

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

A. GENERAL INFORMATION

Permit No: 85-15672

Exam Date: 1/6/2014

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? ☒ Yes ☐ No
- 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: Hells Canyon Partners
Owner of Record Correct? ☒ Yes ☐ No
Address of Record Correct? ☒ Yes ☐ No
If No: Address

3. Beneficial Use Fees have been paid: ☒ Yes ☐ No Receipt No: C083827

4. **SOURCE** **TRIBUTARY**
Chimney Creek Snake River

Method of Determination: The applicant provided a detailed map of where the POD is located on the creek. I was able to verify the correctness of stream identification using DRG maps.

Change in Source: ☐ Yes ☒ No

B. OVERLAP REVIEW

1. Other water rights with the same place of use: Overlap? ☐ Yes ☒ No

Water Right No.	Source	Purpose of Use	Basis

Comments: WR # 3-7051 POU overlaps the Hells Canyon Partners property, but is a domestic WR for 1 home on a property directly south.

2. Other water rights with the same point of diversion: Overlap? ☐ Yes ☒ No

Water Right No.	Source	Purpose of Use	Basis

Comments: The applicant submitted a map showing the POD. No other water rights are using this diversion.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Well			NE	NE	3	31N	05W	B.M.	Nez Perce
								B.M.	
								B.M.	

Method of Determination: The applicant submitted a detailed map showing the POD. Per phone conversation with Brad Bower

on 01/06/14, the well is a gravity system coming in from Chimney Creek.

Change in POD? ☐ Yes ☒ No

Amendment Required? ☐ Yes ☒ No

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

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
31N	05W	3	X																
		Lot #	1																
Total Acres =																			

Method of Determination:

This information was submitted to the permit and checks out with the PLSS, taxlot data and aerial photography available to the State. I was able to confirm the existence of cabins on property.

Change in POU? ☐ Yes ☒ No

Amendment Required? ☐ Yes ☒ No

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

Indicate weir size/pipe as applicable.

☒ 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: Flow measurements are not conducted in the in-office field review.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: Domestic

Gravity stream system. Measurements ont conducted in office. DomesPermitted for 0.04 cfs

Measurement = 0.04 cfs

Permit allowed = 0.04 cfs

License recommend for 0.04

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\quad X 3.5 \quad} = \underline{\quad}$$

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

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

2. Volume Calculations for Other Uses:

Conditions of approval in the Permit states that the domestic use authorized under this right shall not exceed 13,000 gallons per day per home.

G. PURPOSE OF USE

Irrigation ☐ Yes ☒ No # Stock _____ Domestic # of Homes 2

Other: none

Change in Purpose of Use? ☐ Yes ☒ No

Method of Determination: Permit review and aerial photography confirms the domestic application.

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

H. NARRATIVE/REMARKS/COMMENTS

Permit 85-15672 authorized the use of 0.04 cfs of ground water for domestic and stock water purposes. The proof of beneficial use form indicates the system provides water use for one home from a single stream gravity flow system. Domestic use was applied for and permitted two homes, one of which had yet to be built during the application process. Records show on 6/21/2006 an email confirming the 2 homes. Aerial photography shows a new building since the construction of the first. In the phone conversation on 01/06/14, Brad Bowers confirmed construction of the second cabin has been completed. We are going to license for 2 homes.

The proof of beneficial use was received April 10, 2007.

This was an in-office field exam. Based on aerial photography, I was able to locate the cabins referenced in the permit. The location of the property was correctly recorded in the permit and proof report. Taxlot information states that Hells Canyon Partners does own the land.

The permit provided an aerial photo of POD & POU. Description of diversion was listed as shallow well in the application for permit. No information on pump was included so phone contact was made with Brad Bower on 01/06/14. He informed me the diversion is a gravity flow system out of Chimney Creek and no pumping is in place.

Based on the IDWR water right database of active water right POU shows water right 3-7051 as an overlap. However, this is a domestic use water right with an independent diversion, permissible to irrigate a yard up to 0.5 acres. The shape file of this use covers tens of acres and is likely an incorrect representation of the water rights use.

The domestic use for this permit is limited to two homes. Volume will be described by standard conditions; each shall not exceed 13,000 gallons per day per home and the irrigation of 0.5 acres within each lot. The 0.04 cfs diversion rate applied for is per Administrator's Memo #22. No evidence suggests

a lesser recommendation. Volume will be described under conditions of approval.

Condition X01 was changed to X04 because there are multiple homes on this right. Even though there is currently single ownership, the cabins are on separate lots that may be sold in future.

Have conditions of permit approval been met? ☒ 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	01/01 to 12/31	0.04	
	<u>Totals</u>	0.04 CFS	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 ☒ None

Other: None

J. AUTHENTICATION

Field Examiner's Name Forrest Willey Date 01/08/17

Reviewer Arnold A. Miller Date 1-8-17

State of Idaho
Department of Water Resources
Field Exam Map
85-15672

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.



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

0 0.0225 0.045 0.09 Miles



[illegible]