

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

A. GENERAL INFORMATIONPermit No: 86-12062

Exam Date: 1/13/2020

1. Does this qualify for an in-office field exam (IDAPA 035.01.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: Kelly L Graber Trust Dated: June 20, 2012

Owner of Record Correct? X Y NAddress of Record Correct? X Y N

If No: Address

3. Beneficial Use Fees have been paid: X Y N Receipt No: N0346644. **SOURCE** TRIBUTARY

Groundwater

Method of Determination: GIS and Taxlot DataChange 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
86-4209	Spring/Unnamed Stream	Stockwater	claim

86-4209 could be for the same property, I could not determine exact POD, but it is from a different source than 86-12062 so there are no overlap concerns.

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

Water Right No.	Source	Purpose of Use	Basis
NONE			

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Groundwater			SW	NE	9	39N	4W	B.M.	Latah
								B.M.	
								B.M.	

Method of Determination: GIS and Taxlot dataChange in POD? X N Amendment Required? X N2. **PLACE OF USE:** Use: Domestic & 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	
39N	4W	9			D,S														
		Lot #																	
Total Acres =																			

Method of Determination: GISChange in POU? X N Amendment Required? X N Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

 X 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
Well Tag # D0022423					

*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
NONE						

2. Measurements: No measurement is required for an in-house exam.**E. FLOW CALCULATIONS** Additional Computation Sheets Attached

Measured Method:

No Measurement required per IDAPA 37.03.02.035.01.r.

Administrative memo # 22 allows up to 0.04 cfs for Domestic use. The limiting factor is the permitted rate of 0.02 cfs.

Permit allowed = 0.02 cfs**Recommended rate = 0.02 cfs****F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation: N/A

 $V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____ $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$ _____ $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

2. Volume Calculations for Other Uses:

According to processing memo #22, domestic use for a single home with in-house and ½ acre of outside irrigation can have up to 1.2 acre feet of annual water use.

Stockwater use is determined from the non-irrigation water requirements in the field examiners handbook.

Horses use 12 gallons per day (GPD)

Chickens (per 100) use 5-10 GPD. I will use the lower end of the 5 GPD for 12 chickens.

Stockwater total: 17 GPD

17GPD X 365 days = 6205 Gallons Per Year (GPY)

6205 GPY/ 325,850 = .02 AF

Administrative memo # 6 limits the volume to the nearest 10th. So 0.02 AF is rounded to 0.1 AF

Recommendations:

1.2 AF for the domestic use.

0.1 AF for the stockwater use

G. PURPOSE OF USE

Irrigation Y X N # Stock 14 Head of mixed stock Domestic # of Homes 1

Other:

Change in Purpose of Use? Y x N

Method of Determination: Taxlot data

If Yes: From Use To Use Amount CFS AFA

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house exam. This permit authorizes the use of 0.02 cfs from groundwater to be used for domestic purposes. Groundwater is supplied by an existing well West of Troy, Idaho. The domestic use reflects up to ½ acres of external irrigation and a garden area. According to the well driller's report, the applicant had a domestic well drilled in 2002 by Witt Well Drilling. Department parcel data states the home was also built in 2002. The well tag number is D0022423.

The applicant included photos with the statement of completion showing a garden area, the well head and a grassy area near a shed.

An email to the permit holder stated 3 humans, 1 dog, 2 cats, 2 horses and 12 chickens have been supported by the well. The humans, dog and cats will be included in the general domestic use. The stockwater volume was based on 2 horses and 12 chickens, totaling 14 head of mixed stock. The application for permit as well as the statement of completion listed stockwater use for 10 head of mixed stock. I am not concerned about this discrepancy since the permitted rate of 0.02 cfs for stock is enough to cover all 2 horses and 12 chickens.

At the time of licensing, this permit does not fall within a current water district.

The permit does not overlap with any other water rights at the place of use (POU) or point of diversion. However, statutory claim 86-4209 overlaps with the POU. According to the claim file, 30 cattle drink from an unnamed stream. Because this rights is only a claim and not an established right, there are no relevant issues.

I removed conditions 1 and 2 from the permit as is standard at the time of licensing. Condition 3 (046) was removed since the well has been drilled and a drilling permit is no longer necessary. Conditions 4 (x01) and 5 (187) were carried over to the license. Condition 6 (x02) was removed per the condition usage description stating to remove at licensing. Condition 7 (004) was removed since ownership at the place of use and point of diversion is not an issue.

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	0.02 CFS	1.2 AF
Stockwater	01/01 to 12/31	0.02 CFS	0.1 AF
<u>Totals:</u>		0.02 CFS	1.3 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. AUTHENTICATION

Field Examiner's Name Alex Dwyer Date 1/15/2020

Reviewer Daniel A. Nelson Date 1-15-20

Dalgleish, Alex

From: Captain Kelly <mractive1234@yahoo.com>
Sent: Monday, January 13, 2020 5:04 PM
To: Dalgleish, Alex
Subject: Re: Water Permit 86-12062

Dear Alex,

Thanks for looking at the permit so carefully. This was my mistake and I must apologize. I'm just not as sharp as I used to be. I'm not currently watering any stock. But, I expect to in the future. I'm looking forward to getting 2 barn cats 12 chickens and possibly 10 to 12 goats and I'm all set up for it. I do currently have a dog.

In the past the well has supported very nicely 3 adults, 1 dog, 2 cats, 2 horses and 12 chickens all at once including a nice garden.

Once again thank you so much for your diligence.

Sincerely,

Captain Kelly Graber

On Monday, January 13, 2020, 12:18:37 PM PST, Dalgleish, Alex <alex.dalgleish@idwr.idaho.gov> wrote:

Dear Permit Holder,

The Department of Water Resources (Department) received your proof of beneficial use of water permit 86-12062. This permit qualified for an in-office field exam per (IDAPA 35.01.r). During the review, it was determined additional information was needed to complete this review.

Item #5 on the Statement of Completion refers to the number and type of stock. You stated you are watering 10 head of mixed stock. The department needs to know what type of stock. 2 horses, 5 chickens, 1 pig, etc.?

Please provide the requested information within 14 days, by January 27. You may email the information to me at alex.dalgleish@idwr.idaho.gov or fax it to (208) 287-6700, attn.: Alex D.

If the Department does not receive the requested information within 14 days, steps may be taken to void this permit. If you have any questions, please contact me at (208) 287-4913.

Thank you,

Alex Dagleish

Water Resource Agent

Phone (208) 287-4913

alex.dagleish@idwr.idaho.gov