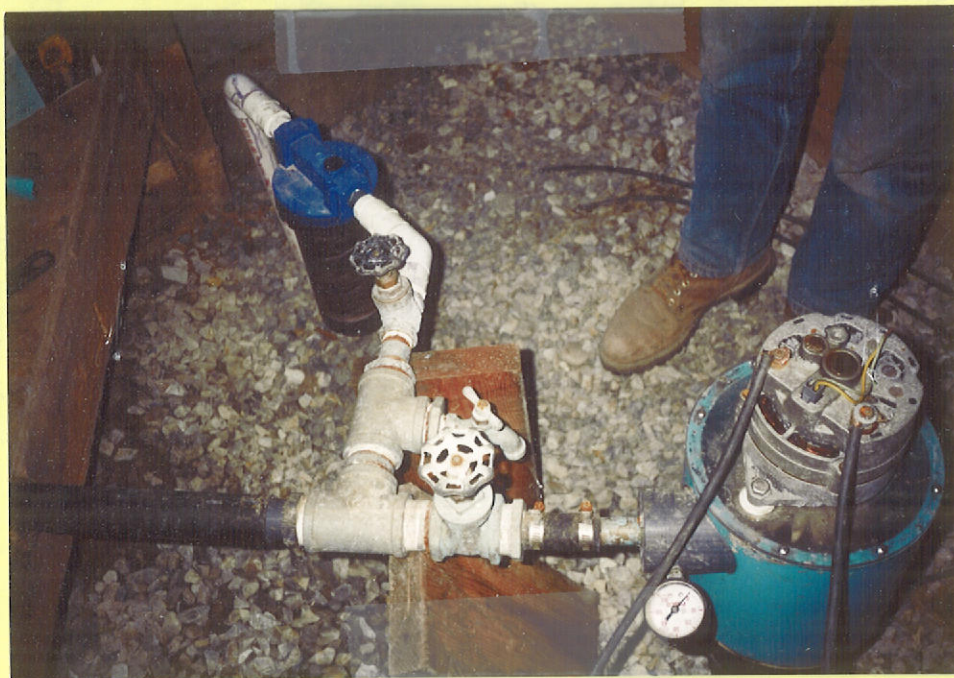


THE UNITED STATES GEOLOGICAL SURVEY
USGS, NOS/NOAA
AERIAL PHOTOGRAPHS TAKEN 1986
1987 1989
MAP EDITED TRANSVERSE MERCATOR
GEOGRAPHIC COORDINATES

NORTH



MICP

JAN 10 1997

96-08445

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 96-08445

Priority: September 30, 1985

Maximum Diversion Rate:

0.07 CFS

Maximum Diversion Volume:

22.9 AF

This is to certify, that RON GARMAN
JOSIE MERITHEW

9638 RAPID LIGHTNING RD
SANDPOINT ID 83864

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated September 30, 1985; and has submitted Proof of Beneficial Use on October 10, 1990. An examination indicates that the works have a diversion capacity of 0.070 cfs of water from:

SPRING
TRAPPER CREEK

tributary to RAPID LIGHTNING CREEK
tributary to RAPID LIGHTNING 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	0.03 CFS	21.7 AF
DOMESTIC	01/01 to 12/31	0.04 CFS	1.2 AF
	Totals	0.07 CFS	22.9 AF

LOCATION OF POINT(S) OF DIVERSION:

NWNENE, Sec. 7, Township 58N, Range 02E
BONNER County

PLACE OF USE: POWER

TWN RGE SEC

58N 02E 7

NENE

PLACE OF USE:

DOMESTIC, same as POWER use

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.

MICROFILMED

JAN 10 1997

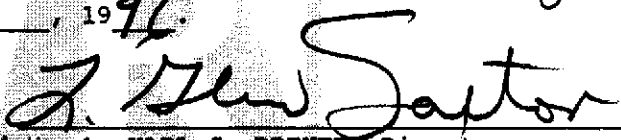
State of Idaho
Department of Water Resources**WATER RIGHT LICENSE**

WATER RIGHT NO. 96-08445

CONDITIONS OF APPROVAL AND REMARKS

5. This right does not constitute Idaho Public Utilities Commission or Federal Energy Regulatory Commission approval that may be required.
6. Water used under this right when discharged into a natural channel or subsurface system shall meet Idaho Water Quality Standards.
7. The water right confirmed in this license for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this license and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this license.
8. The diversion and use of water under this license is subject to review by the Director on or after October 1, 2000. 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.
9. Domestic use is for 1 home.

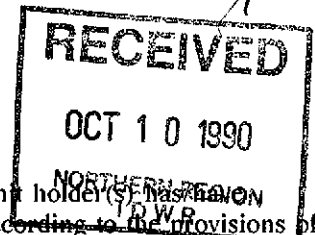
This license is issued pursuant to the provisions of Section 42-219, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this 8th
day of November, 1996.


Acting for KARL J. DREHER, Director

MICROFILMED

JAN 10 1997

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
PROOF OF BENEFICIAL USE



The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has/have 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. 96-08445 Telephone No. 263-5975
Name(s) of Permit Holder(s): Ron Garmen / Josie Merithew
Post Office Address: 9638 Rapid Lightning Rd. Sandpoint, Idaho 83864
Source of Water: Spring / Creek
If ground water, well driller's name: _____ Date drilled: _____
Extent of Use:
Domestic 1 (No. of households) Irrigation 1/2 (No. of acres)
Stockwater _____ (No. and type of stock) Other Power

Total rate and/or volume for which proof is submitted .20 cfs 1.2 acre/feet

Show date water was first diverted and beneficially used under this permit: July 1985

One of the following may be a condition of approval of your permit:

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

OR

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

Fee Enclosed: \$ 50.00 (See License Examination Fee Schedule)

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

Name Same Telephone No. _____

Address _____

MICROFILMED

The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

Date 10/5/90 Signature (and title if on behalf of a company or organization) Josie Merithew / Ron Garmen

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 96-8445

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant RON GARMAN OR JOSIE MERITHEM Phone _____
Post office address 9638 RAPID LIGHTNING RD SANDPOINT ID. 83864
SPRING #1 &
2. Source of water supply # TRAPPER CREEK which is a tributary of RAPID LIGHTNING
2 POINTS
3. Location of point of diversion is N $\frac{1}{2}$ W $\frac{1}{2}$ ~~N~~ of NE $\frac{1}{4}$ of NE $\frac{1}{4}$, Govt. Lot _____
Sec. 7 Township 58N Range 2E B.M. BONNER County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount 0.04 for DOMESTIC purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount 0.16 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)
5. Total quantity to be appropriated is (a) 0.20 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc. DEVELOPED SPRING WITH
GRAVITY FLOW
PELTON WHEEL & PIPE TO HOME. PIPE IN-STREAM W/GRAVITY
FLOW TO RAM PUMP & PELTON WHEEL
 - b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage:
_____ to _____ inclusive.
 - c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
 - d. Is ground water with a temperature of greater than 90°F being sought? _____
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).

MICROFILMED

MICROFILMED

8. Description of proposed uses (if irrigation only, go to item 9):

- a. Hydropower; show total feet of head and proposed capacity in KW. 25' & 0.36 KW
- b. Stockwatering; list number and kind of livestock. _____
- c. Municipal; show name of municipality. _____
- d. Domestic; show number of households. 1
- e. Other; describe fully. _____

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: *D* for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
<u>58N</u>	<u>26</u>	<u>7</u>	<u>D</u> <u>P</u>																

Total number of acres to be irrigated _____

10. Describe any other water rights used for the same purposes as described above. NONE11. a. Who owns the property at the point of diversion? APPLICANTb. Who owns the land to be irrigated or place of use? APPLICANT

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. _____

12. Remarks: _____

SEC 7
T58N R26

X5 PP 2 PU

MICROFILMED

Paul Herman
(Applicant)

MICROFILMED

Proposed Priority 9/30/85
Received by E Date 9/30/85 Time 11:30 AM Preliminary check by KK
Fee \$ 30⁰⁰ Receipted by [signature] # 31883 Date 9/30/85
Publication prepared by [signature] Date 10/3/85 Published in Sept. Sec 10/4 +
Publication approved [signature] Date 11/6/85

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. 96-8445, 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
December 1, 1990.

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. The water right acquired under this permit if for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit.

e. Other: SEE ATTACHED SHEET FOR CONDITIONS d thru i.

Witness my hand this 17th day of December 1985.

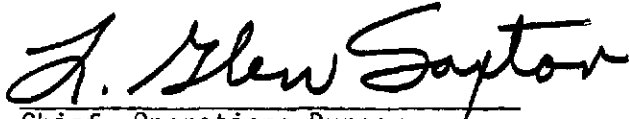
[Signature]
Chief, Operations Bureau

ATTACHMENT TO CONDITIONS OF APPROVAL

For Permit No. 96-8445

- d. The Director retains jurisdiction of this permit in order to limit the use of water for hydropower generation purposes to a specific term of years as required by Section 42-203B(7), Idaho Code.
- e. The water right acquired under this permit for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit.
- f. This permit does not constitute Idaho Public Utilities Commission or Federal Energy Regulatory Commission approval that may be required.
- g. Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which permit holder had no control.
- h. 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.
- i. Water used under this permit if discharged into a natural channel or subsurface system shall meet Idaho Water Quality Standards.

Witness my hand this 17th day of December, 1985.


Chief, Operations Bureau

MICROFILMED

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, Ron Garman &/or Josie Merithew of Sandpoint,
(name) (city)

county of Bonner, 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 Kootenai) ss.

Ron Garman Josie Merithew
Applicant

On this 30th day of September, 1985, personally
appeared before me the signer(s) of the above instrument, who duly acknowledged
to me that ~~XXXXXXX~~ (they) executed the same.

Patricia A. [Signature]
Notary Public residing at
Rathdrum, Idaho

seal

My commission expires:

Life

MICROFILMED

AFFIDAVIT OF PUBLICATION

State of Idaho

ss.

County of Bonner,

Pete Thompson being first duly sworn on oath deposes and says that he is publisher of the Sandpoint Daily Bee, a newspaper printed and published at Sandpoint, in Bonner County, Idaho; that the said newspaper has been continuously and uninterruptedly published in said Bonner County during a period of 12 months prior to the first publication of the hereto attached notice of publication in the case of Legal notices

as it was published in the regular and entire issue of the said paper for a period of 2 consecutive weeks, commencing on 4 day of Oct, 1985 and ending on the 16 day of Oct, 1985 and that said notice was published in said newspaper.

Pete Thompson
By Judd Crabb 5 day
Subscribed and sworn to before me this 5 day
of Nov, 1985.

Linda A. Morrow
Notary Public for Idaho

Residing at Sandpoint, Idaho

NOTICE OF APPLICATION
FOR WATER RIGHT

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

96-8444

HEISEL, MARK
P.O. BOX 233, HOPE, ID 83836
Source: SPRINGS trib. to PEND OREILLE LAKE; UNNAMED STREAM trib. to PEND OREILLE LAKE
Date Filed: 10/01/1985
Diversion Pt: NWNW Sec 08 T 56N R 02E
Use: IRRIGATION (0.01 CFS)
STOCKWATER (0.01 CFS)
DOMESTIC (0.02 CFS)
In NWNW Sec 08 T 56N R 02E FOR 1 ACRES

96-8445

GARMAN, RON
MERITHEW, JOSIE
9638 RAPID LIGHTNING RD., SANDPOINT, ID 83864
Source: SPRING trib. to RAPID LIGHTNING CREEK; TRAPPER CREEK trib. to RAPID LIGHTNING CREEK
Date Filed: 09/30/1985
Diversion Pt: NENE Sec 07 T 58N R 02E
Use: POWER (0.16 CFS)
DOMESTIC (0.04 CFS)
In: NENE Sec 07 T 58N R 02E

96-8446

GREENS ADDITION INC.
P.O. BOX 505, CLARK FORK, ID 83811
Source: GROUNDWATER
Date Filed: 09/27/1985
Diversion Pt: SWSE Sec 01 T 56N R 01E
Use: DOMESTIC (0.10 CFS)
In: SWSE Sec 01 T 56N R 01E
The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, 4055 Gov't. Way, Coeur d'Alene, Id. 83814 on or before OCTOBER 28, 1985.

KEN DUNN, Dir.

#397 October 9, 1985

RECEIVED
OCT 10 1985

Department of Water Resources
Northern District Office

MICROFILMED



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

November 12, 1996

RON GARMAN
JOSIE MERITHEW
9638 RAPID LIGHTNING RD
SANDPOINT ID 83864

RE: WATER RIGHT NO. 96-08445

Dear Water Right Holder(s):

Enclosed is a copy of the Water Right License issued on the above referenced permit. If you have any questions, please contact me within 10 days of receipt of this license.

Sincerely,

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

Shelley W. Keen
Water Rights Supervisor

SK:ph

Enclosure

MICROFILMED

JAN 10 1997

MEMORANDUM

TO: File 96-08445

FROM: Sharla

DATE: October 6, 1996

RE: Recommendation Adjustment(s)

The final license recommendations for Right 96-08445 are based on the following:

H. RECOMMENDATIONS

1. Recommended Amounts

Power	1/1 - 12/31	0.03 cfs	21.7 afa
Domestic	1/1 - 12/31	0.04 cfs	1.2
	TOTAL	0.07 cfs	22.9 afa

Although power use is non-consumptive, an annual volume is assigned and the volume is based on continuous diversion as indicated by the examiner prior to her striking through the calculation on page 3 of the exam report.

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 in October, 1990, the term will be listed as expiring October 1, 2000.

Examiner: Theresa Bright
Exam Date: September 12, 1990

MIOPCFILMED

JAN 10 1997

LICENSE REVIEW CHECKLIST

PERMIT NO. 96-08445

DATE 6/11/96

REVIEWER: S H A R L A

NAME Change OK

Address Change NO

SOURCE Change ✓

Is change clarification of originally intended source? ✓

If not, prepare Notice of Intent to Void ✓

POINT OF DIV Change ✓

Amendment required NO

PLACE OF USE Change ✓

Amendment required NO

OVERLAPS N/A P/D P/U

RATE OF DIV

Permitted Rate 0.20 cfs
Fee limit 0.20 cfs \$50.00

Measured ✓ cfs NO MEASUREMENT MADE

Theoretical .07 cfs 1" pipe @ 5fps = .25 cfs

Recommended Total Div Rate .07 cfs

ANNUAL VOLUME/ NATURE OF USES

Use	Volume Calculation
<u>Power</u>	<u>21.7</u> af
<u>Dom</u>	<u>1.2</u> af
SUBTOTAL	<u>22.9</u> af

Flow rate .07 cfs X 365 days X 1.98 = 50.6 af

Total volume recommended 22.9 af
(SUBTOTAL or Flow Rate, whichever is less)

REMARKS

term 10/1/2000
D/Thome

CONDITIONS Watermaster Control WD#

GW Measurement/Measuring Device

Overlap

Use-specific conditions 025, 09E, 223

SRBA Claim Filed N/A
Adjustment Memo

1st Amend Letter N/A
2nd Amend Letter N/A

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
JUN 28 1991

Department of Water Resources

A. GENERAL INFORMATION

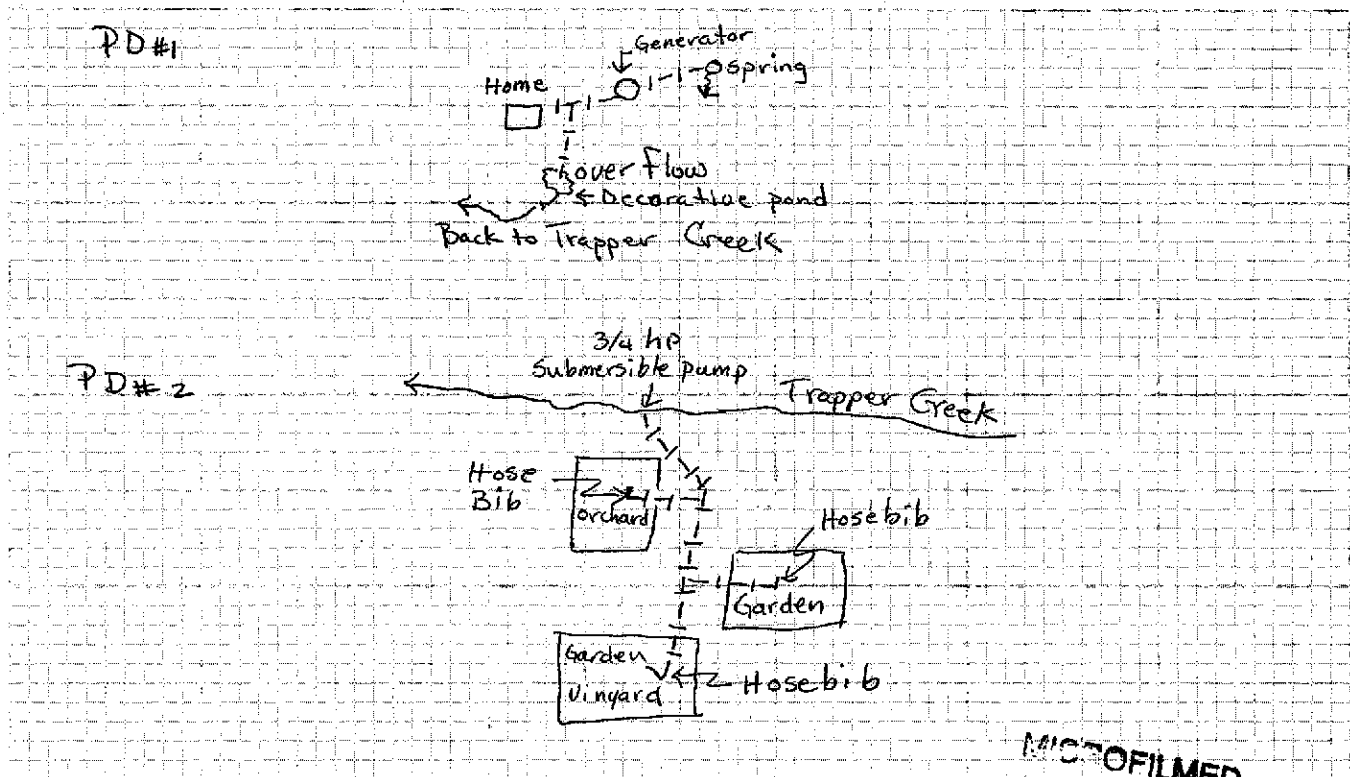
1. Owner: Ron Garman or Josie Merithew Permit No. 96-08445
Current Address: 9638 Rapid Lightning RD Sandpoint ID 83864 Phone No. None 263 5975
2. Accompanied by: Ron Garman EXAM. DATE: 9/12/90
Address: SAME Phone No. _____
Relationship to Permit Holder: _____
3. Source: Spring & Trapper Creek tributary to Rapid Lightning Creek

B. OVERLAP REVIEW

1. Other water rights with same place of use: None ☐ Copies Attached
2. Other water rights with same point of diversion: None ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = NTS

MICROFILMED

JAN 10 1997

2. ☒ Copy of U.S.G.S. 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 or more).
☒ Photo of Diversion and System Attached (required for all but single household domestic groundwater, and stockwater).

System Description (continued)

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

System from PD#1: Spring water is gravity fed through 1 inch pipe to power generator then gravity fed to home through 1 1/4" line. There is also a 2" over flow which trickles into a decorative pond 8'x5'x2' and then on to the creek. Nylon Generator is 5/16" System from PD#2 3/4 hp submersible pump in trapper creek pumps water through 1 1/2 line to 3 hose bibs where vinyl hose and 5/32" lawn sprinklers are attached to irrigate orchard, garden & vineyard totaling 1/2 acre.

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Submersible		3/4			

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		NW	NE	NE	7	58N	2E	Bonner	Map Two Points ADK

6. Place(s) of Use:

Indicate Method of Determination Map

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
58N	2E	7	P																

MICROFILMED

Do not use this space

JAN 10 1997

Do not use this space

D. FLOW MEASUREMENTS *None* ☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

~~225~~

Pressure gage on Power generator at 22.5 psi while in operation

E. FLOW CALCULATIONS ☒ Additional Computation Sheets Attached

1. Measured Method:

See

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3)

: Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____

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

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

2. Volume Calculations for Other Uses:

~~Power 0.03 cfs x 365 x 1.9835 = 21.7 af~~ Power is Non Consumptive.
home 1.2 af

MICROFILMED

JAN 10 1997

H. REMARKS AND OVERLAP REVIEW ANALYSIS

Point of Return flow (P.R.) is in NENE Sec 7,
T58N, R2E.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic	1-1	12-31	0.04 cfs	1.2 afa
Power	1-1	12-31	0.03 cfs	~~2.0~~
Totals:			0.07 cfs	1.2 afa

2. Recommended Amendments

- ☐ Change P.D. as reflected above ☐ Add P.D. as reflected above
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above

☒ None

J. AUTHENTICATION

Field Examiner's Name

Theresa J. Bright

Signature

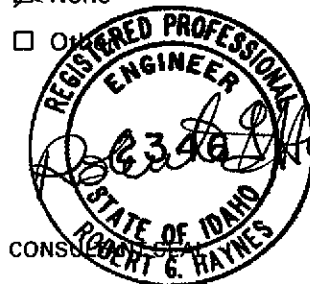
Theresa J. Bright

Certification Date

4/16/90

Field Report Preparation Date

10/11/90



K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

MICROFILMED
JAN 10 1997

For Domestic: 1 home $\approx$ 0.04 cfs

$$\text{For irrigation: } \frac{(3/4)(8.8)(70\%)}{(2.31)(45) + 50} = \frac{4.62}{153.95} = 0.03 \text{ cfs}$$

For Power:

$$Q = VA \quad V = (2.31 \text{ feet/sec/psi})(X \text{ psi}) \quad A = \left(\frac{(\text{Nozel size}) \left(\frac{1 \text{ ft}}{12 \text{ in}} \right)}{2} \right)^2 \pi$$

$$V = (2.31)(22.5 \text{ psi}) = 51.96 \text{ feet/sec}$$

$$A = \left(\frac{(\frac{5}{16})(\frac{1}{12})}{2} \right)^2 \pi = \left(\frac{0.026 \text{ cf}}{2} \right)^2 (3.14) =$$

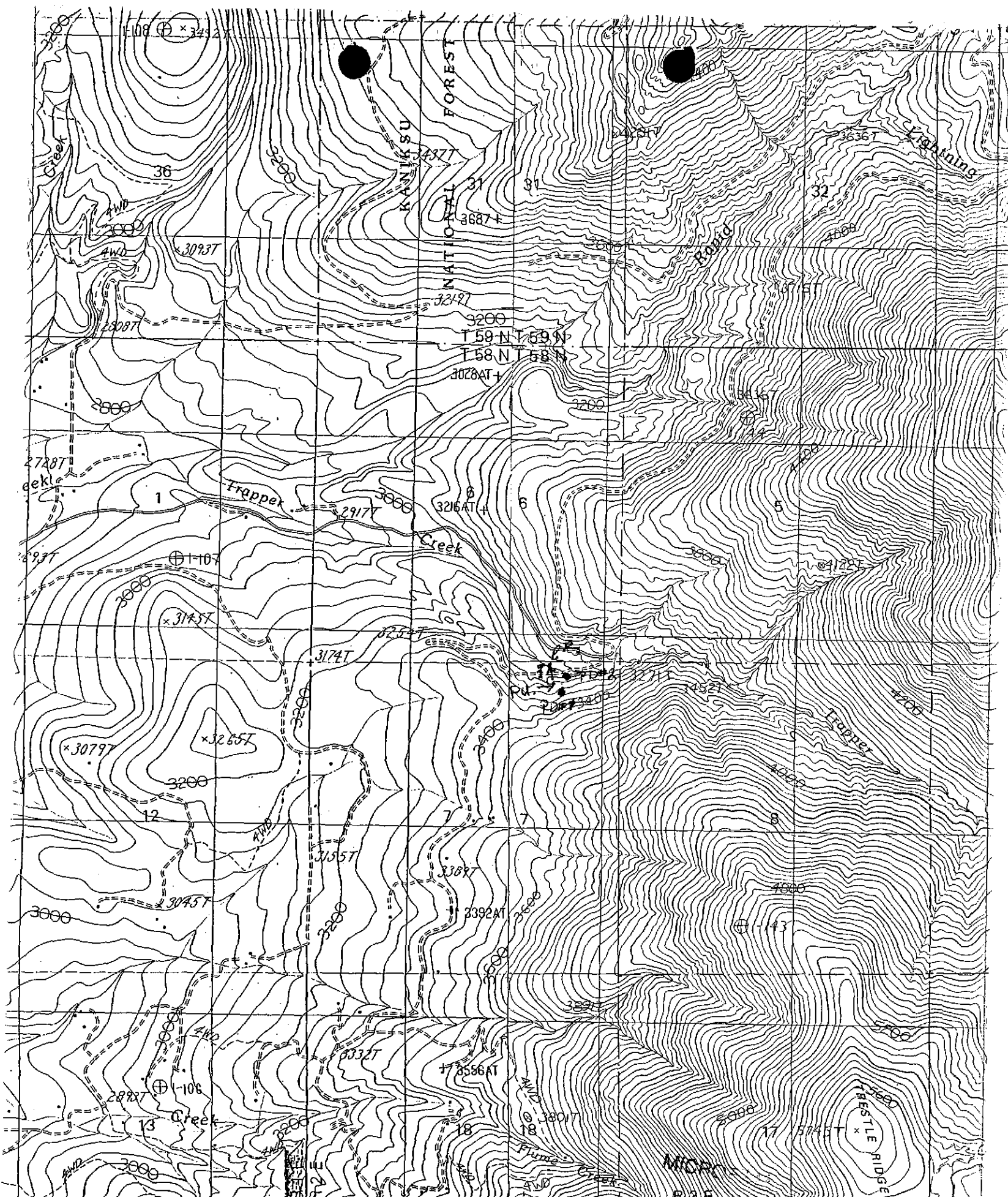
$$(0.013)^2 (3.14) = (0.000169)(3.14) = 0.0005307 \text{ sq feet}$$

$$Q = VA = (51.96 \text{ ft/sec})(0.0005307 \text{ sq ft}) = \underline{\underline{0.028 \text{ cfs}}}$$

$$Q = 0.028 \text{ cfs or } 0.03 \text{ cfs}$$

for comparison a sprinkler at $17/64$ ($5/16 = 20/64$) @ 25 psi =
11.24 gpm or 0.025 cfs (from charts.)

MICROFILMED
JAN 10 1997



9608445

THE UNITED STATES GEOLOGICAL SURVEY
 ROAD LEGEND
 AERIAL PHOTOGRAPHS TAKEN USGS, NOS/NOAA
 1986
 1987
 MAP EDITED 1989
 TRANSVERSE MERCATOR
 ZONE 11

T. 58N
 R. 2E.
 Sec. 7

NORTH



MICF
JAN 10 1997

96-08445

RECEIVED

OCT 10 1990

NORTHERN REGION
IDWR

Teresa Bright,

Maximum nozzle size is $\frac{5}{16}$ "

Maximum PSI is 22.5

Thanks again

Ron GARNMAN

+
Joel Merthens

P.S.) We also realized that we began
use in summer of 85 and not 86.

MICROFILMED

JAN 10 1997

January 9, 1991

RON GARMAN
JOSIE MERITHEW
9638 RAPID LIGHTNING RD.
SANDPOINT, ID 83864

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 96-08445

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

If you have questions concerning this matter, please feel free to contact the NORTHERN Regional Office in Coeur D' Alene at (208)765-4639.

Sincerely,

Rita Fleck
Secretary/Records Manager

c: IDWR - Region

MICROFILMED

FEB 08 1991

ANALYSIS SHEET
for
PROOF OF BENEFICIAL USE

Permit No. 91e-8445

Date 1-3-91

GENERAL CONSIDERATIONS

Y Name same as permit?
Y Address same as permit? If no, prepare data entry form.
Y Proof timely received? If no, complete priority advancement below.

SOURCE OF WATER

Y Surface water source
Y Ground water source
Y Drill permit req'd?
Y Copy in file? Drill permit no. _____
Y Well log in file?
Y Amt paid for drilling permit? _____ Correct?

LICENSE EXAMINATION FEE

Y Required?
Y Amount submitted?
Y Correct amount?

MEASURING DEVICE

No Measuring device or access port required?
Y Installed?
Y Waiver requested or needed?

DEFICIENCIES OR ACTION ITEMS

Proof acceptable

PRIORITY CALCULATION

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

138533
September 30, 1990

RON GARMAN
JOSIE MERITHEW
9638 RAPID LIGHTNING RD.
SANDPOINT, ID 83864

PROOF DUE NOTICE

RE: PERMIT NO. 96-08445

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 December 1, 1990. (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

MICROFILMED

FEB 08 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
COMMENCEMENT OF WORKS

Permit No. 96-8445
Name(s) of Permit Holder(s): Ron GARMAIO - Josie Merithew
Post Office Address: 9638 Rapid Lightning Rd -
SAND POINT IDAHO 83864 Tel. No. NONE

☒ I hereby certify that construction of diversion works for the above referenced permit began on 7/1/85 (date). I understand that I must

continue to develop the water system with due diligence to maintain a valid permit.

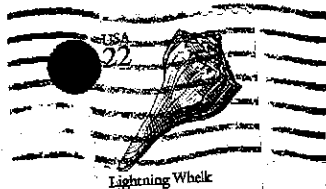
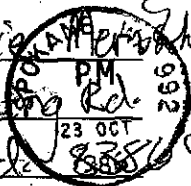
☐ I hereby certify that construction of diverting works on the above referenced project has not yet begun due to the following reason beyond my control*:

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

10/22/86
Date

Josie Merithew
Signature of Permit Holder

Ron GARN - Josie
9638 Rapid lightning Rd.
Sitnd point, Id. 83864



RECEIVED

OCT 27 1986



FILED

FEB 08 1991

Department of Water Resources
IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720



STATE OF IDAHO DEPARTMENT OF WATER RESOURCES

NORTHERN REGION

A. Kenneth Dunn
Director

Suite No. 9
4055 Government Way
Coeur d'Alene, Idaho 83814
(208) 765-4639

January 7, 1986

RECEIVED
JAN 13 1986

Ms. Josie Merithew and
Mr. Ron Garman
9638 Rapid Lightning Rd.
Sandpoint, Id. 83864

Department of Water Resources

Re: 96-8445

Dear Ms. Merithew and Mr. Garman:

We have checked with our State Office in Boise and found that your application has been approved and sent directly to you sometime last week.

You should be receiving it shortly if you have not received it already.

If we can be of any further assistance, please do not hesitate to contact us.

Sincerely,

15/
Patricia M. Stypa
Secretary - Office Coordinator

✓ cc: IDWR - State Office - w/enc.

MICROFILMED

Jan 2, 1986

Water Rights;

Kello! A few months Ago my partner & I Applied for water rights to our Spring and our creek. We still havent heard if our Application was accepted or not, Could you please let us know The Status of our water rights. Thank you,

RECEIVED Josie Merithew + Ron GARMAN
JAN 6 1986

Department of Water Resources
Northern District Office

8338 Rapid lightning Rd.
Sandpoint, Idaho

MICROFILMED

83564

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

- - - - -

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
DECEMBER 19, 1985

GARMAN, RON
9638 RAPID LIGHTNING RD.
SANDPOINT, ID 83864

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 96-8445

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.

PLEASE BE ADVISED THAT YOUR APPLICATION FOR PERMIT HAS BEEN APPROVED BECAUSE WE NO LONGER WAIT FOR APPROVAL FROM THE FEDERAL ENERGY REGULATORY COMMISSION (FERC) OR THE IDAHO PUBLIC UTILITIES COMMISSION (PUC) WHEN THE FLOW IS LESS THAN 25 CFS AND THE POWER TO BE GENERATED IS LESS THAN 500 HP. HOWEVER, YOU MAY STILL NEED TO OBTAIN APPROVAL FROM FERC AND/OR PUC.

PLEASE NOTE THE REQUIREMENT THAT AS A PERMIT HOLDER YOU MUST COMMENCE THE EXCAVATION OR CONSTRUCTION OF DIVERTING WORKS WITHIN ONE YEAR OF THE DATE THE PERMIT WAS ISSUED, AND YOU MUST PROCEED DILIGENTLY UNTIL THE PROJECT IS COMPLETED. THE ENCLOSED BLUE CARD MUST BE COMPLETED AND RETURNED TO THIS OFFICE AS SOON AS YOU COMMENCE CONSTRUCTION, NO LATER THAN ONE YEAR FROM THE DATE THE PERMIT WAS APPROVED.

WE HAVE ENCLOSED A FORM ENTITLED "INSTRUCTIONS FOR 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

DRT: SC
ENCLOSURES

MICROFILMED

POWER CALCULATIONS FOR APPLICATION NO. 96-8445

0.36
P = Kilowatts .74 X hp
Q = cfs 0.16
H = feet 25'
e = efficiency

- N/A ~~not~~ project for private use - requirement waived
- ✓ 1.) Affidavit of Residency
 - ✓ 2.) Ownership of Facilities
 - N/A 3.) *Financial Ability
 - 4.) Feasibility of Project
 - a. Plans, drawings
 - b. Economic analysis
 - N/A 5.) *Compliance w/FERC
 - *only for projects of more than 25 cfs or more than 500 horsepower.

$$e = \frac{P(11.8)}{QH} = \frac{0.36 \times 11.8}{0.16 \times 25} = \frac{4.24}{4} = 1.06 \leftarrow \text{too high}$$

$$P = \frac{QHe}{11.8} = \frac{0.16 \times 25 \times 80\%}{11.8} = \frac{3.2}{11.8} = 0.27$$

$$e = \frac{0.27(11.8)}{4} = \frac{3.186}{4} = 0.796$$

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

allow 0.27 kW for 80% efficiency kW

OVERLAP REVIEW per VAX 11/15/85:

P/D none

P/U none

BYPASSED AREA none

MICROFILMED

kew
11/15/85

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: KK APPLICATION NUMBER: 96-8445

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 _____

Copies sent by: _____ Date: _____

PROCESSING:

- ☐ Yes ☐ No Platted by: _____ Map No. _____
☐ Yes ☐ No Other rights on same place of use. _____
☒ Yes ☐ No* In form for advertising.
Final date for protests: 10/28/85
☐ Yes ☒ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 11/6/85
☐ 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? _____
☒ 9/30/85 Date of priority recommended.
Special conditions of approval or cover letter. _____

By: RA

STATE OFFICE REVIEW:

L18, L17A

Date: 11/12/85
17M 17K 25
26A 08A 09E

- ☐ See attached sheet for more information.

By: EW Date: 12/2/85

MICROFILMED
RECEIVED
NOV 14 1985

POINT OF DIVERSION AND STREAM INDEX INFORMATION

TRACT SEC TWP RGE gov't rediv.
lot (R) REACH

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv.
lot (R) REACH

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv.
lot (R) REACH

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv.
lot (R) REACH

IDAHO STREAM CODE INDEX

TRACT SEC TWP RGE gov't rediv.
lot (R) REACH

IDAHO STREAM CODE INDEX

36-8445

GARMAN, RON
MERITHEW, JOSIE

9638 RAPID LIGHTNING RD., SANDPOINT, ID 83864

Source: SPRING trib. to RAPID LIGHTNING CREEK
TRAPPER CREEK trib. to RAPID LIGHTNING CREEK

Date Filed: 09/30/1985

Diversion Pt: NENE Sec 07 T 58N R 02E

Use: POWER (0.16 CFS)
DOMESTIC (0.04 CFS)

In: NENE Sec 07 T 58N R 02E

MICROFILMED