

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7106

Exam Date: 08-16-2012

1. Current Owner: TED D MAC FARLANE
PO BOX 159
RIVERSIDE UT 84334
2. Accompanied by: Kirk MacFarlane
Phone No: (435)230-1095 or (435)257-5133
Address: 997 N. 100 W., Tremonton, UT 84337
Relationship to Permit Holder: Son (permit holder is deceased)

3. SOURCE

SPRING

TRIBUTARY

DEEP CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: 15-7116, 15-7169

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

SPRING NW1/4NE1/4NE1/4 Sec. 10, Twp 14S, Rge 36E, B.M.
ONEIDA County

Method of Determination: Map

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	3																X	

Method of Determination: Map

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>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u>
<u>ID No.*</u>					<u>Size</u>

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
<u>Equipment</u>						

2. Measurements: No measurement made. De minimus rate of diversion.

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method: De minimus flow.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: NA

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

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

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

2. Volume Calculations for Other Uses:

2 homes at 0.6 AF/home = 1.2 AF

G. NARRATIVE/REMARKS/COMMENTS

The original owner of the WR, Ted MacFarlane, is deceased, and his son, Kirk MacFarlane, supplied information for the exam. Originally, water flowed by gravity from the springs to a plastic surface holding tank, about 800 gallons in capacity. It was then pumped uphill to another plastic tank, and flowed from there downhill, via gravity, to the houses.

Since then, a power company has installed a large power pole near the spring, which has reduced the springflow to such an extent that not enough water flows to supply the homes. The tanks and many of the lines have been removed, and water is hauled in for domestic use inside the homes.

According to Mr. MacFarlane, the spring never supplied enough water for irrigation, so irrigation water is furnished by a surface water source. Therefore, the irrigation portion of this permit should not be licensed.

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	0.060 CFS	1.2 AF
<u>Totals:</u>		0.060 CFS	1.20AF

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 Bitzenburg

Date 08-16-2012

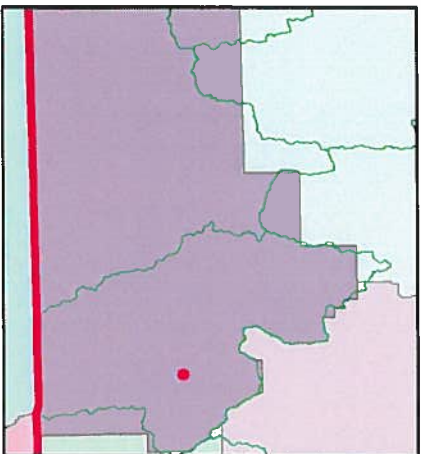
Reviewer James CefaloDate Oct 31, 2012



Idaho Department of Water Resources

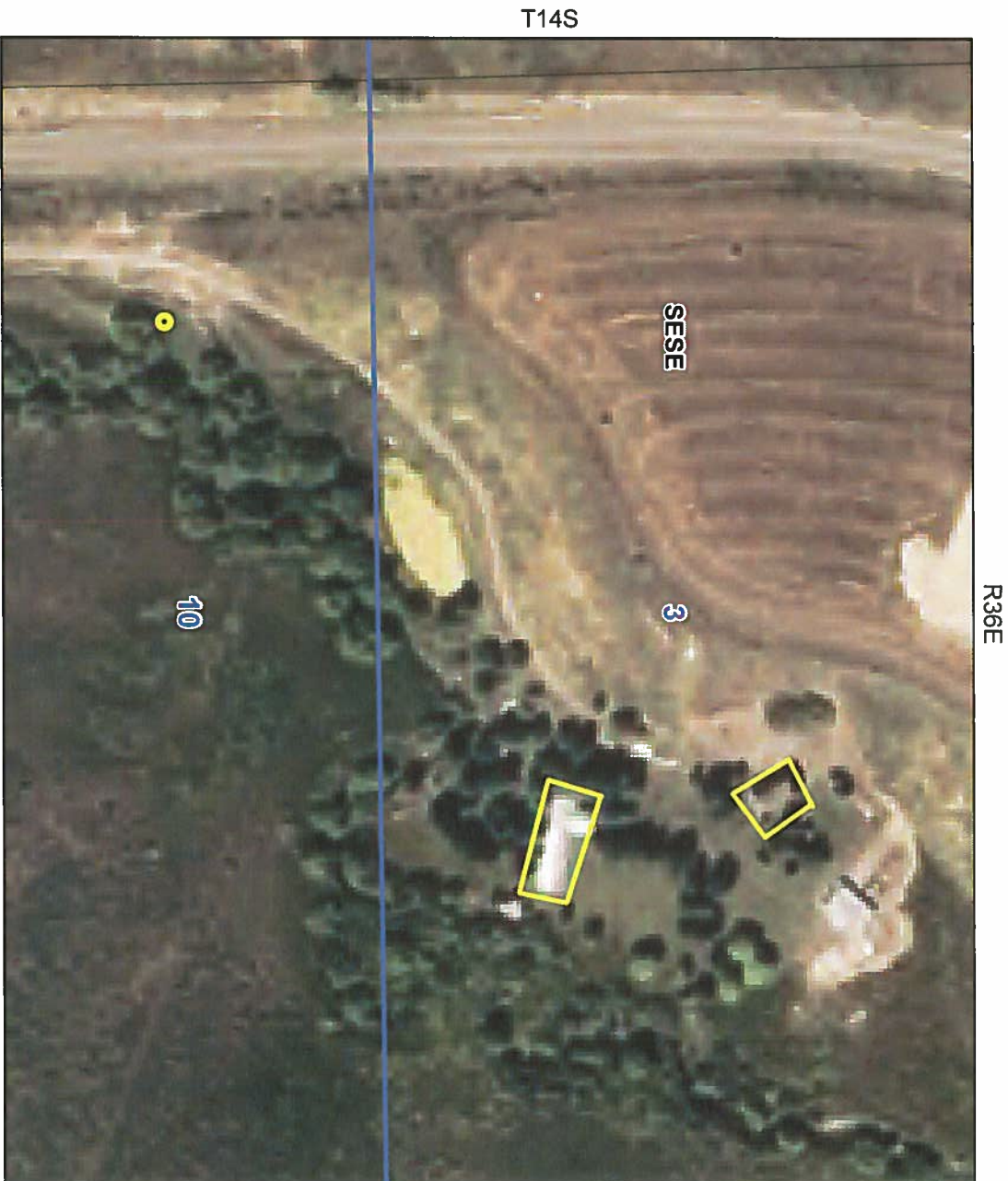
Water Right
15-7106
(DOMESTIC)

- Point of Diversion
- Place of Use
- State Outline
- Townships
- PLS Sections
- Quarter Quarters



Oneida County
IDWR Basin 15

Prepared by Bitzenburg, James
On October 19, 2012
2009 Aerial Photography



Owner: Ted D Mac Farlane
NOTE: Only one owner is listed. There may or may not be more than this in the IDWR database.



POD - underground



One of the two homes



One of two homes