

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 24-10673
Exam Date: 06/01/2020

1. Current Owner:
SCOTT CARLISLE
PO BOX 1266
AFTON WY 83110
2. Accompanied by: Scott Carlisle

3. **SOURCE:**
SPRING CREEK

Tributary
TYGEE CREEK

Method of Determination: Site visit, GPS point, and ArcMap

B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
24-10748 and 24-10749	Spring Creek	Fish Propagation	

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

Water Right No.	Source	Purpose of Use	Basis
24-10740	Spring Creek	Domestic	

Comments: 24-10748 and 24-10749 divert downstream from this right's POD, but from the same stream in the same QQ.

C. DIVERSION AND DELIVERY SYSTEM

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

SPRING CREEK SE¼ NW¼, Sec. 32, Twp 07S, Rge 46E, B.M. CARIBOU County

Method of Determination: GPS and ArcMap

PLACE OF USE: COMMERCIAL

Twp	Rng	Sec	NE				NW				SW				SE			
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
07S	46E	32	X			X												

Method of Determination: Site visit and ArcMap

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.

X 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).

X Photo of Diversion and System Attached

D. FLOW MEASUREMENTS

Measurements: Pipe submerged. Feeds directly to faucets in hotel and kitchen. Measurement not possible.

E. FLOW CALCULATIONS

 X Additional Computation Sheets Attached

An attached "Flowrate Calculator" demonstrates the system can divert over the permitted 0.11 cfs. The permitted rate is therefore the licensed rate.

F. VOLUME CALCULATIONS

"Non-Irrigation Water Right Requirements" worksheet demonstrates a volume of 50 gpd/bed for motels with bath, toilet, and kitchen facilities.

50 gpd/bed * 9 cabins * 2 beds/cabin * 365.25 days/year = 328,725 gallons per year, which is 1.009 AF/year.

This 1 AF/year is the greater of two estimations. The other estimate used the same worksheet, with volumes calculated separately for hotel rooms and a restraint. See attached "Volume Calculation" spreadsheet for the two calculations.

G. NARRATIVE/REMARKS/COMMENTS

4" pipe in the spring that serves as the head of Spring Creek. Serves nine cabins, each with two beds, and a commercial kitchen for guests of the cabins.

The cabins and the kitchen are part of a facility known as Star Valley Trout Ranch. The permit was for a lodge and restaurant. The definition of "lodge" has been expanded here to include the cabins.

Source was changed without requiring amendment per letter to permit applicant from S. Keen, dated July 3, 2006.

A 2006 field exam stated that four of the cabins had no water. 2006 was during the development period of the permit. There is no evidence to suggest that the cabins were not plumbed during the remainder of the development period. Additionally, the 1 1/2" has been removed and plumbed in as part of the 4" pipe. The 1 1/2" pipe served a domestic residence under right 24-10740.

Have conditions of permit approval been met? X Yes No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
COMMERCIAL	01/01 to 12/31	0.11 CFS	1.0 AF

Totals: 0.11 CFS 1.0 AF

2. Recommended Amendments

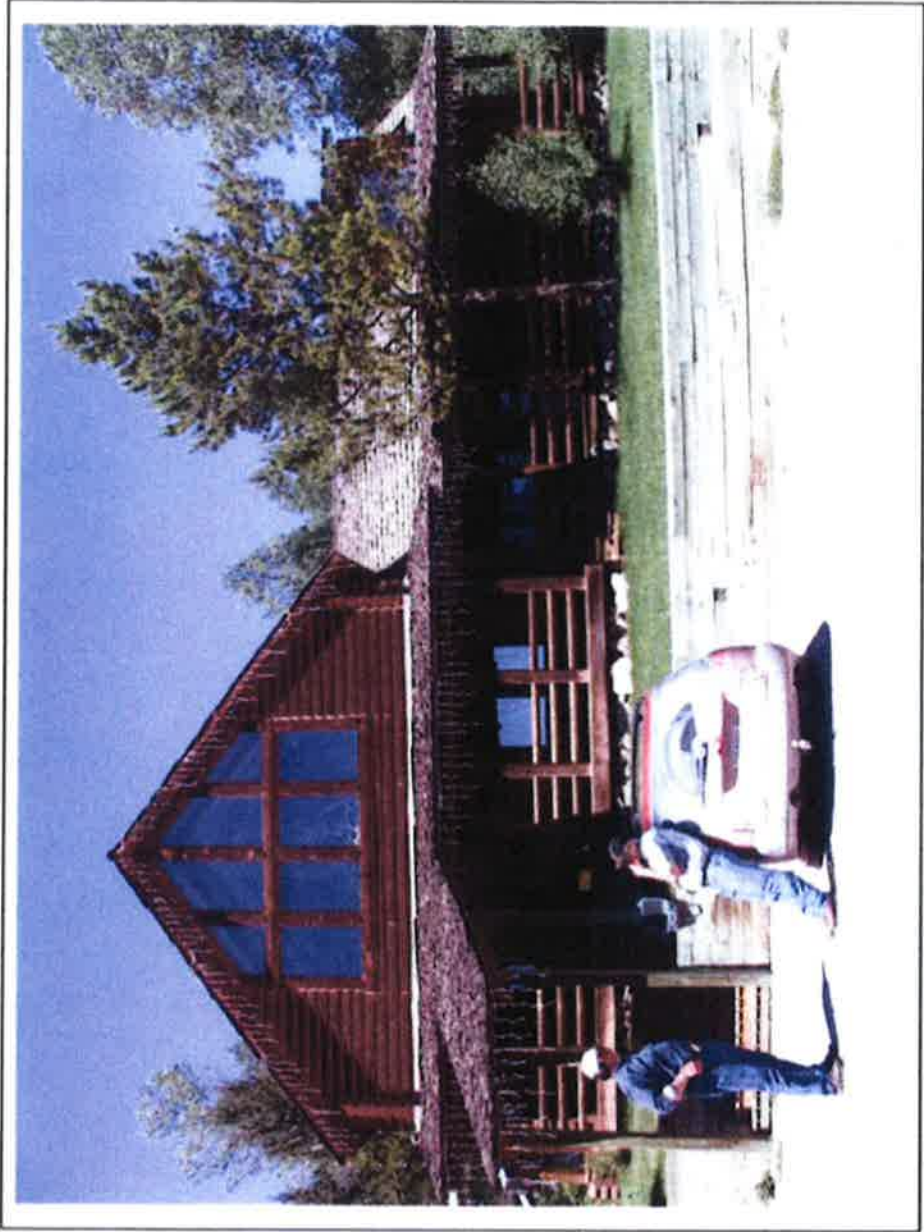
 Change P.D. as reflected above Add P.D. as reflected above X None

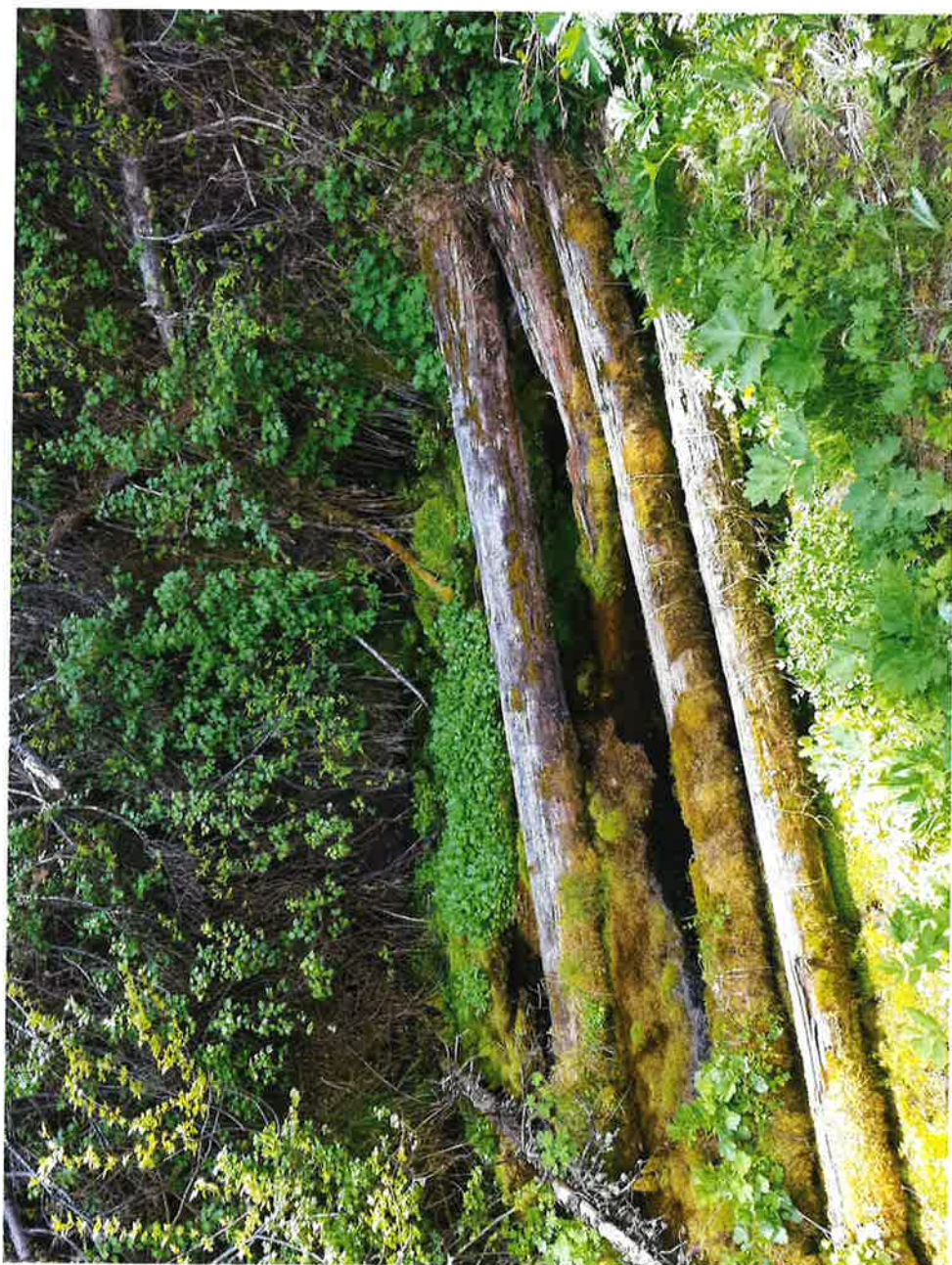
 Change P.U. as reflected above Add P.U. as reflected above X None

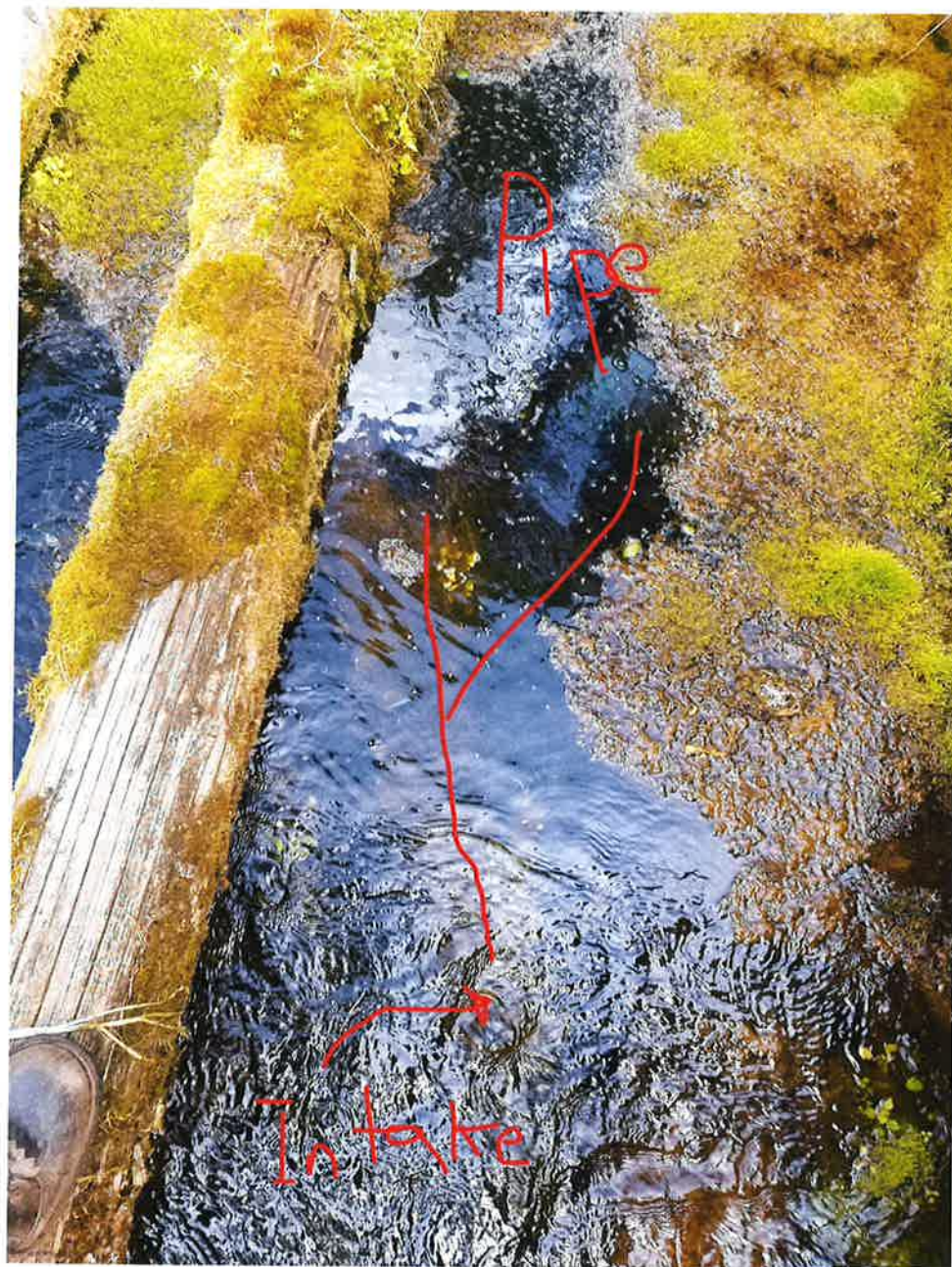
I. AUTHENTICATION Cooper Fritz - Water Resource Agent, Senior

Field Examiner's Name _____ Date _____

Reviewer _____ Date _____







Restraunt and Hotel, Seperately

Rooms	gpd (room)	gallons/year all rooms	Gallons/AF
9	60	197235	325851
Patrons in Restaurant	gpd/patron	gallons/year restaurant	
18	10	65745	
Total Gallons/year Restraunt and Hotel:		262980	
Total AF/year Restraunt and Hotel:		0.807055986	

Motel with Bed, Bath, and Kitchen Facilities

Beds	gpd/bed	gallons/year
18	50	328725
		AF/year
		<u>1.008819982</u>

24-10673 POD and POU at Licensing

