

[illegible]

Method of Determination: GPS and maps.

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>
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N/A

*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>
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N/A

2. Measurements:

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method: APPLICANT HAD 3 SPRINKLERS THAT EACH PRODUCED 5 GPM. 15 GPM OR 0.03 CFS. PUMP WOULD PULL WATER OUT FROM POD AT 0.04 CFS. MEASUREMENT OF DIVERISIOIN RATE COVERED UNDER IDAPA RULES 37.03.02.035.01.r.

→ Pump diverts water below gravity pod from gravity pipeline.

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

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 20 \text{ AC} \times 3 \text{ AF} = 60 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03 \times 214 \text{ DAYS} \times 1.9835 = 12.7 \text{ AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{D.R.} = 12.7 \text{ AF}$$

2. Volume Calculations for Other Uses: DOMESTIC USE FOR 1 HOME = 0.6 AF**G. NARRATIVE/REMARKS/COMMENTS**

FIELD EXAM SHOWED APPLICANT HAD GRAVITY FED SYSTEM FROM POD USING POLY PIPE TO SUPPLY 3 SPRINKLERS WITH WATER. EACH SPRINKLER RAN AROUND 5 GALLONS A MINUTE SO DIVERSION RATE FOR IRRIGATION WILL BE GIVEN AT 0.03 CFS. APPLICANT WOULD THEN MOVE SPRINKLERS AROUND TO DIFFERENT LOCATIONS COVERING ALL 20 ACRES THAT WERE FED BY VARIOUS MAIN LINES OF POLY PIPE. APPLICANT WAS IRRIGATING UNDER BRUSH OF FOREST IN FEAR OF FOREST FIRE AND TRYING TO GREEN THINGS UP TO SLOW FIRE. APPLICANT WAS UNABLE TO BUILD HOME, HOWEVER APPLICANT USED PAD FOR HOME TO PUT RV AND PULLED WATER FROM POD USING SMALL PUMP TO FILL TANK IN BACK OF PICKUP. LICENSE WILL BE GIVEN FOR DOMESTIC USE BECUASE APPLICANT WAS ACTIVELY USING WATER RV/HOME SITE. IRRIGATION WILL BE GIVEN ANNUAL VOLUME OF 12.7 AF AND DOMESTIC WILL BE GIVEN 0.6 AF.

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	04/01 to 10/31	0.030 CFS	12.70 AF
DOMESTIC	01/01 to 12/31	0.040 CFS	0.60 AF
<u>Totals:</u>		0.040 CFS	13.30 AF

2. Recommended Amendments

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

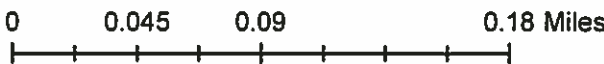
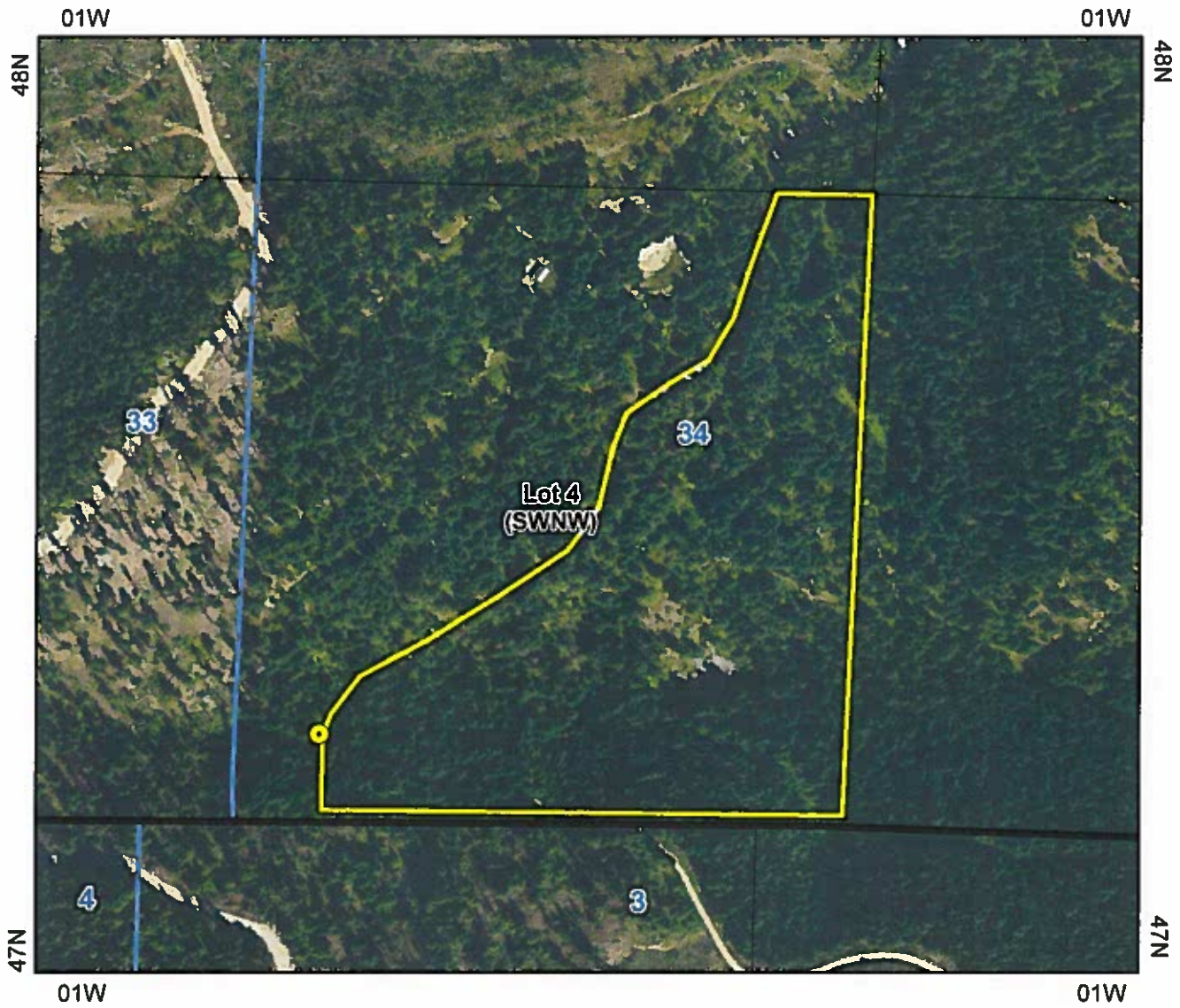
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Adam Friedman Date 12-11-2015

Reviewer Keith C. Frankel Date 12/14/2015

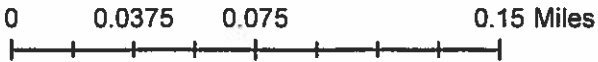
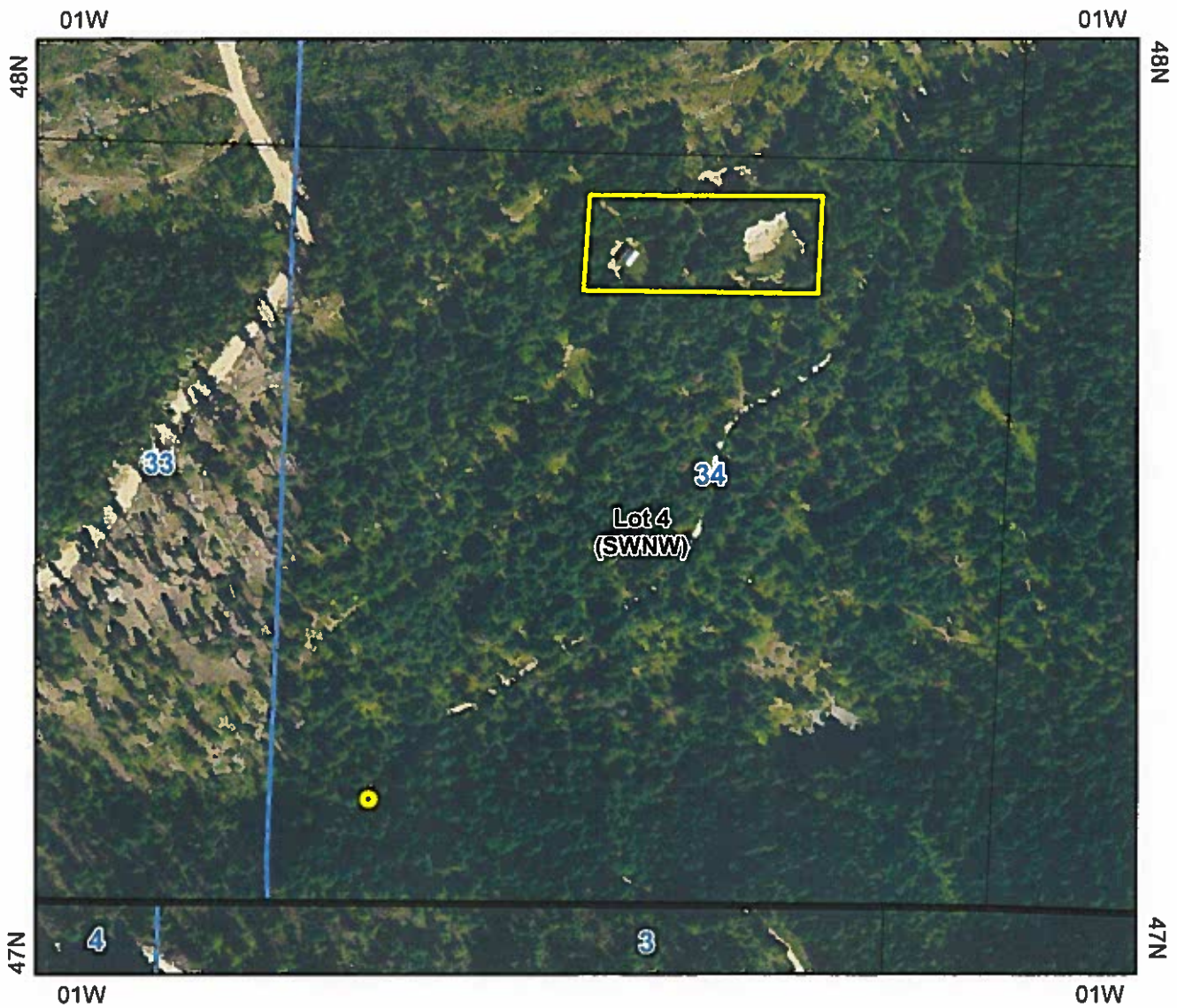
State of Idaho
Department of Water Resources
Water Right License
94-7719



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

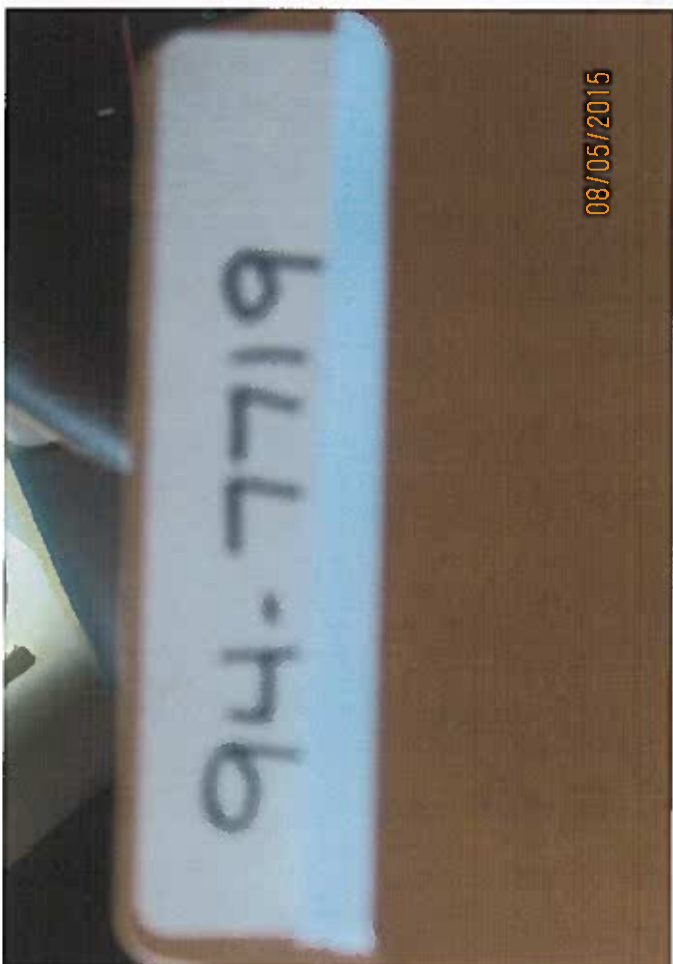


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-  Point of Diversion
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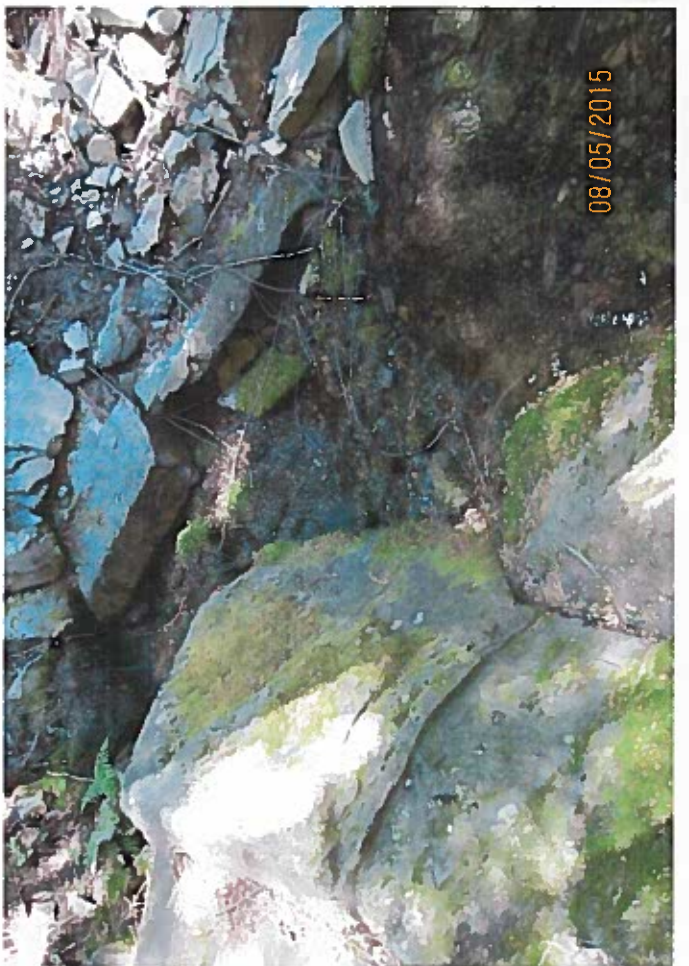




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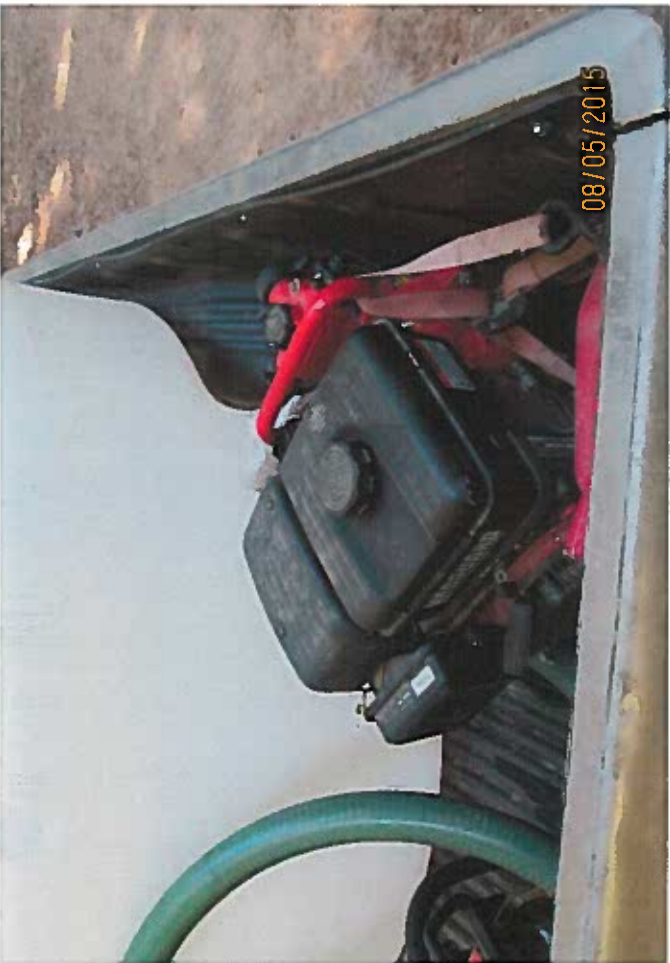
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