

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 91-7166

Exam Date: 9/11/2008

1. Current Owner: DARLENE GLEASON
And/Or RAYMOND GLEASON
And/Or CHARLES DARNOLD
And/Or DONNA DARNOLD
And/Or BRENDA OLSTAD
330 S 23RD
ST MARIES ID 83861

2. Accompanied by: RAYMOND GLEASON

Phone No: 208-245-4967

Address: Same

Relationship to Permit Holder:

3. SOURCE

ST JOE RIVER

TRIBUTARY

COEUR D ALENE LAKE

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 L2 NW1/4SW1/4 Sec. 15, Twp 46N, Rge 01W, B.M. BENEWAH County

Method of Determination: MAP

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	
46N 01W 15											.5						.5
											L 2						

Total Acres: 0.5

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>
		1.5	C48L2EC11C3	Flotec	FP5172-08

*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:

5gal Bucket in 20sec = 15gpm = 0.03cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.5 \text{ ac} \times 3 \text{ AF} = 1.5 \text{ AF}$$

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

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

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS: No 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>
IRRIGATION	03/15 to 10/31	0.020 CFS	
<u>Totals:</u>		0.020 CFS	1.50 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 Dennis Date 9-18-2008

Reviewer [Signature] Date 9/18/8

91-7166



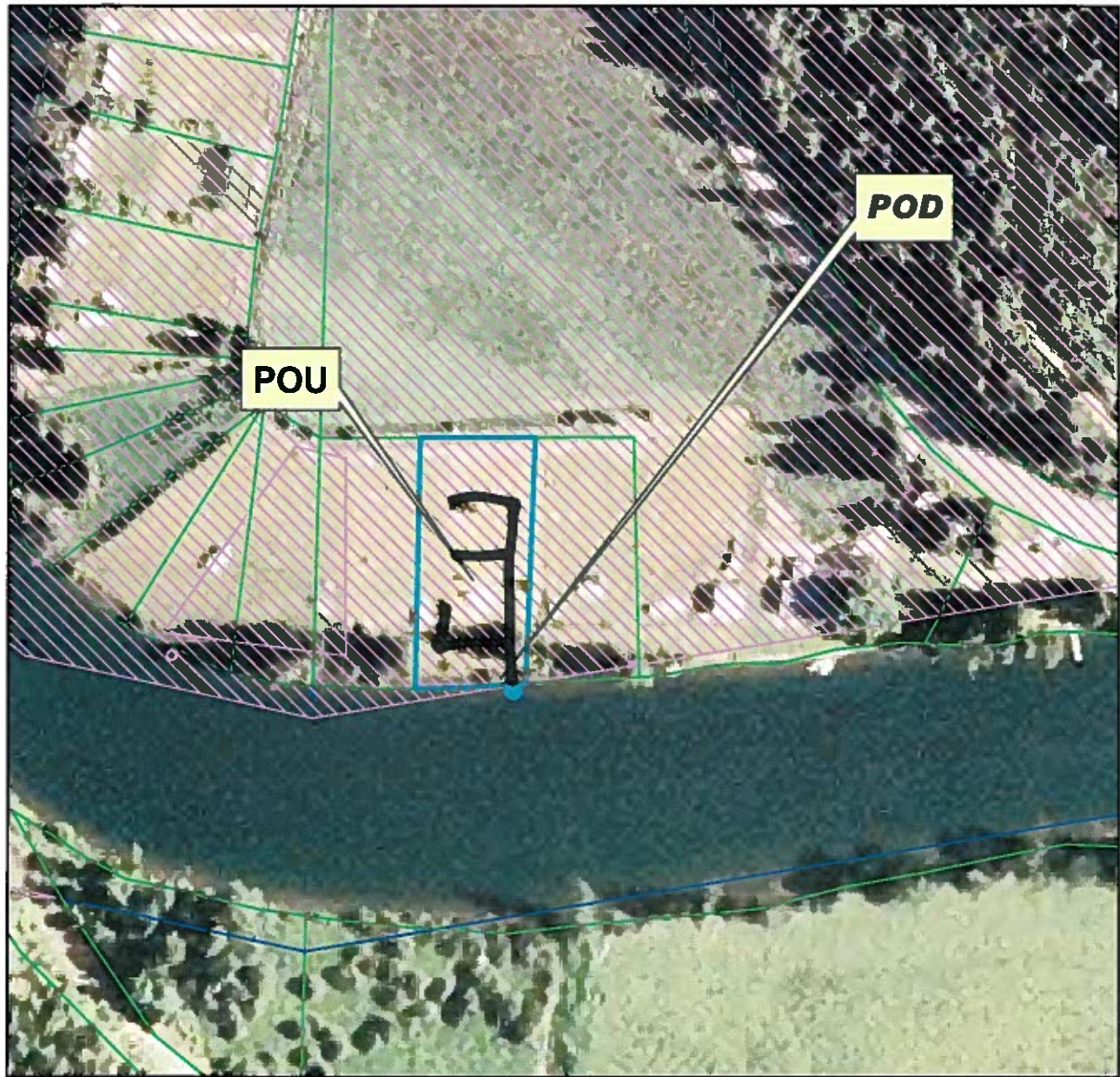
Legend

⊙ Right POD

0 55 110 220 330 440 Feet



SYSTEM



Legend

⊙ Right POD

0 55 110 220 330 440 Feet





FLOW.JPG



POD.JPG



POU.JPG



PUMP.JPG



SYSTEM.JPG

91-7166



SYSTEM.JPG



91- 7166





91-7166

Flotec
Delevan, Wisconsin 53115

Motor# C48L2EC11C3  

HP 1 1/2 kW 115/230V

3450RPM 1PH 60Hz KVA J

MaxLoad Amps 19.9/9.95 S.F. 1.1

THERMALLY PROTECTED TYPE T

Insulation Class B Ambient Temp 50 Time Rating CONT.

A.O. Smith Corp.

Record pump model number prior to motor replacement.
Relever le numéro de modèle de la pompe avant de remplacer le moteur.
Anote el número del modelo de la bomba antes de cambiar el motor.

***Motor prewired 230 Volt.**
***Le moteur est câblé pour le courant 230 Volts.**
***El motor está precableado para 230 Voltios**

For supply connection use wires acceptable for

***Pour les connexions du courant d'alimentation, utiliser des fils**

***Para las conexiones del suministro de energía**

GRD GREEN (GROUND)

HIGH VOLTAGE SHOWN. ROTATE DIAL CCW TO 115 FOR LOW VOLTAGE.

USE COPPER CONDUCTORS ONLY.
INSTALL MOTOR WITH VENTS DOWN.
ACCEPTABLE FOR FIELD WIRING

NEUTRAL LINE

09/10/2008



91-7166

