

Hersley, Jean

From: Richards, Jeff <jeff.richards@idfg.idaho.gov>
Sent: Monday, September 10, 2018 10:45 AM
To: Hersley, Jean
Subject: Boyd Stokes (WR 74-15988)

Jean:

Here is the letter I promised you this morning referencing the Boyd Stokes (WR 74-15988). IDFG does not require a fish screen on Geertson Creek at this time, but may require one in the future if the lower reach of the stream are reconnected. IDFG has no other environmental or wildlife comments relative to this application. If you have any questions, please don't hesitate to contact me.

Sincerely,

Jeff Richards

Jeff Richards
Idaho Department of Fish and Game
Environmental Staff Biologist, Salmon Region
99 Highway 93 N.
Salmon, ID 83467
208-756-2271
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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATIONPermit No: 74-15988Exam Date: 8/30/18

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: E Dale Jolley
 Owner of Record Correct? x Y N
 Address of Record Correct? x Y N
 If No:

3. Fees have been paid: x Y N Receipt No: C105460

4. SOURCE TRIBUTARY
 Geertson Creek Lemhi River
 Method of Determination: Permit, Proof and ArcMap
 Change in Source: Y x N

B. OVERLAP REVIEW

1. Other water rights with the same place of use:

Water Right No.	Source	Purpose of Use	Basis

Comments: No other stockwater rights overlap this right. There are several irrigation rights

2. Other water rights with the same point of diversion: NA

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
Geertson Creek			SW	NW	20	21N	23E	B.M.	Lemhi
								B.M.	
								B.M.	

Method of Determination: PERMIT FILE AND COUNTY RECORDS

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	
21N	23E	19												X	X	X	X	X	
21N	23E	20							X			X							
21N	23E	30		X			X												
Total Acres =																			0

Method of Determination: PERMIT FILE & ARCMAP

Change in POU? ____Y__X__N Amendment Required? ____Y__X__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:

License recommend for 0.2 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:

G. PURPOSE OF USE

Irrigation ____Y__X__N # Stock ____350____ Domestic # of Homes ____

Other: < >

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination: PERMIT FILE

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

H. NARRATIVE/REMARKS/COMMENTS

DOMESTIC USE: Assessor information per: ArcMap photo (2017), Confirmed that Jolley owns the property appurtenant to this stock right. Application processing memo #3 recommend 0.09 cfs and 5.4 af for 350 head. This permit was issued for 0.2 cfs. The license will reflect the permit rate. The volume will be 4.7 af. See attached worksheet for calculations.

The application states this permit is for watering stock in the winter. The stock will drink from the ditch running through the property that generally has water year round. Geertson Creek feeds the ditch. If there isn't water in the ditch, they divert water from Geertson Creek. I have attached is a map marking the ditch. You can see the ditch pretty clear in 2017 imagery.

Fish screen is not required at this time by Fish & Game but may be in the future. Removed Condition 029.

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	01/01 TO 12/31	0.2 CFS	4.7 AF
<u>Totals:</u>		0.2 CFS	4.7 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: NONE

J. AUTHENTICATION

Field Examiner's Name Jean Husley Date 9-10-18

Reviewer Daniel H. Huh Date 9-11-18

Permit # 75-15988 STOCKWATER USE ATTACHMENT

Complete this worksheet to include stockwater for in-office field exam.

Parcel size 109 acres

Size determined by (tax lot, etc.) WR -shape

Check 1: ☐ County confirmed nothing prohibits type & number of stock for parcel
☐ Alternate confirmation, list: _____

G.2, Volume Calculations- AF only 1 decimal place

Complete the following only if permit includes both:

- Period of use is all year
- Stock is range cattle, horses &/or mules

Volume required (Vr):

$$\frac{\text{350}}{\text{\# animals}} \times 0.0134 = \underline{4.69} \text{ AF}$$

Volume diverted (vd):

$$\frac{\text{.2}}{\text{Permit cfs}} \times 365 \times 1.9835 = \underline{144.8} \text{ AF}$$

$$\text{Volume recommended} = \text{smaller of Vr and Vd} = \underline{4.7} \text{ AF only 1 decimal place}$$

Other cases- discuss with supervisor before proceeding.

Volume required (Vr):

$$\underline{\text{\# animals}} \times \underline{\text{gpd/animal}} \times \underline{\text{days/year}} = \underline{\hspace{2cm}} \text{ AF}$$

Volume diverted (Vd):

$$\underline{\text{Permit/cfs}} \times \underline{\text{day/year}} \times \underline{1.9835} = \underline{\hspace{2cm}} \text{ AF}$$

$$\text{Volume recommended} = \text{smaller of Vr and Vd} = \underline{\hspace{2cm}} \text{ AF only 1 decimal place}$$



