

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

A. GENERAL INFORMATIONPermit No: 74-15037

Exam Date: 05/15/12

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? 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: USDA Forest Service
- Owner of Record Correct? X Y N
- Address of Record Correct? X Y N
- If No: Address Salmon/Challis National Forest
1206 S. Challis St. Salmon, ID 83467

3. Fees have been paid: X Y N Receipt No: C084814

4. SOURCE**TRIBUTARY**

Tobias Creek

Hayden Creek

Method of Determination: Photos and information provided by permit holder.

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: 74-10622 is an instream stockwater right. 74-10415 & 74-15036 for different trough/system than 74-15037.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Tobias Creek			SW	SW	2	16N	23E	B.M.	Lemhi
								B.M.	

Method of Determination: Photos and information provided by permit holder.

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		
16N	23E	3	X												X					
		Lot #	1																	
																Total Acres =				

Method of Determination: Photos and information provided by permit holder. One trough in NESE not SENE.

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

3. ☐ 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 less than recommended for 401-500 no. of stock per application processing memo #3.

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:

Per Licensing Memo #3, 6.7 afa is for 401-500 no. of stock. Per Licensing Memo #3, $500 * 0.0134 = 6.7$ afa

License recommend for 6.7 afa.

G. PURPOSE OF USE

Irrigation ☐ Y ☐ N # Stock 500 Domestic # of Homes

Other: < >

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination: Photos and information provided by permit holder.

If Yes: From Use To Use Amount CFS AFA **H. NARRATIVE/REMARKS/COMMENTS**

Salmon River excluding Mid F. Wild and Scenic Watershed
Water District 74 - Lemhi River
Season of Use: 3/15 - 11/15
Headgate: 3.5 Consumptive Use: 2.5

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 09/30	0.02 CFS	6.7 AF
<u>Totals:</u>		0.02 CFS	6.7 AF

2. Recommended Amendments☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ X None☒ X Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ None

Other: < >

J. AUTHENTICATIONField Examiner's Name Danell L. Jensen Date 09-24-13Reviewer Daniel A. Nelson Date 11-26-2013

POU both QQs

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion R	Source List	Water Use List	Current Owner	Other Owner
74	15037			Water Permit		Active	N	562627	7/22/2002	0.02	TOBIAS CREEK	STOCKWATER	US DEPT OF AGRICULTURE	
				Leased to Water Application ID	Approval Date	Total Acres	Acre Limit	Volume	Water District					
				No	10/9/2002				74 - Lemhi River					

POD

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				No	10/9/2002				74 - Lemhi River					

Type	WR #	Owner	Source	TRS	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total
Right	74 10622	UNITED STATES OF AMERIC/	TOBIAS CREEK	16N23E3									X				X	X			0
Right	74 10628	UNITED STATES OF AMERIC/	HAYDEN CREEK	16N23E3					X			X	X			X					0
Permit	74 15037	US DEPT OF AGRICULTURE,	TOBIAS CREEK	16N23E3	X			X													0
Permit	74 15036	US DEPT OF AGRICULTURE,	SPRING	16N23E3													X				0
Right	74 10415	UNITED STATES OF AMERIC/	SPRING	16N23E3													X				0

Water Right Verification

Salmon-Challis National Forest

Water Right #	74-15037
Water Development Name	Tobias Creek Pipeline
Date Verified	9/19/2013
Personnel	MacFarlane/Deschaine

General Description: This water development includes a diversion from Tobias Creek via a 1 ¼ -inch pipe into a headbox, then a buried 1 ¼-inch pipe providing water to two tire troughs. On the date of the visit, everything appeared to be functional and in good condition. Access is via FR#073. The diversion is located on Tobias Creek approximately 300 feet upstream of the fence.

Water Right Permit legal description:

POD: NW¼ SW¼ SW¼ Sec2 Twp16N Rge23E B.M.

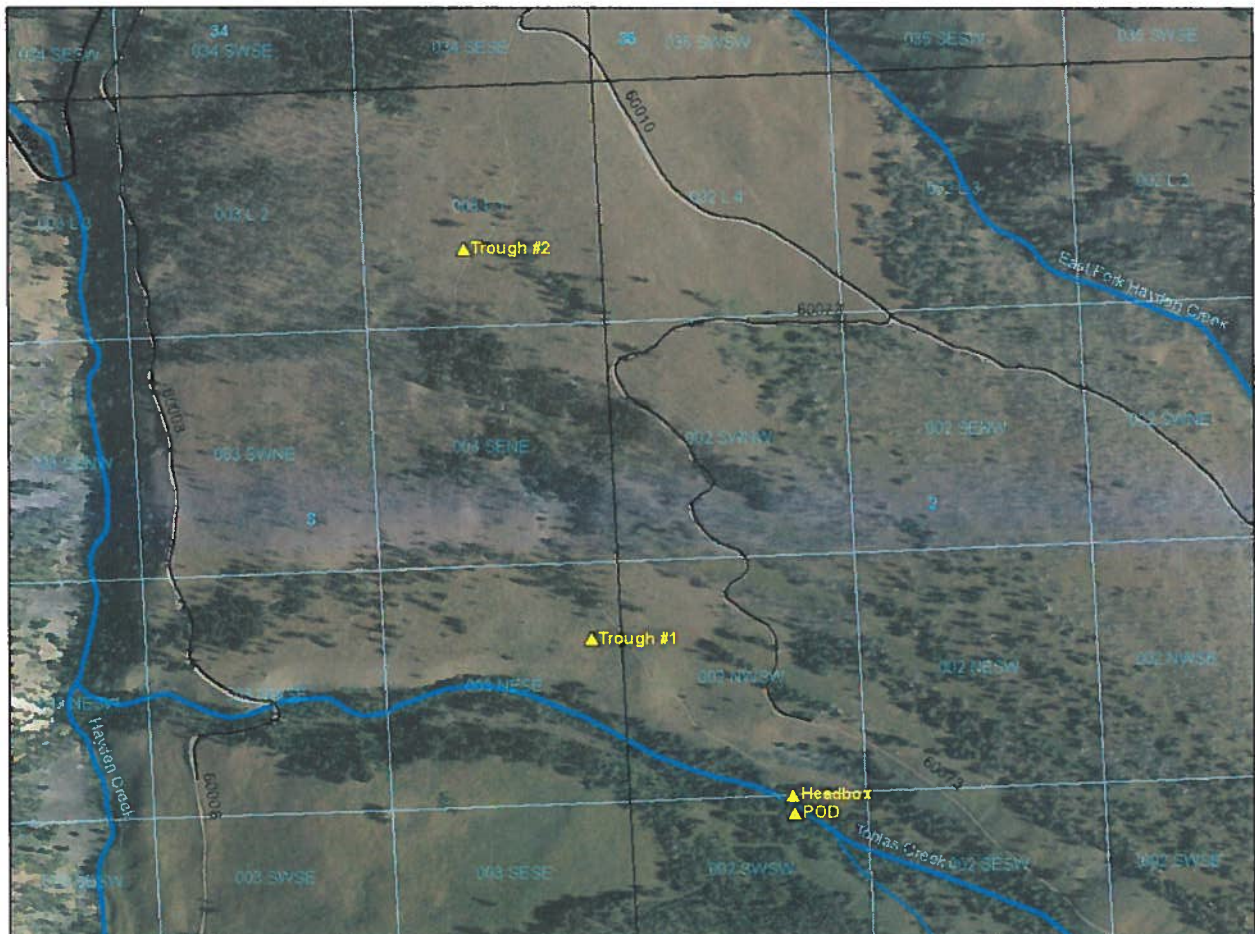
POU: NE¼ NE¼ Sec3 Twp16N Rge23E B.M.

POU: SE¼ NE¼ Sec3 Twp16N Rge23E B.M.

Does verified location match permit legal description: No

The headbox and troughs match the 2009 photos shown in the water right file.

Site map with verified point locations:



Water Right Verification - 2013
#74-15037, Tobias Creek Pipeline, 9-19-2013



0 0.05 0.1 0.2 Miles

Point of Diversion (POD)**1) Diversion**

Verified GPS Coordinates (NAD83): 12T / 0286440 / 4957790

Verified Legal Location: NE¼ SW¼ SW¼ Sec2 Twp16N Rge23E B.M.

The point of diversion is the end of a 1 ¼-inch pipe in small pool in Tobias Creek. The pipeline then follows Tobias Creek approximately 90 feet to the headbox. The diversion was functional at the time of the visit.

Photos (9/19/2013):

**2) Headbox**

Verified GPS Coordinates (NAD83): 12T / 0286439 / 4957818

Verified Legal Location: NE¼ SW¼ SW¼ Sec2 Twp16N Rge23E B.M.

A 1 ¼-inch pipe goes approximately 90 feet from the diversion down the Tobias Creek channel and into a 2-foot diameter CMP headbox offset from stream channel. A buried 1 ¼-inch pipeline starts at this location and contours along the hillside to the two troughs. The headbox has an overflow pipe back into the stream channel.

Photos (9/19/2013):



Place of Use (POU)**1) Trough #1**

Verified GPS Coordinates (NAD83): 12T / 0286119 / 4958106

Verified Legal Location: NE¼ NE¼ SE¼ Sec3 Twp16N Rge23E B.M.

This tire trough is fully functional and is in good condition. The trough includes a float valve and ramp. The trough is fed by a buried pipeline in an old road. Presumably, a spur line comes off the main line to this trough. It appears that cattle have recently used this trough.

Photos (9/19/2013):

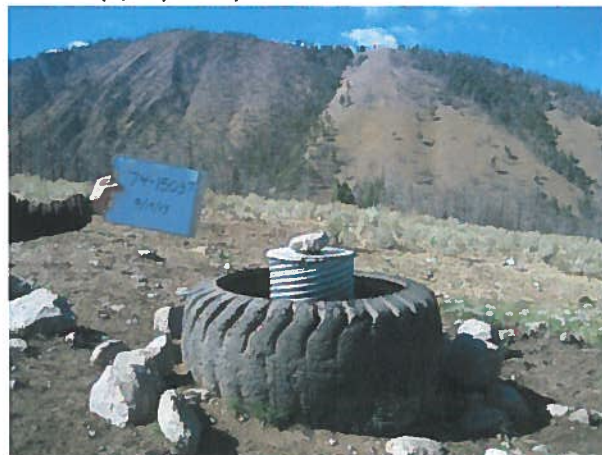
**2) Trough #2**

Verified GPS Coordinates (NAD83): 12T / 0285955 / 4958778

Verified Legal Location: SW¼ NE¼ NE¼ Sec3 Twp16N Rge23E B.M.

This tire trough is fully functional and is in good condition. The trough has a float valve, but no ramp. The trough is fed by a pipeline buried in an old road. This trough is the end of the pipeline. It appears that cattle have recently used this trough.

Photos (9/19/2013):



LEMHI COUNTY 059
IDAHO FALLS DISTRICT

MT PLAT

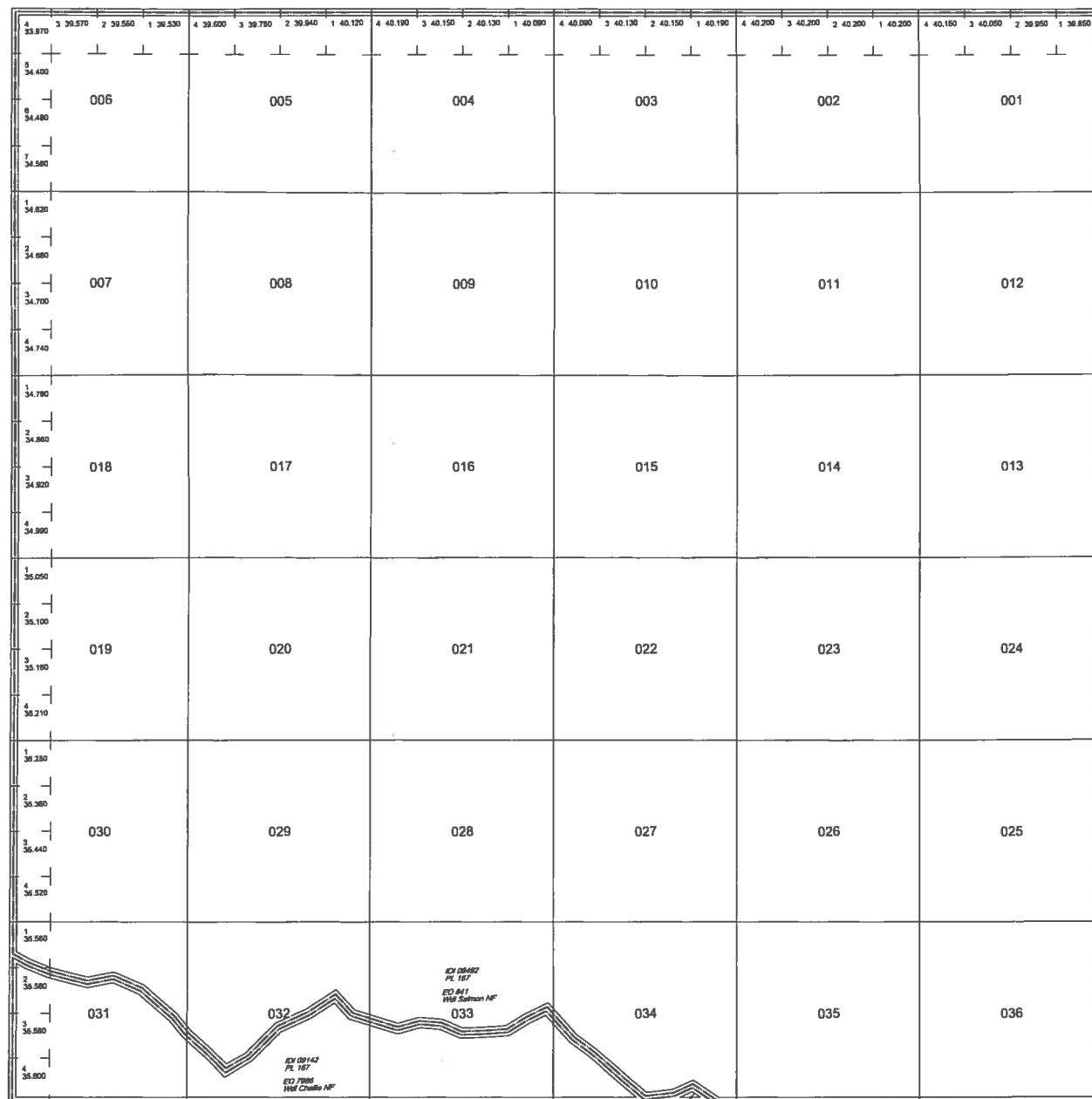
[illegible]

IDI 09142 Det PL 167 (Act of Cong 07/23/1955) completed
12/10/1962. All NF surface Mgmt by USFS

FOR ORDERS EFFECTING DISPOSAL OR USE OF
UNIDENTIFIED LAND REFER TO INDEX OF
MISCELLANEOUS DOCUMENTS

FILE REF: K080150K022050M100000.dwg	
CONVERTED TIF: 05/01/2011	BY: LFM
LAST UPDATED: 05/01/2011	BY: LFM
QAQC #1:	QAQC #2:
PONDED TO PUBLIC RECORDS:	June 8, 2011
BY:	
PUBLIC LAND SURVEY SYSTEM (PLSS)	
BLM GDS ACQUIRED:	04/25/2005
OTHER:	N/A
PROJECTED COORDINATE SYSTEM: UTM ZONE 12N, NAD 1983	
NOTES:	
USE PLATS:	

Boia Mer.
T. 16 N
R. 23 E



Lat. 44° 40' 44" N
Long. 113° 36' W

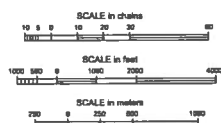
DISCLAIMER:

This plot is only a graphic display of the Bureau of Land Management's (BLM) Record of Title and township survey data. Records hereon do not reflect life changes which may have been effected by lateral movements of river or other bodies of water. Refer to cadastral surveys for official information.

No warranty is made by the Bureau of Land Management. The accuracy, reliability, or completeness of these data for individual use or aggregate use with other data is not guaranteed.



U.S. Bureau of Land Management - Idaho State Office
1387 S. Vinnell Way Boise, Idaho 83709
(208) 373-4000



Favreau, Danielle

From: Spencer, Steven M -FS [sspencer@fs.fed.us]
Sent: Monday, September 23, 2013 4:30 PM
To: Favreau, Danielle
Cc: Macfarlane, William A -FS
Subject: 74-15037
Attachments: WaterRightVerification 74-15037 091913.docx; BLM MTP T16N R23E.pdf

Danielle,

The attached field verification includes photos and GPS coordinates for the POD and POUs for the Tobias Creek Pipeline, 74-15037. It appears that a Permit Amendment is needed for the POD and POUs as follows:

Permit POD ~~NWS~~ SW Sec 2.	Confirmed POD <u>SES</u> SW Sec 2
Permit POU ~~NENE~~ Sec 3.	Confirmed POD <u>NESE</u> Sec 3
Permit POD ~~SENE~~ Sec 3.	Confirmed POD (<u>Lot 1</u>) <u>NENE</u> Sec 3

After you have had a chance to review this material if a Permit Amendment is needed, if you'd kindly prepare it I would get it signed and returned to you with the appropriate fee as soon as possible. It may be after October 1. This is because our funds are locked until after the new Fiscal Year begins October 1.

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

Thank you.

	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>Any intelligent fool can make things bigger, more complex, and more violent. It takes a touch of genius – and a lot of courage -- to move in the opposite direction. – Albert Einstein</i>		

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