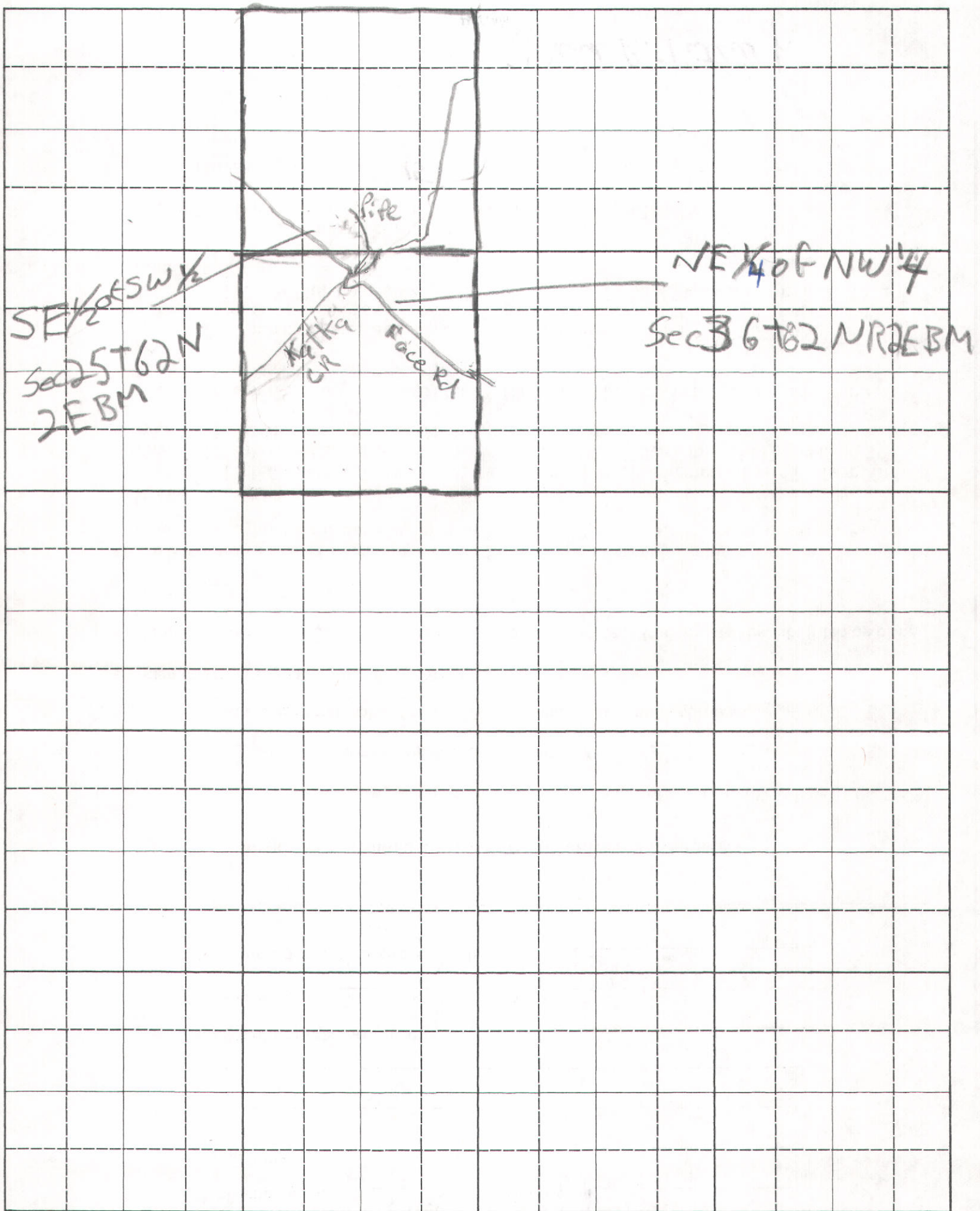


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



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.

David D. Peterson
(Applicant)
Nancy Peterson



MICROFILMED
SEP 23 1992

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 98-07528

Priority: May 27, 1983

Maximum Diversion Rate: 0.04 CFS
Maximum Diversion Volume: 8.5 AF

This is to certify, that DAVID D PETERSON
NANCY K PETERSON

RT 1 BOX 529K

BONNERS FERRY ID 83805

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated May 6, 1983; and has submitted Proof of Beneficial Use on August 22, 1988. An examination indicates that the works have a diversion capacity of .040 cfs of water from:

KATKA CREEK

tributary to KOOTENAI RIVER

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	0.02 CFS	7.3 AF
DOMESTIC	01/01 to 12/31	0.02 CFS	1.2 AF
	Totals	0.04 CFS	8.5 AF

LOCATION OF POINT(S) OF DIVERSION:

NENW , Sec. 36, Township 62N, Range 02E
BOUNDARY County

PLACE OF USE: POWER
TWN RGE SEC

62N 02E 25 SESW

PLACE OF USE: DOMESTIC, same as POWER use

CONDITIONS/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.

SEP 23 1992

State of Idaho
Department of Water Resources

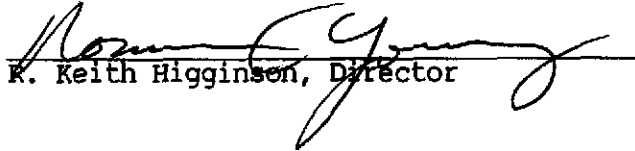
WATER RIGHT LICENSE

WATER RIGHT NO. 98-07528

CONDITIONS/REMARKS:

5. 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.
6. 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 16TH day of MARCH, 1992.

Acting for  R. Keith Higginsen, Director

SEP 23 1992

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

IN THE MATTER OF PERMIT NO. 98-7528 IN THE
NAME OF DAVID D. AND NANCY K. PETERSON

)
) ORDER OF REINSTATEMENT
)
)

WHEREAS, the Department issued the above-captioned permit with the condition that proof of construction of works and application of water to beneficial use (proof of beneficial use) be submitted on or before August 1, 1988; and,

WHEREAS, the Department has notified the permit holders by certified mail that proof was due and instructed the permit holders as to the steps to be taken to make said proof; and,

WHEREAS, on August 1, 1988 the permit lapsed for failure of the permit holders to submit proof of beneficial use; and,

WHEREAS, Section 42-218a of the Idaho Code provides that a permit may be reinstated upon a showing of reasonable cause within sixty days of the date of lapsing; and,

WHEREAS, the permit holders have provided a reasonable showing as to why said permit should be reinstated by submitting proof of beneficial use on August 22, 1988;

IT IS, THEREFORE, HEREBY ORDERED that Permit No. 98-7528 be REINSTATED and the priority advanced to May 27, 1983.

Dated this 13th day of September, 1988.

RECEIVED

OCT 17 1988

L. Glen Saxton
L. 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 DAVID D K^P/NANCY K PETERSON Phone NONE

Post office address ROUTE 1K, BONNERS FERRY ID 83805

2. Source of water supply KATKA CREEK which is a tributary of KOOTENAI

3. Location of point of diversion is NE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 36 Township 62N

Range 2E B.M. BOUNDARY County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount .02 for DOMESTIC purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount .18 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:

a. .20 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. SMALL BASIN, SYPHON, PIPE

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: DOMESTIC POWER

a. If water is not for irrigation:

(1) Give the place of use of water: SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 25 Township 62N

Range 2E B.M.

(2) Amount of power to be generated: 21 HP 2400 @ 12V ^{DET 7-15-83} horsepower under 75 feet of head.

(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 1.

(5) If water is to be used for other purposes describe: _____

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

[illegible]

Total number of acres to be irrigated

c. Describe any other water rights used for the same purposes as described above.

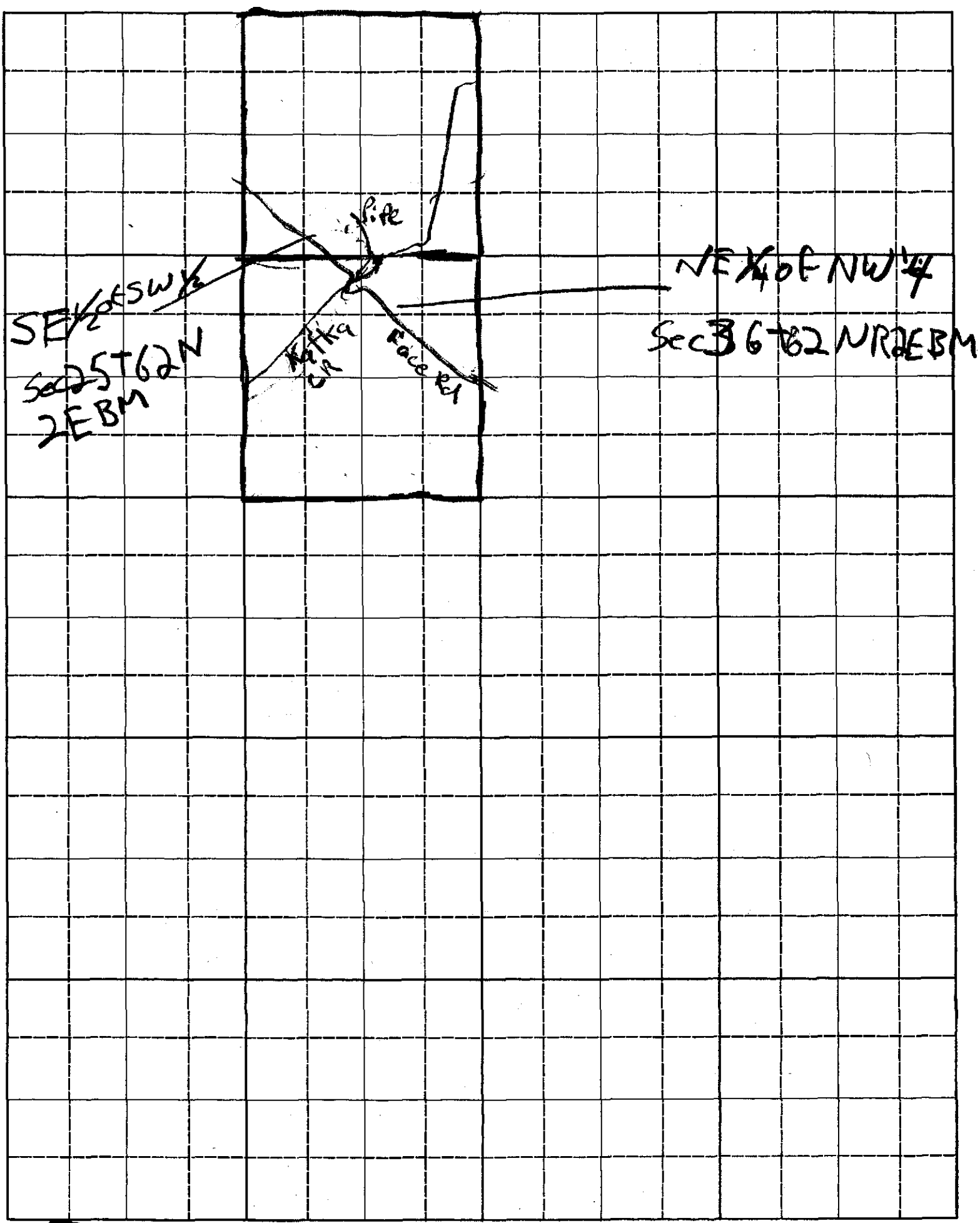
9. a. Who owns the property at the point of diversion USFS

b. 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 **SPECIAL USE PERMIT BEING APPLIED FOR**

10. Remarks

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



Scale 1 inch equals 1 mile.

MICROFILMED

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.

David D. Peterson
Nancy Peterson (Applicant)

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Proposed Priority 5/6/83
Received by JK Date 5-6-83 Time Noon
Preliminary check by JK Fee \$ 30.09
Receipted by JK Date 5-6-83 (26663)
Publication prepared by JK Date 5/11/83
Published in Bornes Army Herald
Publication dates 5/19/83 - 5/26/83
Publication approved RMA Date 6/19/83
Protests filed by: None

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by RAH RC

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. 98-7528, 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 88.
- 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.

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.

Use of water under this permit is subordinated to future diversion of water for irrigation or other consumptive beneficial uses.

Witness my hand this 15 day of July, 1983.

David R. Tuttle
Acting 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).

X 1. Individual Applicant or Individual Members of a Partnership:

I, David D Peterson of Bonners Ferry,
(name) (city)

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

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.

X 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.

David D Peterson
Applicant

State of Idaho }
County of Boundary } ss.

On this 16 day of FEBRUARY, 19 83, personally
appeared before me the signer(s) of the above instrument, who duly acknowledged
to me that he (she) (they) executed the same.

Wayne A Fox
Notary Public residing at
Bonners Ferry

My commission expires:

See

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NOTICE OF APPLICATION FOR WATER RIGHT

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

98-7528 OKLB

PETERSON, DAVID D. &/or NANCY K.
RT. 1K, BONNERS FERRY, ID 83805
Source: KATKA CREEK trib. to KOOTENAI RIVER
Date Filed: 05/06/1983
Diversion Pt: NENW Sec 36 T 62N R 02E
Use: POWER (0.18 CFS)
DOMESTIC (0.02 CFS)
In: SESW Sec 25 T 62N R 02E

98-7529

MAXWELL, SCOTT
GARMAN, RON
STAR RT. 1, MOYIE SPRINGS, ID 83845
Source: SAND CREEK trib. to KOOTENAI RIVER
Date Filed: 04/25/1983
Diversion Pt: NWSE Sec 20 T 62N R 03E
Use: IRRIGATION (0.10 CFS)
STOCKWATER (0.04 CFS)
DOMESTIC (0.02 CFS)
In: NWSE Sec 20 T 62N R 03E FOR 5 ACRES

98-7530

KNUTSON, KRISTOFER GILJE
JORDAHL, KRISTEN M.
STAR RT. 1 BOX 103, BONNERS FERRY, ID 83805
Source: UNNAMED STREAM trib. to ROCK CREEK
Date Filed: 05/09/1983
Diversion Pt: SWSE Sec 15 T 63N R 01E
Use: IRRIGATION (0.02 CFS)
DOMESTIC (0.04 CFS)
In: SWSE Sec 15 T 63N R 01E FOR 1 ACRES

98-7531

RICHARDSON, PATRICIA
STAR RT. 2 BOX 182, BONNERS FERRY, ID 83805
Source: SPRUCE CREEK trib. to MOYIE RIVER
Date Filed: 05/02/1983
Diversion Pt: NENE Sec 35 T 65N R 02E
Use: IRRIGATION (0.02 CFS)
STOCKWATER (0.02 CFS)
DOMESTIC (0.02 CFS)
In: NENE Sec 35 T 65N R 02E FOR 2 ACRES

The permits 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 JUNE 6, 1983.

KEN DUNN, Dir.

First publication May 19, 1983

Final publication May 26, 1983-dwr

MICROFILMED

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO

County of Boundary

ss.

Alice Winn, bkpr for Pete Thompson

being first duly sworn upon his oath, deposes and says that he is the publisher (or foreman)

Publisher

of The Bonners Ferry Herald, a newspaper of general circulation, published weekly at Bonners Ferry, Boundary County, State of Idaho; that the said Bonners Ferry Herald has been continuously and uninterruptedly published in said Boundary County during a period of 18 months or 78 weeks prior to the first publication of the hereto attached notice; that

the advertisement of **Notice of Application For Water Right**

98-7528, 7529, 7530, 7531

a

Notice for Publication, a printed copy of which is attached hereto was published in said newspaper and not in a supplement thereof for 2 consecutive issues, commencing with the issue dated May 19, 1983, and ending with the issue dated May 26, 1983

Subscribed and sworn to before me this 31st day of May, 1983

Jody Lane
Notary Public in and for the County of Boundary, State of Idaho,
residing at Bonners Ferry, Idaho.

March 19, 1992

DAVID D PETERSON
NANCY K PETERSON
RT 1 BOX 529K
BONNERS FERRY ID 83805

RE: WATER RIGHT NO. 98-07528

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit.

Sincerely,

SHARLA CURTIS
Water Resource Agent

SC:clh

Enclosure

RECEIVED
BUREAU OF LAND MANAGEMENT

3 23 1992

February 19, 1992

DAVID D PETERSON
NANCY K PETERSON
RT 1 BOX 529K
BONNERS FERRY ID 83805

RE: WATER RIGHT NO. 98-07528

Dear Water Right Holder(s):

Enclosed is a draft copy of the license proposed to be issued on the above referenced water right.

This right is currently being reviewed by this office for licensing. The enclosed preliminary copy is subject to change upon further administrative review.

We ask that you review the proposed license and if you do not concur with the information, please let us know within 10 days.

Sincerely,

SHARLA CURTIS
Water Resource Agent

SC:clh

Enclosure

RECEIVED

SEP 23 1992

LICENSE REVIEW CHECKLIST
 Permit No. 98-7528

Date _____

Name _____ Address change? OK

Priority date _____ Advance? NO
 Memo to advance _____
 Order to reinstate needed? _____

Total cfs _____ Fee sufficient for rate recommended? ✓
 Limited by capacity? _____

Total volume _____ Limited by flow? _____
 Rate/ac N/A afa (irrigation)
 Calculations from examiner appropriate? _____

Capacity _____ Actual measurement checked _____
 Theoretical checked _____

Source _____ Clarification of originally intended source is
 the only change allowed - if any other change in
 source has occurred, a notice of intent to void
 is needed OK

P/D _____ Verify with map ✓ Amendment req'd? NO
 Remark needed for more than one per $\frac{1}{4}$ ✓
 Is overlap analysis a consideration in final
 recommendations? NO

Uses _____ Period of use for each use compatible with
 appropriate maps, data entry standards, etc. ✓
 Change(s) in nature of use - amendment req'd ✓

P/U _____ Verify with map ✓ Amendment req'd? NO
 Is overlap analysis a consideration in final
 recommendations? NO

Remarks _____ More than one p/d in $\frac{1}{4}$ _____
 Non-irrig uses ✓
 Special overlap condition _____
 Other _____

Conditions -

Measuring device _____
 W.Master control _____
 Overlap _____
 Water quality _____
 Other _____

Dates/Misc. -

Water Dist _____
 App Rec'd ✓
 Proof Rec'd ✓
 Exam Made ✓

Comments/Memos needed:

License _____	Paragraphs _____
10-day _____	Paragraphs <u>36</u> <u>37</u> <u>38</u> <u>49</u> _____
30-day _____	Paragraphs _____

Special correspondence req'd? _____

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT
(REGIONAL)

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	DAVID D PETERSON	05/27/1983	POWER	01-01 12-31	0.02 CFS	7.3 AFA
C	NANCY K PETERSON		DOMESTIC	01-01 12-31	0.02 CFS	1.2 AFA
	RT 1 BOX 529K					
	BONNERS FERRY ID 83805					
TOTAL DIVERSION:					0.04 CFS	8.5 AFA

Water Source: KATKA CREEK

Tributary to: KOOTENAI RIVER

Stage: LICENSE

Point(s) of Diversion Capacity: 0.04 CFS

Point(s) of Diversion: T62N R02E S36 NE NW

Place of use Legal Description for: POWER

	NE	NW	SW	SE
NENE NWNE SWNE SENE : NENW NWNW SWNW SENW : NESW NWSW SWSW SESW : NESE NWSE SWSE SESE :				
T R S : Lt Ac Lt Ac Lt Ac Lt Ac : Lt Ac Lt Ac Lt Ac Lt Ac : Lt Ac Lt Ac Lt Ac Lt Ac : Lt Ac Lt Ac Lt Ac Lt Ac :				
62N 02E 25 :			P	

Place of use location for DOMESTIC is the same location as described for: POWER

Remarks: Domestic use is for 1 home.

Dates: App. Received: 05/06/1983 Priority Date: 05/27/1983 (Priority Date Advanced.)
Proof Due Date: 08/01/1988 Proof Made Date: 08/22/1988 (Proof Received Late.)
Exam Made Date: 06/21/1991 Exam Sent to S.O.:
Licensed Date:

Misc: Water District Number: Field Exam Fee: R (Received)

Comments: Date: 01/08/1992 User-ID: CURTIS Subject: LICENSE RECOMMENDATIONS
The examiner recommends a rate of diversion for power purposes of 0.06 cfs. However, this rate is based upon a calculation which determined velocity at 80.9 ft/sec (using psi). The calculation showing the flow through the 5/16" nozzle (which is used under this system) more accurately determines a rate of 0.02 cfs. The license will be issued for 0.02 cfs for power and 0.02 cfs for domestic use, for a total of 0.04 cfs. Further, irrigation of the 1/4 acre will be included under the domestic component with a volume of 1.2 af. The examiner did not include a volume for power; it has subsequently been based upon an assumption of operation at 12 hrs/day (9 gpm X 720 min X 365 days/325850 = 7.3 AF.
The conditions placed on the permit at the time of its approval were appropriate for the power use described on the application (.18 cfs). However, the actual size of the operation does not warrant continuation of these conditions or other standard power conditions in the license.

Audit: 01/08/92 CURTIS

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

Department of Water Resources

JUN 28 1991

A. GENERAL INFORMATION

Permit No. 9807528
Phone No. 267-5770 (After 3:30)

1. Owner: David D./ Nancy K. Peterson
Current Address: Rt. #1 Box 529K Bonners Ferry ID 83805

2. Accompanied by: David Peterson EXAM. DATE: 8/17/90

Address: SAME Phone No. _____

Relationship to Permit Holder: _____

3. Source: KATKA Creek tributary to Kootenai River

B. OVERLAP REVIEW

1. Other water rights with same place of use: None

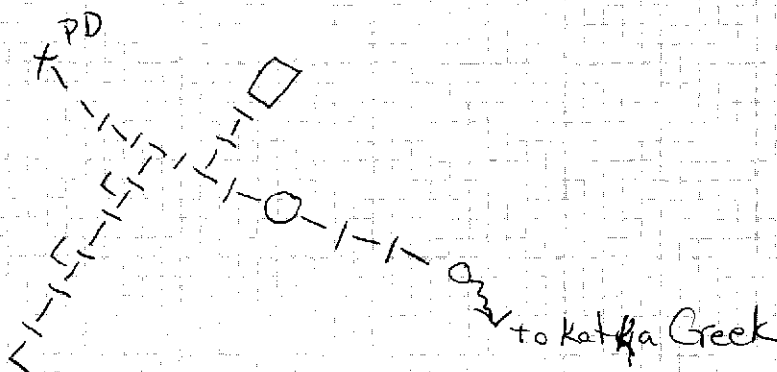
☐ Copies Attached

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

SEP 23 1992

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

☐ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater.

☐ Aerial Photo Attached N/A
(required for irrigation of 10 acres or more).

System Description (continued)

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

Pipe carries water From Katka Creek to a ~~5/16" Nozzle~~ through a two inch pipe to a "T" ~~for~~ which then divides water to three frost free risers and domestic site. A home water for domestic use is "T"ed off and then water passes through a 5/16" Nozzle at 35 psi to operate power generator. approximately 1hp of power is generated. water then exits system through a buried pipe to a Spring which is Tributary to Katka Creek 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
Gravity					

*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
		NE	NE	NW	36	62N	2E	Boundary	Map

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	
62N	2E	36					~~NE~~												~~1/2~~
62N	2E	25												D 1/2 P					1/2

UNRECORDED

SEP 23 1992

Do not use this space

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:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

$$Q = VA$$

$$V = 2.31 \times 35 = 80.85 \text{ ft/sec}$$

$$A = \left(\frac{5}{16} \right) \left(\frac{12}{12} \right) = 0.03 \text{ ft}^2 = 0.015 \text{ ft}^2$$

0.02 for Domestic Irrigation from Application

2. Alternate Method for Checking Purposes:

$$\text{Char} + \frac{1}{4} \text{ " Sprinkler } \left(\frac{1}{16} \right) @ 35 \text{ psi} = 10.6 \text{ gpm}$$

$$10.6 \text{ gpm} \div 448.8 \text{ g/cfs} = 0.02$$

$$(0.015)^2 \times 3.14 = 0.0007 = A$$

$$(80.85)(0.0007) = 0.06 \text{ cfs}$$

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:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \frac{1}{2} \times 3.0 = 1.5 \text{ AFA}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.02 \times 214 \times 1.9835 = 8.5 \text{ AFA}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1.5$$

2. Volume Calculations for Other Uses:

1 Home

SEP 28 1982

H. REMARKS AND OVERLAP REVIEW ANALYSIS

Irrigation Separated from Domestic for Clarification
Amount used for power less than permitted

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	0.02	0.6
Power	1-1	12-31	0.06	N/A
Irrigation	4-1	11-1	0.02	0.6
Totals:			0.08 Cfs	1.2 AF

2. Recommended Amendments

☐ Change P.D. as reflected above

☐ Add P.D. as reflected above

☐ None

☐ Change P.U. as reflected above

☐ Add P.U. as reflected above

☒ Other

J. AUTHENTICATION

Field Examiner's Name

Theresa J. Bright

Signature

Theresa J. Bright

Certification Date

4/16/90

Field Report Preparation Date

8/20/90



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

SEP 23 1992



UNCLASSIFIED
SEP 28 1992



State of Idaho
DEPARTMENT OF WATER RESOURCES

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

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

October 17, 1988

RECEIVED
OCT 20 1988

Department of Water Resources

Mr. David Peterson
Rt. 1 Box 529K
Bonners Ferry, Id. 83805

Re: 98-7528

Dear Permitholder:

We acknowledge receipt of your statement of completion of water development use for the above-referenced permit.

Before a license can be issued, a field examination must be made by a representative of this Department. We do not know at this time when he will be able to conduct the examination; however, the examiner will try to contact you at the time he makes the examination so that you may show him the system. If you will not be available to show the system, please provide this office with the name and address of someone who will be able to do so. Your permit will remain valid until the examination is made.

Also, enclosed is an Order of Reinstatement for your records.

If you have any questions concerning the field examination, please contact this office. Please be sure to use the above-referenced permit number in all future correspondence concerning this examination.

Sincerely,

/s/
TOM D. KING
Senior Water Resource Agent

TDK/pms

RECEIVED

SEP 23 1992

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 98-2528

Date: 9-12-1988

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
NA 1. well log in file
NA 2. drilling permit
_____ 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?
_____ Has permit holder indicated when water was first put to a beneficial use?

Measuring Device:

NA Is a measuring device or access port required?
NA Has one been installed?
NA Waiver or modification of measuring device requested

Remarks:

*Proof acceptable
Reinstate*

Y Priority Calculation:
Date proof received Aug. 22
Date proof due Aug 1
No. of days late = 21
Priority date May 6 '83
NEW PRIORITY DATE May 27, '83

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

RECEIVED

JUL 28 1988

RECEIVED

AUG 22 1988

For Office Use Only
Fee Received \$50.00
Date 8/23/88
Receipt # 0008316
Received by CD
Reviewed by [signature]
Sent to region 9-12-88

no & encl. *oo*
Department of Water Resources

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 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. 98-7528

Name(s) of Permit Holder: David D & Naneyk Peterson

Post Office Address: RT #1 Box 529k

Bonners Ferry, Idaho 83805

Telephone No. 267-5770

Source of Water: Katka Creek

Extent of Uses:

Domestic ✓ (number of households) Stockwater _____ (number and type of stock)
Irrigation _____ (acres) Other/Remark Power Generation

Total rate and/or volume for which proof is submitted 20 cfs _____ acre-feet

Show the date water was first diverted and beneficially used under this permit: July 23

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

Fee enclosed \$ 50.00
(See License Examination Fee Schedule)

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

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

Dave Peterson
(Name)

267 5770 after 330 PM
(Telephone Number)

RT#1 Box 529k Bonners Ferry Idaho 83805
(Address)

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.

NOT RECORDED

26/825-88
Date

Dave Peterson
Signature of Permit Holder (and title, if appropriate)

OCT 17 1988

August 11, 1988

David D. Peterson
Nancy K. Peterson
Rt. 1, P. O Box 529K
Bonners Ferry, ID 83805

Re: Permit No. 98-7528

Dear Permit Holder:

Enclosed is the Proof of Beneficial Use submitted on July 28, 1988 and instruction sheet/fee schedule. Note the fee required for the department to conduct the field exam is \$50.00. Please remitt \$50.00 as soon as possible to keep the permit from losing priority.

If you have any questions, please feel free to call me.

Sincerely,

Rita Fleck
Secretary/Records Manager

Enclosures

RECEIVED

OCT 17 1988

138961
CERTIFIED MAIL
May 31, 1988

PETERSON, DAVID D. & NANCY K.
RT. 1K
BONNERS FERRY, ID 83805

PROOF DUE NOTICE

RE: Permit No. 98-7528

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, 1988. (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, or the permit will no longer be of any force nor effect.

Sincerely,

RITA FLECK
Secretary/Records Manager

Enclosures

MICROFILMED

OCT 17 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440

PETERSON, DAVID D. & NANCY K.
RT. 1K
BONNERS FERRY, ID 83805

AUGUST 02, 1983

RE: PERMIT NO. 98-7528

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 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 INSTRUCTIONS 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

MICROFILMED

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: SL

APPLICATION NUMBER: 98-7528

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: _____

✓ 205/206
Overlap Review attached

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: _____

pa 6-20-83

PROCESSING:

- ☐ Yes ☐ No Platted by: _____ Map No. _____
☐ Yes ☐ No Other rights on same place of use. _____
☒ Yes ☐ No* In form for advertising.
☐ Yes ☒ No Final date for protests: 6-6-1983 ✓
☐ Yes ☐ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 6/9/83 ✓
☒ 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? _____
5/6/83 Date of priority recommended.
Special conditions of approval or cover letter. _____

MICROFILMED

By: RAH

Date: 6/20/83

RECEIVED

JUL 7 1983

STATE OFFICE REVIEW:

return receipt

Department of Water Resources

5/17

26, 25, 08A, 17B

- ☐ See attached sheet for more information.

By: Reyn

Date: 7/13/83

POINT OF DIVERSION AND STREAM INDEX INFORMATION

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

IDAHO STREAM CODE INDEX

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

IDAHO STREAM CODE INDEX

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

IDAHO STREAM CODE INDEX

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

IDAHO STREAM CODE INDEX

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

IDAHO STREAM CODE INDEX

POWER CALCULATIONS FOR APPLICATION NO. 98-7528

P = Kilowatts .74 X hp

Q = cfs

H = feet

e = efficiency Assume .80

proposed

?

.18 cfs

75 ft

80%

$$e = \frac{P(11.8)}{QH} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$P = \frac{QHe}{11.8} = \frac{.18 \times 75 \times .8}{11.8} = \frac{10.8}{11.8} = .91 \text{ Kw or } 1.23 \text{ hp}$$



OVERLAP REVIEW

P/D NE 1/4 NW 1/4 Sec 36 T62N R2E

None

P/U SE 1/4 SW 1/4 Sec 25 T62N R2E

None

BYPASSED AREA

None

MICROFILMED

RC 7/13/83

98-2528-

PETERSON, DAVID D. &/or NANCY K.

RT. 1K, BONNERS FERRY, ID 83805

Source: KATKA CREEK trib. to KOOTENAI RIVER

Date Filed: 05/06/1983

Diversion Pt: NENW Sec 36 T 62N R 02E

Use: POWER	(0.18 CFS)
DOMESTIC	(0.02 CFS)

In: SESW Sec 25 T 62N R 02E

MICROFILMED



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
NORTHERN REGION

John V. Evans
Governor
A. Kenneth Dunn
~~Executive Director~~
Director

Suite No. 1
4055 Government Way
Coeur d'Alene, Idaho 83814
(208) 667-6484

U. S. Forest Service
Supervisor's Office
1201 Ironwood Drive
Coeur d'Alene, Id. 83814

Re: 98-7528

Gentlemen:

Enclosed is a recent filing with this Department that may be of
interest to you.

Sincerely,

ROBERT G. HAYNES, P.E.
Regional Supervisor

pms

Enc. - Appln.