

Page 1

[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>
	GRUNFOS	1			

*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>
5 GALLON BUCKET TEST						
2. Measurements: 5 GALLON BUCKET FILLED IN 15 SECONDS. 5 GAL / 15 SEC X 60 SECONDS = 20 GPM OR 0.04 CFS						

E. FLOW CALCULATIONS

Measured Method:

☐ Additional Computation Sheets Attached

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

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.7 \text{ AC} \times 3 \text{ AF} = 2.1 \text{ AF}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03 \text{ CFS} \times 231 \times 1.9835 = 13.7 \text{ AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 2.1 \text{ AF}$$

2. Volume Calculations for Other Uses: AESTHETIC IS 10 GPD OF MAKE UP WATER X 183 DAYS OF USE = 1,830 GPY / 325,850 GAL/AF = 0.006 AF. LICENSE WILL BE ISSUED FOR 0.1 AF BECAUSE SYSTEM DOES NOT ALLOW FOR ANYTHING BELOW A TENTH OF AN ACRE FOOT.

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM SHOWED 1 HP PUMP IN RIVER TO DIVERT WATER FOR IRRIGATION OF 0.7 ACRES AND THE USE OF WATER FOR A FOUNTAIN. 5 GALLON BUCKET TEST SHOWED DIVERSION RATE OF 0.04 CFS. APPLICANT SAID THE FOUNTAIN USED ABOUT 10 GALLONS OF WATER PER DAY FOR MAKE UP WATER. AESTHETIC WILL BE GIVEN ANNUAL VOLUME OF 0.1 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	03/15 to 10/31	0.030 CFS	2.10 AF
AESTHETIC	01/01 to 12/31	0.030 CFS	0.10 AF
<u>Totals:</u>		0.040 CFS	2.20 AF

2. Recommended Amendments

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

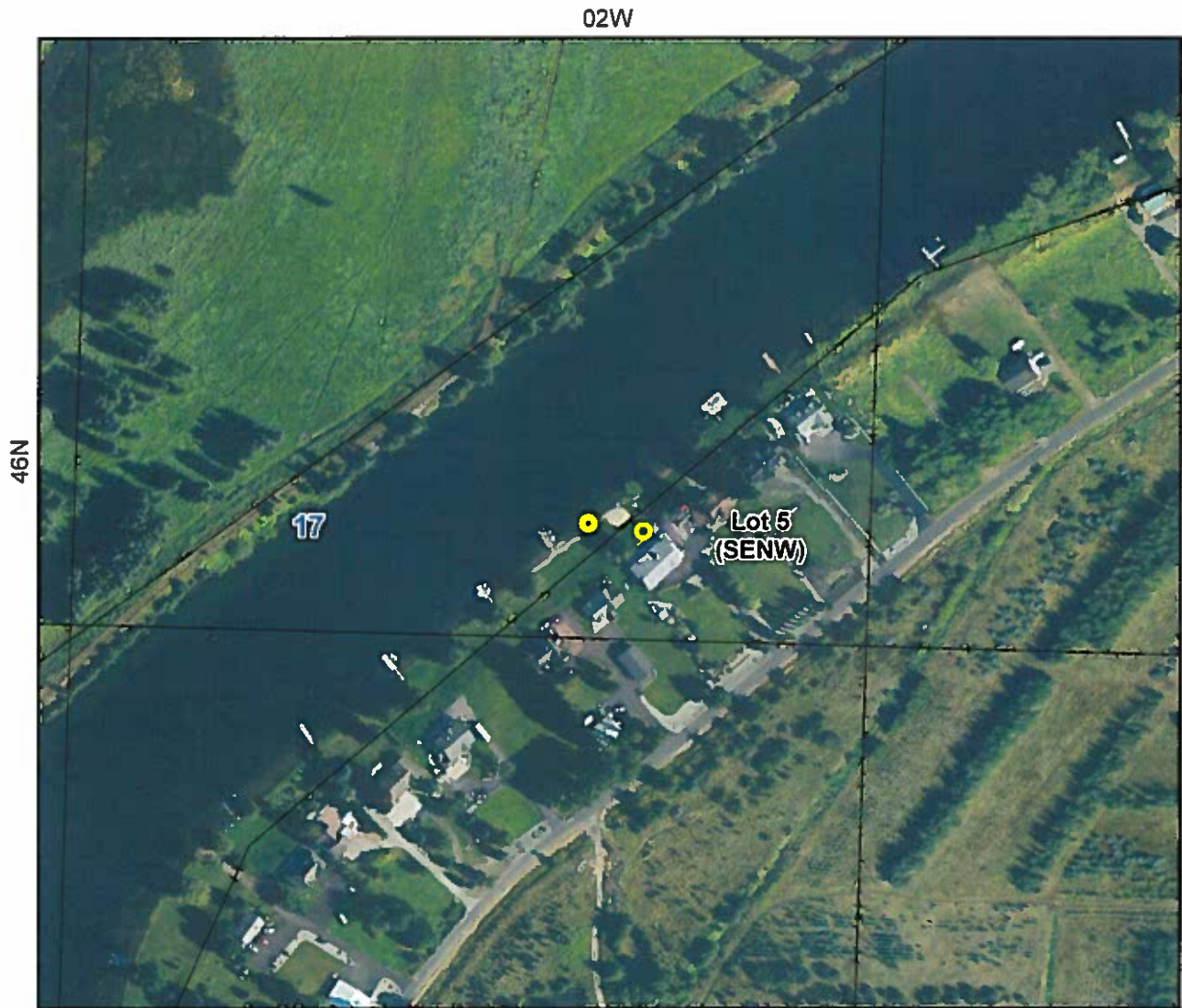
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name John F. Fendall Date 12-23-2015

Reviewer [Signature] Date 12-23-2015

State of Idaho
Department of Water Resources
Water Right License
91-7432
Aesthetic

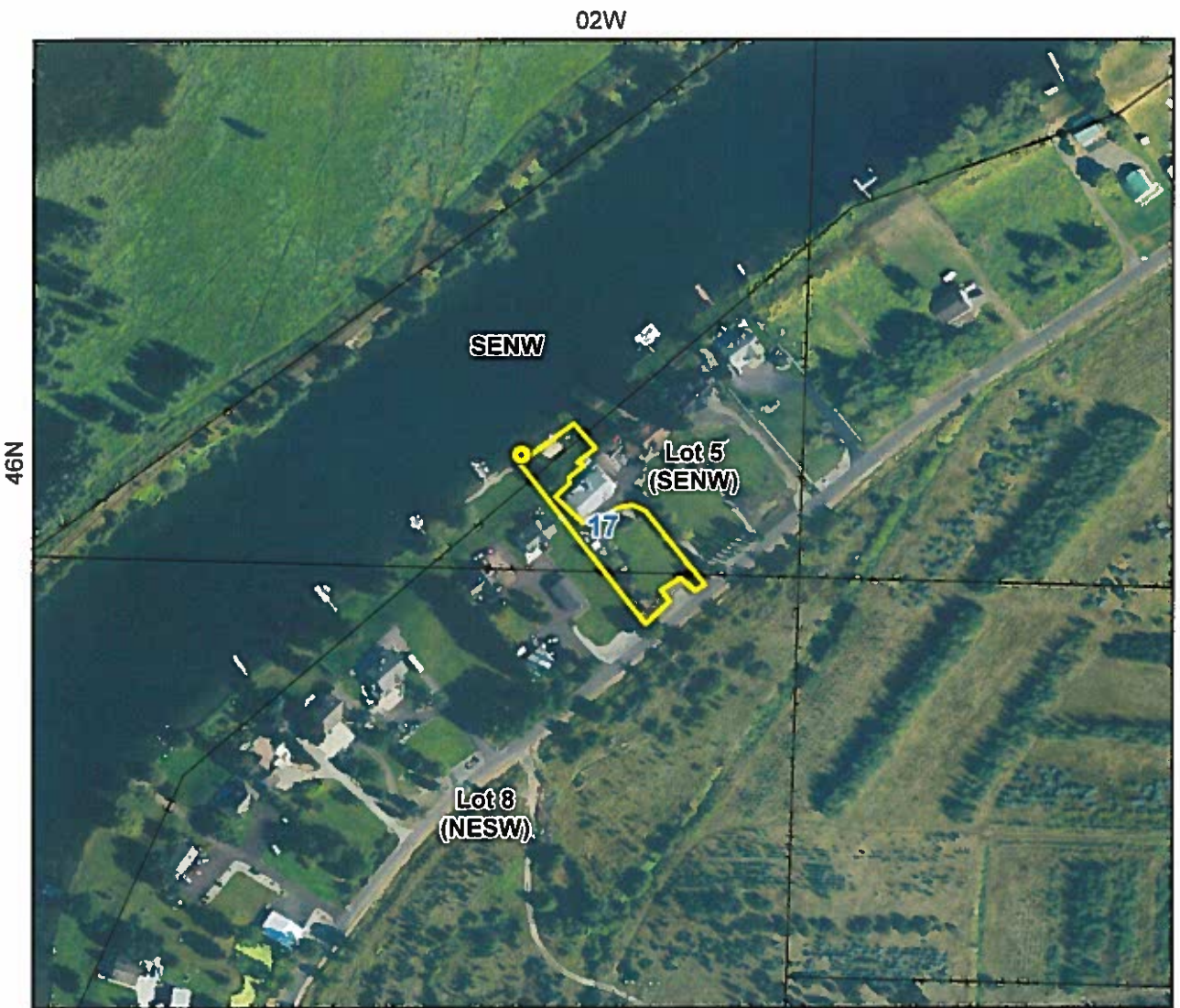


-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections

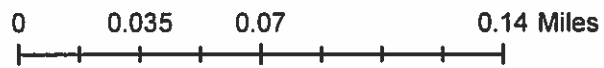
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State of Idaho
Department of Water Resources
Water Right License
91-7432
Irrigation

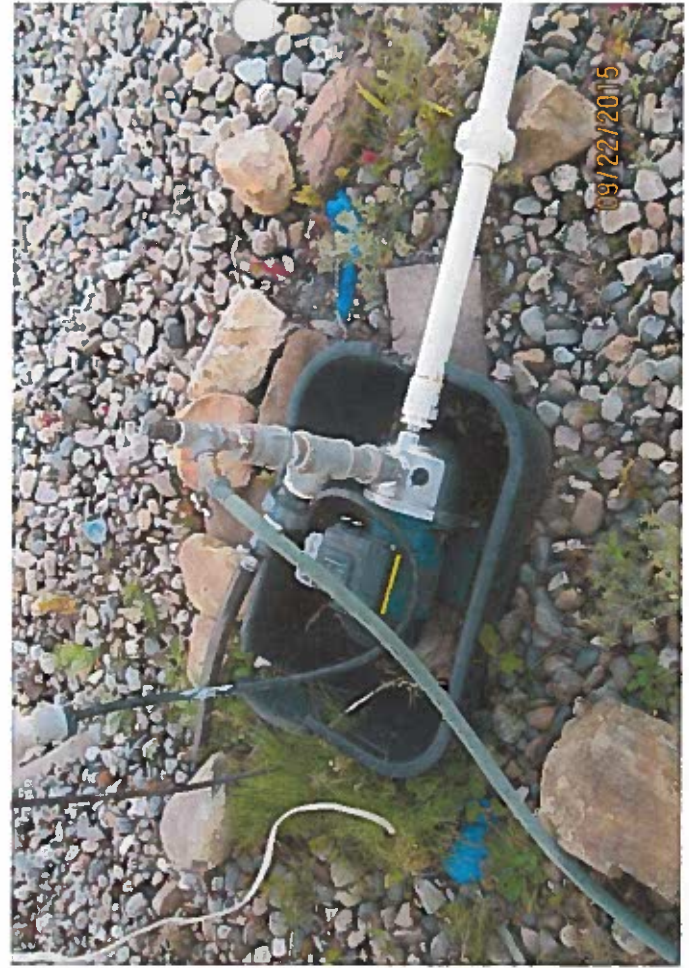
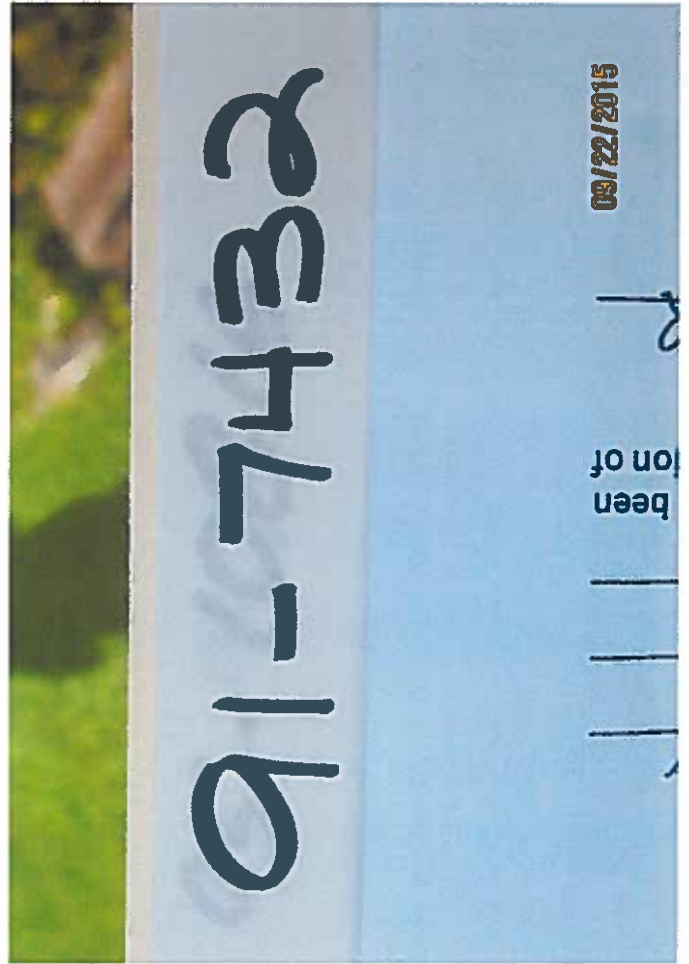


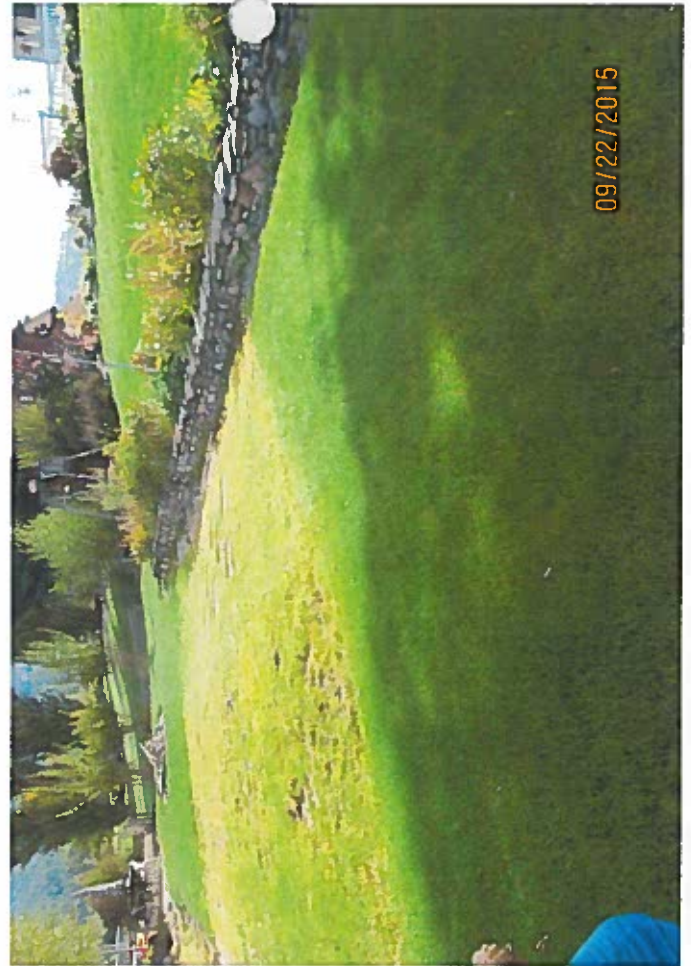
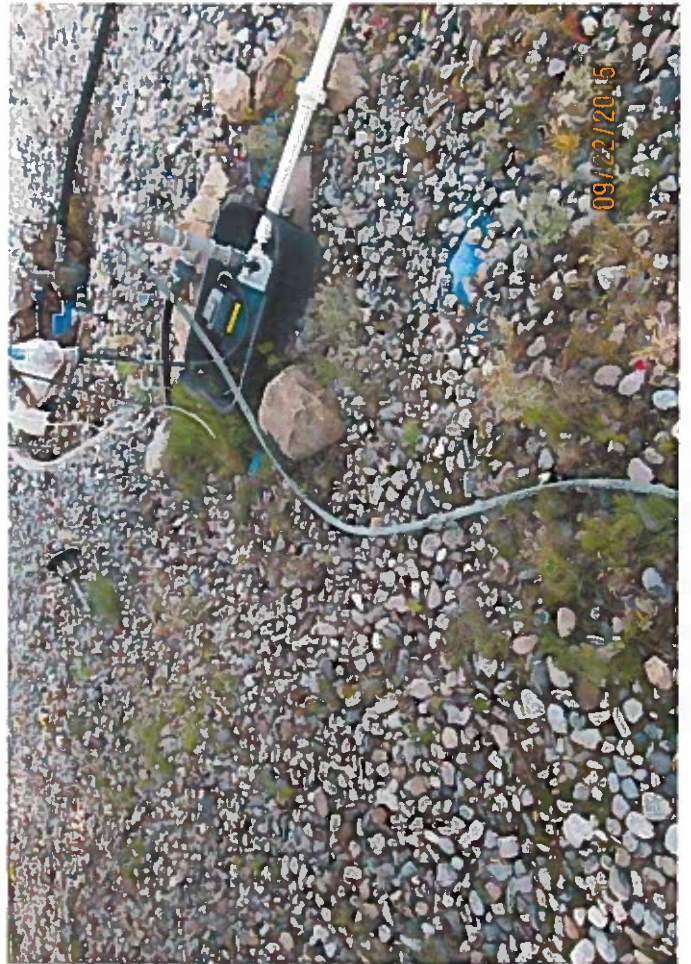
- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections





91-7432





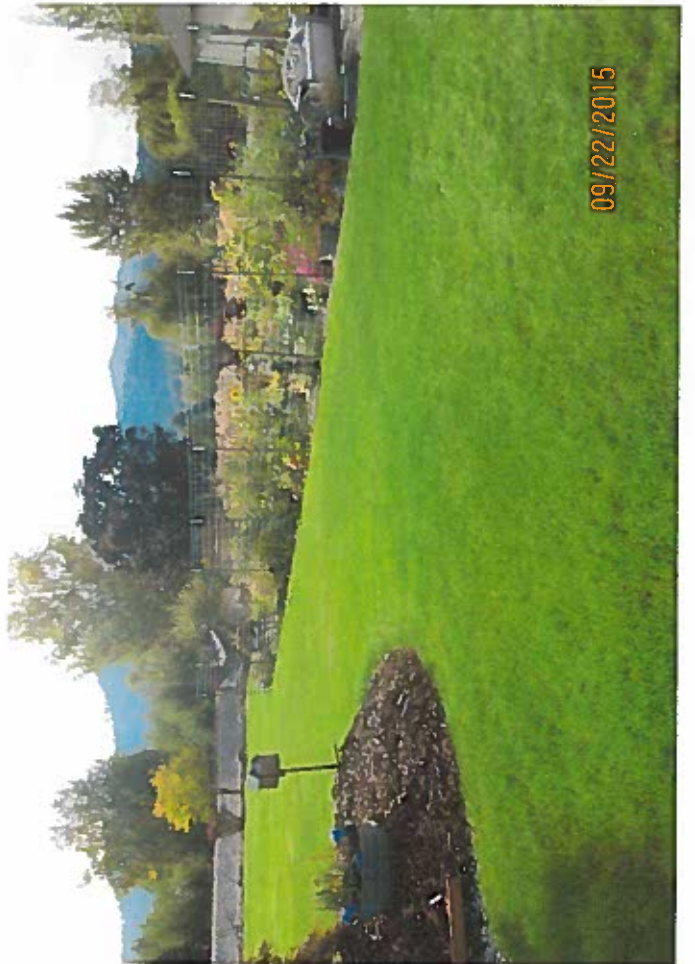
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