

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 91-7215

Exam Date: 7/26/2011

1. Current Owner: STEVEN M HURST
E 8110 FREDRICK
SPOKANE WA 99212
(509)924-9947
2. Accompanied by: OWNER
Phone No:
Address:
Relationship to Permit Holder:

3. SOURCE

ST JOE 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:**

ST JOE RIVER

L6 SW1/4SE1/4

Sec. 14, Twp 46N, Rge 01W, B.M.

BENEWAH County

Method of Determination: MAP

2.

PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
46N 01W 14	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
															X		
															L 6		

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
46N 01W 14	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
															.8		.8
															L 6		

Total Acres: 0.75

0.8 Rounding Problem

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</u> <u>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</u> <u>Size</u>
N/A	U\K	1.5	U\K	U\K	

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>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: 5 GALLON BUCKET IS 14 SEC = 0.05 CFS

E. FLOW CALCULATIONS

Measured Method:

____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.8 \times 3\text{AF} = 2.4 \text{ AFA}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03 \times 231 \times 1.9835 = 13.7 \text{ AFA}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 2.4 \text{ AFA}$$

2. Volume Calculations for Other Uses: DOMESTIC = 0.6 AFA, IRRIGATION 2.4 AFA**G. NARRATIVE/REMARKS/COMMENTS**

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>
DOMESTIC	01/01 to 12/31	0.040 CFS	0.60 AF
IRRIGATION	03/15 to 10/31	0.030 CFS	2.40 AF
<u>Totals:</u>		0.040 CFS	3.00 AF

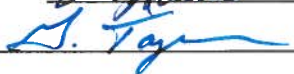
2. Recommended Amendments

☐ 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  Date 8-18-2011

Reviewer  Date 8-19-2011

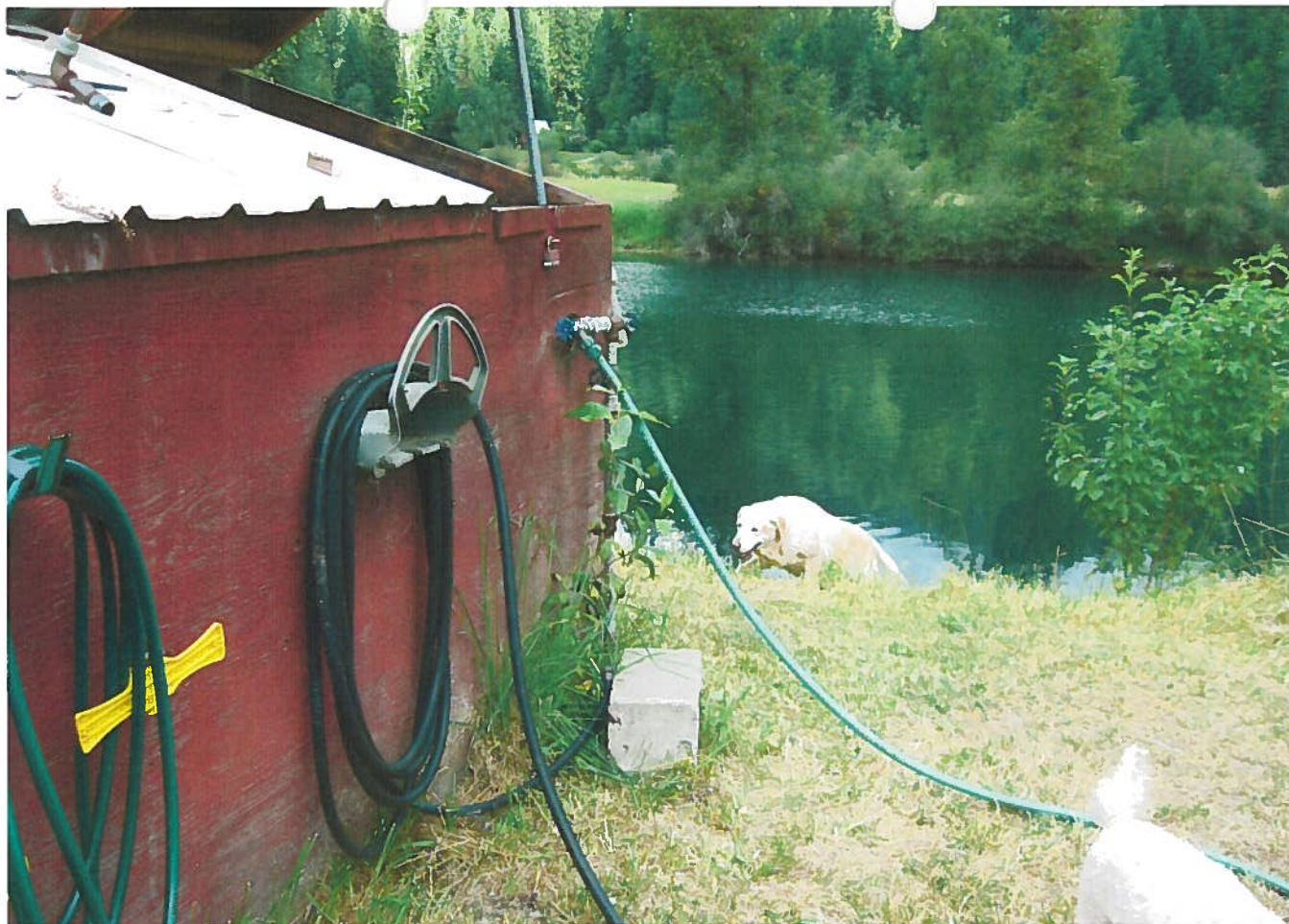


USE.JPG



PUMP.JPG

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Legend

-  Water Permit POD
-  Water Permit POU
-  QQ
-  Taxlots



State of Idaho
Department of Water Resources
Water Right License
91-7215
Water Service Area Boundary for Steven M Hurst



0 0.0375 0.075 0.15 Miles

Legend

-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

