

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW of FIELD REPORT

A. GENERAL INFORMATIONPermit No: 74-15694

Exam Date: 06/15/12

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

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: C087255
4. **SOURCE** **TRIBUTARY**

Spring Sinks
 Method of Determination: USFS info.
 Change in Source: Y X N

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis

Comments: 74-10368 is for instream stock out of Mt. Boy Creek. No overlap in both permitted and amended location.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: No overlap in both permitted and amended location.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Spring		SE	SE	SE	1	13N	26E	B.M.	Lemhi
								B.M.	
								B.M.	

Method of Determination: GPS provided by USFS

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

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

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	26E	1																X	
		Lot #																	
Total Acres =																			

Method of Determination: Pictures and GPS provided by USFS.

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.

___ 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

*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:

E. FLOW CALCULATIONS

___ Additional Computation Sheets Attached

Measured Method:

0.02 cfs within IDWR Standards per Application Processing Memo #3 for 301-400 cattle.

Measurement = 0.02 cfs**Permit allowed = 0.02 cfs****License recommend for 0.02 cfs.****F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

 $V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$ $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\hspace{2cm}}$ $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$

2. Volume Calculations for Other Uses:

5.4 afa per Application Processing Memo #3 for 301-400 cattle. For livestock use at 12 gpd/hd, 400 (0.0134) = 5.4

G. PURPOSE OF USE

Irrigation ☐ Y ☐ N # Stock_400_(200 cow/calf pairs) _____ Domestic # of Homes _____

Other:

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination: Information provided by USFS

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

H. NARRATIVE/REMARKS/COMMENTS

In Wild and Scenic Watershed: Salmon River Excluding Middle Fork
No special limiting conditions on permit.

Source locally known as Tule Lake Spring

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>
Stockwater	06/01 to 10/31	0.02 CFS	5.4
<u>Totals:</u>		0.02 CFS	5.4

2. Recommended Amendments

☒ X 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 ☒ X None

Other: < >

J. AUTHENTICATION

Field Examiner's Name Danell Bruce Smith Date 11-15-13

Reviewer Daniel A. Nelson Date 2-4-14

POU

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion R	Source List	Water Use List	Current Owner	Other Owner
74	10368			Water Right	Decreed	Active	N	410020	6/1/1876	0.02	MOUNTAIN BOY C	STOCKWATER	UNITED STATES OF AMERICA ACTING THI	
74	15694			Water Permit		Active	N	603557	6/5/2006	0.02	SPRING	STOCKWATER	US DEPT OF AGRICULTURE	
				Leased to Water Application ID	Approval Date	Total Acres	Acre Limit	Volume	Water District					
				No										
				No	8/4/2006				74W - Texas, Hawley, Timber, Junction, Bull, Jake and Canyon Creeks					

POD

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74	15694			Water Permit		Active	N	603557	6/5/2006	0.02	SPRING	STOCKWATER	US DEPT OF AGRICULTURE	
				Leased to Water Application ID	Approval Date	Total Acres	Acre Limit	Volume	Water District					
				No	8/4/2006				74W - Texas, Hawley, Timber, Junction, Bull, Jake and Canyon Creeks					

win stream stock

[illegible]

Water Right Verification

Salmon-Challis National Forest

Water Right #	74-15694 (permit)	
Water Development Name	Unnamed stream near Sourdough Gulch (near Gilmore)	
Date Verified	9/24/2013	11/4/2013
Personnel	MacFarlane/Deschaine	Leadore Range Crew

General Description: This water development near Sourdough Gulch consists of a headbox in a small stream channel supplying water to a 100-foot long pipeline to a fiberglass trough. This site is accessed via a short hike from FR#64017.

Water Right legal description:

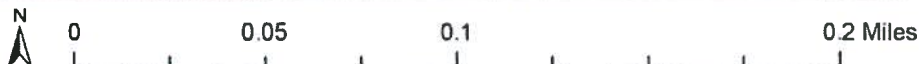
	Water Right Permit (74-15694)
POD	NE¼ SE¼ S01 T13N R26E
POU	SE¼ SE¼ S01 T13N R26E

Does verified location match water right legal description: POD: NO (matches QQ, but not QQQ)
POU: YES

Site map with verified point locations:



Water Right Verification - 2013
#74-15694 - Unnamed stream near
Sourdough Gulch, 9-24-2013 and 11-4-2013



Point of Diversion (POD): Spring/Headbox

Verified GPS Coordinates (NAD83): 12T / 0317380 / 4927754
Verified Legal Location: SE¼ SE¼ SE¼ S01 T13N R26E

A 2-foot diameter CMP headbox in a small, 2-foot wide stream channel supplies water to a trough via a plastic pipeline. The headbox appears to be functional, although it is tilted and has a low profile. The area is a boggy wetland, and much of the area is moderately trampled.

Photos (9/24/2013):

**Place of Use (POU): Trough**

Verified GPS Coordinates (NAD83): 12T / 0317411 / 4927762
Verified Legal Location: SE¼ SE¼ S01 T13N R26E

During our initial visit (9/24/13), we observed some condition problems with this trough. As a result, the trough was replaced with a single 4-foot by 8-foot fiberglass trough (see 11/4/13 photo) placed about 130 feet south of the original location. This action has taken some time, and due to weather will be ameliorated once conditions allow in the spring of 2014.

Photo (9/24/2013):



Photo (11/4/2013):

