

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 94-7575
Exam Date: 09-08-2011

1. Current Owner: JAMES DRECHSEL
1702 E SATRE AVE
COEUR D ALENE ID 83815
(208)667-4030
2. Accompanied by: JAMES DRECHSEL
Phone No: SAME
Address: SAME
Relationship to Permit Holder:

3. **SOURCE** **TRIBUTARY**
NORTH FORK COEUR D ALENE RIVER COEUR D ALENE 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 SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

NORTH FORK COEUR D ALENE RIVER	L3 NW1/4NE1/4	Sec. 8,	Twp 49N,	Rge 02E, B.M.
SHOSHONE County				
NORTH FORK COEUR D ALENE RIVER	L3 NW1/4NE1/4	Sec. 8,	Twp 49N,	Rge 02E, B.M.
SHOSHONE County				

Method of Determination: MAP

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
49N	02E	8		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 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>
RIVER POD #1	CENTRAL MACHINEY		1 HP 898 GPH = 14.9 GPM		
RIVER POD #2	CENTRAL MACHINEY		1 HP 898 GPH = 14.9 GPM		

*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: 5 GAL BUCKET IN 20 SEC = 0.03CFS

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1 \times 0.3 = 3 \text{ AFA}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03 \times 214 \times 1.9835 = 12.7 \text{ AFA}$$

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

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS: TWO PUMPS OF THE SAME MAKE AND MODEL.

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	0.030 CFS	3.00 AF
<u>Totals:</u>		0.030 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 *E. J. Johnson* Date 10-26-2011

Reviewer *H. J. Day* Date 10-28-2011

94-7575



Legend

-  Water Right POD
-  Water Right POU
-  QQ
-  Taxlots

1 inch = 101 feet





USE 2.JPG



IRRIGATION .JPG



PSI.JPG



PUMP 1 HP.JPG



PUMP 1.JPG



PUMP 2.JPG



USE 1.JPG

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