

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7247

Exam Date: 6/10/2014

1. Current Owner: AUSTIN TUBBS
5830 W 2500 N
MALAD CITY ID 83252
2. Accompanied by: N/A
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: 15-7033, 4.5 surface water shares. → *St. John Irrigating Company*
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

NW1/4NE1/4

Sec. 18, Twp 14S, Rge 36E, B.M.

ONEIDA County

Method of Determination: GPS, Aerial Photography.

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
14S	36E	18		27.0	8.0		20.0			11.0									66.0

Total Acres: 66

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>
D0036085		50		Submersible	

*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>
Flowmeter	Ultrasonic	FUJI	Portaflow	00F1099T		2014

2. Measurements:

Flowmeter attached to pipe which open discharges to ditch.

A ten minute flowmeter reading was performed. Maximum instantaneous flow rate was 314 gpm or 0.7 cfs.

E. FLOW CALCULATIONS

Attached

☐ N/A Additional Computation Sheets

Measured Method: Instantaneous maximum measure with flowmeter.

=0.70 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = 66 \text{ (Acres Irrigated)} \times 3.5 \text{ (Irrigation Requirement)} = 231 \text{ AF}$$

$$V_{D.R.} = .70 \text{ [Diversion Rate (cfs)]} \times 214 \text{ (Days in Irrigation season)} \times 1.9835 = 297.1 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 231 \text{ AF}$$

2. Volume Calculations for Other Uses: None

G. NARRATIVE/REMARKS/COMMENTS

System runs off of a 50HP submersible pump. At the time of measurement, the pump was open discharge to a ditch which distributes water by flood irrigation. Permit was for 90 acres of which 66 acres are irrigated.

The POU for WR 15-7247 overlaps WR 15-7033. This water right collected water to an unnamed drain and delivered it to POU. Austin Tubbs, the current owner, has never used nor heard of this right. It has never been used during the time he has been the owner of the property. Therefore, it is likely forfeited and was not combined with WR 15-7247 during licensing.

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	0.70 CFS	231 AF
<u>Totals:</u>		.70 CFS	

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 James B. Galt Date 11/20/14
Reviewer James Cefalo Date 11/21/14



