

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9507

Exam Date: 11/24/2008

1. Current Owner: HAUSER RIDGE ESTATES UPPER WATER ASSOCIATION INC
15290 N MOBBS RD
HAUSER ID 83854
(208)773-0314
2. Accompanied by: Arne Espedal
Phone No: SAME
Address: SAME
Relationship to Permit Holder: PRES

3. SOURCETRIBUTARY

GROUND WATER

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:

GROUND WATER

L3 NE1/4NW1/4

Sec. 1, Twp 51N, Rge 06W, B.M.

KOOTENAI County

Method of Determination: MAP AND GPS W 117°02'11.2 N 47°48'11.8

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
51N	06W	1					X			X									
							L3												

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	
51N	06W	1					2.0			.5									2.5
							L3												

Total Acres: 2.5

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.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
DACS4665	Franklin	2	u/k	Franklin	u/k

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

PUMP EQUATIONS WATER RIGHT No. 95-9507						
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/H	2	102.5170068	0.75	10	40
Q =	0.129 cfs		57.9 gpm			

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

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2.5 \text{ ac} \times 3 = 7.5 \text{ AF}$$

$$V_{O.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.08 \text{ cfs} \times 246 \times 1.9835 = 39 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{O.R.} = 7.5 \text{ AF}$$

2. Volume Calculations for Other Uses:

$$\text{Domestic Share} \times 0.6 \text{ AF} = 3 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS : Five homes with 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	0.110 CFS	3.00 AF
IRRIGATION	03/15 to 11/15	0.080 CFS	7.50 AF
<u>Totals:</u>		0.130 CFS	10.50 AF

2. Recommended Amendments

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

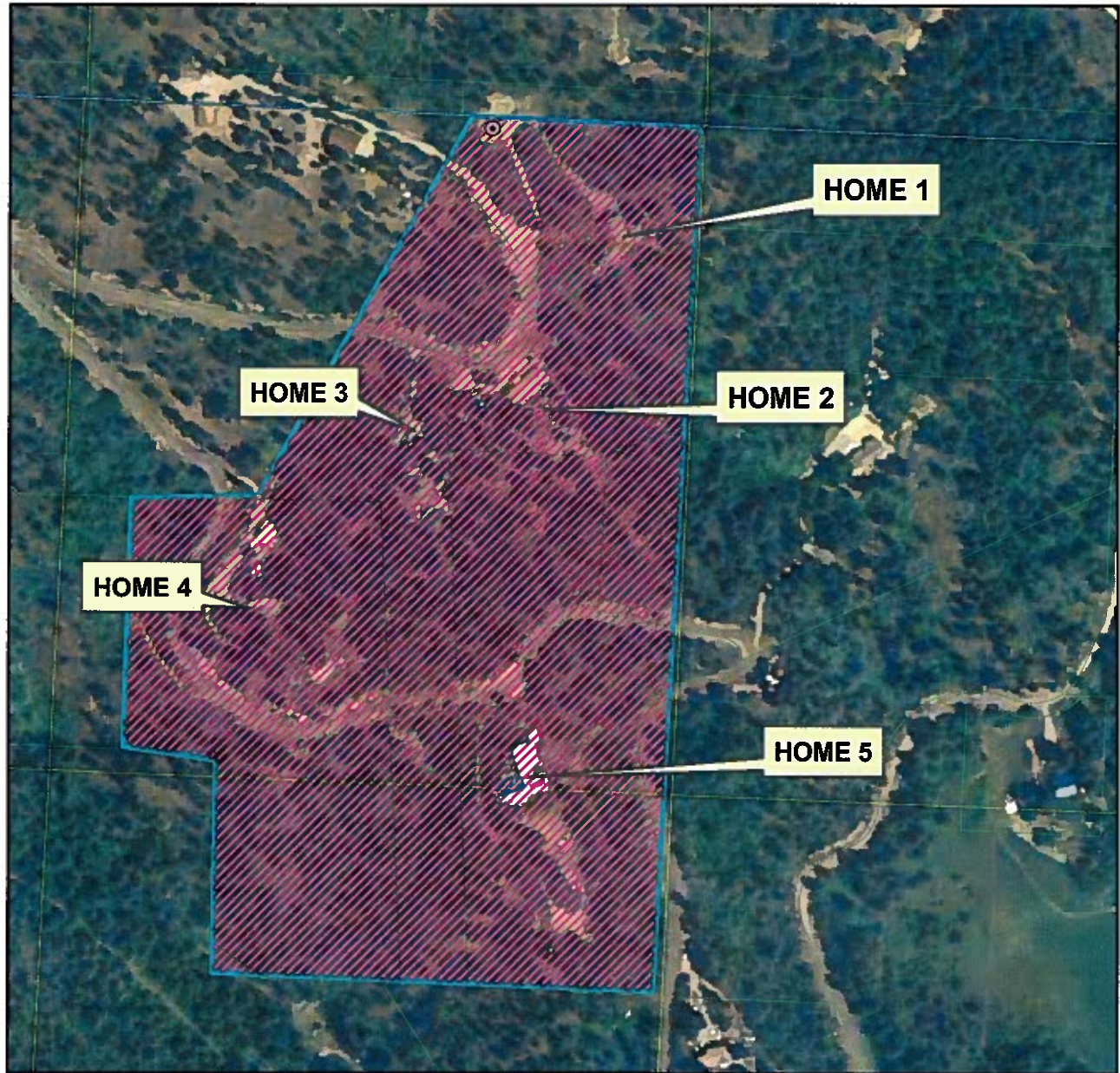
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name *Eric R. [Signature]* Date 11-25-2008

Reviewer *[Signature]* Date 12/3/8

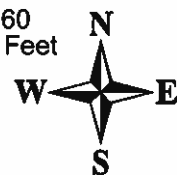
95-9507



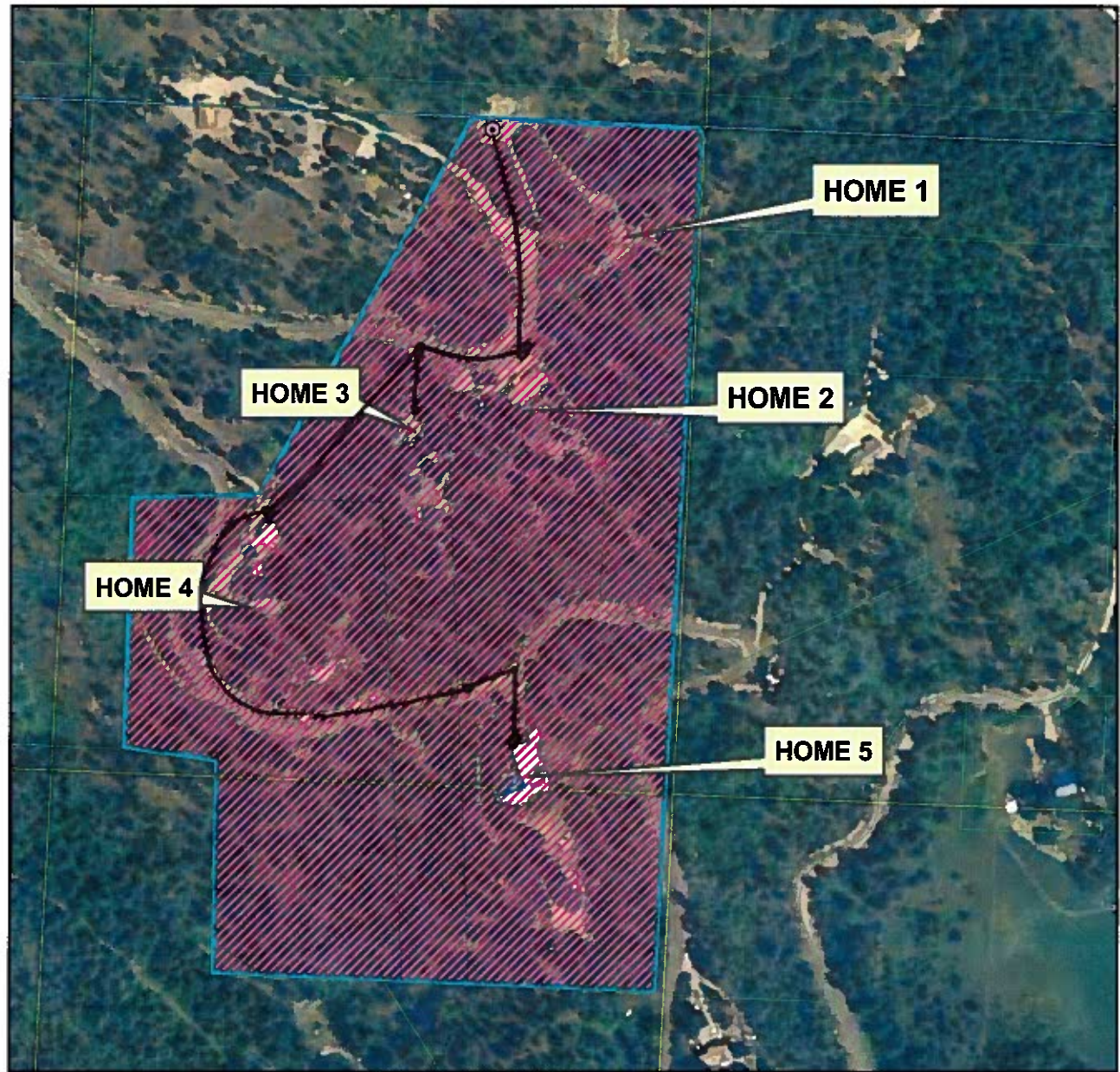
Legend

- ⊙ Right POD
-  Right POU

0 145 290 580 870 1,160 Feet



SYSTEM



Legend



PLACE OF USE 1.JPG



PLACE OF USE 2.JPG



PLACE OF USE 3.JPG



PLACE OF USE 4.JPG



PLACE OF USE 5.JPG



POINT OF DIVERSION.JPG



PUMP INFORMATION.JPG



WELL TAG.JPG

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Franklin Electric
Bluffton, Indiana 48714

155681101 REV. 8

MOTOR AND CONTROL BY

Franklin Electric

BLUFFTON, INDIANA



MODEL 2823018310 H.P. 2

VOLT 230

HZ 60 PH 1

R.P.M. 3450 AMP 10.0 S.F. 1.25

S.F. MAX. AMP. 13.2 CODE G

CONT. DUTY

DATE 6/94

PUSH TO  RESET

ACCEPTABLE FOR OUTDOOR USE

U.S. PAT. NO'S. 2,606,988 3,061,384 3,159,782
3,404,383 3,777,194 3,849,704 OTHERS PENDING
CAN. PAT. NO'S. 842,055 896,917 843,353

151575101 REV 12

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INDIANA DEPARTMENT
OF
WATER RESOURCES
00054665
DRILLING PERMIT I.D. TAG
DO NOT REMOVE

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