

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 81-11924

Exam Date: 5/16/2012

1. Current Owner: WILLIAM C ATHENS
1924 S UTICA - STE 1201
TULSA OK 74104
(918)749-9401
2. Accompanied by: In-Office field exam (37.03.02.035), conducted by: Sandy Hemenway/IDWR

3. SOURCE

SPRING

TRIBUTARY

SELWAY RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 81-10248 Domestic (0.04 cfs) and Irrigation for 21.2 acres from the North Star Creek; same owner; decreed 5/18/2005.
2. Other water rights with the same point of diversion: None

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

SPRING SW1/4SE1/4NE1/4 Sec. 15, Twp 30N, Rge 13E, B.M. IDAHO County

Method of Determination: ArcMap 2009, 2011 imagery, and topo 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
30N	13E	15																	
													X						

Method of Determination: ArcMap 2009, 2011 imagery, and topo 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 (In-Office Field Exam, therefore no photos taken by examiner)

4.

Well or Diversion
ID No.*Motor MakeHpMotor Serial No.Pump MakePump Serial No. or Discharge
Size

10' X 10' X 4' ditch to collect flow from spring, discharged to 1 inch pipe (gravity flow) approximately ½ mile to POU (1 cabin)

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

D. FLOW MEASUREMENTS**1. Measurements:**Pipe Conversion for 1 inch pipe: $Q = 5 \times 3.1416 \times [(1/12)/2]^2$ squared

1 inch = 0.03 cfs capacity

RECOMMEND:

Domestic 1 cabin, internal/external use = 0.03 cfs

E. VOLUME CALCULATIONS

1. Volume Calculations for Domestic internal/external use. ****External use added (condition 141 removed) due to moratorium being lifted 10/ 26/1999:**

RECOMMEND:

No volume listed on License, due to limiting factor being the 13,000 gallons per day.

G. NARRATIVE/REMARKS/COMMENTS

The spring is located on Clearwater National Forest/forest service land. The property where the POU is located is owned by the current owner (HES No. 789, common name: North Star Ranch). The spring has serviced the cabin since 1974. The system consists of a spring discharging to a 10' X 10' X 4' collection ditch, then discharging to a 1-inch pipe (gravity flow) running approximately ½ mile to the POU (1 cabin).

Have conditions of permit approval been met? ☒ Yes ☐ No ****Moratorium lifted.****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	0.03 CFS	
<u>Totals:</u>		0.03 CFS	

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

Jandy Hannonway

Date

5/16/2017



