1966

APPLICATION OF THE WATER TO THE PROPOSED USE SHALL BE COMPLETED ON OR BEFORE DECEMBER 1, 1966

WITNESS MY HAND AND THE SEAL OF THE STATE WATER RIGHTS BOARD

THIS 30th day of March, 1965

L. K. Hill
L. K. HILL
EXECUTIVE OFFICER



10-4-61 Name chgd. from B. McClendon to
Bernard McClendon

~~10-4-61~~ RECEIVED NOTICE OF ASSIGNMENT TO ^{Partial} ~~Carol McClendon dba~~
Bar-Rick Mutual Water Co.

~~12-3-62~~ RECEIVED NOTICE OF ASSIGNMENT TO ^{Partial} ~~Ada L. Hatcher and Mary Ellen~~
Pangle

10-30-72 Names of Ada L. Hatcher and
Mary Ellen Pangle dropped

8-16-76 Partial asgmt to Ralph J. + Dorothy S.
Hallingworth;

2-23-83 Ownership Chgd to Bar-Rick Mutual Water Company; Bernard
McClendon, Silvia McClendon, Cheryl A. Rafferty, Don Carl Mason, +
Lawrence George Mason

[For full information concerning the filling out of this form refer to
Article 4 of Rules and Regulations Pertaining to Appropriation of Water]

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD

Application No. 18956 Filed September 1, 1959 at 4:33 P. M.
(Applicant must not fill in the above blanks)

APPLICATION TO APPROPRIATE UNAPPROPRIATED WATER

I, C. H. McClendon and B. McClendon Notice of Assignment (Over)
Name of applicant or applicants
of P. O. Box 61, Crescent City County of Del Norte
Address
State of California, do hereby make application for a permit to appropriate the

following described unappropriated waters of the State of California, *SUBJECT TO VESTED RIGHTS*:

Source, Amount, Use and Location of Diversion Works

1. The source of the proposed appropriation is (1) Deer Creek (2) Boulder Creek
Give name of stream, lake, etc., if named; if unnamed state nature of source and that it is unnamed
located in Del Norte County, tributary to (1) South Fork Smith River thence Pacific Ocean
(2) South Fork Smith River thence Pacific Ocean

2. The amount of water which applicant desires to appropriate under this application is as follows:

(a) For diversion to be directly applied to beneficial use (1) 0.13, (2) 0.10 Total 0.23 ^{foot} cubic ~~foot~~ per second, to be diverted from January 1 to December 31 of each year.
1 cubic foot per second equals 40 statute miner's inches or 646,317 gallons per day
Beginning date Closing date

(b) For diversion to be stored and later applied to beneficial use _____ acre-feet
1 acre-foot equals 325,851 gallons
per annum, to be collected between _____ and _____ of each season.
Beginning date Closing date

NOTE.—Answer (a) or (b) or both (a) and (b) as may be necessary. If amount under (a) is less than .025 cubic foot per second, state in gallons per day. Neither the amount nor the season may be increased after application is filed. If underground storage is proposed a special supplemental form will be supplied by the State Water Rights Board upon request.

3. The use to which the water is to be applied is domestic and irrigation
Domestic, irrigation, power, municipal, mining, industrial, recreational

4. The point of diversion is to be located (1) 960' N and 1500' E of W $\frac{1}{4}$ corner of Section 32, T16N, R2E, HB&M. ^{purposes.}
State bearing and distance or coordinate distances from section or quarter section corner
(2) 3000' South and 50' E of N $\frac{1}{4}$ corner of Section 5, T15N, R2E, HB&M,

being within the (1) SE $\frac{1}{4}$ of NW $\frac{1}{4}$ (2) NW $\frac{1}{4}$ of SE $\frac{1}{4}$
(1) 32 40-acre subdivision of public land survey or projection thereof
of Section (2) 5, T. 15N, R. 2E, H. B. & M., in the County of Del Norte

5. The main conduit terminates in (2) SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 5, T. 15N, R. 2E, H. B. & M.
State 40-acre subdivision of U. S. Government survey or projection thereof

Description of Diversion Works

NOTE.—An application cannot be approved for an amount grossly in excess of the estimated capacity of the diversion works.

6. Intake or Headworks (fill only those blanks which apply)

(a) Diversion will be made by pumping from _____
Sump, offset well, unobstructed channel, etc.

(b) Diversion will be by gravity, the diverting dam being (1) & (2) 1 feet in height (stream bed to level of overflow); _____ feet long on top; and constructed of concrete
Concrete, earth, brush, etc.

(c) The storage dam will be _____ feet in height (stream bed to overflow level); _____ feet long on top; have a freeboard of _____ feet, and be constructed of _____
Concrete, earth, etc.

7. Storage Reservoir _____
Name

The storage reservoir will flood lands in _____
Indicate section or sections, also 40-acre subdivisions unless shown upon map

It will have a surface area of _____ acres, and a capacity of _____ acre-feet.

In case of insufficient space for answers in form, attach extra sheets at top of page 3 and cross reference.

8. Conduit System (describe main conduits only)

(a) Canal, ditch, flume: Width on top (at water line) _____ feet; width at bottom _____ feet; depth of water _____ feet; length _____ feet; grade _____ feet per 1,000 feet; materials _____

of construction _____

(b) Pipe line: Diameter (1) _____ inches; length (1) _____ feet; grade _____ feet per _____ feet; kind _____

Fall _____ feet; total lift _____ feet; from intake to outlet _____ feet; kind _____

NOTE.—If a combination of different sizes or kinds of conduit is to be used, attach extra sheets with complete description, also show location of each clearly on map.

9. The estimated capacity of the diversion conduit or pumping plant proposed is _____ sample _____ State cubic feet per second or gallons per minute

The estimated cost of the diversion works proposed is \$4,000 _____ Give only cost of intake, or headworks, pumps, storage reservoirs and main conduits described herein

Completion Schedule

10. Construction work will begin on or before _____ October, 1959

Construction work will be completed on or before _____ December, 1959

The water will be completely applied to the proposed use on or before _____ December, 1959

Description of Proposed Use

11. Place of Use. (1) 10 acres in NW¹ of SW¹ of NE¹ of SW¹, and 30 acres in SW¹ of SW¹ of Section 32, T16N, R2E (2) 9 acres in SW¹ of NE¹ of SW¹ and 9 acres in SW¹ of NE¹ of Section 5, T15N, R2E

40-acre tracts, describe area in a general way and show detail upon map.

Do(es) applicant(s) own the land whereon use of water will be made? _____ Yes _____ No

Jointly? _____ Yes (brother) _____ No

If applicant does not own land whereon use of water will be made, give name and address of owner and state what arrangements have been made with him.

12. Other Rights. Describe all rights except those on file with the State Water Rights Board under which water is served to the above named lands.

Nature of Right (riparian, appropriative, purchased water, etc.)	Year of First Use	Use made in recent years including amount if known	Season of Use	Source of Other Supply

Attach supplement at top of page 3 if necessary.

13. Irrigation Use. The area to be irrigated is _____ 73 _____ acres. State net acreage to be irrigated

The segregation of acreage as to crops is as follows: Rice _____ acres; alfalfa _____ acres; pasture _____ 68 _____ acres.

NOTE.—Care should be taken that the various statements as to acreage are consistent with each other, with the statement in Paragraph 11, and with the map.

The irrigation season will begin about _____ May 1 _____ and end about _____ October 1 _____

Beginning date _____ Closing date _____

14. Power Use. The total fall to be utilized is _____ feet. Difference between nozzle or draft tube water level and first free water surface above

The maximum amount of water to be used through the penstock is _____ cubic feet per second.

The maximum theoretical horsepower capable of being generated by the works is _____ horsepower. Second feet \times fall \div 8.8

The use to which the power is to be applied is _____ For distribution and sale or private use, etc.

The nature of the works by means of which power is to be developed is _____ Turbine, Pelton wheel, etc.

The size of the nozzle to be used is _____ inches.

The water will not be returned to _____ in _____ State 40-acre subdivision _____

Sec. _____ T. _____ R. _____ B. & M. _____

15. **Municipal Use.** This application is made for the purpose of serving _____
Name city or cities, town or towns. Urban areas only
_____ having a present population of _____

The estimated average daily consumption during the month of maximum use at the end of each five-year period until the full amount applied for is put to beneficial use is as follows:

16. **Mining Use.** The name of the mining property to be served is _____
Name of claim
_____ and the nature of the mines is _____
Gold placer, quartz, etc.

The method of utilizing the water is _____

It is estimated that the ultimate water requirement for this project will be _____
Cubic feet per second, gallons per minute. State basis of estimate

The water ^{will} be polluted by chemicals or otherwise _____
will not _____
Explain nature of pollution, if any

and it ^{will} be returned to _____ in _____ of
will not _____
Name stream _____ State 40-acre subdivision

Sec. _____, T. _____, R. _____, B. & M. _____

17. **Other Uses.** The nature of the use proposed is domestic
Industrial, recreational, domestic, stockwatering, fish culture, etc.

State basis of determination of amount needed. 10 persons
Number of persons, residences, area of domestic lawns and gardens, number and kind of stock, type

industrial use, and unit requirements

General

18. Are the maps as required by the Rules and Regulations filed with Application? Yes If not,
Yes or No
state specifically the time required for filing same _____

19. Does the applicant own the land at the proposed point of diversion? No If not, give name and
Yes or No
address of owner and state what steps have been taken to secure right of access thereto. Six Rivers N. F. - have
applied for right of way from Six Rivers N. F.

20. What is the name of the post office most used by those living near the proposed point of diversion?
Crescent City

21. What are the names and addresses of claimants of water from the source of supply below the proposed point of diversion? None

