

A. GENERAL INFORMATION

Exam Date: 6/11/2014

- And/Or

PAULA MCGOWEN
4889 W HANEY RD
RATHDRUM ID 83858
(208)262-1187

2. Accompanied by: JAMES MCGOWAN

- | 3. <u>SOURCE</u> | <u>TRIBUTARY</u> |
|------------------|------------------|
| GROUND WATER | |

1. Other water rights with the same place of use: NONE
2. Other water rights with the same point of diversion: NONE

1. LOCATION OF POINT(S) OF DIVERSION:

Method of Determination: GPS AND MAPS, 47° 49.656N, 116° 50.788W (A0003232)

- 2.

PLACE OF USE: DOMESTIC

[illegible]

PLACE OF USE: IRRIGATION

[illegible]

Total Acres: 4.5

PLACE OF USE: STOCKWATER

[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>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>
272367	FRANKLIN	2			

*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>
FUJI	Ultrasonic Flowmeter		S1011	7K0079TB		3/2/2014

2. Measurements: 32GPM

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 4.5\text{AC} \times 3\text{AF} = 13.5\text{AF}$$

$$V_{\text{I.R.}} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03 \times 245 \times 1.9835 = 14.6\text{AF}$$

$$V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} = 13.5\text{AF}$$

2. Volume Calculations for Other Uses: DOMESTIC 1 HOME = 0.6AF, STOCKWATER 10 MIXED STOCK = 0.2AF

G. NARRATIVE/REMARKS/COMMENTS

32GPM, 4.5AC OF IRRIGATION, STOCKWATER FOR 10 MIXED CATTLE, DOMESTIC 1 HOME. 2HP FRANKLIN PUMP. 4.5AC OF IRRIGATION FOR FIRE PROTECTION. ARC MAP VIEW WILL SHOW FORESTED AREAS OF PROPERTY, BUT IRRIGATION OCCURING. CHECK EXAM PHOTOS.

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	0.60 AF
IRRIGATION	03/15 to 11/15	0.070 CFS	13.50 AF
STOCKWATER	01/01 to 12/31	0.020 CFS	0.20 AF
<u>Totals:</u>		0.070 CFS	14.30 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. [Signature]* Date 12-24-2014

Reviewer *Adam Frederick* Date 12-24-2014

State of Idaho
Department of Water Resources
Water Right License
95-11167



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.0175 0.035 0.07 Miles





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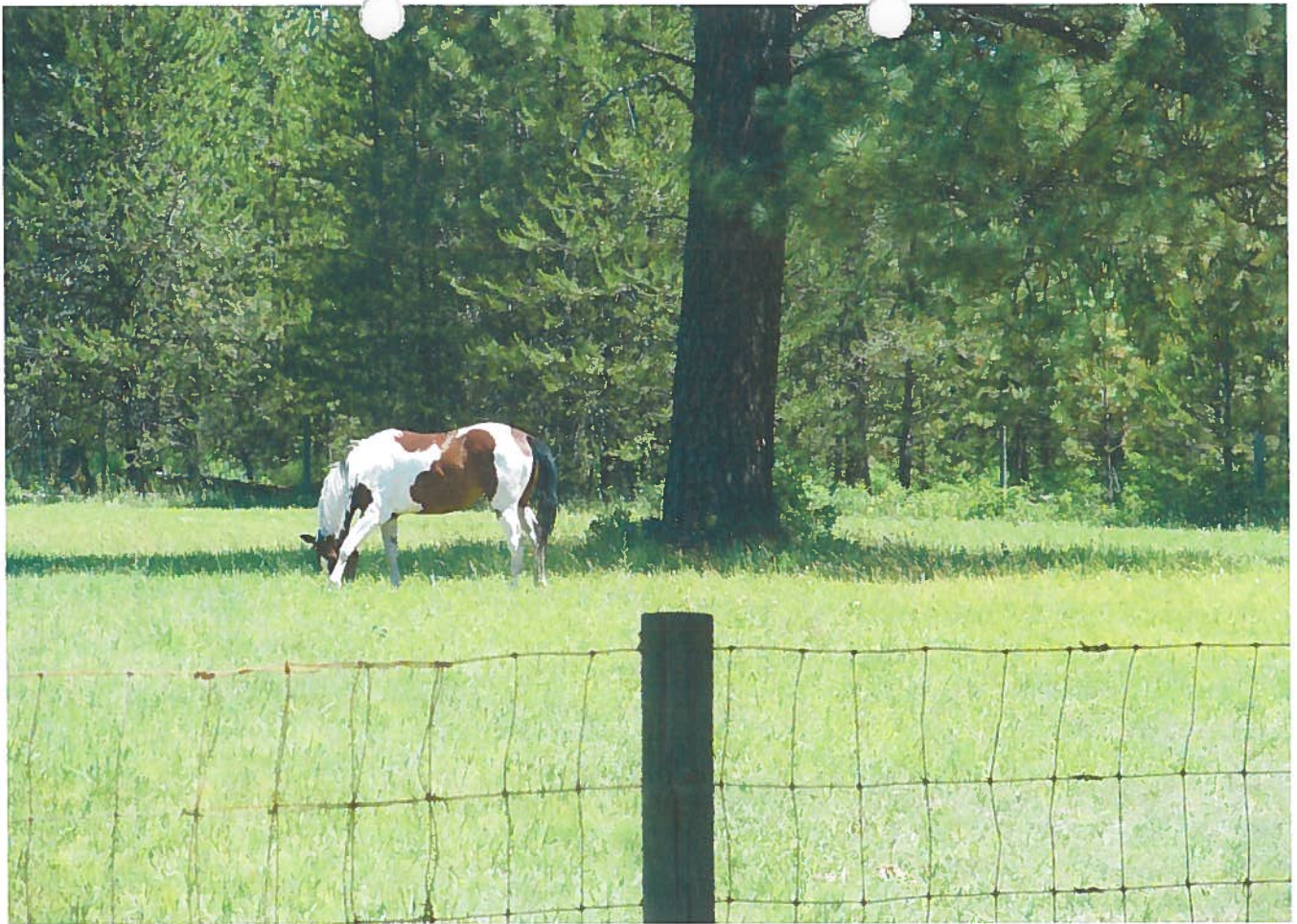
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