

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7225

Exam Date: 8/17/2012

1. Current Owner: ROBERT WARREN
217 E LARSEN LN
OGDEN UT 84404
(801)782-9101

Or

WANDA WARREN
217 E LARSEN LN
OGDEN UT 84404
(801)782-0101

2. Accompanied by:

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

L3 NE1/4NW1/4

Sec. 3, Twp 15S, Rge 35E, 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>	
15S	35E	3					30.0												30.0
							L 3												

Total Acres: 30

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 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 Size</u>
--------------------------------------	-------------------	-----------	-------------------------	------------------	--

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
Flow Meter	FSC	Fuji	S10A1-00Y	A0L5537T		5/30/2012

2. Measurements:

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method:

Flowmeter reading was approximately 193.0 gpm or 0.43 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = 30.0 = (\text{Acres Irrigated}) \times 3.5 (\text{Irrigation Requirement}) = 105.0 \text{ acre-feet}$$

$$V_{D.R.} = 0.43 [\text{Diversion Rate (cfs)}] \times 214.0 (\text{Days in Irrigation season}) \times 1.9835 = 182.5 \text{ acre-feet}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 105.0 \text{ acre-feet}$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

Irrigation system consists of a submersed pump to a buried mainline which feeds one wheel line. Irrigation system shut down in the middle of flow measurement. The maximum instantaneous rate of diversion observed prior to irrigation system shutting down was approximately 193.0 gpm or 0.43 cfs.

The water right holders were not present at the time of the exam. However, prior to the field visit, the right holders were contacted. The right holders indicated that the irrigation system would be running and could be measured.

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	0.43 CFS	105.0
<u>Totals:</u>		0.43 CFS	105.0

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

Date

Reviewer

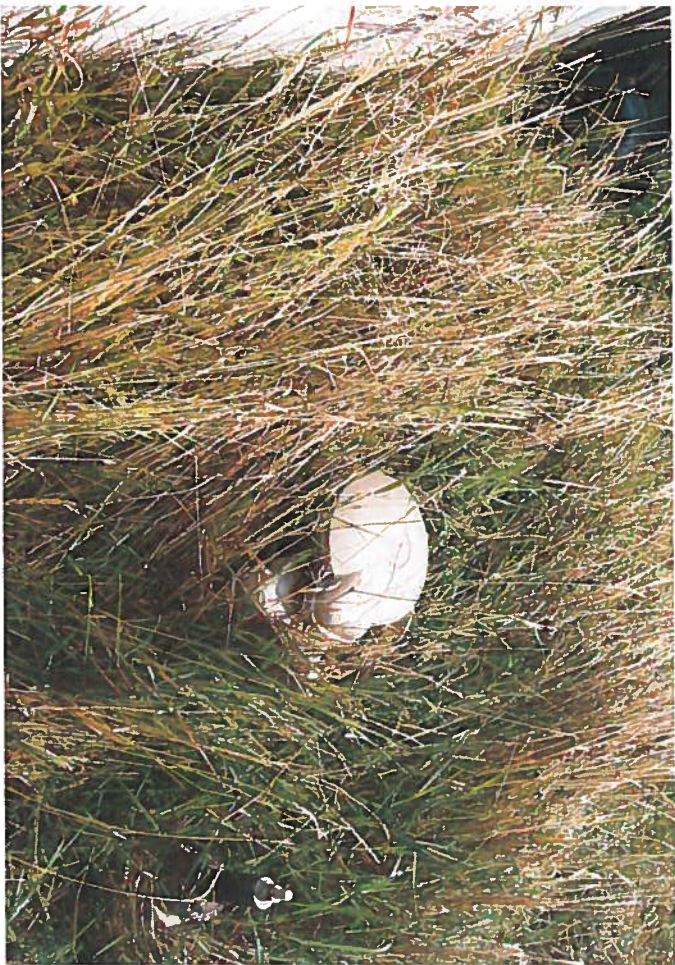
Date



8/17/2012

James Cefato

9/10/2012



Beneficial Use Exam 15-7225

