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JAN 17 1997

State of Idaho
Department of Water Resources

Department of Water Resources

APPLICATION FOR AMENDMENT

(For Licensing Purposes)

WATER RIGHT NO. 32-07122

Date of Priority: May 26, 1982

Maximum Diversion Rate:

1.53 CFS

Maximum Diversion Volume:

1107.7 AF

Comes now

KENNETH E ROWLAND

~~HC 61 BOX 1060~~ 890 S SKYLINE DR~~DUBOIS ID 83422~~ IDAHO FALLS, ID 83402 and represents to the Director of the

Idaho Department of Water Resources:

That he is the owner and holder of Permit to appropriate the Public Waters of the State of Idaho No. 32-07122, and requests that the permit be changed as follows:

Source: FRITZ CREEK

tributary to MEDICINE LODGE CREEK

BENEFICIAL USEPERIOD OF USERATE OF DIVERSIONANNUAL VOLUME

POWER

01/01 to 12/31

1.53 CFS

1107.7 AF

LOCATION OF POINT(S) OF DIVERSION:NWSE, Sec. 27, Township 13N, Range 32E
CLARK CountyPLACE OF USE: POWERTWN RGE SEC

13N 32E 26

SWNW

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk.

Signed at IDAHO FALLS, ID, this 14th day of JANUARY, 1997.

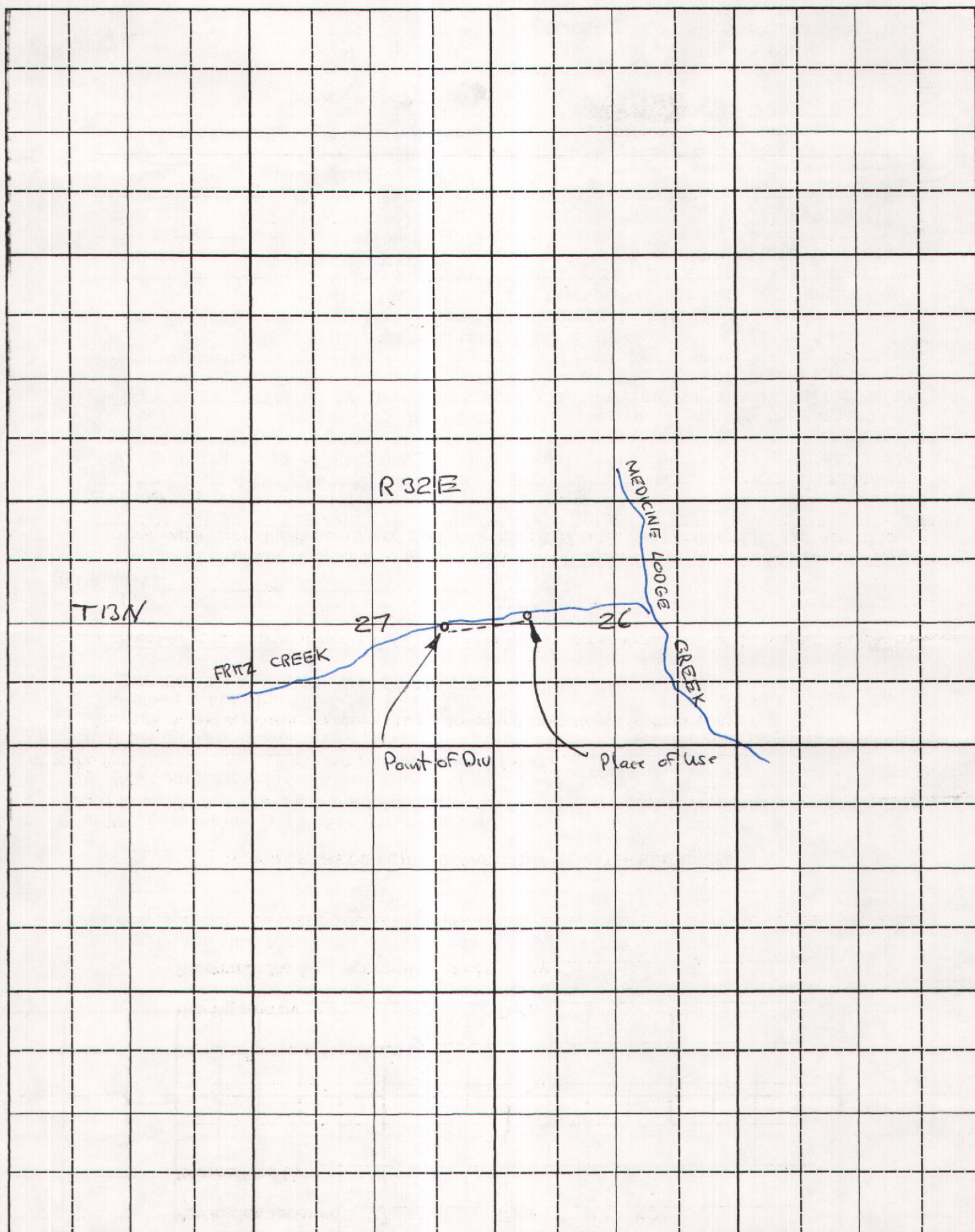
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Kenneth Rowland

(Signature)

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Kenneth E. Rowland
(Applicant)



Fig. 6 - Close-up of generator operated by Pelton Wheel.

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Fig. 7 - Inside of powerhouse showing waterheater to four-season use of hydropower facility.

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Fig. 8 - Cabin at place of use supplied by hydropower.



Fig. 9 - Shop building supplied by hydropower.

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Fig. 4 - Second view of Pelton Wheel from door of powerhouse.

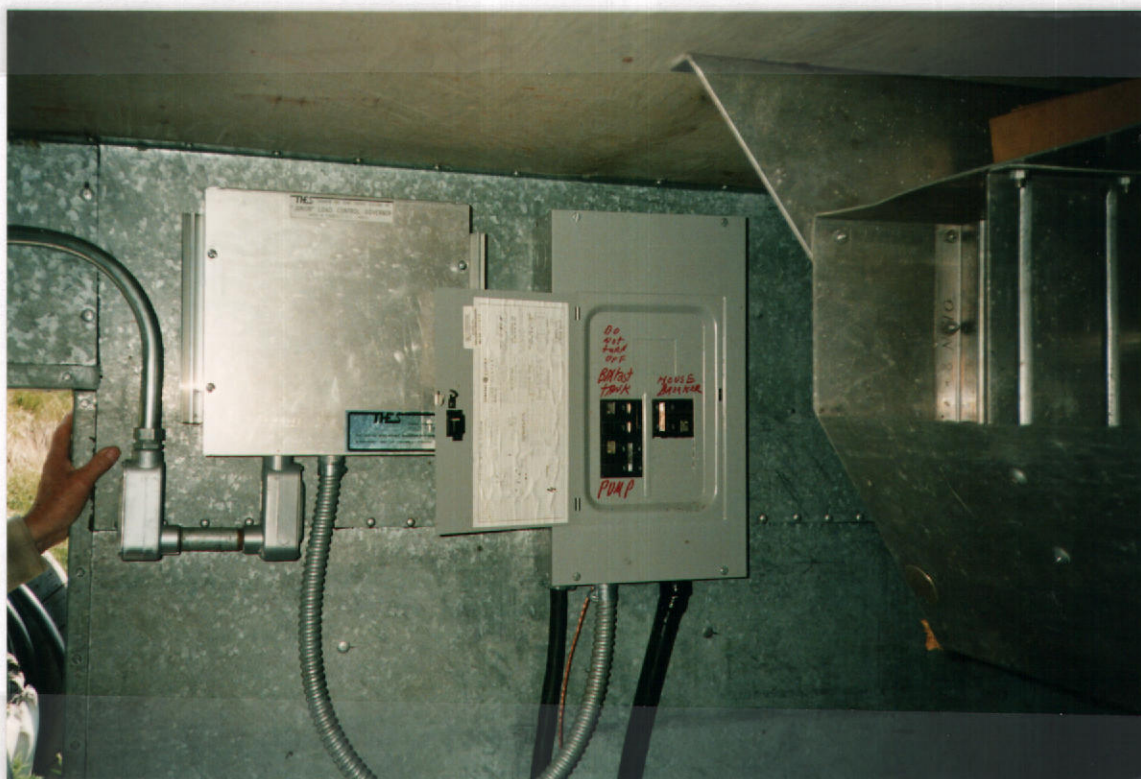


Fig. 5 - Control boxes for power supply inside powerhouse.

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Fig. 2 - Fritz Creek looking upstream from diversion dam.

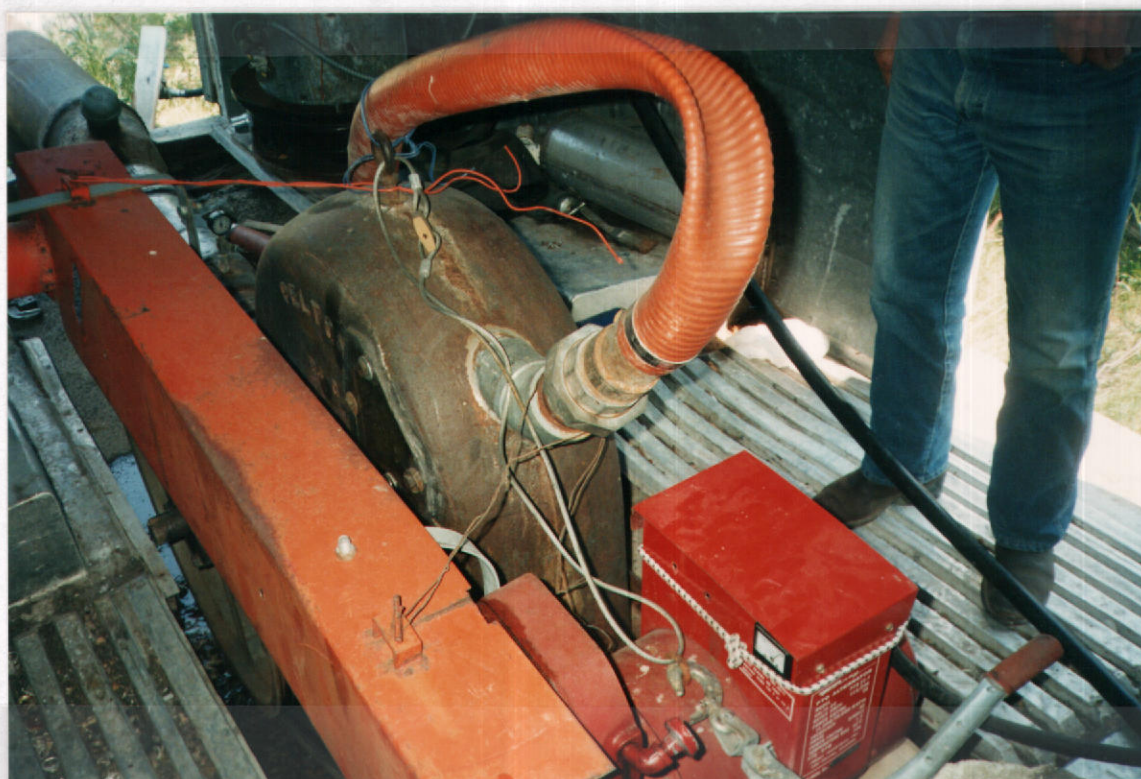


Fig. 3 - Inside of powerhouse showing Pelton Wheel and drive assembly.

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Fig. 1 - Dam at point of diversion showing headbox for penstock and overflow/bypass into Fritz Creek.

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26 25

26 25
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EMARLOWE
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GOBLE

THI

32-07122

22 23
27 26

27 26
34 35

PLACE OF USE

POUSTOCK

POINT OF DIVERSION

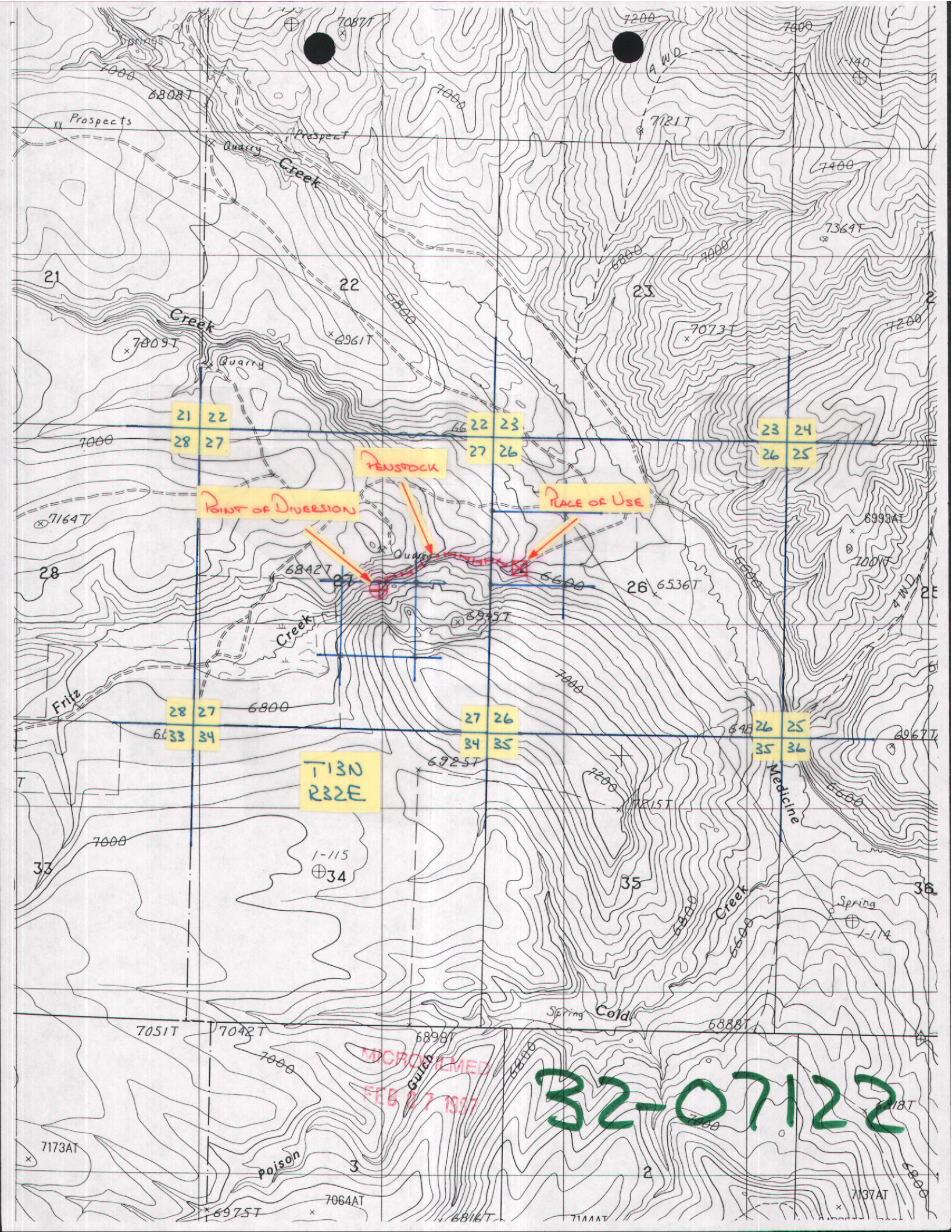
T13N
R32E

USA

KENNETH ROWLAND

MEDICINE
LODGE
CATTLE
ASSN.

32-07122



State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 32-07122

Priority: May 26, 1982

Maximum Diversion Rate: 1.53 CFS

Maximum Diversion Volume: 1107.7 AF

This is to certify, that KENNETH E ROWLAND

890 S SKYLINE DR

IDAHO FALLS ID 83402

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated May 26, 1982; and has submitted Proof of Beneficial Use on July 31, 1989. An examination indicates that the works have a diversion capacity of 1.530 cfs of water from:

FRITZ CREEK

tributary to MEDICINE LODGE CREEK

source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
POWER	01/01 to 12/31	1.53 CFS	1107.7 AF

LOCATION OF POINT(S) OF DIVERSION:

NWSE , Sec. 27, Township 13N, Range 32E
CLARK County

PLACE OF USE: POWER

TWN RGE SEC

13N 32E 26

SWNW

CONDITIONS OF APPROVAL AND REMARKS

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Use of water under this water right will be regulated by the watermaster of State Water District No. 32C.
6. This right does not constitute Idaho Public Utilities Commission or Federal Energy Regulatory Commission approval that may be required.
7. Use of water under this right shall be non-consumptive.

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State of Idaho
Department of Water Resources**WATER RIGHT LICENSE**

WATER RIGHT NO. 32-07122

CONDITIONS OF APPROVAL AND REMARKS

8. The rights for the use of water confirmed in this license shall be junior and subordinate to all rights for the use of water other than hydropower, within the State of Idaho that are initiated later in time than the priority of this right and shall not give rise to any right or claim against any future rights for the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this right.
9. The diversion and use of water for hydropower purposes under this license is subject to review by the Director on or after September 1, 1999. Upon appropriate findings relative to the interest of the public, the Director may cancel all or any part of the use authorized herein and may revise, delete or add conditions under which the right may be exercised.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 24TH day of JANUARY, 1997.


Acting for KARL J. DREHER, Director

MICROFILMED

FEB 07 1987

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JAN 17 1997

State of Idaho
Department of Water Resources

Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 32-07122**Date of Priority:** May 26, 1982**Maximum Diversion Rate:**

1.53 CFS

Maximum Diversion Volume:

1107.7 AF

Comes now

KENNETH E ROWLAND

~~HC 61 BOX 1060~~ **890 S SKYLINE DR**~~DUBOIS ID 83422~~ **IDAHO FALLS, ID 83402** and representing to the Director of the

Idaho Department of Water Resources.

That he is the owner and holder of right to appropriate the Public Waters of the State of Idaho No. 32-07122 and he desires to amend the permit as follows:

Source: FRITZ CREEK

vicinity of MEDICINE LAXON CREEK

BENEFICIAL USE**PERIOD OF USE****RATE OF DIVERSION****ANNUAL VOLUME**

POWER

01/01 to 12/31

1.53 CFS

1107.7 AF

LOCATION OF POINT OF DIVERSION

FRITZ CREEK

about 1/2 mile upstream from the State Park
Creek County**PLACE OF USE: POWER****TWN RGE SEC**

13N 32E 26

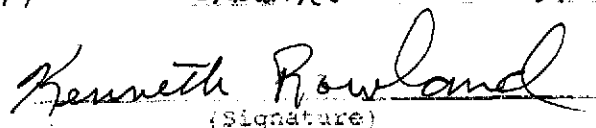
Permit holder asserts that he is the owner of the right to appropriate the Public Waters of the State of Idaho and that such change will be made at permit holder's expense.

Signed at IDAHO FALLS, ID14th day of JANUARY

1997

MICROFILMED

FEB 07 1997


(Signature)

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 32-07122

FOR DEPARTMENT USE ONLY

Preliminary check by _____ Fee = 50⁰⁰ Received by EMC # E022885 Date 14 JAN 97

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, Karl J. Dreher, of the Department of Water Resources hereby approve the
above Application for Amendment for Permit No. 32-07122 with the following;

CONDITIONS OF APPROVAL AND REMARKS

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Use of water under this water right will be regulated by the watermaster of State Water District No. 32C.
6. This right does not constitute Idaho Public Utilities Commission or Federal Energy Regulatory Commission approval that may be required.
7. Use of water under this right shall be non-consumptive.
8. The rights for the use of water confirmed in this license shall be junior and subordinate to all rights for the use of water other than hydropower, within the State of Idaho that are initiated later in time than the priority of this right and shall not give rise to any right or claim against any future rights for the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this right.
9. The diversion and use of water for hydropower purposes under this license is subject to review by the Director on or after September 1, 1999. Upon appropriate findings relative to the interest of the public, the Director may cancel all or any part of the use authorized herein and may revise, delete or add conditions under which the right may be exercised.

FEB 07 1997

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT

(For Licensing Purposes)

WATER RIGHT NO. 32-07122

Witness my hand this 24TH day of JANUARY, 1997.


Acting for KARL J. DREHER, Director

MICROFILMED

FEB 07 1997

Form 217
03/86

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JUL 3 1989

Department of Water Resources
Eastern District Office

RECEIVED
AUG 02 1989

STATE OF IDAHO
Department of Water Resources

DEPARTMENT OF WATER RESOURCES

For Office Use Only
Fee Received 225⁰⁰
Date 7-31-89
Receipt # E009668
Receipt by KCW
Reviewed by _____
Sent to region _____

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 32-7122

Name(s) of Permit Holder: Kenneth E. Rowland

* Post Office Address: Star Route Dubois Id 83423

* Telephone No. 374-5508

Source of Water: Fritz Creek

Extent of Use:

Domestic _____ (number of households) Stockwater _____ (number and type of stock)

Irrigation _____ (acres) Other/Remark Power

Total rate and/or volume for which proof is submitted 6.0 cfs _____ acre-feet

* Show the date water was first diverted and beneficially used under this permit: Oct 1988

Measuring Device: Required? Yes ☒ No
Installed? Yes ☒ No

Fee enclosed \$ 225⁰⁰
(See License Examination Fee Schedule)

Flow Measurement Port: Required? Yes ☒ No
Installed? Yes ☒ No

Person to contact to accompany the Department representative during the field examination:

* Kenneth Rowland 374-5508/522-7584
(Name) (Telephone Number)

* Star Rt, Dubois Id 83423 / 890 S. Skyline
(Address) Idaho Falls Id 83402

The above information is my true statement of the extent to which the above numbered permit holder(s) intend to develop the permit. I relinquish any undeveloped portion of the permit to the state of Idaho.

AUG 18 1989

* 7/30/1989
Date

* Kenneth E. Rowland
Signature of Permit Holder (and title, if appropriate)

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JUN 11 1987

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

REQUEST FOR EXTENSION OF TIME

To provide additional time in which to submit proof
of beneficial use for a water right permit

RECEIVED

JUN 10 1987

Department of Water Resources

Department of Water Resources

The Idaho Department of Water Resources will consider this form as a request that the ~~permit holder~~ be granted an additional period of time in which to complete development of a water right under the provisions of Section 42-204, Idaho Code.

Permit No. 32-7122

Name(s) of Permit Holder: Kenneth Rowland

Post Office Address: Dubois, Idaho 83423

Telephone No. 374-3508

Date Proof is Due: Aug. 1, 1987

Describe what work has been completed toward the development of this water right:
(This must be filled out! If no work has been completed, show "none".)

To date applicant has installed 2000' of pipeline. Needs to install additional 200'. When this is complete powerhouse can be built. Generator and penstock wheel have been purchased. Expect 200' pipeline to be installed by Aug. 1, 1987. Costing \$ ~~15,000~~^{20,000}

The permit holder(s) has been unable to complete the remainder of the work for the following reasons:

Problems w/ scheduling pipe layer and trouble finding heavy gauge pipe for lower portions of pipeline. Problems with weather. Can't get to site until middle of June.

Permit holder(s) **MICROFILMED** to Aug. 1, 1987 Kenneth Rowland
(1 yr. minimum) (Signature)*

FEE: \$15.00

JUL 02 1987

*IF OTHER THAN PERMIT HOLDER,
POWER OF ATTORNEY MUST BE SUPPLIED.

ACTION OF THE DEPARTMENT OF WATER RESOURCES

IT IS HEREBY ORDERED that the above request for extension of time be APPROVED and the time within which to submit proof of beneficial use is extended to August 1, 1989.

Signed this 22nd day of June, 19 87.

J. Glen Saxton
Chief, Operations Bureau

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant Kenneth E. Rowland Phone 374-5508
Post office address Star Route Dubois, Idaho 83423
2. Source of water supply Fritz Creek which is a tributary of Medicine Lodge Creek
3. Location of point of diversion is NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 27 Township 13N
Range 32E B.M. Clark County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 6.00 cfs for Power purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

- a. 6.00 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

- a. Description of ditches, flumes, pumps, headgates, etc. Headgate to 20" steel pipe
running 1500' to Pelten wheel and back into creek.
- b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet, materials used in storage dam: _____
Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)
- c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years (minimum 1 year - maximum 5 years).

8. Description of proposed uses:

- a. If water is not for irrigation:
(1) Give the place of use of water: SW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 26 Township 13N
Range 32E B.M.
- (2) Amount of power to be generated: 54 KR horsepower under 100 feet of head.
40
- (3) List number of each kind of livestock to be watered _____
- (4) Name of municipality to be served _____, or number of families to be supplied with domestic water _____.
- (5) If water is to be used for other purposes describe: Water used to generate power for
ranch use

1. *Chlorophyll a* (Chl a) is the primary photosynthetic pigment in most plants and algae. It is a green pigment that absorbs light energy in the blue and red regions of the visible spectrum. Chl a is essential for the light-dependent reactions of photosynthesis, where it converts light energy into chemical energy in the form of ATP and NADPH.

2. *Chlorophyll b* (Chl b) is an accessory pigment found in green plants and algae. It is a yellow-green pigment that absorbs light energy in the blue and red regions of the visible spectrum. Chl b transfers the absorbed energy to Chl a, which then uses it for photosynthesis. Chl b also plays a role in protecting Chl a from photodamage.

3. *Carotenoids* are a group of pigments found in plants and algae. They include carotenes (orange pigments) and xanthophylls (yellow pigments). Carotenoids absorb light energy in the blue and blue-green regions of the visible spectrum and transfer the energy to Chl a. They also play a role in protecting the photosynthetic apparatus from photodamage by acting as antioxidants.

4. *Anthocyanins* are water-soluble pigments found in many plants, particularly in the leaves and fruits. They are responsible for the red, purple, and blue colors seen in many plants. Anthocyanins are not directly involved in photosynthesis but can play a role in protecting the plant from environmental stress, such as UV radiation and herbivory.

5. *Phycobilins* are a group of pigments found in cyanobacteria and red algae. They include phycocyanin (blue pigment) and allophycocyanin (red pigment). Phycobilins absorb light energy in the blue and green regions of the visible spectrum and transfer the energy to Chl a. They are essential for the photosynthesis of these organisms, particularly in aquatic environments where light penetration is limited.

10. Remarks

applicant to make this filing

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the

b. Who owns the land to be irrigated or place of use

9. a. Who owns the property at the point of diversion

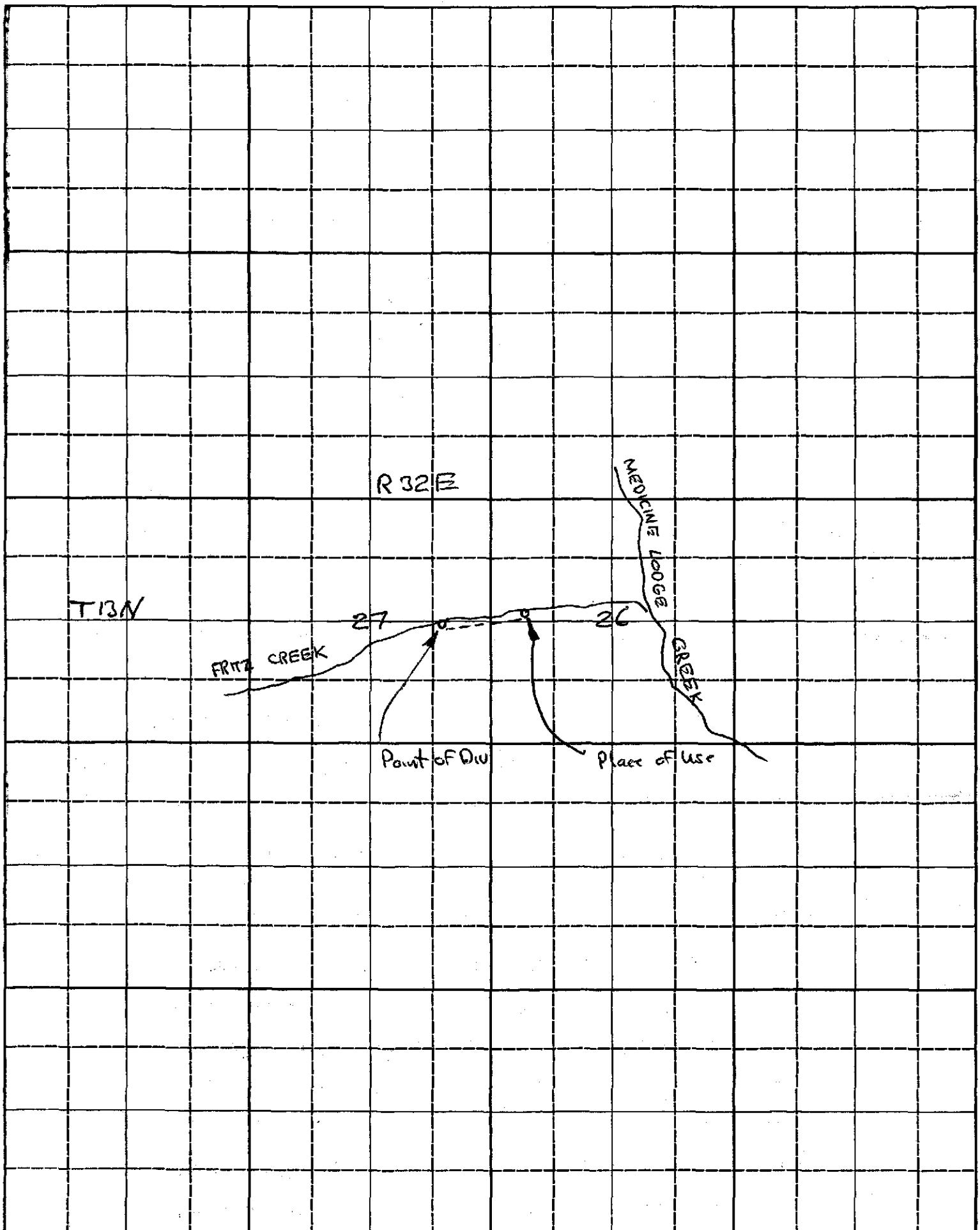
c. Describe any other water rights used for the same purposes as described above. None

Total number of acres to be irrigated

[illegible]

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Kenneth E. Rowland
(Applicant)

Received by HWS Date 5-26-82 Time 3:16 pm
Assisted by HWS
Preliminary check by KW Fee \$ 145.00
Received by BP Date 5-26-82 # 22277
Publication prepared by BP Date 6-3-1982
Published in Standard Journal
Publication dates 6-10 & 6-17-1982
Publication approved and Date 7-12-82
Protests filed by: _____
Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by BMC

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 32-7122, and said application is hereby APPROVED

1. Approval of said application is subject to the following limitations and conditions:

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before August 1, 19 87.
- c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.
- d. Other:

- Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.
- An access port or other device as specified by the Department shall be installed by the permit holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.
- This permit does not constitute Idaho Public Utilities Commission or Federal Energy Regulatory Commission approval that may be required. This permit is subject to the provisions of Sections 42-205 through 42-210, Idaho Code, restricting the sale, transfer, assignment, or mortgage of this permit. Failure to comply with these provisions is cause for immediate cancellation of this permit.
- This project shall be operated in a manner that will not conflict or interfere with the future diversion of water for irrigation or other beneficial consumption.
- Use of water under this permit is subject to control by the watermaster of State Water District No. 32-C, Medicine Lodge Creek.

Witness my hand this 30 day of August, 1982.

D. Ann Sawyer
Chief, Operations Bureau

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
AFFIDAVIT FOR WATER RIGHTS TO BE USED
FOR POWER PURPOSES

A. Establishment of Residency: (Complete either 1, or 2).

1. Individual Applicant or Individual Members of a Partnership:

I, KENNETH or MARY ROWLAND of DUBOIS,
(name) (city)

county of CLARK, State of Idaho, being duly sworn, do
hereby certify that I am a bona fide resident of the State of Idaho.

2. Corporation:

I, _____ of _____,
(name) (city)

County of _____, State of Idaho, being duly sworn, depose
and say: That I am the designated registered agent of the _____

_____: that as such I am in charge of the registered
(name of corporation)

office of the said corporation as required by Section 30-1-12, Idaho Code, at

_____, Idaho, wherein are kept the corporate records required
(city)

by Section 30-1-52, Idaho Code: and that _____
(name of corporation)

is a corporation qualified to do business in the State of Idaho under the laws of
the State of Idaho.

B. Ownership of Facilities: (To be completed for hydropower projects only)

The hydropower facility to be developed pursuant to the attached Application for
Permit:

- (check one) ☒ Will not utilize existing man-made irrigation facilities such as a dam or a
canal.
- ☐ Will utilize existing man-made irrigation facilities such as a dam or a canal,
and permission of the owner is documented in an affidavit attached hereto.
- ☐ Will utilize existing man-made irrigation facilities such as a dam or a canal
and the owner of the facilities is the signee of this affidavit.

State of Idaho }
County of Bannock } ss.

Kenneth Rowland
Mary Rowland
Applicant

On this 11 day of August, 19 82, personally
appeared before me the signer(s) of the above instrument, who duly acknowledged
to me that he (she) (they) executed the same.

seal

[Signature]
Notary Public residing at
Idaho Falls, Idaho

My commission expires:

6/3/85

The REXBURG STANDARD and
The REXBURG JOURNAL
REXBURG, IDAHO

RECEIVED
JUL 8 1982

Department of Water Resources
Eastern District Office

Affidavit of Publication

STATE OF IDAHO }
County of Madison } ss.

Bruce Porter

I, being first duly sworn, depose and say,
that I am the printer of THE REXBURG

Journal

, a newspaper printed and
published weekly at Rexburg, Madison
County, Idaho; and I do solemnly swear
that the

Notic Of Application For Water Right

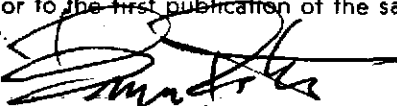
a copy of which notice appears attached
hereto, was published in the regular and
entire issue of said newspaper, and not in

any supplement issue thereof for Two
consecutive issues, the first publication hav-

ing been made on June 10, 1982
and the last publication having been made

on June 17, 1982

Further, that said newspaper is one of
general circulation in said county; that it
is a legal newspaper, conforming to legal
specifications under the Idaho Statutes; that
it has at least two hundred bona fide sub-
scribers living within the county of publica-
tion; and that it has been continuously and
uninterruptedly published in said county dur-
a period of seventy-eight consecutive weeks
prior to the first publication of the said not-
ice.



Subscribed to and sworn to before me

this June 18, 1982



Notary Public.

(SEAL)

My commission expires Life.

**NOTICE OF APPLICATION
FOR WATER RIGHT
32-7122**

Notice is hereby given that the following
application(s) have been submitted for permit
to appropriate the public waters of the State
of Idaho:

ROWLAND, KENNETH E. STAR ROUTE,
DUBOIS, ID 83423

Source: FRITZ CREEK tributary to
MEDICINE LODGE CREEK

Date Filed: 05/26/1982

Amount: 6.00 CFS

Diversion Point: NESE Sec 27 T 13N R
32E, CLARK Co.

Use: POWER (6.00 CFS) from 01/01 to
12/31

Place of Use: SWNW Sec 26 T 13N R 32E
Diversion Means: HEADGATE, PIPE &
WHEEL

If issued, the permit(s) will be subject to all
prior water rights. Protests against the
granting of any permit must be filed with the
Director of the Idaho Department of Water
Resources, 150 Shoup Ave., Idaho Falls,
Idaho 83402 on or before JUNE 28, 1982.

/s/A. KENNETH DUNN
Director

Publ: June 10 and 17, 1982J



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

January 27, 1997

KENNETH E ROWLAND
890 S SKYLINE DR
IDAHO FALLS ID 83402

RE: WATER RIGHT NO. 32-07122

Dear Water Right Holder(s):

Enclosed is a copy of the Water Right License issued on the above referenced permit along with a copy of your approved Application for Amendment. Should you have any questions regarding these documents, please contact me.

Also, please note that as of July 1, 1996, water right owners are required to report any change of water right ownership and any change of mailing address to the department. If you have acquired a water right or have changed your mailing address PRIOR TO July 1, 1996, you have until July 30, 1998, to notify the department. If you acquire a water right or change your mailing address AFTER July 1, 1996, you must notify the department within 120 days of the change.

Failure to report these changes could result in a \$100 late filing fee. Contact any office of the department to obtain the proper reporting form.

Sincerely,

A handwritten signature in cursive script that reads "Shelley W. Keen".

Shelley W. Keen
Water Rights Supervisor

SK:ph

Enclosure

MICROFILMED

FEB 07 1997



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

January 9, 1997

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

KENNETH E. ROWLAND
890 S SKYLINE DRIVE
IDAHO FALLS ID 83402-3126

RE: WATER RIGHT NO. 32-07122

CHANGE OF ADDRESS

Dear Mr. Rowland:

IDWR has been notified that the address presently in our records is out-of-date. Although it appears that we can reach you at the address above, we need you to confirm that this is your correct mailing address.

To insure that the proper address is included in all of your water rights on file with IDWR, please check your records to confirm that the water rights listed herein are all of the water rights that you own.

If the address above is correct, please sign your name at the bottom of this letter, date it, and return it to this office. Otherwise, please make the proper corrections, sign, date, and return this letter. Thank you for your help.

If the ownership of the property and/or address to which the water right(s) referenced above have changed, please call this office at (208)327-7941 to obtain a form to make this required change to the water right record.

Sincerely,

Patti Harrell

Patti Harrell, Secretary
Water Permits Section

The address is correct as shown above or as otherwise changed.

Water Right Holder's Signature _____

Date _____

Phone # _____

Additional Water Right #'s: _____

MICROFILMED

FEB 9 7 1997

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
1301 North Orchard Street
Boise, Idaho 83706-2237

RECEIVED
JAN 08 1997
Department of Water Resources

Row 1 061

MICROFILMED
JAN 13 1997

ROWL061 834233007 1995 01/02/97
FORWARD TIME EXP RIN TO SEND
ROWLAND
890 S SKYLINE DR
IDAHO FALLS ID 83402-3126
RETURN TO SENDER

834233007 61





State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

December 30, 1996

KENNETH E ROWLAND
HC 61 BOX 1060
DUBOIS ID 83423

RE: WATER RIGHT NO. 32-07122

Dear Water Right Holder:

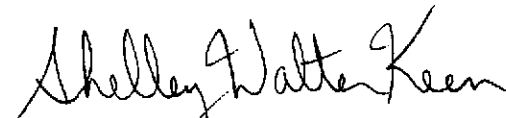
The above referenced water right is in the process of being licensed. However, before a license can be issued, your permit must be amended to depict your water right as it has actually been developed.

The enclosed Application for Amendment contains information that will be included on the license when it is issued. The amendment reflects a change in the location of the point(s) of diversion. Please review carefully and if you concur, sign the amendment and return with the \$50.00 filing fee within 14 days.

The last page of the Application for Amendment form contains a list of Conditions of Approval and Remarks proposed for the license when it is issued. These conditions of approval and remarks may be modified upon further administrative review.

If you do not concur, or if you have any questions about this information, please contact me as soon as possible. My telephone number is (208) 327-7946.

Sincerely,


Shelley W. Keen
Water Rights Supervisor

SK:ph

Enclosure

MICROFILMED
FEB 8 7 1997

MEMORANDUM

TO: File 32-07122

FROM: Sharla

DATE: December 26, 1996

RE: Power Use

Power use is for an individual power facility which does not require licensing from FERC. Since power is solely used by the right holder and is not sold, there is no power purchase contract. Therefore, the term of years to be listed on the license is not pre-determined by the above. As set forth in Section 42-203B(7), the term of years (once determined) is calculated as commencing at the time of the proof of beneficial use filing. Previously issued licenses falling in this category have had a term set for 10 years. In this case, proof was filed more than ten years ago. The term will be given an additional ten years, thus expiring September 1, 1999.

Examiner: Paul Meyer
Exam Date: July 15, 1994

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FEB 27 1997

LICENSE REVIEW CHECKLIST

PERMIT NO. 32-07122

DATE 12/26/96

REVIEWER: SHARLA

NAME Change OK

Address Change yes

SOURCE Change OK

Is change clarification of originally intended source? no

POINT OF DIV Change OK

If not, prepare Notice of Intent to Void no
Amendment required yes

PLACE OF USE Change OK

Amendment required no

Does map agree with written description? yes no

OVERLAPS no P/D no P/U

RATE OF DIV

Permitted Rate 6.0 cfs

Fee limit 6.0 cfs \$22500

Measured 1.53 cfs

Theoretical no cfs

Recommended Total Div Rate 1.53 cfs

ANNUAL VOLUME/
NATURE OF USES no

Use Power

Volume Calculation

1107.7 af

af

af

af

SUBTOTAL 1107.7 af

Flow rate no cfs X no days X 1 9835 = no af

Total volume recommended no af

(SUBTOTAL or Flow Rate, whichever is less)

REMARKS

W42 (Sept 1, 1999).

CONDITIONS

Ref Watermaster Control WD# 32-C

no GW Measurement/Measuring Device

no Overlap Ref 22

no Use-specific conditions 025, 027

Advancement of Priority Date Required no yes no

SRBA Claim Filed N/A

Adjustment Memo yes

1st Amend Letter P39, P38

2nd Amend Letter P47

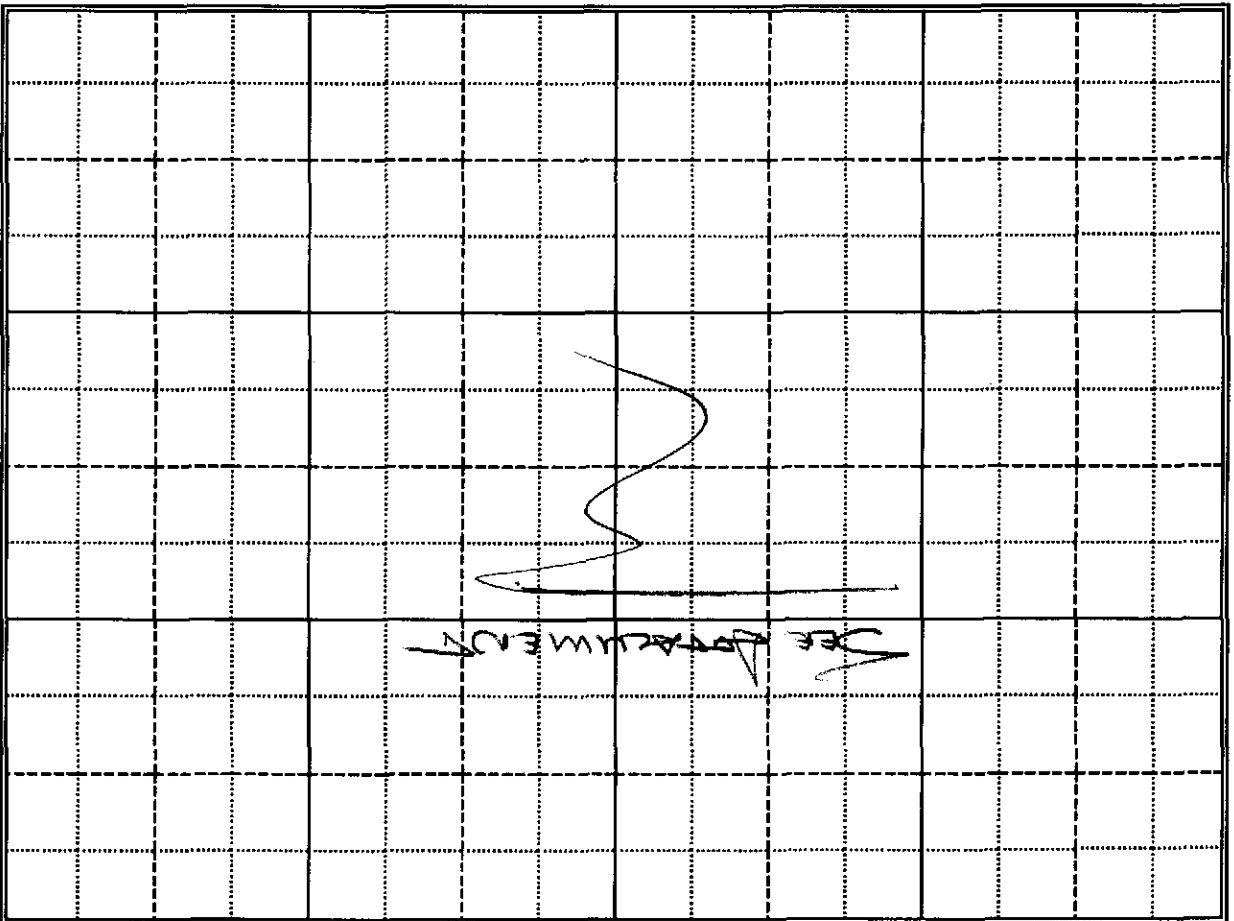
only claim filed by Rowland is A31-10273 for gwl

NO SRBA claims w/ pld in NWSE or SENE, S27.

7.77.
A3110036 = waste water (Siddoway) 13N 39E, S32

FEB 07 1997

3. Delivery System Diagram: Indicate all major components and distances between components. Indicate weir size/ditch size/pipe l.d. as applicable.



Scale: 1" = _____
 _____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).
 _____ Aerial Photo Attached (required for irrigation of 10+ acres)
 _____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
POWER WHEEL	DELTON		UNKNOWN		12" INLET
GENERATOR	FORNEY	240V	7EA-433	ATREXARRE	

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
OLYSONIC FLOW FLUTE	ULTRASOUND					

2. Measurements:

Flow Apparatus Serial No. = 686,583 GPM

UNRECORDED

200 0 0 000

E. NARRATIVE/REMARKS/COMMENTS

DIVERSION DAM WITH OVERFLOW IN FRITZ CREEK. SCREENED ENTRANCE TO PENSTOCK AT POINT OF DIVERSION. PENSTOCK MADE OF STEEL PIPE OF VARIOUS GAUGES AND DIAMETERS FROM 12" TO 20" ID. PENSTOCK RUNS DOWNHILL ALONG EDGE OF FRITZ CREEK APPROX. 1/2 MILE TO PELTON WHEEL AND POWER GENERATOR AT PLACE OF USE. WATER THEN RETURNS TO CREEK IMMEDIATELY DOWNSTREAM OF PELTON WHEEL.

POWER IS SUPPLIED TO BARN/SHOP AND TO CABIN AT PLACE OF USE.

IRRIGATION WATER IS ALSO SUPPLIED BY PENSTOCK AND IS DIVERTED FROM PENSTOCK BY VALVED "Y" APPROX 40' UPSTREAM OF PELTON WHEEL. SEE SRBA NOTICE OF CLAIM A31-10036

IN USE ALL YEAR AS NEEDED. SYSTEM IS EQUIPPED WITH WATER HEATER TO PREVENT FREEZE-UP DURING COLD WEATHER.

*AMEND AS SHOWN

Have conditions of permit approval been met? ☒ yes ☐ no

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FEB 07 1987

Additional Computation Sheets Attached

F. FLOW CALCULATIONS

Measured Method:

From attached divergence flowmeter strip

$$Q = 686.583 \text{ gpm} = 686.583 \text{ gpm} / 448.8 \text{ gpm/cfs} = 1.53 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses:

As per discussions with applicant, ranch and stream accessible and usable all year. No way to estimate total use in year as needs change.

$$1.53 \text{ cfs} (365 \text{ days}) 1.9835 = 1107.7 \text{ ac-ft}$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use

Lower

From
To

1-1
12-31

Rate of Diversion

Q (cfs)

1.53

Annual Volume

V (af)

1107.7

Totals:

1.53

1107.7

2. Recommended Amendments

☒ Change P.D. as reflected above
☐ Change P.U. as reflected above

☐ Add P.D. as reflected above
☐ Add P.U. as reflected above
☐ None
☐ Other

I. AUTHENTICATION

Field Examiner's Name

[Signature]

Date

1-30-95

Reviewer

Date

2-16-95

SEAL

NOT FOR REUSE
FEB 19 1995

07-15 11:3200 *R
+669.940E 06PM

07-15 11:3200 *R
+678.393E 06PM

07-15 11:3200 *R
+681.828E 06PM

0455.6 MMSEC
098.57 % T0

07-15 11:3300 *R
+002.00 % A12

07-15 11:3300 *R
+686.583E 06PM

OUTER DIAMETER
12.8354 IN

PIPE MATERIAL
? CS,SS

WALL THICKNESS
0.3358 IN

SOUND VELOCITY
1450 M/S-

SPACING
10.074 IN U

32-07122 7-15-94 PEM

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FEB 97 1997

32-07122

Polysonic Measurement
Total
32-7122

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FEB 8 7 1987

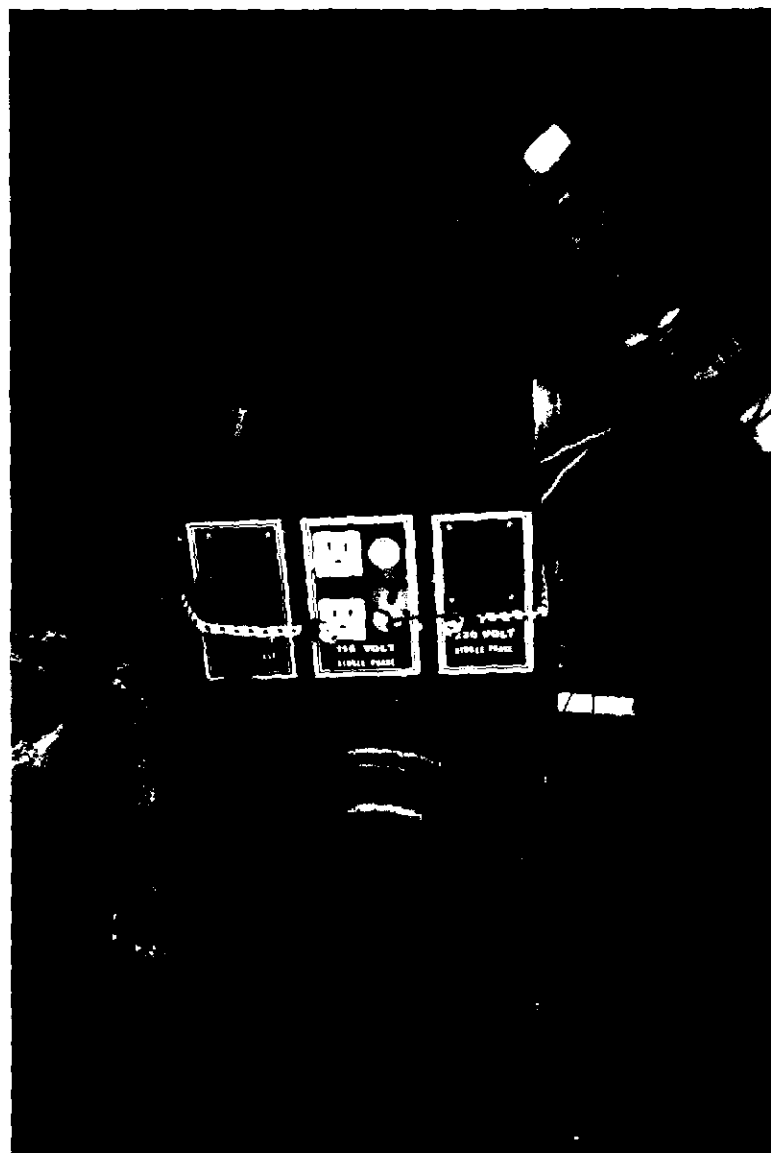


Fig. 6 - Close-up of generator operated by Pelton Wheel.

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FEB 8 7 1967

32-07122



Fig. 7 - Inside of powerhouse showing waterheater to four-season use of hydropower facility.

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FEB 8 7 1967

32-07122

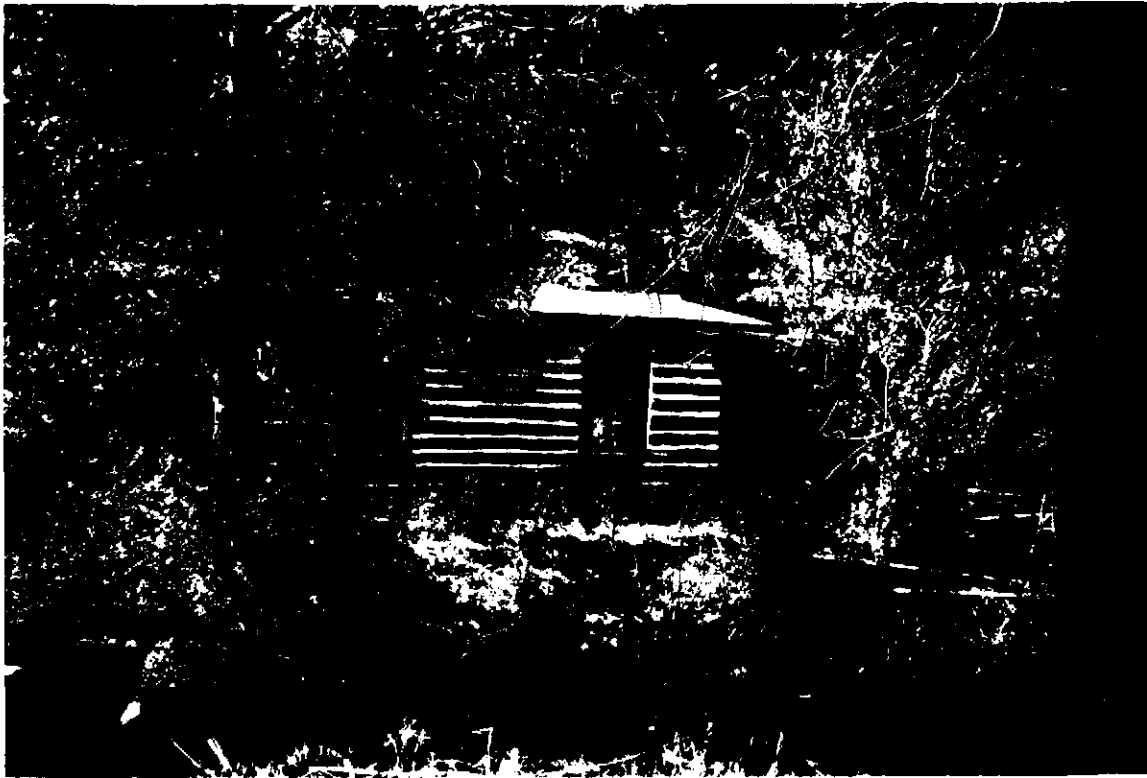


Fig. 8 - Cabin at place of use supplied by hydropower.



Fig. 9 - Shop building supplied by hydropower.

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32-07122

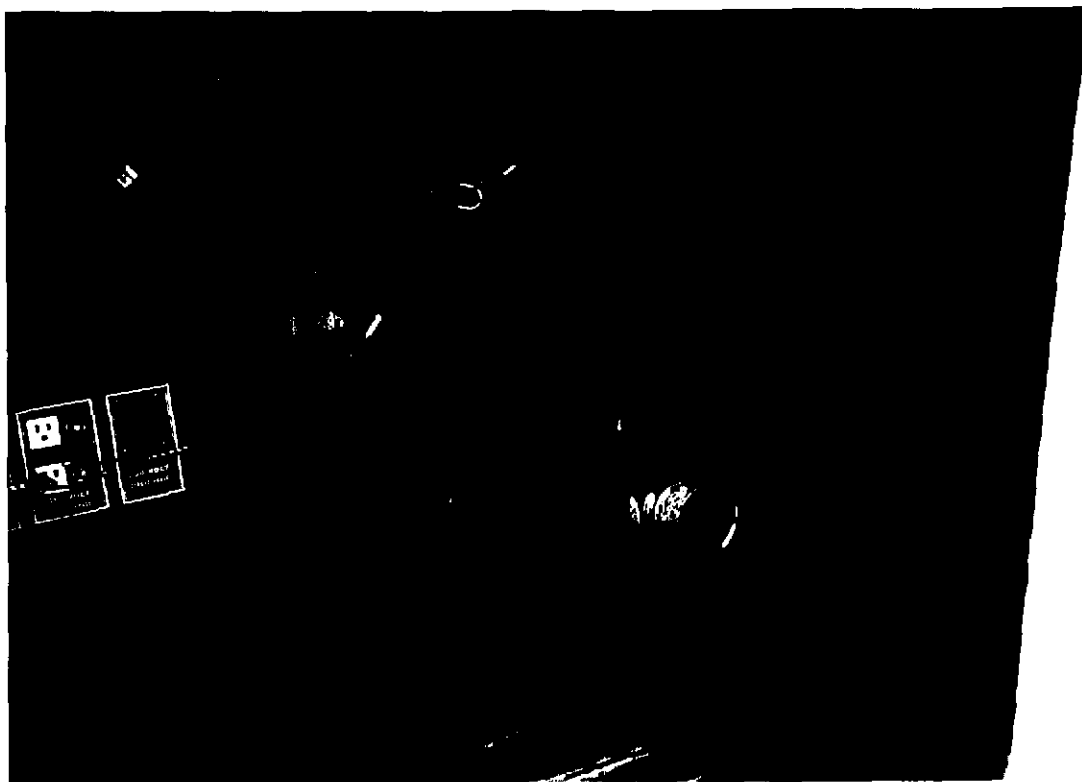


Fig. 4 - Second view of Pelton Wheel from door of powerhouse.

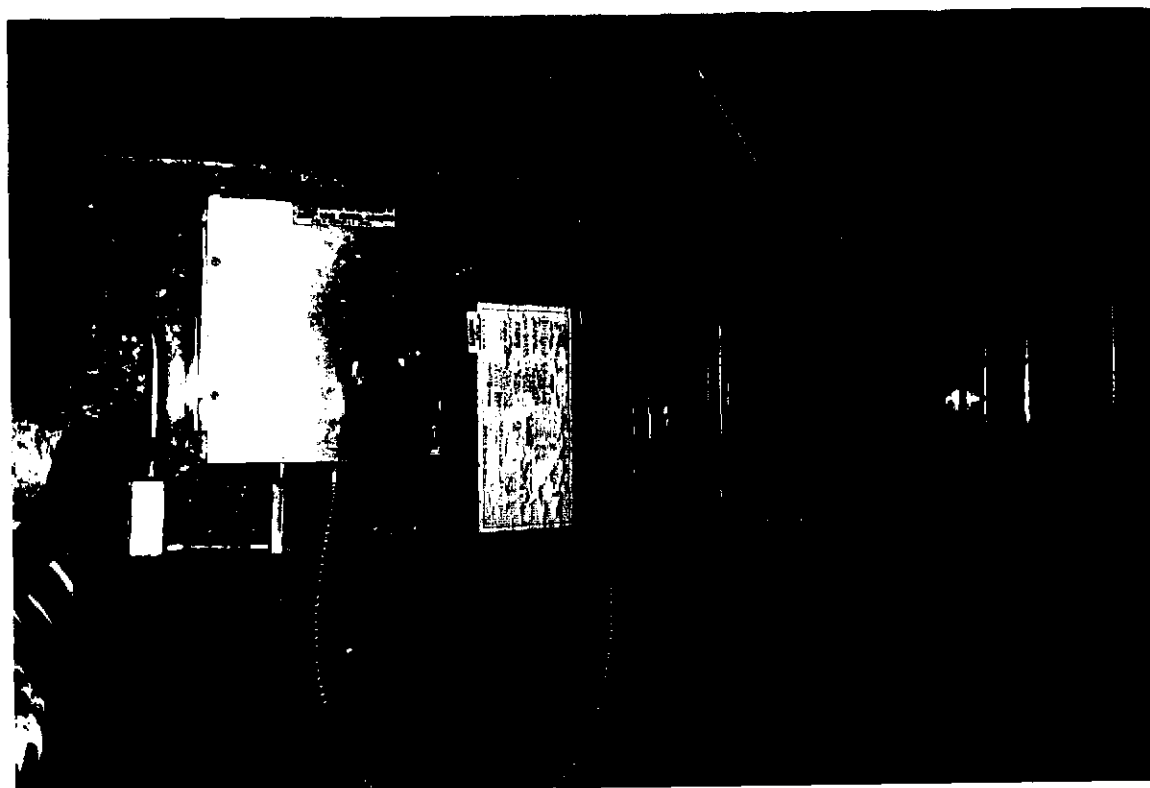


Fig. 5 - Control boxes for power supply inside powerhouse.

RECORDED
FEB 27 1957

32-07122



Fig. 2 - Fritz Creek looking upstream from diversion dam.



Fig. 3 - Inside of powerhouse showing Pelton Wheel
and drive assembly.

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FEB 27 1967

32-07122



Fig. 1 - Dam at point of diversion showing headbox for penstock and overflow/bypass into Fritz Creek.

Microfilm

NOV 17 1977

32-07122

50 SHEETS PER CASE 5 SQUARE
100 SHEETS PER CASE 10 SQUARE
200 SHEETS PER CASE 20 SQUARE
400 SHEETS PER CASE 40 SQUARE
800 SHEETS PER CASE 80 SQUARE
1600 SHEETS PER CASE 160 SQUARE
3200 SHEETS PER CASE 320 SQUARE
6400 SHEETS PER CASE 640 SQUARE
12800 SHEETS PER CASE 1280 SQUARE
25600 SHEETS PER CASE 2560 SQUARE
51200 SHEETS PER CASE 5120 SQUARE
102400 SHEETS PER CASE 10240 SQUARE
204800 SHEETS PER CASE 20480 SQUARE
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USA

POINT OF DIVERSION

REUSFOCK

PLACE OF USE

MEDICINE

LODGE

CATTLE

ASSN

KENNETH ROWLAND

EMARLOWE
MICHAEL
GOBLE

26
460

27
885

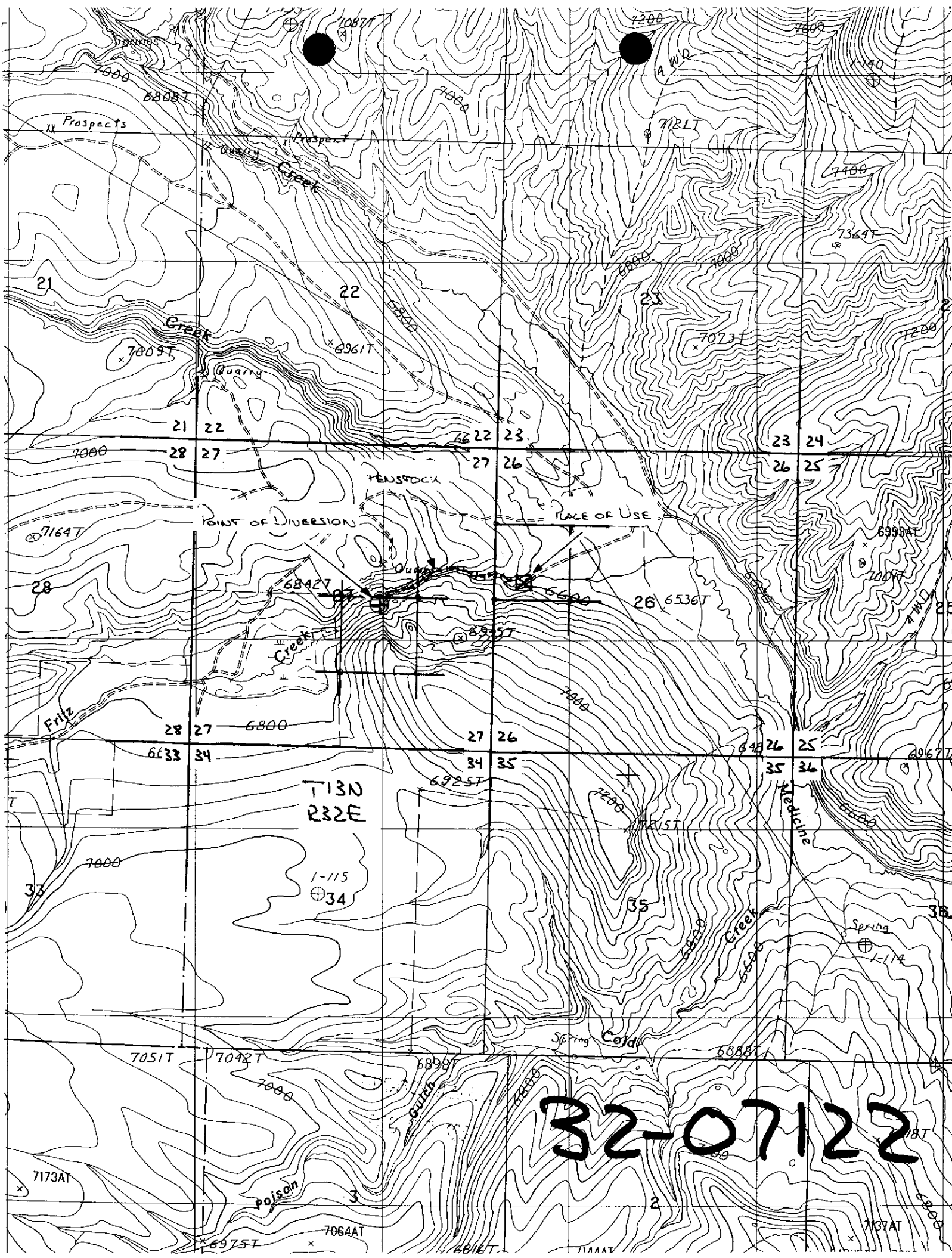
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123

T191

T13N
R32E

32-07122

32-07122



32-07122

September 13, 1989

Permit No. 32-7122

Kenneth E. Rowland
Star Rt.
Dubois, ID 83423

Dear Permit Holder:

We acknowledge receipt of your statement submitted as proof of beneficial use for the above referenced permit.

Before a license can be issued, a field examination must be made by a representative of this Department.

A field examiner will contact you to arrange to examine your system.

If you have any questions regarding the field examination, please contact this office by phone at 525-7161, or in person in the third floor State Office Building, 150 Shoup, Idaho Falls, Idaho.

Sincerely,

KEITH C. WILSON
Sr. Resource Agent

KCW:lk

MICROFILMED
FEB 07 1997

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 32-7122

Date: 8/11/89

General Considerations:

Y Name same as permit
Y Signature the same as permit holder
Y Address change _____ If yes, prepare a data entry
Y Proof received timely _____
Y Reinstated _____

Source of Water:

Y Surface water
Y Groundwater
____ 1. well log in file
____ 2. drilling permit
N/A A. amount of drilling fee paid for proposed uses

Extent of Use and Rate of Diversion:

Y Rate of diversion appropriate for uses
Y Is rate or volume and fee appropriate?
Y Has permit holder indicated when water was first put to a beneficial use?

Measuring Device:

Y Is a measuring device or access port required?
Y Has one been installed?
N/A Waiver or modification of measuring device requested

Remarks:

Proof Acceptable

Priority Calculation:

Date proof received	_____	_____
Date proof due	_____	-
No. of days late	_____	=
Priority date	_____	+
NEW PRIORITY DATE	_____	=

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

138252
May 31, 1989

KENNETH E. ROWLAND
STAR ROUTE
DUBOIS, ID 83423

PROOF DUE NOTICE

RE: PERMIT NO. 32-07122

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before August 1, 1989. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

SINCERELY,

Rita Fleck
Secretary/Records Manager

Enclosures

RECORDED

AUG 18 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
COMMENCEMENT OF WORKS

Permit No. 32-7122
Name(s) of Permit Holder(s): Kenneth E. Rowland
Post Office Address: Star Rock, Dubois
Tel. No. 374-5808

☒ I hereby certify that construction of diversion works for the above referenced permit began on Aug 1983 (date). I understand that I must continue to develop the water system with due diligence to maintain a valid permit.

☐ I hereby certify that construction of diverting works on the above referenced project has not yet begun due to the following reason beyond my control*:

*Note: A financing difficulty is not an acceptable reason.

8-13-84
Date

Kenneth E. Rowland
Signature of Permit Holder

PLACE
STAMP
HERE

MICROFILMED

AUG 18 1989



IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

June 24, 1987

Kenneth Rowland
Dubois, ID 83423

Dear Mr. Rowland:

Re: Permit No. 32-7122

Enclosed is a copy of the approved request for extension of time. The time within which to submit proof of beneficial use is extended to August 1, 1989.

Sincerely,

RITA I. FLECK
Secretary/Records Manager

Enclosure

MICROFILMED

JUL 02 1987

STAFF REVIEW SHEET - EXTENSION OF TIME

Permit No. 32-7122Reviewed by [Signature]Date 6-18-1987

BASIC INFORMATION

y Date stamp received
y Extension received timely
(not prior to 6 month before proof due date or after reinstatement period)
y Fee received and receipted
y Name and signature same as permit
y Address change (indicate on coding sheet)

BASIS FOR EXTENSION REQUEST

y Has adequate work been completed to demonstrate due diligence?
y Has the cost incurred been adequate to demonstrate an intent to complete the project?
No Has the permit been involved in litigation?
a. Swan Falls _____ Dismissed from Swan Falls _____
Other _____ Identify _____
b. Is supporting documentation needed to complete the file? _____
Requested _____
c. Calculate the period of delay

Date litigation completed _____

Date litigation began _____

Total period of delay = _____

Present proof due date + _____

NEW PROOF DUE DATE = _____

No Is delay by a government agency?
Is supporting documentation needed to complete the file? _____
Requested? _____

ACTION TAKEN

- *Recommend approval based on due diligence for 2 years.*

Special conditions or remarks:

[Signature] Reinstate Date extension received _____ = _____
Proof due date _____ = _____
No. of days late _____ = _____
Priority date _____ = + _____
ADJUSTED PRIORITY DATE _____ = _____

 Prepare coding sheet
 Change rolodex cardf

MICROFILMED

JUL 02 1987

● T A T E O F I D A H O ●

DEPARTMENT OF WATER RESOURCES

- - - - -

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
CERTIFIED MAIL
MAY 31, 1987

ROWLAND, KENNETH E.
STAR ROUTE
BURGIS, ID 83423

138528

PROOF DUE NOTICE

RE: PERMIT NO. 32-7122

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF THE ABOVE REFERENCED WATER PERMIT WAS THAT PROOF OF THE EXTENT OF YOUR BENEFICIAL USE MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE AUGUST 1, 1987. (SEE LAST PAGE OF YOUR APPROVED PERMIT OR YOUR LAST APPROVED EXTENSION REQUEST.) ENCLOSED IS A FORM WHICH WHEN ACCOMPANIED BY THE LICENSE EXAMINATION FEE OR A COMPLETED FIELD EXAMINATION REPORT PREPARED BY A CERTIFIED WATER RIGHT EXAMINER MAY BE USED TO SUBMIT THE REQUIRED PROOF.

IF YOU HAVE NOT FULLY COMPLETED YOUR PROJECT, AND YOU OR A PREVIOUS OWNER OF THIS PERMIT HAVE NOT RECEIVED A PRIOR EXTENSION OF TIME, YOU MAY REQUEST AN EXTENSION OF TIME IF THE DELAY IS FOR REASONABLE CAUSE AS PROVIDED IN SECTION 42-204, IDAHO CODE. IF YOU HAVE BEEN PREVENTED FROM PROCEEDING BY A GOVERNMENTAL AGENCY OR BY LITIGATION WHICH MIGHT BRING TITLE TO THE WATER IN QUESTION, MORE THAN ONE EXTENSION OF TIME CAN BE GRANTED. AN EXTENSION OF TIME REQUEST FORM IS ENCLOSED FOR YOUR CONVENIENCE.

EITHER AN ACCEPTABLE PROOF OF BENEFICIAL USE SUBMITTAL OR AN ACCEPTABLE REQUEST FOR AN EXTENSION OF TIME MUST BE RECEIVED BY THIS DEPARTMENT ON OR BEFORE THE ABOVE DESCRIBED PROOF DUE DATE. IF NEITHER IS RECEIVED, THE DEPARTMENT WILL SEND YOU A LAPSE NOTICE. WITHIN SIXTY (60) DAYS OF THE MAILING OF THE LAPSE NOTICE, THE PERMIT WILL NO LONGER BE OF ANY FORCE NOR EFFECT.

SINCERELY,

RITA FLECK
SECRETARY/RECORDS MANAGER

ENCLOSURES

MICROFILMED

JUL 02 1987



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS

Governor

A. KENNETH DUNN

Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

SEPTEMBER 1, 1985

DEAR PERMIT HOLDER:

ACCORDING TO OUR RECORDS, YOU ARE THE HOLDER OF A WATER PERMIT ON WHICH PROOF OF BENEFICIAL USE OF WATER WAS NOT SUBMITTED BEFORE JULY 1, 1985, WHICH INDICATES YOUR PROJECT IS NOT COMPLETE. THEREFORE, YOU NEED TO BE AWARE OF CHANGES IN IDAHO LAW, EFFECTIVE JULY 1, 1985, WHICH IMPACT ALL WATER PERMITS ISSUED BY THIS DEPARTMENT.

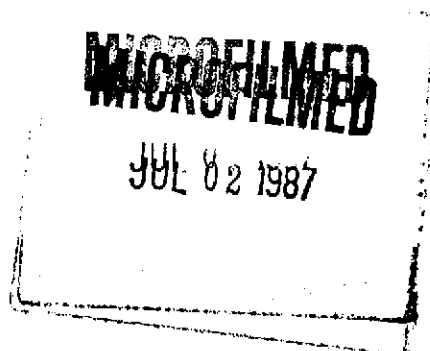
SPECIFICALLY, PURSUANT TO SECTION 42-203D, IDAHO CODE, THE DEPARTMENT MUST REVIEW ALL PERMITS FOR WHICH DEVELOPMENT OF WATER USE WAS NO COMPLETED ON OR BEFORE JULY 1, 1985, TO DETERMINE IF THEY MEET THE NEW REQUIREMENTS OF CHAPTER 2, TITLE 42, IDAHO CODE. RULES AND REGULATIONS GOVERNING THE RE-EVALUATION OF PERMITS ARE NOT YET FINALIZED. HOWEVER, IF YOU COMPLETED THE DEVELOPMENT UNDER YOUR PERMIT BEFORE JULY 1, 1985, YOU SHOULD SUBMIT A PROOF OF BENEFICIAL USE STATEMENT, STATING THAT THE PROJECT WAS COMPLETED BEFORE JULY 1, 1985 SO THAT YOUR PERMIT WILL NOT BE SUBJECT TO THE REVIEW REQUIREMENTS OF SECTION 42-203D, WHICH READS AS FOLLOWS:

42-203D. REVIEW OF PERMITS - OPPORTUNITY FOR HEARING. - (1)THE DEPARTMENT SHALL REVIEW ALL PERMITS ISSUED PRIOR TO THE EFFECTIVE DATE [JULY 1, 1985] OF THIS SECTION, EXCEPT TO THE EXTENT A PERMIT HAS BEEN PUT TO BENEFICIAL USE PRIOR TO JULY 1, 1985, TO DETERMINE WHETHER THEY COMPLY WITH THE PROVISIONS OF CHAPTER 2, TITLE 42, IDAHO CODE. IF THE DEPARTMENT FINDS THAT THE PROPOSED USE DOES NOT SATISFY THE CRITERIA OF CHAPTER 2, TITLE 42, IDAHO CODE, THEN THE DEPARTMENT SHALL EITHER CANCEL THE PERMIT OR IMPOSE THE CONDITIONS REQUIRED TO BRING THE PERMIT INTO COMPLIANCE WITH CHAPTER 2, TITLE 42, IDAHO CODE. IF THE DEPARTMENT FINDS THAT THE PERMIT SATISFIES THE CRITERIA ESTABLISHED IN CHAPTER 2, TITLE 42, IDAHO CODE, THEN THE DEPARTMENT SHALL ENTER AN ORDER CONTINUING THE PERMIT. (2)THE DEPARTMENT SHALL PROVIDE AN OPPORTUNITY FOR HEARING IN ACCORDANCE WITH SECTION 42-1701A, IDAHO CODE, AND SECTIONS 67-5209 THROUGH 67-5215, IDAHO CODE, FOR EACH HOLDER OF A PERMIT THAT IS PROPOSED EITHER TO BE CANCELLED OR MADE SUBJECT TO NEW CONDITIONS.

YOU MAY OBTAIN PROOF OF BENEFICIAL USE FORMS FROM THE DEPARTMENT. IF YOU HAVE ANY QUESTIONS, PLEASE LET US KNOW.

SINCERELY,

L. GLEN SAXTON
CHIEF, OPERATIONS BUREAU



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440

ROWLAND, KENNETH E.
STAR ROUTE
DUBOIS, ID 83423

SEPTEMBER 02, 1982

RE: PERMIT NO. 32-7122

DEAR PERMIT HOLDER:

ENCLOSED IS A COPY OF YOUR APPROVED APPLICATION FOR PERMIT. WE DIRECT YOUR ATTENTION TO THE CONDITIONS OF APPROVAL ON THE FOURTH PAGE.

THE 1982 IDAHO LEGISLATURE ADDED A REQUIREMENT THAT THE EXCAVATION OR CONSTRUCTION OF DIVERTING WORKS MUST BE STARTED WITHIN ONE YEAR OF THE DATE THE PERMIT WAS ISSUED. THE PROJECT MUST THEN BE DILIGENTLY CONSTRUCTED UNTIL COMPLETED. TO MAINTAIN THE PERMIT IN A VALID STATUS YOU MUST COMPLETE AND RETURN THE ENCLOSED POSTCARD WHEN CONSTRUCTION IS COMMENCED, NO LATER THAN ONE YEAR FROM THE DATE OF APPROVAL OF THE PERMIT.

BE SURE TO NOTE THE SPECIAL CONDITION REQUIRING YOU TO INSTALL A MEASURING DEVICE, OR AN ACCESS PORT TO PROVIDE FOR THE INSTALLATION OF MEASURING EQUIPMENT BY THE DEPARTMENT. ENCLOSED PLEASE FIND A LIST OF MEASURING DEVICE OPTIONS, AND SPECIFICATIONS FOR THE INSTALLATION OF THE ACCESS PORT.

PLEASE BE ADVISED THAT PRIOR APPLICATIONS FOR PERMIT HAVE BEEN FILED TO APPROPRIATE WATER FROM YOUR SOURCE WHICH MAY IMPACT THE AVAILABILITY OF WATER TO BE USED UNDER THIS PERMIT. THEREFORE, YOU SHOULD BE SURE TO ANALYZE THE IMPACT OF THESE RIGHTS BEFORE MAKING A MAJOR INVESTMENT FOR YOUR WATER USE PROJECT.

RE: PERMIT 32-7122

PAGE 01
SEPTEMBER 02, 1982

WE HAVE ENCLOSED A FORM ENTITLED "MAKING PROOF OF BENEFICIAL USE". PLEASE READ THE INSTRUCTIONS CAREFULLY SINCE YOU MUST TAKE FURTHER ACTION TO DEVELOP THIS PERMIT INTO A LICENSE.

SINCERELY,

DAVID R. TUTHILL, JR., P.E.
SUPERVISOR, WATER ALLOCATION SECTION

ENCLOSURE

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: KC Wilson APPLICATION NUMBER: 32 7122

CHECK:

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Quantity of water and period of use.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.
☒ Yes ☒ No Field check required.
☒ Yes ☒ No Critical groundwater area.
☒ Yes ☒ No Request dam safety information. Sent by: _____ Date: _____
☒ Yes ☒ No* In form to receipt.

Field check by: _____

Date: _____

Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

- ☐ Idaho State Health Department.
☒ Idaho Fish and Game Department.
☐ Idaho Department of Lands.
☐ U.S. Bureau of Land Management.
☐ U.S. Forest Service.
☒ Other WD 32-C

Copies sent by: _____

Date: _____

PROCESSING:

- ☐ Yes ☒ No
☐ Yes ☒ No

Platted by: _____ Map No. _____

Other rights on same place of use. _____

- ☒ Yes ☐ No*

In form for advertising.

Final date for protests: June 28, 1982

Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 7-8-82
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application.
☒ Publication dates and paper, recorded on application.
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.

- ☒ Yes ☐ No

Measuring device required.

- ☐ Yes ☒ No

Access port required.

- ☒ Yes ☐ No

Will water be delivered by watermaster? If yes, what district? 32-C

5-26-1982

Date of priority recommended.

Special conditions of approval or cover letter. _____

STATE OFFICE REVIEW:

By: Ernest Carlson

Date: Aug 12, 1982

SW/42, 103, 11

OK OBA, 17, 25, 05 (32-C)

- ☒ See attached sheet for more information.

By: _____

Date: 8/19/82

RECEIVED

AUG 17 1982

Department of Water Resources

Overlap Review for 32-7122

License 32-2053 2.2 cfs Irrigation

License 32-2137 2.26 cfs Irrigation

License 32-2055 2.4 cfs Irrigation & Domestic

Recommend # 214 (or cover letter)

RC 8/24
82

This paragraph warns of existing water rights on a source. OK

10/1/01

POWER CALCULATIONS FOR APPLICATION NO. 32-7122

P = Kilowatts .74 X hp (54)

Q = cfs

H = feet

e = efficiency

proposed

39.96 KW

6.0 cfs

100 ft

$$e = \frac{P(11.8)}{QH} = \frac{39.96(11.8)}{6 \times 100} = \frac{471.528}{600} = .785$$

Based on the above calculations the proposed project must have an 79 % efficiency.

RC 8/19/82

Approved based on item
BA(5) - will not be
selling power

MICROFILMED

August 9, 1982

RE: Application for Permit No. 32-7122 ROWLAND
No. 22-7400, 22-7401 & 22-7402 PARK

Mr. Tom Reinecker
Regional Supervisor
Department of Fish & Game
1515 Lincoln Road
Idaho Falls, Idaho 83401

Dear Mr. Reinecker:

On July 2, 1982, the Department received your letter on behalf of Idaho Department of Fish and Game. The letters will be placed in the files for the above referenced applications. However, the Idaho Fish and Game Department can not be recognized as a protestant because the letter arrived in our office after the protest period had expired.

If your department desires an opportunity to express its concern regarding the applications, it may petition through the Director of the Department of Water Resources for leave to intervene in the pleadings. For your convenience, enclosed is a copy of rule 6 from the State of Idaho Practice and Procedure explaining the process of becoming an intervenor.

If you have any questions regarding the above applications, feel free to contact this office.

Respectfully submitted,

ERNEST CARLSEN
Assistant Regional Supervisor

EC:cw

Enclosure

cc: IDWR - State Office



IDAHO DEPARTMENT OF FISH AND GAME
REGION 6
1515 Lincoln Road
Idaho Falls • Idaho • 83401

RECEIVED

JUL 2 1982

Department of Water Resources
Eastern District Office

July 1, 1982

Mr. Ernest Carlsen
Assistant Regional Supervisor
Department of Water Resources
150 Shoup Avenue
Idaho Falls, Idaho 83401

Re: Appl. No. 32-7122
K. E. Rowland

Dear Ernie:

We have reviewed the application for a non-consumptive water right on Fritz Creek for hydro power generation. Our field evaluation in the last month shows a significant wild rainbow trout population present in the area of diversion, as well as above and below the site. Fritz Creek may provide significant recruitment to the Medicine Lodge Creek fishery. Because of this, we would require screening of intakes and adequate flows to provide downstream fish passage (see Idaho Code 36-906).

We feel that Mr. Rowland's present proposal for 6 cfs will effectively dewater and eliminate downstream movement. Until we have more information concerning flows on Fritz Creek we would like to protest this application until the minimum flow questions can be resolved.

Thank you for the opportunity to review and comment on this application.

Sincerely,

Tom Reinecker
Regional Supervisor
Region 6

STAFF SHEET FOR POWER GENERATION

INITIAL REVIEW BY _____

APPLICATION NO. _____

DATE REQUESTED

IN FILE

8/11/82

Form 205/206

N/A

Financial statement if
operating capacity is more than
500 HP
0.37 MW
373 KW

see for
8.a.(5)

Statement declaring what the
applicant proposes to do with
the generated power.
(NOT MANDATORY)

✓

Efficiency is between 85% and 60%

P = kilowatts .74 x hp 40 = 29.6.

Q = c.f.s.

H = feet

e = efficiency

$$e = \frac{P (11.8)}{QH} = \frac{(29.6) (11.8)}{(6) (100)} = \frac{349.28}{600} = .582 \text{ or } 58.2\%$$

June 9, 1982

RE: Application for Permit NO. 32-7122 ROWLAND

Mr. Don Shenton, Watermaster
Water District No. 32-C
Dubois, Idaho 83423

Dear Don:

We are enclosing a copy of an application that may be of interest to your water district. Please review the application and submit any comments you may have to our Department as soon as possible. The last date of protest is June 28, 1982, and we are required to take final action shortly thereafter.

If we may be of further assistance, please feel free to contact us.

Respectfully submitted,

ERNEST CARLSEN
Assistant Regional Supervisor

EC:cw

Enclosure

June 9, 1982

RE: Application for Permit No. 22-7400 PARK
22-7401 "
22-7402 "
32-7122 ROWLAND
75-7298 BIRD

Mr. Tom Reinecker
Regional Supervisor
Department of Fish & Game
1515 Lincoln Road
Idaho Falls, ID 83401

Dear Tom:

We are enclosing a copy of an application that may be of interest to your agency. Please review the application and submit any comments you may have to our Department as soon as possible. The last date of protest is June 28, 1982, and we are required to take final action shortly thereafter.

If we may be of further assistance, please feel free to contact us.

Respectfully submitted,

ERNEST CARLSEN
Assistant Regional Supervisor

EC:cw

Enclosure (5)

32-7122

ROWLAND, KENNETH E.

STAR ROUTE, DUBOIS, ID 83423

Source: FRITZ CREEK tributary to MEDICINE LODGE CREEK

Date Filed: 05/26/1982

Amount: 6.00 CFS

Diversion Point: NESE Sec 27 T 13N R 32E, CLARK Co.

Use: POWER (6.00 CFS) from 01/01 to 12/31

Place of Use: SWNW Sec 26 T 13N R 32E

Diversion Means: HEADGATE, PIPE & WHEEL