

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 94-7370

Exam Date: 6/16/2006

1. Current Owner: KAREN SWENSON
7728 W OLD CABIN RD
WORLEY ID 83876
(208)765-3366

JAN SWENSON
7728 W OLD CABIN RD
WORLEY ID 83876
(208)765-3366

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCE

NORTH FORK COEUR D ALENE RIVER

TRIBUTARY

COEUR D ALENE RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use:
2. Other water rights with the same point of diversion:

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

NORTH FORK COEUR D ALENE RIVER L8 SE1/4SE1/4
SHOSHONE County

Sec. 25, Twp 50N, Rge 03E, B.M.

Method of Determination:

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
50N	03E	25																2.0	2.0
																		L 8	

Total Acres: 2

FIRE PROTECTION same as IRRIGATION

Method of Determination:

3. ☐ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

<u>Well or Diversion ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

2. Measurements:

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

$$\frac{8.8 (.75)(.7)}{10 + (2.31 \times 60)} = \frac{4.62}{148.6} = .03 \text{ cfs}$$

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2 \times 3 \text{ af} = 6 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03 \times 245 \times 1.9835 = 14.6$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 6 \text{ af}$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

Permit was for 9 acres of irrigation, only one acre was found to be developed by the filed examiner on 06/16/2006. I did a new field exam on 10/18/2007 and found that one-acre of irrigation in each lot 4 and 5. The total irrigation will be two acres. Pump output was calculated, by the first field examiner and determined to be 0.03 cfs 2006. Discharge amounts for irrigation and fire protection were adjusted reflect the pump capacity.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
FIRE PROTECTION	01/01 to 12/31	0.030 CFS	
IRRIGATION	03/15 to 11/15	0.030 CFS	6.00 AF
<u>Totals:</u>		0.030 CFS	6.00 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

I. AUTHENTICATION

Field Examiner's Name Eric J. Davis Date 10-19-2007

Reviewer [Signature] Date 10/29/7

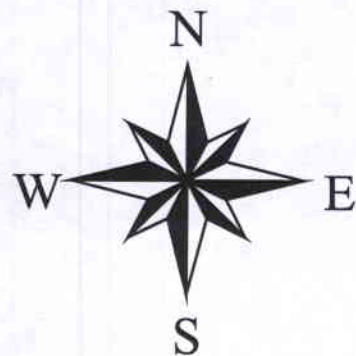
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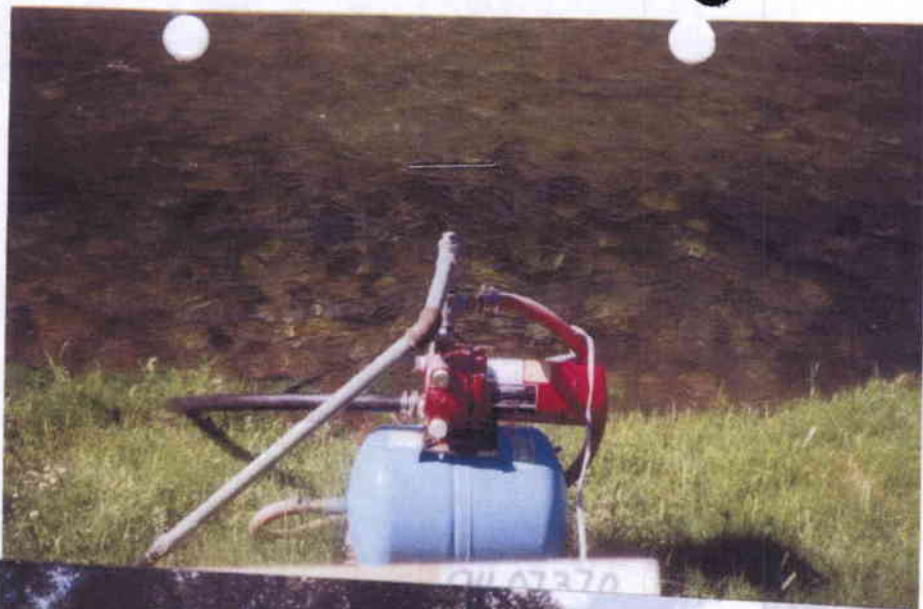
0.05 0 0.05 0.1 Miles

Sec 25 T 50N R 3E

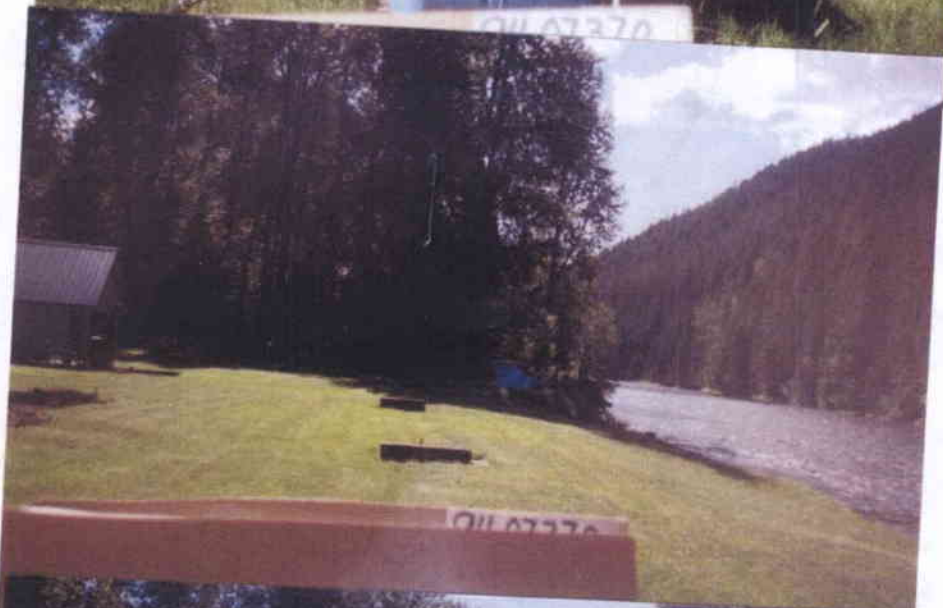
-  Shoshone taxlots
-  GCDB50N03E GCDB
-  Right POU
-  Application POD
-  Application POU
-  Point of diversion.shp
-  Place of use.shp



PW



PJ



PJ



Swenson
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IRRIGATION_1.jpg



IRRIGATION_3.jpg



IRRIGATION_FIRE
PROTECTION_2.jpg



IRRIGATION_FIRE_PORTE
CTION_1.jpg



IRRIGATION_2.jpg

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