

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-9289

Exam Date: 8/20/2008

1. Current Owner: LINDA CLOWES
3614 7TH SW
CALGARY AB T2T 2Y1
2. Accompanied by: ALLEN CLOWES
Phone No: 208-263-4900
Address: SAME AS ABOVE
Relationship to Permit Holder: SPOUSE

3. SOURCE

PEND OREILLE RIVER

TRIBUTARY

COLUMBIA RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE
2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

PEND OREILLE RIVER L3 SE¼NW¼ Sec. 3, Twp 56N, Rge 02W, B.M. BONNER County

Method of Determination: GPS

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
56N	02W	3								1.0									1.0
										L 3									

Total Acres: 1

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>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

*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:

4 gallons in 30 seconds

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

4 gal. in 30 sec.

8 gpm

0.02 cfs

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

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1 \times 3 = 3$$

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

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3 \text{ AF}$$

2. Volume Calculations for Other Uses:**G. NARRATIVE/REMARKS/COMMENTS**

THIS SYSTEM USES WATER FROM THE PEND OREILLE RIVER FOR IRRIGATION OF 1 ACRE. THERE IS A 1 HP PUMP PULLING WATER TO A LAWN IRRIGATION SYSTEM. A MEASUREMENT OF 4 GALLONS IN 30 SECONDS WAS TAKEN DURING THE FIELD EXAM.

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>
IRRIGATION	04/01 to 10/31	0.020 CFS	3.00 AF
<u>Totals:</u>		0.020 CFS	3.00 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

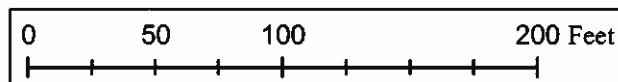
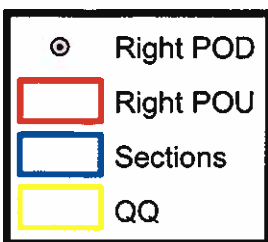
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

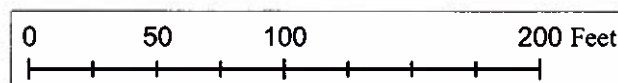
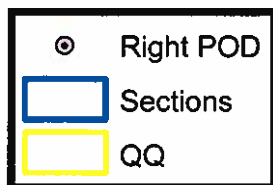
Field Examiner's Name [Signature] Date 11-21-08

Reviewer [Signature] Date 11/28/8

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MEASUREMENT.JPG



PLACE OF USE 1.JPG



PLACE OF USE 2.JPG



PLACE OF USE 3.JPG



PLACE OF USE 4.JPG



POINT OF DIVERSION.JPG



PUMP INFORMATION.JPG



SYSTEM.JPG

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