

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

A. GENERAL INFORMATIONPermit No: 74-7350

Exam Date: 06/27/12

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: Bureau of Land Management

Owner of Record Correct? X Y NAddress of Record Correct? X Y N

If No: Address

3. Beneficial Use Fees have been paid:
- X
- Y
-
- N Receipt No: C035910

4. **SOURCE****TRIBUTARY**

Spring

Dry Creek

Method of Determination: Photos of spring provided by permit holder. Spring visible on GIS Imagery.

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:

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

Water Right No.	Source	Purpose of Use	Basis

Comments:

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Spring		SW	NW	NE	17	17N	23E	B.M.	Lemhi
								B.M.	

Method of Determination: Photos of spring provided by permit holder. Spring visible on GIS Imagery

Change in POD? Y X N Amendment Required? Y X 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	
17N	23E	17		X															
		Lot #																	
Total Acres =																			

Method of Determination: Photos provided by permit holder. Trough visible on GIS Imagery.

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:

0.04 cfs below recommendation of Application Processing Memo #3 for 250 head.

Permit allowed = 0.04 cfs

License recommend for 0.04 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:

Per Application Processing Memo #3, sec. 3

250 X 0.0134 = 3.4 afa

Per Application Processing Memo #3 – 201-300 head, 4.1 afa

Permit No: 74-7350
0.04 cfs at 365 days/yr = 29.0 afa

Page 3

License recommend for 3.4 afa.

G. PURPOSE OF USE

Irrigation ☐ N # Stock 250 cattle Domestic # of Homes _____

Other: Wildlife use condition on permit. Add Wildlife Use.

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination: Photos provided by permit holder.

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

H. NARRATIVE/REMARKS/COMMENTS

Headgate: 3.5. Cons. Use: 2.5

POU Locally known as Dry Creek Spring Range Improvement System #4986

Wildlife was requested in Section 8 of the application for permit. Section 8 was defined livestock as 250 head of cattle and wildlife. The use on the permit was changed to stockwater with a condition noting wildlife use. The total use shouldn't exceed the diversion rate and volume of water allowed for stockwater since the wildlife use was not included on the original permit and was not objected to at the time of permit approval. However we need to include the wildlife use in order to properly describe the water right.

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	05/01 to 12/31	0.04 CFS	3.4 AF
<u>Totals:</u>		0.04 CFS	3.4 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

Other:

J. AUTHENTICATION

Field Examiner's Name Donnell Farness Date 10/08/13

Reviewer David A. Nelson Date 10-9-2013

Dry Creek Spring
Range Improvement Project
#4986

74-7350



0 1530 60 90 120 Feet

D. Favreau 06/27/12

NWNE

17N23E17



[illegible]

POU

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Source List	Water Use List	Current Owner
74	7350			Water Permit		Active	N	100945	4/3/1995	0.04	SPRING	STOCKWATER	US DEPT OF INTERIOR
			Other Owner	Leased to Wate	Application ID	Approval Date	Total Acres	Acre Limit	Volume		Water District		
				No		6/13/1995							

POD

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Source List	Water Use List	Current Owner
74	7350			Water Permit		Active	N	100945	4/3/1995	0.04	SPRING	STOCKWATER	US DEPT OF INTERIOR
			Other Owner	Leased to Wate	Application ID	Approval Date	Total Acres	Acre Limit	Volume		Water District		
				No		6/13/1995							

MEMORANDUM

TO: Danielle Favreau
FROM: Daniel Nelson – Staff Hydrologist
DATE: October 8, 2013
SUBJECT: Licensing Review of Water Right 74-7350

In reviewing this amendment of permit for the above file, I found a couple things that need corrected before the amendment is sent out.

- 1.) We need to remove condition #3. (See Next Step) *(#6 on Permit)*
- 2.) We need to add wildlife as a use for this water right. The wildlife use will be limited to 0.04 cfs and 3.4 af, and the total water use will be 0.04 cfs and 3.4 af. You will need to add something like the following to your Narrative or just include this memo in the file:
 - a. Wildlife was requested in Section 8 of the application for permit. The use on the permit was livestock, and Section 8 defined the livestock as 300 head of cattle and wildlife. The use at permitting was changed to stockwater, but didn't include the wildlife component. The total use shouldn't exceed the diversion rate and volume of water allowed for the stockwater, since the wildlife use was not included on the original permit, and was not objected to at the time of permit approval. However, we need to include the wildlife reference in order to properly describe the water right as applied for.

I spoke with Shelley about this, and there is no need to seek an amendment. The error should have been caught at permitting, so we don't need to seek additional funds to correct this license.

Improvement Master Report Improvement Information

BLM Office: LLIDIO4000 - ID/Salmon FO		RIPS
Begin Date:	10/01/1993	Project Number: 364986
Abandoned Date:		Completed Date: 09/30/1994
Improvement Name:	DRY CREEK SPRING	Financial Project Code:
Management Objective:	Livestock Grazing Management	Improvement Type: Water Control/Development
Construction Agreement:	Cooperative Agreement	Maintenance Responsibility: Range User
Habitat Type:		Last Inspection Year: 2002
Management Plan Type:	Allotment Management Plan(AMP)	Inspection Cycle: 3

Location

Geographic State: Idaho	Geographic County: Lemhi	Meridian: Boise
Township: 17N	Range: 23E	Section: 17
		Subdivision:

Units Completed

Improvement Project ID	Project Phase:	Fiscal Year:	Units:	Description:	Units:	Description:
32498	New	1994	1.0	Number of Watering Points	3.0	Length in miles to the tenth

Improvement Details

Improvement Class:	Pipelines	Plant or Weed Control Method:
Treatment Class:		Chemical Trade Name:
Chemical Common Name:		Species Benefited Group:
Seeding Method:		

Species Name	Plant or Animal	Type of Effect:	Threatened and Endangered Species:
---------------------	------------------------	------------------------	---

Watershed Tillage Method:	Acre Feet of Water Stored:
Environmental Assessment #:	Beneficial Salinity Control Effects:
Water-Right Number:	

Miscellaneous Information

Project 1:	Project 2:	Undefined 1:	Undefined 2:
Improvement Notes:			

Management Units

Allotment Number: 06208	Watershed Management Area:	Wildlife Management Area:	WH&B Herd Area:
--------------------------------	-----------------------------------	----------------------------------	----------------------------

Cooperator Costs

Cooperator Type:	Cooperator Name:	Contributed Material Cost:	Contributed Labor/Equipment Cost:
------------------	------------------	----------------------------	-----------------------------------

Bear Creek/McNutt Pasture 6772

Creek

HWD

6856T

Ryegrass BLM Pasture

DRY CREEK SPRING HEADBOX Dry Creek Spring TROUGH

Ryegrass/North Hayden Allotment

17

7040T

Spring

* 7278T

Dry Creek/Lake Creek FS Pasture

* 7283AT

Ryegrass FS Pasture

