

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

A. GENERAL INFORMATIONPermit No: 95-17068Exam Date: 06/04/2019

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? ☒ Yes ☐ No
- a. Irrigation of 5 acres or less
- b. Storage of up to 14.6 AF for stockwater purposes only
- c. **Combined diversion rate is less than 0.24 cfs**

2. Current Owner: Name: Allen Carl Hyslop and/or Teresa Hyslop
- Owner of Record Correct? ☒ Yes ☐ No
- Address of Record Correct? ☒ Yes ☐ No

3. Beneficial Use Fees have been paid: ☒ Yes ☐ No Receipt No: C106826

4. **SOURCE** **TRIBUTARY**
- Ground Water
- Method of Determination: Well Driller's Report (Permit No. 872357)
- Change in Source: ☐ Yes ☒ No

B. OVERLAP REVIEW

1. Other water rights with the same place of use: ☒ Yes ☐ No

Water Right No.	Source	Purpose of Use	Basis
95-17069	Right Fork Houser Creek	Domestic, Irrigation, Stock	License

Comments: The permit holders filed for two permits at the same time, for the same uses. This permit, 95-17068, authorizes the diversion of ground water, while 95-17069 authorizes the diversion of surface water.

There are other water rights in the same 40 acre tract, but their places of use are associated with other tax parcels, and do not overlap with 95-17068.

2. Other water rights with the same point of diversion: ☐ Yes ☒ No

Water Right No.	Source	Purpose of Use	Basis

Comments: 95-17069 does not have the same point of diversion because it is a permit to divert from Right Fork Houser Creek. The remaining points of diversion within the same 40 acre tract are associated with other tax parcels.

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

Source	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.		County
Ground Water			NE	NE	30	52N	05W	B.M.	KOOTENAI

Method of Determination: GIS and tax parcel data.

Change in POD? ☐ Yes ☒ No

Amendment Required?

☐ Yes ☒ No

2. **PLACE OF USE:** Use: Domestic Use for 1 home, and stockwater for 50 head of mixed stock, including chickens. The places of use are the property boundaries of the tax parcel. The domestic use includes ½ acre of irrigation around the home.

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
52N	05W	30	D,S																
		Lot #																	
Total Acres =																			

Method of Determination: GIS and tax parcel information.

Change in POU? ☐ Yes ☒ No

Amendment Required? ☐ Yes ☒ No

3. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Unknown	Unknown	Unknown	Unknown	Unknown	Unknown

*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
NA	NA	NA	NA	NA	NA	NA

2. Measurements: This permit was reviewed as an in-house permit, so there were no measurements made.

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method: Allowed rates according to Administrative Memoranda

According to Administrative Memorandum – Application Processing #22, we can allow up to 0.04 cfs for domestic use. Administrative Memorandum – Application Processing #3 allows up to 0.02 cfs for 50 head of stock or less.

Domestic use = 0.04 cfs
 Stockwater = 0.02 cfs
 Permit allowed = 0.06 cfs

License recommend for 0.06 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: None

According to Administrative Memorandum – Application Processing #22 we can allow up to 1.2 AFA per household for when irrigation is included with in-home domestic use.

2. Volume Calculations for Other Uses: Stockwater – per Administrative Memorandum – Application Processing #3

$$V = (\text{Number of stock}) \times 12 \text{ gpd/hd} \times 365 \text{ days} / (325851 \text{ gal} / \text{AFA})$$

$$= 50 \times 12 \times 365 / 325851 = 0.67 \text{ AFA}$$

3. Total Volume:

$$V = \text{Domestic use} + \text{Stockwater} = 1.2 \text{ AFA} + 0.67 \text{ AFA} = 1.9 \text{ AFA}$$

G. PURPOSE OF USEIrrigation ☒ Yes ☐ No # Stock 50, mixed Domestic # of Homes 1Other: Irrigation of 1/2 acre is part of the domestic use.Change in Purpose of Use? ☐ Yes ☒ NoMethod of Determination: Satellite imagery and tax parcel data indicate that the home was constructed in 2014.**H. NARRATIVE/REMARKS/COMMENTS**

This permit is for domestic use, including 1/2 acre of irrigation, and for stockwater for 50 head of mixed stock, including chickens. The owners of this permit also have a licensed water right (95-17069) to divert from Right Fork Houser Creek for the same uses. The home and the well for ground water were constructed in 2014, according to county tax parcel data and the well driller's report.

Similar letters of protest were filed against 95-17068 and 95-17069 by Kootenai Environmental Alliance. The protest against this permit (95-17068) was withdrawn after the protest against application 95-17069 was not recognized.

For the licensing of this permit, the places of use for domestic and stockwater will be the entire tax parcel owned by the permit holders.

The application for permit states that the well to be used was already connected to one home, and that the well will be connected to a water line to provide water for the livestock. No information was provided regarding pump size or pumping capacity and we cannot determine the capacity of the pump in use.

Conditions regarding the construction of the diverting works, #3 (26A) & #4 (046), are removed. Condition #8 (the number of stock) is removed. All other conditions will be carried forward to licensing.

Have conditions of permit approval been met? ☒ 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	1.2 AF
Stockwater	01/01 to 12/31	0.02 CFS	0.7 AF
<u>Totals:</u>		0.06 CFS	1.9 AF

2. Recommended Amendments___ Change POD as reflected above ___ Add POD as reflected above X None___ Change POU as reflected above ___ Add POU as reflected above X None

Other:

J. AUTHENTICATION – David Betts, Water Resource AgentField Examiner's Name David Betts Date June 4, 2019Reviewer David A. Nelson Date 6-5-19

Permit 95-17068 – Field Exam Map

The aerial photo below shows location of the well and the point of diversion (yellow dot) as identified in the map submitted with the application for permit.

The domestic use and stockwater places of use (yellow border) are the tax parcel boundaries of the property owned by the permit holder.

