

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

A. GENERAL INFORMATIONPermit No: 74-15034

Exam Date: 06/15/12

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y N
- Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less**
 - 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: C078062

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:

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Spring	5	NE	SW	NW	6	16N	24E	B.M.	Lemhi
								B.M.	
								B.M.	

Method of Determination: GPS provided by USFS

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

No amendment needed for change in QQQ because government lot is the same.

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

TW P	RGE	Sec	NE				NW				SW				SE				Total s
			NE	N W	S W	SE	NE	N W	SW	SE	NE	N W	S W	SE	NE	N W	S W	SE	
16N	24E	6							X										
		Lot #							L										
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 401-500 cattle.

Measurement = 0.02 cfs

Permit allowed = 0.02 cfs

License recommend for 0.02 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$ _____

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

2. Volume Calculations for Other Uses:

6.7 afa per Application Processing Memo #3 for 401-500 cattle. For livestock use at 12 gpd/hd, 500 (0.0134) = 6.7 afa
13000 gal per day condition, no volume required.

G. PURPOSE OF USEIrrigation ☐ Y ☐ N # Stock 500 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 Fish Screen, measuring device, or lockable device requirement
 Water District 74

Have conditions of permit approval been met? ☒ X Yes ☐ No

No amendment for POD is needed for change in QQQ because government lot is the same.

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 10/31	0.02 CFS	6.7
<u>Totals:</u>		0.02 CFS	6.7

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: < >

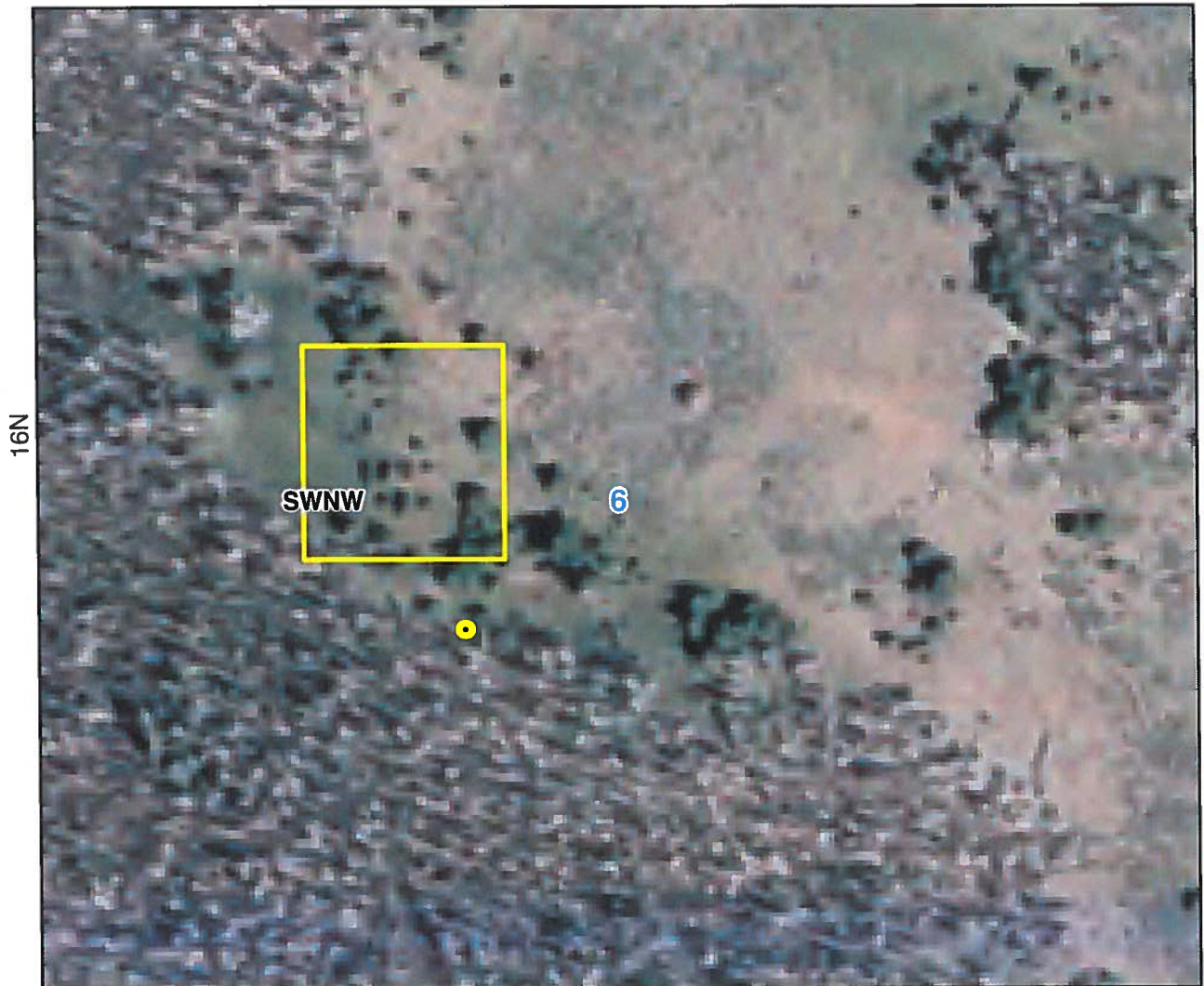
J. AUTHENTICATIONField Examiner's Name Danille Loren Date 02-06-14Reviewer Daniel A. McK Date 2-7-14

State of Idaho
Department of Water Resources

74-15034

This map depicts the STOCKWATER place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.

24E



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.015 0.03 0.06 Miles



POU

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Source List	Water Use List	Current Owner
74	15034			Water Permit		Active	N	562626	7/22/2002	0.02	SPRING	STOCKWATER	US DEPT OF AGRICULTURE
			Other Owner	Leased to Water Application		Approval Date	Total Acres	Acre Lin	Volume		Water District		
				No		10/9/2002					74 - Lemhi River		

POD

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				No		10/9/2002					74 - Lemhi River		

[illegible]

Favreau, Danielle

From: Spencer, Steven M -FS [sspencer@fs.fed.us]
Sent: Wednesday, January 29, 2014 10:47 AM
To: Favreau, Danielle
Subject: Permit 74-15034 Field Verification
Attachments: Field Verification Permit 74-15034.docx

Danielle,

My attempt to work with quarter-quarter-quarters in Lot 5 makes me think this is another probable amendment situation. I went to the SE corner of Lot 5 and made an 1/8 mile wide rectangle in the eastern part, leaving a sliver along the west side. With this methodology in mind it appears that the POD is in the NESWNW Sec 6 instead of the Permit location of the SESWNW Sec 6. Fortunately the Permit POU in the NENW Sec 9 is the same as the field verified location.

Attached is the field verification with supporting information including photos and GPS coordinates.

Please let me know what you think and if there are other things that might come to your attention as you look at this and let me know if I'm missing something. I'll forward an Amendment to Salmon as soon as I receive it from you.

If you have any questions about this one please contact me.

Thank you,

Steve

	Steven M. Spencer Water Use Specialist USDA Forest Service 1805 Hwy 16 Rm 5 Emmett, ID 83617 sspencer@fs.fed.us (208) 365-7055	
<i>The only source of knowledge is experience. - Albert Einstein</i>		

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Water Right Verification 74-15034

Salmon-Challis National Forest

Compiled 1/28/2014

Water Right Permit #	74-15034
Water Development Name	EF Hayden W.D. #2
Date Verified	9/19/2013
Personnel	MacFarlane/Deschaine

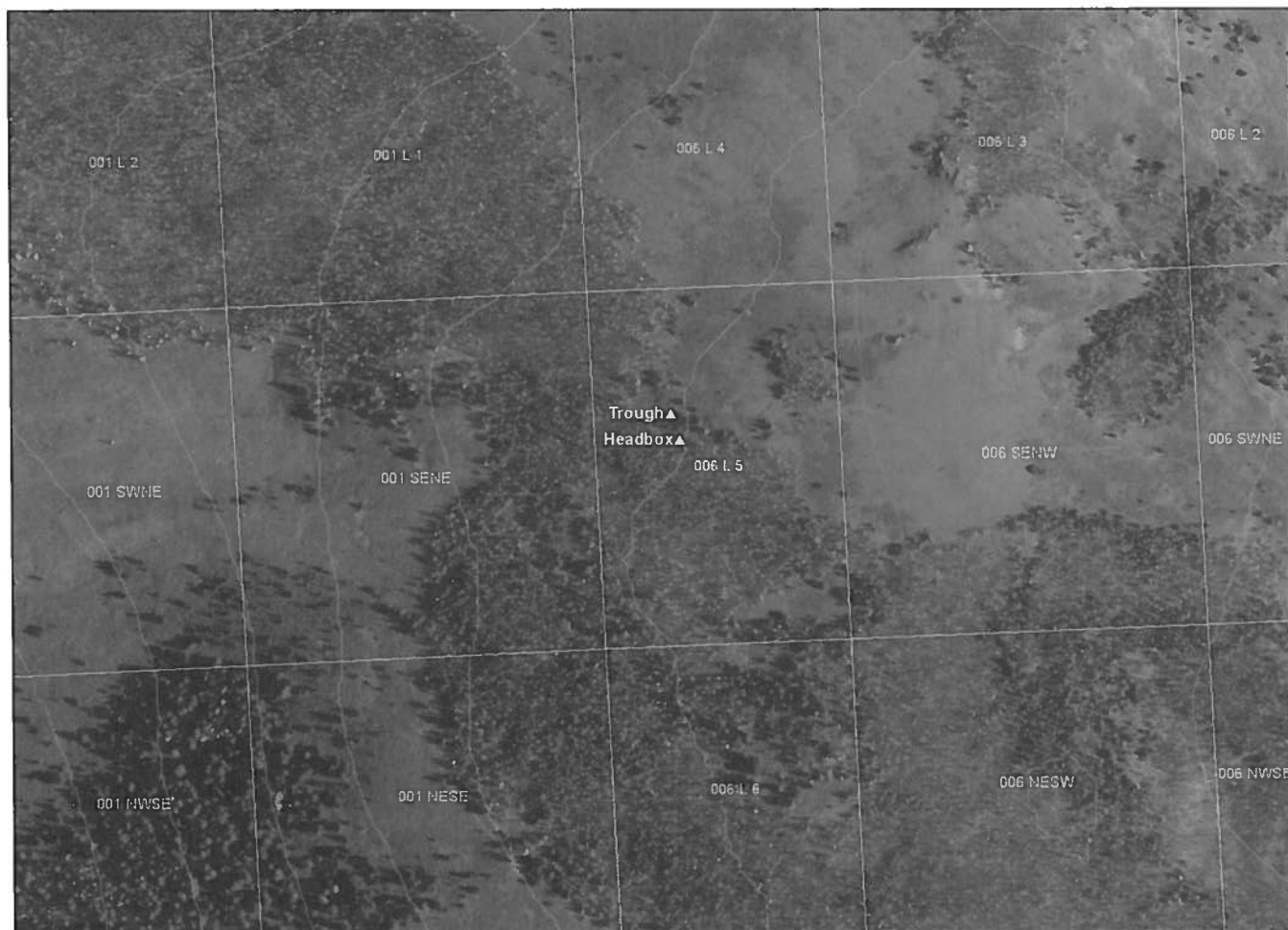
General Description: This water development consists of a fenced spring headbox and a short pipeline to a trough. It appears that this water development has been used recently. Access is via a steep hike from FR#60010.

Existing Water Right legal description:

	Water Right Permit 74-15034
POD	L5 (SE¼ SW¼ NW¼) S06 T16N R24E
POU	L5 (SW¼ NW¼) S06 T16N R24E

Permit POD does not match the field verified location.

Site map with verified point locations:



Water Right Verification - 2013
#74-15034
EF Hayden WD #2, 9-19-2013



0 0.1 0.2 0.4 Miles

Point of Diversion (POD): Spring/Headbox _____

Verified GPS Coordinates (NAD83): 12T / 0289495 / 4958360

Verified Legal Location: L5 (NE¼ SW¼ NW¼) S06 T16N R24E

A 2.5-foot diameter CMP headbox is enclosed within a 20-foot by 20-foot 3-rail wooden fence.

Photos (9/19/2013):

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

Verified GPS Coordinates (NAD83): 12T / 0289487 / 4958389

Verified Legal Location: L5 (NE¼ SW¼ NW¼) S06 T16N R24E

A 100-foot pipeline supplies water from the headbox to a 12-foot by 4-foot metal trough. The system appears to be functional. The area around the trough was recently grazed.

Photos (9/19/2013):

