

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-16039
Exam Date: 07/30/2024

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. X Domestic

2. Current Owner: THOMAS & KELLY HUBER 472 PEACOCK LN SPIRIT LAKE ID 83869-5123

Owner of Record Correct? ___ N

Address of Record Correct? ___ N

If No Explain:

3. Beneficial Use Fees have been paid: X Y ___ N Receipt No: C118515

4. **SOURCE:**
GROUND WATER

TRIBUTARY OF
NA

Method of Determination: Well Drillers Log, Bonner Couty Maps, and GIS

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis
96-14026	PEND OREILLE RIVER	DOMESTIC	CLAIM

Comments: Domestic Claim 96-14026 held by the permit holder overlaps the permit place of use (POU). Although both the permit and claim are for domestic use within the same POU, the claim diverts from a surface water source and the permit diverts from a ground water source.

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

Water Right No.	Source	Purpose of Use	Basis
NONE	NA	NA	NA

Comments: There are no rights sharing the permitted point of diversion (POD).

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

GROUND WATER L3 (NE¼ SE¼), Sec. 33, Twp 57N, Rge 01W, B.M. BONNER County

Method of Determination: Well Drillers Log, Bonner Couty Maps, and GIS

PLACE OF USE: DOMESTIC

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
57N	01W	33													X L3			X L3	

Method of Determination:

3.

___ Delivery System Diagram Attached (required). Indicate all major components and distances between components.
___ Indicate weir size/pipe as applicable.

___ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
X

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

___ Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Well (6" Dia)	Unknown	Unknown	Unknown	Unknown	Unknown

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
NONE	NA	NA	NA	NA	NA	NA

2. Measurements: No measurement is required for an in-house exam, but Administrative Memo #22 was used to determine a reasonable diversion rate.

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: NA

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: NA

2. Volume Calculations for Other Uses: Domestic Use in 1 home.

According to Administrative memo #22 a maximum annual volume of 1.2 AF is acceptable for domestic use for 1 home and up to ½ acre of irrigation. I recommend the license be issued with an annual volume of 1.2 AF for domestic use, as per current guidance.

G. NARRATIVE/REMARKS/COMMENTS

This permit for domestic use and up to ½ acre of irrigation diverted from groundwater qualifies for an in-house examination. The Proof of Beneficial Use was received by the Department on June 21, 2024. The permit holder did not include system details on the proof of beneficial use. I emailed and called requesting additional system information on July 29, 2024. No response was received to the information request. However, I was able to confirm the home and grassy areas developed within the permitted POU via aerial imagery (Figures 1-3).

The permit holder did not provide any details regarding the pump or system, but Administrative Memo #22 allows up to 0.04cfs and an annual volume of up to 1.2 AF for domestic use in 1 home with up to ½ acre of irrigation. Even a small ½ Hp pump can provide 12 GPM (approximately 0.04cfs) and the development is evident in GIS imagery. Therefore, I recommend the license be issued with a diversion rate of 0.04 cfs and an annual volume of 1.2AF, as per current guidance.

I am recommending the license be issued with conditions 004, X01, and 187. Condition 046 should be removed at licensing, as per current guidance.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</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 ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ None

I. AUTHENTICATION

Bob Howe - Water Resource Agent

Field Examiner's Name Bob Howe Date 7/30/24

Reviewer TH Date 7/31/24



Figure 1- GIS NAIP 2023 Imagery- Permit POU outlined in blue. The well is represented by the blue point.



Figure 2- Bonner County Maps 2024- Parcel appurtenant to the permit centered in image. Yellow boundaries are the county parcel boundaries.



Figure 3 – Bonner County Maps 2023 Imagery- Parcel appurtenant to the permit POU is centered in the image. Some grassy areas are evident along the east side of the street to the west of the home.