

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 91-7173

Exam Date:

1. Current Owner: STEVE HAWKS
89231 HWY 3N
ST. MARIES ID 83861
208-245-2403
2. Accompanied by: Current Owner
Phone No: Same
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 SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

ST JOE RIVER L7 NE1/4SE1/4 Sec. 7, Twp 46N, Rge 02W, B.M.
BENEWAH County

Method of Determination: Map and Aerial Photo

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
46N	02W	7													X				
															L7				

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>
	Dayton	1/2	9K649	TECL	1P852

*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:

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

5 gallon bucket in 20 sec = 18 gpm = 0.04 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses: Domestic use volume = 1.2AF

G. NARRATIVE/REMARKS/COMMENTS: This water right is for one home with 1/2 ac of irrigation.

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	1.2 AF
<u>Totals:</u>		0.040 CFS	1.2 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

Reviewer

Date

11/14/08

11/20/08

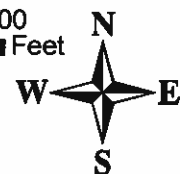
DELIVERY SYSTEM



Legend

- ⊙ Right POD
-  Right POU

0 50 100 200 300 400 Feet



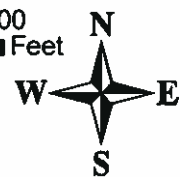
91-7173



Legend

- ⊙ Right POD
-  Right POU

0 50 100 200 300 400 Feet





POWER BOX.JPG



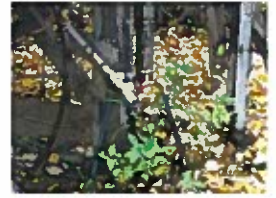
PUMP HOUSE.JPG



POU.JPG



POU.JPG



IMG_1043.JPG



SYSTEM.JPG



PUMP.JPG

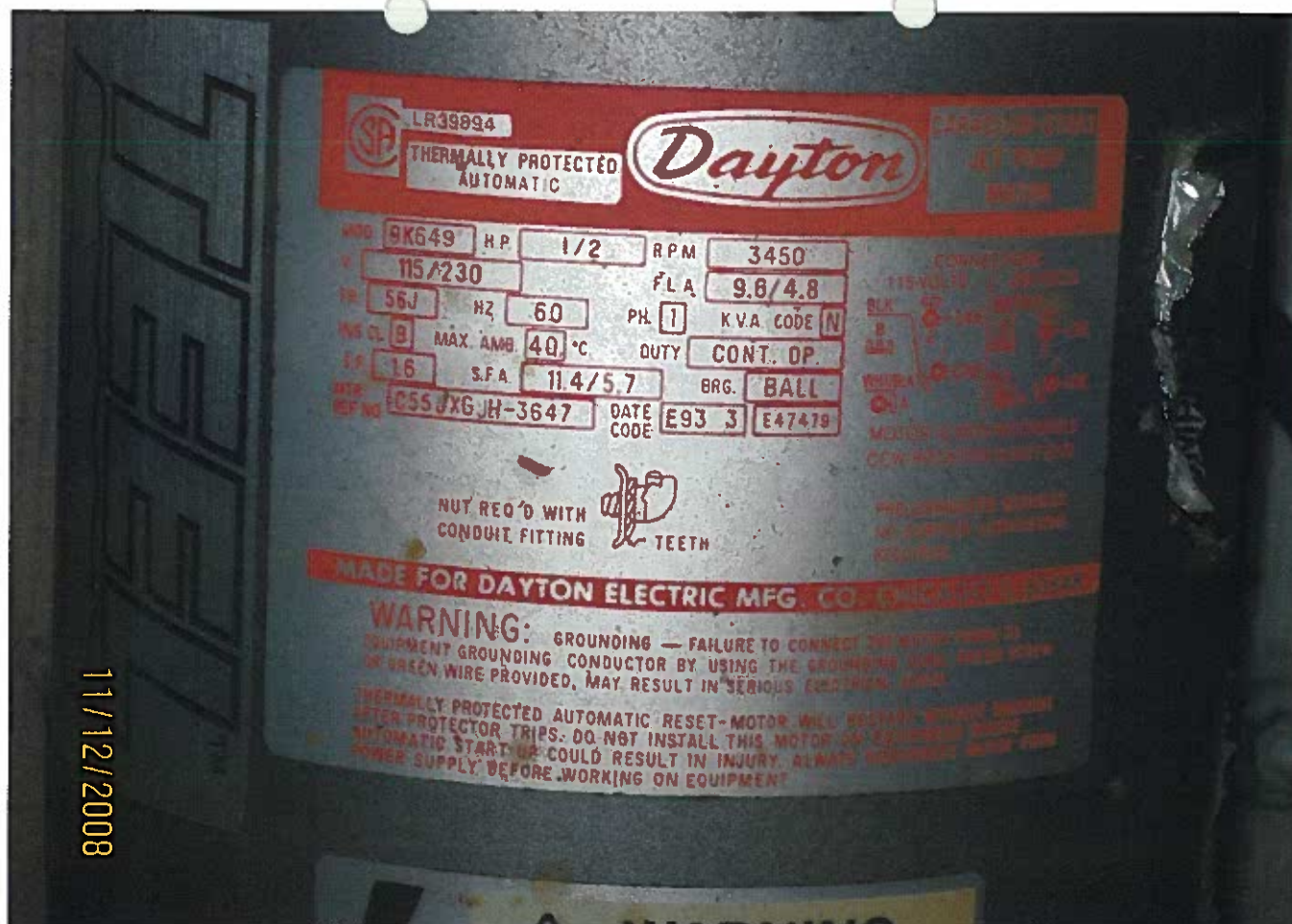


MOTOR.JPG



POD.JPG

91-7173



91-7173



11/12/2008



91-7173





91-7173





91-7173





91- 7173