

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATIONPermit No: 55-13836

Exam Date: 12/30/2013

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y ___ N
- Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - Other < >

2. Current Owner: Name: Michael & Anita Johnston
- Owner of Record Correct? X Y ___ N
- Address of Record Correct? X Y ___ N
- If No: Address

3. Beneficial Use Fees have been paid: X Y ___ N Receipt No: C0

4. **SOURCE** TRIBUTARY

Spring Howl Creek

Method of Determination: Proof Report

Change in Source: Y X ___ N

B. OVERLAP REVIEW

1. Other water rights with the same place of use: No Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: There is no POU overlap.

2. Other water rights with the same point of diversion: No Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: There is no POD overlap

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Spring (gravity system)	none	SW	SW	NE	35	07S	05W	B.M.	Owyhee
								B.M.	
								B.M.	

Method of Determination: Proof Report, aerial photography, PLSS data.

Change in POD? Y X ___ N Amendment Required? Y X ___ N

2. **PLACE OF USE:** Use: Stream

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
07S	05W	35			X														
Total Acres =																			

Method of Determination:

Proof Report, PLSS, aerial photography and ArcMap area calculator.

Change in POU? ____Y ____X__N Amendment Required? ____Y ____X__N

____Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

____X_ Aerial Photo Attached (required for irrigation of 10+ acres).

____ Photo of Diversion and System Attached

4. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
NA	NA	NA	NA	NA	NA

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

D. FLOW MEASUREMENTS

1. Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: Not completed in office exam.**E. FLOW CALCULATIONS**

____Additional Computation Sheets Attached

Measured Method:

Gravity stream system. Measurements not conducted in office. Permitted for 0.02 cfs, no evidence to suggest a lesser rate.

Measurement = 0.02 cfs**Permit allowed = 0.02 cfs****License recommend for 0.02 cfs****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:

According to processing memo #22, in house use and up to 0.5 acre yard irrigation equals 1.2 af

G. PURPOSE OF USE

Irrigation ___Y___X___N # Stock _____ Domestic # of Homes ___1___

Other:

Change in Purpose of Use? ___Y___X___N

Method of Determination: Permit review, aerial photography, Proof Report, POU comparison.

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

H. NARRATIVE/REMARKS/COMMENTS

This was an in-office exam. Based on aerial photography, I was able to confirm the location of the cabin located on 5.3 acre property in Owyhee County. Taxlot data associated with the property matched the owner and address correctly on the permit and Proof Report. Diversion comes from a stream which is a gravity flow system. The diversion from the spring seems like a reasonable point of diversion on the property. Aerial photos suggest that a spring does exist on the land. PLSS data proved the location description to be correct as well.

There is no overlap in use or diversion associated with the property and permit. This was confirmed through active water right data via ArcMap and the Place of Use Report. No reasons were found to suggest a change in diversion or use. The Domestic use is for one (1) home. According to processing memo #22, in house use and up to 0.5 acre yard irrigation equals 1.2 afa for annual volume. Per 42-111, Domestic allows up to 0.04 cfs however a diversion rate of 0.02 cfs was applied for and such was recommended.

Have conditions of permit approval been met? ___X___Yes _____No

I. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Domestic	0/01 to 12/31	0.02 CFS	1.2 AF
<u>Totals:</u>		0.02 CFS	1.2 AF

2. Recommended Amendments

___Change P.D. as reflected above ___Add P.D. as reflected above ___X___None

___Change P.U. as reflected above ___Add P.U. as reflected above ___X___None

Other: < >

J. AUTHENTICATION

Field Examiner's Name Patricia Willey Date 12-31-13

Reviewer Daniel D. Adams Date 12-31-13

State of Idaho
Department of Water Resources
Field Exam Map
55-13836

This map depicts the DOMESTIC place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.

05W



- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections
- Quarter Quarters

0 0.0175 0.035 0.07 Miles



[illegible]