

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

A. GENERAL INFORMATIONPermit No: 77-14223

Exam Date: 02-02-15

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: Wright
 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: C099798

4. SOURCE**TRIBUTARY**

South Fork Salmon River

Salmon River

Method of Determination: Application Map and 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: POU is lot 4. 77-14327 is for uses on lots 6-9, 77-14272 is for lot 9, 77-14323 is for lot 11, 77-7335 is for lots 11-14, 77-7359 is for lots 9&10, 77-7362 is for lots 12-14, 77-7366 is for lots 9 & 10, 77-7372 is for lot 1.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: Per permit holder, unshared pump at 45.36368, -115.51611 77-7372 near location, for Lot 1.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
South Fork Salmon River			SE	NE	6	23N	08E	B.M.	Idaho
								B.M.	

Method of Determination: GPS provided by permit holder.

Change in POD? Y N Amendment Required? Y N

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

TW P	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
23N	08E	6				X													
		Lot #																	
Total Acres =																			

Method of Determination: **POU in HES 701. Lot size is 0.22 AC per taxlot records. Pump installed in 2014, imagery dated 2013. See Narrative.**

Change in POU? ____Y ____N Amendment Required? ____Y ____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:

Per Application Processing Memo #22, 0.04 cfs for domestic use.

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:

License recommend for < > afa.

- 13,000 gal/day condition or equivalent on permit. No Volume reporting required

G. PURPOSE OF USEIrrigation ☐ N # Stock ☐ Domestic # of Homes ☐ 1

Other:

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination:

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

Water District: None

Wild and Scenic Watersheds Salmon R. excluding Mid. Fork

Conditions:

13,000 gal per home limit

Limited to 0.5 AC irrigation

This right does not grant any right-of-way or easement across the land of another

Does have IDFG fish screen and bypass requirements condition.

- Per email dated 12/10/2014 – Not contacting owner regarding fish screen. Will carry condition onto license.

POU in HES 701. The HES appears to be unsurveyed as there is a patent on file but no survey (www.glorerecords.blm.gov).

HES 701 was not divided into protracted QQ's. POU is in the protracted QQ of the SENE. This is different than the GCDB representation. Other WR in this subdivision are described using the protracted QQ (SENE). Use SENE per Dan Nelson.

Lot size is 0.22 AC per taxlot records. Pump installed in 2014, imagery dated 2013. Per information provided by permit holder, pump and bib installed and use occurred in 2014. Per Dan Nelson, this is sufficient proof of use although Accessor does not have a domestic development on record. The remote location of the site makes it probable that the domestic may be for a temporary dwelling like an RV.

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>
Domestic	01/01 to 12/31	0.04 CFS	N/A AF
<u>Totals:</u>		0.04 CFS	N/A AF

2. Recommended Amendments☐ 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 ☐ None

Other:

J. AUTHENTICATIONField Examiner's Name Daniel L. [Signature] Date 02/11/15Reviewer Daniel D. [Signature] Date 2-20-15

Favreau, Danielle

From: Shanna Legg [slegg@idahocounty.org]
Sent: Thursday, February 05, 2015 10:26 AM
To: Favreau, Danielle
Subject: RE: Question regarding Copenhaver Subdivision Lot 4

Hi Danielle,

Yes, the parcel you listed below is owned by Stephen Wright and in our records all we have it as is bare land. It is .220 acres. We don't show any house or other improvement being on the land.
Let me know if you need anything else.

Shanna Legg
Idaho County Property Clerk
320 W. Main, Rm 1
Grangeville, ID 83530
208-983-2742 / 208-983-0667 (fax)

From: Favreau, Danielle [Danielle.Favreau@idwr.idaho.gov]
Sent: Wednesday, February 04, 2015 3:07 PM
To: James Zehner
Cc: Nelson, Dan
Subject: Question regarding Copenhaver Subdivision Lot 4

Hello Mr. Zehner,

My name is Danielle Favreau and I am working at the Department of Water Resources. I am attempting to verify a domestic water permit in Idaho County.

Does your office have on record a house or other domestic improvement for a parcel owned by Stephen Wright, PIN = RP007500000040, Copenhaver Subdivision Lot 4?

Thank you in advance for your assistance.

Danielle

Danielle Bruno-Favreau, GISP
GIS Analyst
Idaho Dept. of Water Resources
322 East Front St.
PO Box 83720
Boise, ID 83720-0098

THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.: 77-14223
 Reviewer: D. Favreau
 Date of Review: 2/3/2015

P/D No.:	Senerio 1	Senerio 2	Senerio 3
PUMP HORSEPOWER	1	1	1
BOOSTER HORSEPOWER	0	0	0
PUMPING LEVEL	40	40	40
DISCHARGE PRESSURE	40	50	60
RATE OF FLOW (cfs)	0.05 21	0.04 18	0.03 15
			0.04 18.05

The above calculates the formula =

$$Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}}$$

Assumptions: %70 efficiency.
 No Friction

Examiners Notes:

The horsepower is an typical pump HP. The pressure was estimated by using the standard for pressure tank turn on and shut off of 40 to 60 psi. The lift was estimated using the maximum deliniation between the topo map's elevation lines and elevation provided by permit holder.

[illegible]

[illegible]