

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 13-7811

Exam Date: 9/28/2012

1. Current Owner: RYAN NELSON
2289 W 2800 S
WESTON ID 83286
(208) 747-3577

And

JOLENE NELSON
2289 W 2800 S
WESTON ID 83286
(208) 747-3577

2. Accompanied by: N/A

3. SOURCE
SPRING

TRIBUTARY
BEAR RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: No overlapping domestic rights at POU.
2. Other water rights with the same point of diversion: Neighboring house to the east shares the same spring (and collection box), but does not have a recorded water right.

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

SPRING NW1/4NW1/4SW1/4 Sec. 8, Twp 16S, Rge 39E, B.M. FRANKLIN 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
16S	39E	8											X						

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

D. FLOW MEASUREMENTS

1. Measurements: No measurement taken.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method:

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

Standard domestic volume used.

In-house use only = 0.6 acre-feet per year

G. NARRATIVE/REMARKS/COMMENTS

Spring developed. Water is pumped up a steep hill to provide water to two homes. This water right only covers the use at one home, located at 2289 West 2800 South. At the time of the exam, a small amount of lawn and garden irrigation was occurring at the home, even though the permit limited use to in-house use only. Spring box was in poor repair. The concrete was crumbling.

Have conditions of permit approval been met? ☒ Yes ☐ No

But, irrigation of lawn and garden should not continue.

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
<u>Totals:</u>		0.040 CFS	0.60 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

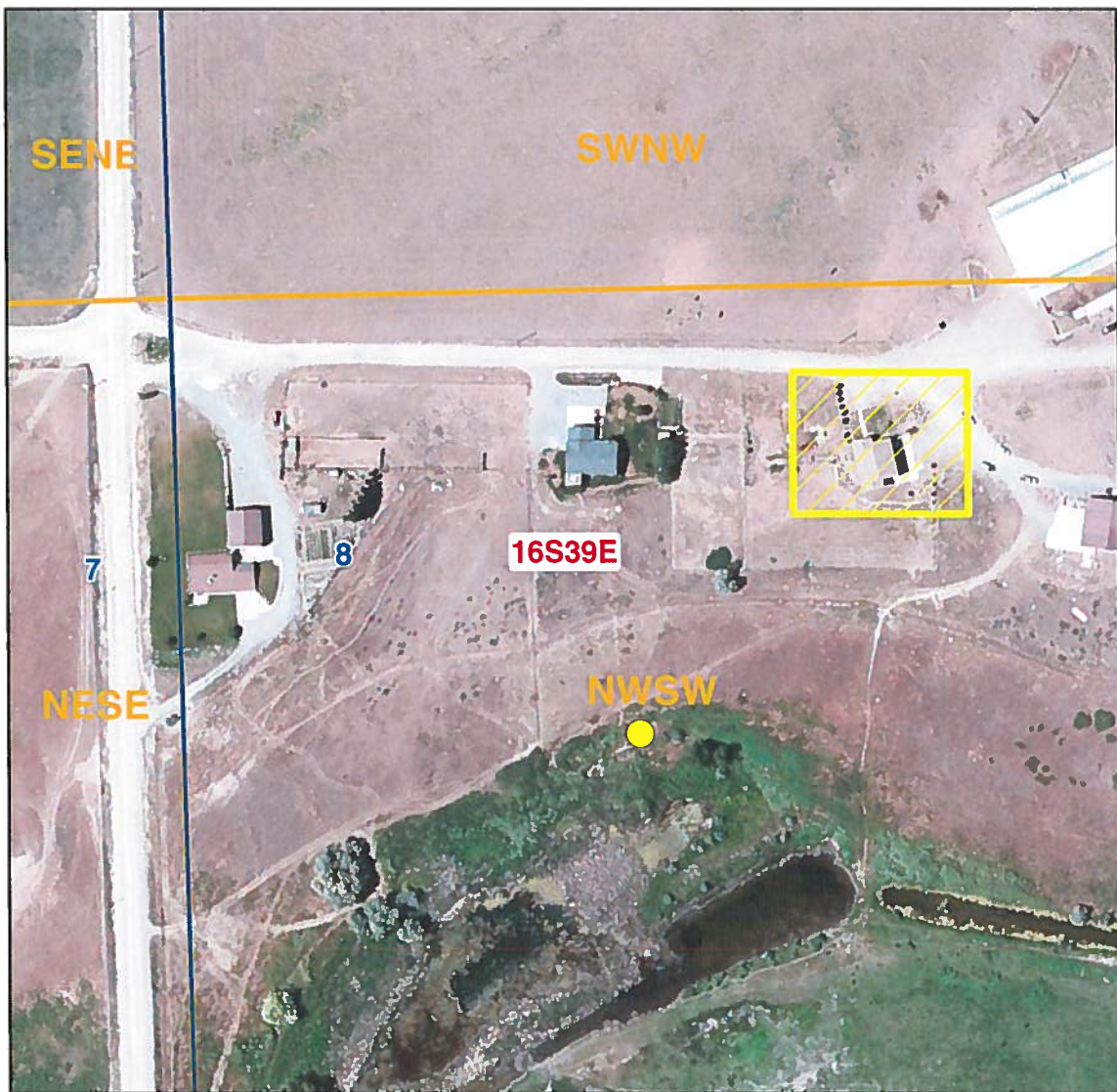
Field Examiner's Name James Cefalo Date Oct 1, 2012

Reviewer _____ Date _____





13-7811 (Nelson)



Legend

-  Water Right POD
-  Water Right POU
-  Township/Range
-  Sections
-  QQ

0 250 500
Feet



2010 Aerial Photography