

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 13-7461

Exam Date: 8/18/2011

1. Current Owner: DUANE J BITTON
389 FISH HATCHERY RD
GRACE ID 83241
(208)427-6674

2. Accompanied by: No contact made.

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCE

BITTON SPRING

TRIBUTARY

NORTH FORK TROUT 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: 13-7728

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

BITTON SPRING

SW1/4SE1/4SW1/4

Sec. 8, Twp 11S, Rge 41E, B.M.

CARIBOU County

Method of Determination: Aerial Photo.

2.

PLACE OF USE: STOCKWATER

Tw	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
11S	41E	17		X															

PLACE OF USE: IRRIGATION

Tw	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
11S	41E	17			.5				.5										1.0

Total Acres: 1

DOMESTIC same as IRRIGATION

Method of Determination: Aerial Photo.

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. N/A

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

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

D. FLOW MEASUREMENTS

1. N/A

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

2. Measurements: N/A

E. FLOW CALCULATIONS

Measured Method: N/A

☐ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1 \times 3.5 = 3.5 \text{ acre-feet}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03 \times 200 \times 1.9835 = 11.9 \text{ acre-feet}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3.5 \text{ acre-feet}$$

2. Volume Calculations for Other Uses: N/A

G. NARRATIVE/REMARKS/COMMENTS

2 pvc lines move water from the spring to the 2 homes and the mink sheds. The irrigation portion of this permit is for the two homes (0.5 acres each).

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	1/01 to 12/31	0.060 CFS	
STOCKWATER	1/01 to 12/31	0.110 CFS	
IRRIGATION	4/01 to 11/01	0.030 CFS	
<u>Totals:</u>		0.200 CFS	

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

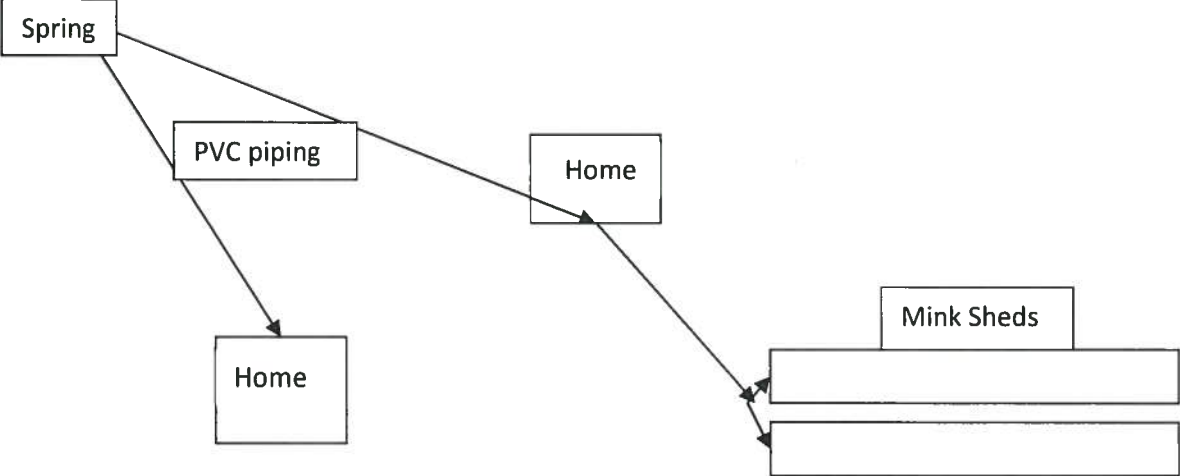
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Cody Allen Date 08-18-2011

Reviewer _____ Date _____

Delivery System Diagram:



Pipes from spring. Pipes to the left are for 13-7728. 2 pipes to the right are for 13-7461.



Irrigation under this permit is for the house on the left edge of the picture and the house in the trees on the right edge.





Idaho Department of Water Resources

Water Right
13-7461
(IRRIGATION)

Legend

Point of Diversion



Place of Use



State Outline



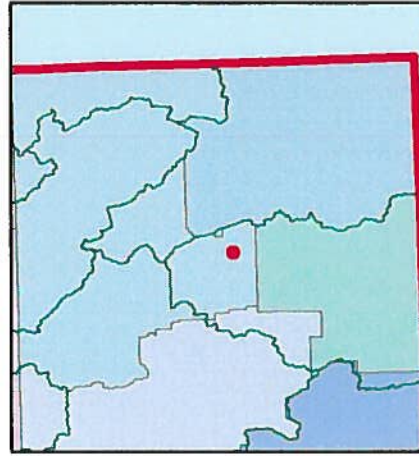
Townships



PLS Sections



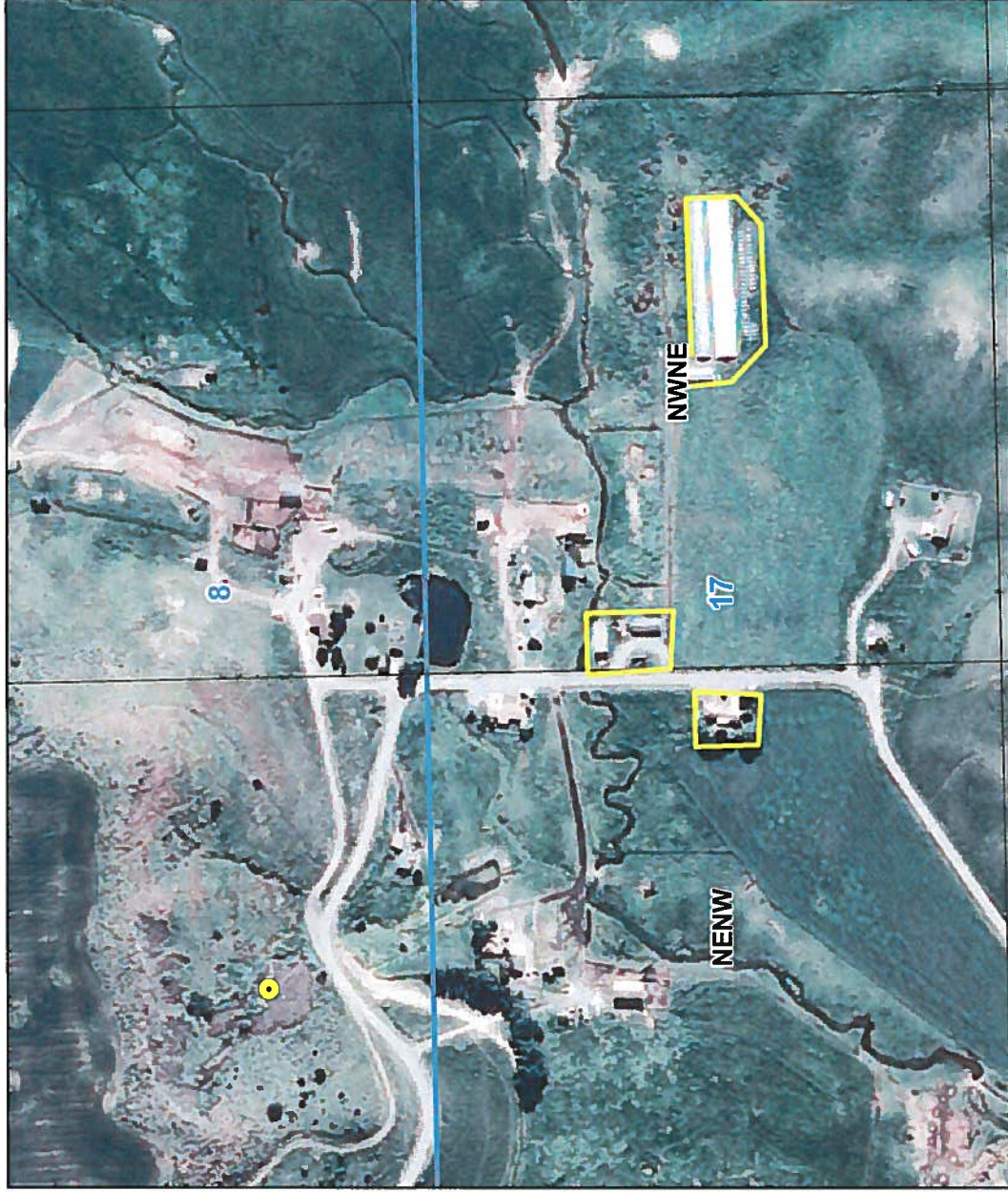
Quarter Quarters



Caribou County
IDWR Basin 13

Prepared by Allen, Cody
On September 29, 2011
2009 Aerial Photography

R41E



T11S