

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7374

Exam Date: 9/1/2015

1. Current Owner: MAURINE CORBRIDGE
And/Or
DAVID CORBRIDGE
1710 N 100 W
MALAD ID 83252
(208) 709 0681

2. Accompanied by: Maurine Corbridge
Phone No:
Address:
Relationship to Permit Holder:

3. SOURCE TRIBUTARY
GROUND WATER

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:**

GROUND WATER NE1/4NE1/4 Sec. 16, Twp 14S, Rge 36E, B.M.
ONEIDA County

Method of Determination: GPS

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
14S	36E	16	X																

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
14S	36E	16	5.7																5.7

Total Acres: 5.7

Method of Determination: Aerial Photography

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>
House well	Submersible				

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>
N/A						

2. Measurements: Unable to measure system with flowmeter. Entire water line is submerged.

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method: Theoretical

System at maximum capacity runs 5 sprinkler heads at 5/32 inch nozzles at 40 psi.

$$4.61 \text{ gpm/sprinkler head} \times 5 = 23.1 \text{ gpm or } .05 \text{ cfs.}$$

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

$$V_{I.R.} = 5.7 \text{ (Acres Irrigated)} \times 3.5 \text{ (Irrigation Requirement)} = 20.0 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate } (.05 \text{ cfs})] \times 214 \text{ (Days in Irrigation season)} \times 1.9835 = 21.2 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 20.0 \text{ AF}$$

2. Volume Calculations for Other Uses: Domestic in house = 0.6 AF**G. NARRATIVE/REMARKS/COMMENTS**

System consist of a small house well. The system can either run 5 sprinkler heads or an irrigation drip system. Permit was for 10 acres and 5.7 acres were developed. Ariel photography on the Beneficial Use Field Report are slightly offset from the Township and Range lines. POU does not extend north of Sec 16.

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	04/01 to 10/31	0.050 CFS	20.00 AF
<u>Totals:</u>		0.050 CFS	20.60 AF

2. Recommended Amendments

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

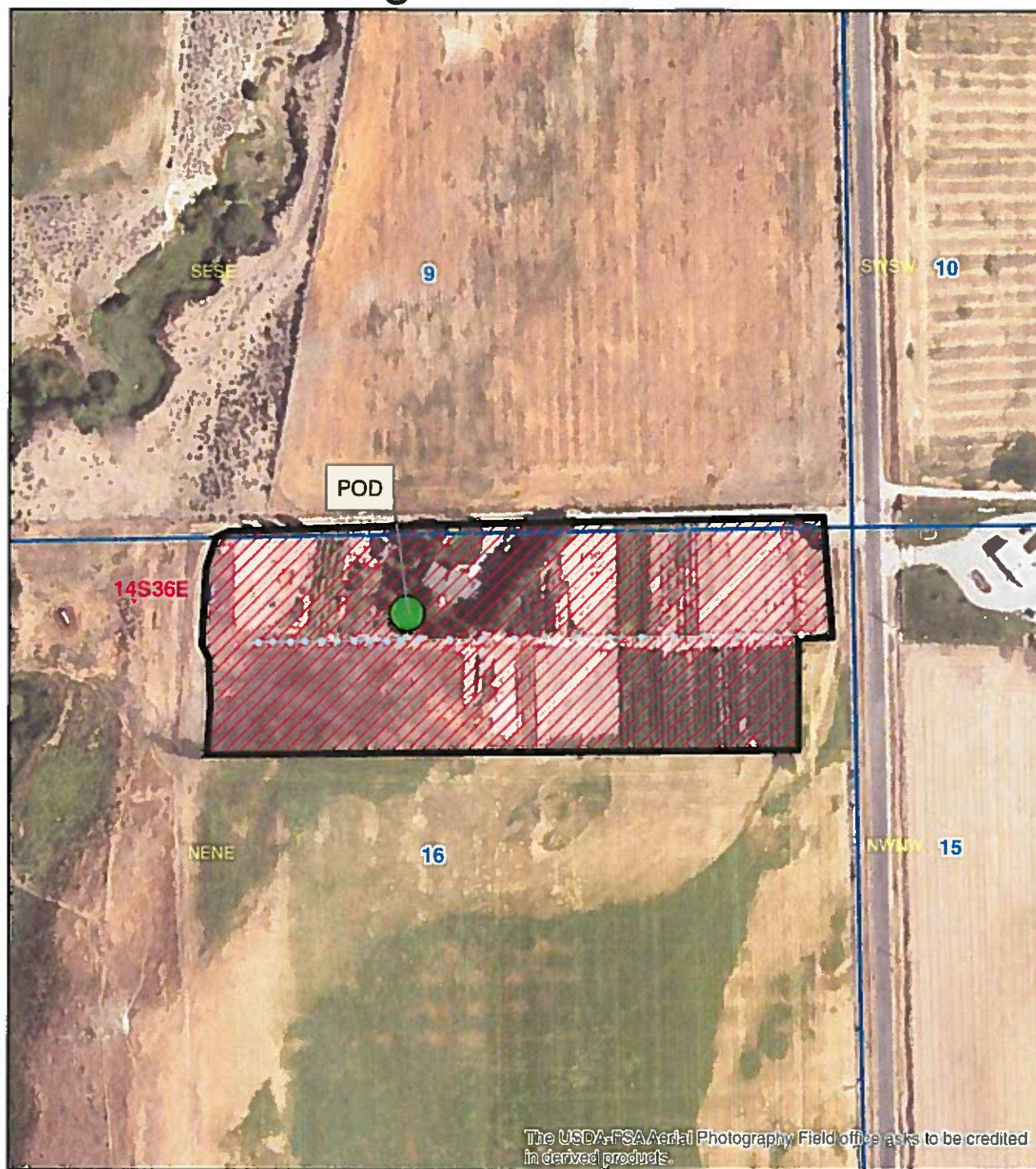
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Scott Bergendorf Date 12-24-2015

Reviewer _____ Date _____

Water Right License 15-7374



WaterLines

15-7374

Township/Range

Sections

QQ

0 125 250 500 Feet

Oneyda County
IDWR Basin 15

Idaho Department of Water Resources

Prepared by Scott Bergendorf
2013 Aerial photography





