

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

A. GENERAL INFORMATIONPermit No: 95-17186

Exam Date: 09/09/2019

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? X Y N
- Irrigation of 5 acres or less: the parcel is 0.60 acres
 - Storage of up to 14.6 AF for stockwater purposes only: no stockwater in permit
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less (permit rate 0.04 cfs)

2. Current Owner: Name: Ralphine Fallquist
 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: C0

4. **SOURCE** TRIBUTARY

Hayden Lake

SINKS

Method of Determination: *Permit and aerial photography which shows the land is adjacent Hayden Lake.*Change in Source: Y X N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: NO Overlap

Water Right No.	Source	Purpose of Use	Basis
95-9384	Hayden Lake	DOMESTIC	Lot 20, 21, 22

Comments: These water rights are located on government Lot 7. The only water right with a direct overlap is 95-9384 because it is described as being associated with lots 20, 21, and 22 of the Hayden Lake Park subdivision. However parcel analysis indicates that the original parcel on which the water right 95-9384 applies was split around 2016. Now the western portion of Lot 21 and Lot 22 of the Hayden Lake Park subdivision are a separate parcel (03580000021A) that contains a house that was built in 2017, according to county records. The original house still served by water right 95-9384 is located on the eastern portion of Lots 20 and 21 of the Hayden Lake Park subdivision, which is now a separate parcel (03580000020A). The two parcels are separated by Shenandoah Drive which cuts through the middle of the original lots within Hayden Lake Park subdivision. The address for the two homes is as follows:

WR 95-9384, 15447 N Shenandoah Drive, Lots 20 and 21 of Hayden Lake Park subdivision east of Shenandoah Drive within Government Lot 7.

Permit 95-17186, 17728 N. Donart Court, Lots 21 and 22 of Hayden Lake Park subdivision west of Shenandoah Drive within Government Lot 7.

See the Permit 95-17186 – Permit Overlap Review Attached.

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

Water Right No.	Source	Purpose of Use	Basis
95-9384	Hayden Lake	DOMESTIC	Lots 20, 21, and 22

Comments: The backfiles on Water Permit 95-17186 indicate that the POD for the permit is located near the POD for WR-9384, but the permit is not sharing the same diversion structure. When the original parcel was split for construction for the new home an easement was obtained so that water could be delivered from the POD for WR-95-9384 to the original home, 15447 N Shenandoah Drive. At the same time an encroachment permit, ERL 95-S1727B, was obtained for a separate diversion to divert water from Hayden Lake

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Hayden Lake	7	SW	SW		34	52N	03W	B.M.	Kootenai
								B.M.	
								B.M.	

Method of Determination: from permit and aerial photography

Change in POD? _____ N Amendment Required? _____ N

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

#AG 12/10/19

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	03W	34 ~~52~~											X						
		Lot #											7						
Total Acres =																			0

Method of Determination: from permit and aerial photography

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

Delivery System Diagram Attached (required).

None (in-house exam)

Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

___ Aerial Photo Attached (required for irrigation of 10+ acres).

Less than 10 acres

___ Photo of Diversion and System Attached

None (in-house exam)

4. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
N/A					

*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
N/A						

2. Measurements: in-house field exam no measurement needed

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method: (none made for in-house field exam)

Idaho Statute 42-111(a) and (b) indicates that domestic use with 1/2 acre of irrigation is allowed a diversion rate of 0.04 cfs and a limit of 13,000 gallons per day.

Permit allowed = 0.04 cfs

License recommend for 0.04 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\quad X 3.5 \quad} = \underline{\quad}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\quad X 214 \quad} \times 1.9835 = \underline{\quad}$$

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

2. Volume Calculations for Other Uses:

1.2 acre-feet per Administrative Memo 22

G. PURPOSE OF USEIrrigation Y X N # Stock 0 Domestic # of Homes 1

Other: < >

Change in Purpose of Use? Y X N

Method of Determination: House is seen in aerial imagery.

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

Please see the attached map and description of the place of use for the recommended WR 95-17186

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
<u>Totals:</u>		0.04 CFS	1.2 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: < >

J. AUTHENTICATIONField Examiner's Name David Foch Date 9/19/2019Reviewer Daniel A. Mls Date 11-6-19

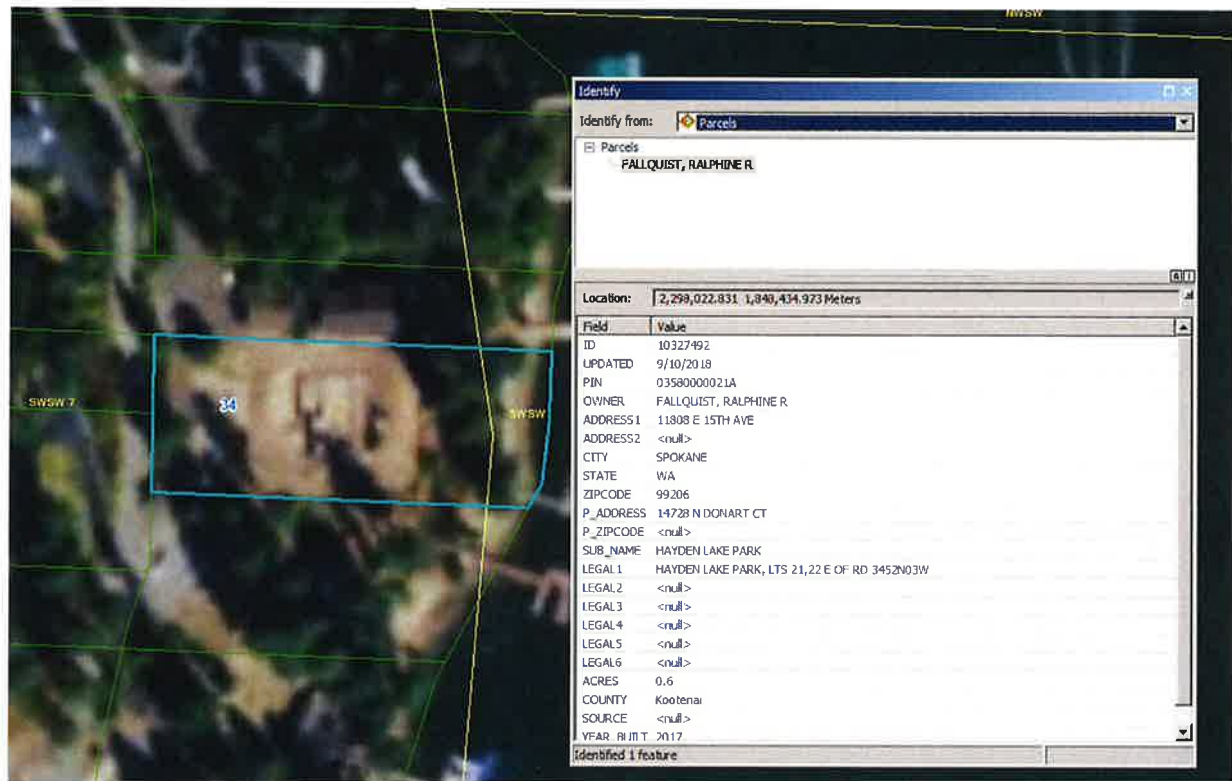
Permit 95-17186 – Permit Overlap Review

Per the overlap review, the only water right that appeared to be on this same property was water right 95-9384. These lots were all joined during the licensing of water right 95-9384, but have since been split and the permit holders have had to create their own water system. According to the application for permit, the permit holder attained encroachment permit number ERL-95-S1727B when they constructed their home, so they are not using the same point of diversion used for permit 95-9384. It is clear from the file, that water right 95-9384 is for the home in the parcel west of the permit holder's home. All other water rights shown in this Government Lot are for other parcels within the Government Lot. There should be no issues with overlapping water rights.



Permit 95-17186 – Proof of Domestic Use

The following maps show the parcel in question. The first Department map clearly shows the home and that it was constructed in 2017. The county map below shows the same.



Hoekema, David

From: Mark Fallquist <mfallquist@csilandscape.com>
Sent: Wednesday, September 11, 2019 10:41 PM
To: Hoekema, David
Subject: Re:Permit 95-17186 Beneficial Use Field Exam Questions

I would have to refer to united crown and drilling. They did the install and installed the fish screen. I am not exactly sure where the pump is placed or how far out into the water it is. Should I have crown give you a call?

Thank you.

Mark

----- On Wed, 11 Sep 2019 13:54:55 -0700 **David.Hoekema@idwr.idaho.gov** wrote -----

Mark Fallquist,

I am performing an in-house field exam for the Statement of Completion for Submitting Proof of Beneficial Use that you submitted to the Idaho Department of Water Resources (IDWR) on 8/6/2019. Once the in-house field exam is complete and we find that the conditions of your water permit 95-171786 have been met, IDWR will issue you a water right to replace your water permit. In order to complete the in-house field exam I need some feedback from you.

Where did you install the pump on your property and what type of fish screen if any, did you install? Please answer the question as thoroughly as possible. If you could send a couple of pictures of the pump and related infrastructure that would be very helpful.

Thank you,

David Hoekema

Hydrologist

Hydrology Section

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