

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9479

Exam Date: 8/4/2008

1. Current Owner: JERRY CROSS
15104 N SHENANDOAH DR
HAYDEN LAKE ID 83835
(208)762-4608
2. Accompanied by: JERRY CROSS
Phone No: SAME AS ABOVE
Address: SAME AS ABOVE
Relationship to Permit Holder: SELF

- | 3. <u>SOURCE</u> | <u>TRIBUTARY</u> |
|------------------|------------------|
| HAYDEN LAKE | SINKS |

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:

HAYDEN LAKE L3 NW¼NW¼ Sec. 3, Twp 51N, Rge 03W, B.M. KOOTENAI County

Method of Determination: GPS

2.

PLACE OF USE: DOMESTIC

[illegible]

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>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u>
<u>ID No.*</u>					<u>Size</u>
<u>U/K</u>	<u>Craftsman</u>	<u>1</u>	<u>U/K</u>	<u>Craftsman</u>	<u>U/K</u>

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
<u>Equipment</u>						

2. Measurements:

5 gal in 30 sec

10 gpm

0.03 cfs

E. FLOW CALCULATIONS

Measured Method:

____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

$$1 \times 1.2 = 1.2 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS

THIS SYSTEM USES WATER FROM HAYDEN LAKE FOR DOMESTIC USE. A MEASUREMENT OF 5 GALLONS IN 30 SECONDS WAS TAKEN DURING THE FIELD EXAM. THE PUMP IS A 1 HP CRAFTSMAN.

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	0.030 CFS	1.20 AF
<u>Totals:</u>		0.030 CFS	1.20 AF

2. Recommended Amendments

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

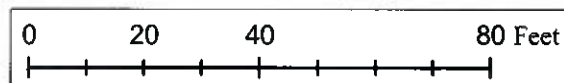
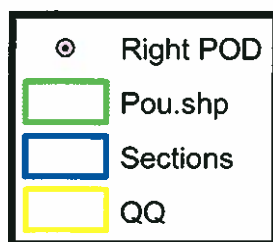
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

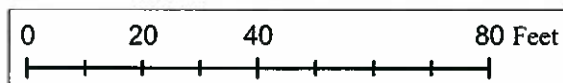
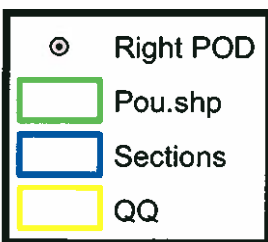
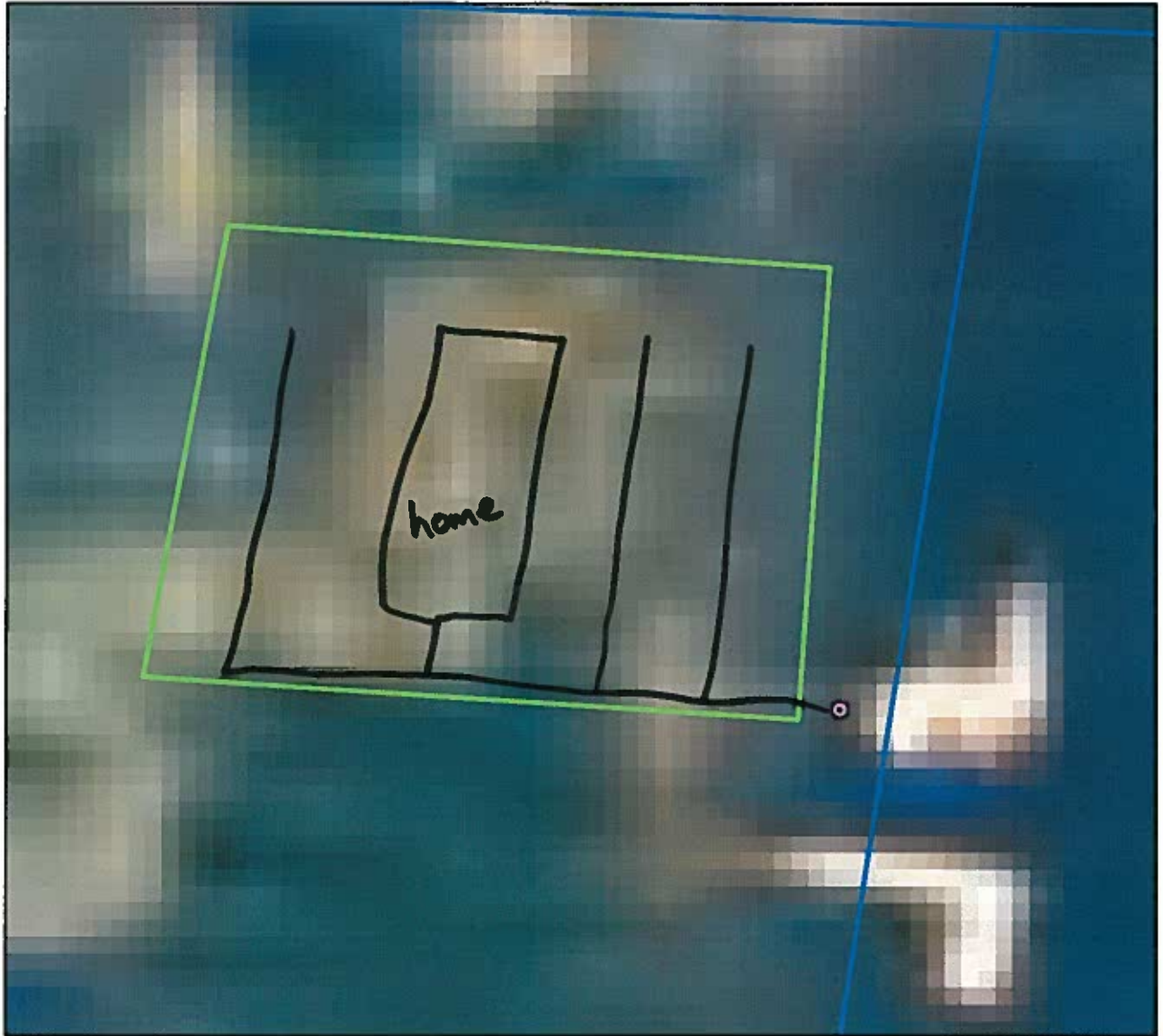
Field Examiner's Name [Signature] Date 9-4-08

Reviewer [Signature] Date 9/4/8

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PLACE OF USE 1.JPG



PLACE OF USE 2.JPG



PLACE OF USE 3.JPG



PLACE OF USE 4.JPG



POINT OF DIVERSION.JPG

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