

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

A. GENERAL INFORMATIONPermit No: 96-11318

Exam Date: 8/18/2022

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? X Y N
- a. Irrigation of 5 acres or less
 - b. Storage of up to 14.6 AF for stockwater purposes only
 - c. Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - d. Other < >

2. Current Owner: Name: Sandra L. and/or Michael L. Badger
Owner of Record Correct? X Y N
Address of Record Correct? Y N
If No: Address

The Department's parcel data shows Sandra L. and Michael L. Badger as the owners of the property. I don't see any issues with the ownership of the property.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C113566

4. **SOURCE** TRIBUTARY

Ground Water

Method of Determination: GIS and Tax Parcel 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

Comments: There are no direct overlapping water rights on this property. There is an water right on the neighbor's property, but that will not affect this permit.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: There are no direct overlapping water rights on this property. There is an water right on the neighbor's property, but that will not affect this permit.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Lake Pend Oreille Pump			SW	SW	34	57N	1E	B.M.	Bonner
								B.M.	
								B.M.	

Method of Determination: GIS and Tax Parcel Data.Change in POD? X N Amendment Required? X N**2. PLACE OF USE:** Use: Domestic and 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	
57N	1E	34											D						
		Lot #																	
Total Acres =																			

Method of Determination: GIS and Tax Parcel DataChange 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 Pump	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
NONE						

2. Measurements: No measurement is required for an in-house exam.

E. FLOW CALCULATIONS

___Additional Computation Sheets Attached

Measured Method:

There was no information submitted with the application for permit to determine the flow rate for the system. Therefore, I am required to fall back on the standard for domestic use set forth by Administrative Processing Memo #22. The application for permit states that there will be one home.

Administrative Memo #22 = 0.04 cfs for domestic use.

Permit allowed = 0.04 cfs for domestic use

I am recommending 0.04 cfs for domestic use.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

Administrative Processing Memorandum #22 provides guidance to allow 1.2 acre-feet for in-house use and yard irrigation. **I am recommending that this permit be limited to 1.2 acre-feet for domestic use.**

G. PURPOSE OF USE

Irrigation ___Y___N # Stock _____ Domestic # of Homes 1

Other: < >

Change in Purpose of Use? ___Y___N

Method of Determination: Taxlot data and conversations with owner.

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

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house examination. This permit authorized a water use from Lake Pend Oreille for domestic use. I couldn't find anything that would cause this permit from not being licensed. There is no changes in the legal description, so no amendment would be necessary, so it is best to properly locate the point of diversion.

The permit holder stated in the Statement of Completion for Submitting Proof of Beneficial Use that a fish screen was installed on the pump. The fish screen condition will no longer be needed on the license.

Conditions X01, 187, 004, and X60 should be carried forward to licensing. Condition X59 should be added to show that the point of diversion is in the same tax parcel. No further conditions are required for the licensing of this permit.

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

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. AUTHENTICATION – DANIEL A. NELSON – WATER RIGHT ANALYST 3

Field Examiner's Name  Date 8-18-2022

Reviewer  Date 8/18/22

Field Exam Map:

The yellow border shows the place of use for the domestic use and the yellow point shows the point of diversion. The parcel boundaries are shown in green. You can clearly see the home in the photo. The parcel search also shows Michael L. and Sandra L. Badger as the owners of property.

