

State of Idaho
Department of Water Resources
Water Right License
Water Right No. 65-23608

Priority: March 19, 2015

Maximum Diversion Rate: 0.02 CFS

Maximum Diversion Volume: 3.2 AF

It is hereby certified that:

LIN JOE ASHBROOK PO BOX 399 HORSESHOE BND ID 83629-0399 OR
JOSEPHINE A ASHBROOK PO BOX 399 HORSESHOE BND ID 83629-0399

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated February 19, 2015, and has submitted Proof of Beneficial Use on November 18, 2020. An examination confirms water is diverted from:

Source : GROUND WATER

Beneficial Use
IRRIGATION

Period of Use
03/15 to 10/31

Rate of Diversion
0.02 CFS

Annual Volume
3.2 AF

Location of Point(s) of Diversion

GROUND WATER SE¼ NE¼, Sec. 27, Twp 07N, Rge 02E, B.M. BOISE County

Place of Use: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
07N	02E	27				0.7													0.7

Total Acres: 0.7

Conditions of Approval

1. This right when combined with all other rights shall provide no more than 0.03 cfs nor more than 3.2 afa at the field headgate for irrigation of the place of use.
2. When ordered by the Director, the right holder shall provide mitigation acceptable to the Director to offset depletion of lower Snake River flows needed for migrating anadromous fish. The amount of water required for mitigation, which is to be released into the Snake River or a tributary for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this right. Any order of the Director issued in accordance with this paragraph shall be in conformance with applicable rules allowing the right holder due process as the need for mitigation and the amount of mitigation are determined.

This license is issued pursuant to the provisions of Idaho Code § 42-219. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

Signed this 6th day of March, 2023.



PHILL HUMMER
Water Rights Supervisor

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State of Idaho
Department of Water Resources
Attachment to Water Right
65-23608

This map depicts the IRRIGATION place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.

02E



-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters
-  Point of Diversion



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0 400 800 Feet



322 E Front Street, Suite 648, Boise ID 83702 • PO Box 83720, Boise ID 83720-0098
Phone: 208-287-4800 • Fax: 208-287-6700 • Email: idwrinfo@idwr.idaho.gov • Website: idwr.idaho.gov

Governor Brad Little
March 06, 2023

Director Gary Spackman

LIN JOE ASHBROOK
JOSEPHINE A ASHBROOK
PO BOX 399
HORSESHOE BND ID 83629-0399

RE: License No. 65-23608

ISSUANCE OF LICENSE

Dear Water Right Holders:

The Department of Water Resources ("Department") has issued the enclosed Water Right License confirming that a water right has been established in accordance with your permit. Please be sure to thoroughly review all the conditions of approval listed on your license. The conditions may include ongoing requirements, such as maintenance of a measuring device or implementation of mitigation, as well as information about how your water use may be administered, such as regulation by a watermaster in a water district.

The license is a PRELIMINARY ORDER issued by the Department pursuant to Rule 730 of the Department's Rules of Procedure (IDAPA 37.01.01.730). It can and will become a final order without further action by the Department unless a party petitions for reconsideration, files exceptions, or requests a hearing as described in the enclosed information sheet.

Also, please note that water right owners are required to report any change of water right ownership and/or mailing address to the Department within 120 days of the change. Water right forms are available from any office of the Department or on the Department's website at idwr.idaho.gov

If you have any questions concerning the enclosed information, please contact me at (208) 287-4925.

Sincerely,


for

Phill Hummer
Water Rights Supervisor

Enclosures

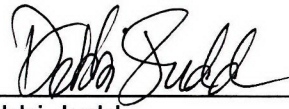
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CERTIFICATE OF SERVICE

I hereby certify that on March 6, 2023, I served a true and correct copy of Water Right License No. 65-23608 by U.S. Mail, postage prepaid, to the following:

LIN JOE ASHBROOK (Current Owner)
PO BOX 399
HORSESHOE BND ID 83629-0399

JOSEPHINE A ASHBROOK (Current Owner)
PO BOX 399
HORSESHOE BND ID 83629-0399



Debbi Judd
Technical Records Specialist

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

A. GENERAL INFORMATIONPermit No: 65-23608Exam Date: 03/03/2023

1. Does this qualify for an in-office field exam (IDAPA 035.02.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: Lin Joe & Josephine Ashbrook
- 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: C109487

4. SOURCE TRIBUTARY
- Ground Water N/A

Method of Determination: GIS and Parcel DataChange in Source: Y X N**B. OVERLAP REVIEW**

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

Water Right No.	Source	Purpose of Use	Basis
65-7040, 7505, 7769	Ground Water /Payette River	Municipal	Decreed
65-18073	Ground Water	Domestic	Decreed
65-18090	Ground Water	Domestic	Decreed
65-19605	Ground Water	Domestic	Decreed
65-2667	Ground Water	Domestic	Decreed

Comments:

The permit place of use (POU) is overlapped by City of Horseshoe Bend. Municipal water rights and four domestic water rights. However, the permit holder owns the parcel appurtenant to the POU and the overlapping domestic POUs are the entire SENE quarter-quarter. There are no concerns regarding injury or enlargement of any domestic or municipal right due to the irrigation of the <1 acre parcel owned by the permit holder.

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

Water Right No.	Source	Purpose of Use	Basis
NONE			

Comments: There are no overlaps for the point of diversion.**C. DIVERSION AND DELIVERY SYSTEM****1. LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Pump			SE	NE	27	07N	02E	B.M.	BOISE

Method of Determination: GIS and Parcel data.Change in POD? X N Amendment Required? X N

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

TW P	RGE	Sec	NE				NW				SW				SE				Total s
			NE	N W	S W	SE	NE	N W	S W	SE	NE	N W	S W	SE	NE	N W	S W	SE	
07N	02E	27				0.7													0.7
		Lot #																	
Total Acres =																			0.7

Method of Determination: GIS and aerial imageryChange 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
PUMP	UNKNWOWN	1.0	UNKNOWN	UNKNOWN	UNKNOWN

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, but ADAPA memo #17 and a theoretical calculation were used to determine an acceptable rate.**E. FLOW CALCULATIONS** Additional Computation Sheets Attached

Although we were not provided any pump information beyond the horsepower, a theoretical calculation was used to support that approximately 0.04cfs is possible with 1 HP pump. Up to 0.03cfs per acre is permitted for the irrigation of up to 5 acres, as per Processing Memo #17. I am recommending a diversion rate of 0.02cfs for the irrigation of 0.7 acres at the permitted POU.

$$Q = (1.0\text{Hp}) (8.8) (0.70) / 70\text{ft max lift} + (30\text{psi} \times 2.31) = 0.04\text{cfs}$$

Permit allowed = 0.03cfs Recommendation=0.02cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.7 \times 4.5 = 3.2\text{AF}$$

$$V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.021 \times 230 \times 1.9835 = 9.6\text{AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3.2\text{AF}$$

For the purposed license to divert ground water for irrigation a volume was calculated using the headgate requirement of 4.5 AFA annually. I am recommending an annual volume of 3.2AF on the license.

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G. PURPOSE OF USEIrrigation ☒ Y ☐ N # Stock _____ Domestic # of Homes _____Change in Purpose of Use? ☐ Y ☒ NMethod of Determination: Tax lot data and documentation from owner.**H. NARRATIVE/REMARKS/COMMENTS**

The parameters of the permit and the documentation provided qualifies this permit for an in-house exam. There are no concerns regarding any negative impact on existing municipal and domestic rights overlapping the POU.

The owner confirmed via email that the pump installed for the system is a 1Hp submersible pump. A theoretical calculation indicates that it is possible for the system to provide 0.02cfs for the irrigation of the 0.7acre POU. I was able to review aerial imagery to confirm that the owners are using water for this system (See Figures 1.1-1.3). Therefore, I am recommending a diversion rate of 0.02 cfs and 3.2 AF, as per administrative memo #17 for small acreage irrigation and a headgate volume calculation.

Condition R69 should be changed to x31 because the total acres on the license is less than 1.0 acre. Condition 121 should be changed to 103. Condition 046 should be removed.

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>
Irrigation	03/15 to 10/31	0.02 CFS	3.2 AF
<u>Totals:</u>		0.02 CFS	3.2 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

Other: < >

J. AUTHENTICATION- Water Resources Agent- Bob HoweWater Resources Agent's Name Bob Howe Date 3/6/2023Reviewer PH Date 3/6/23

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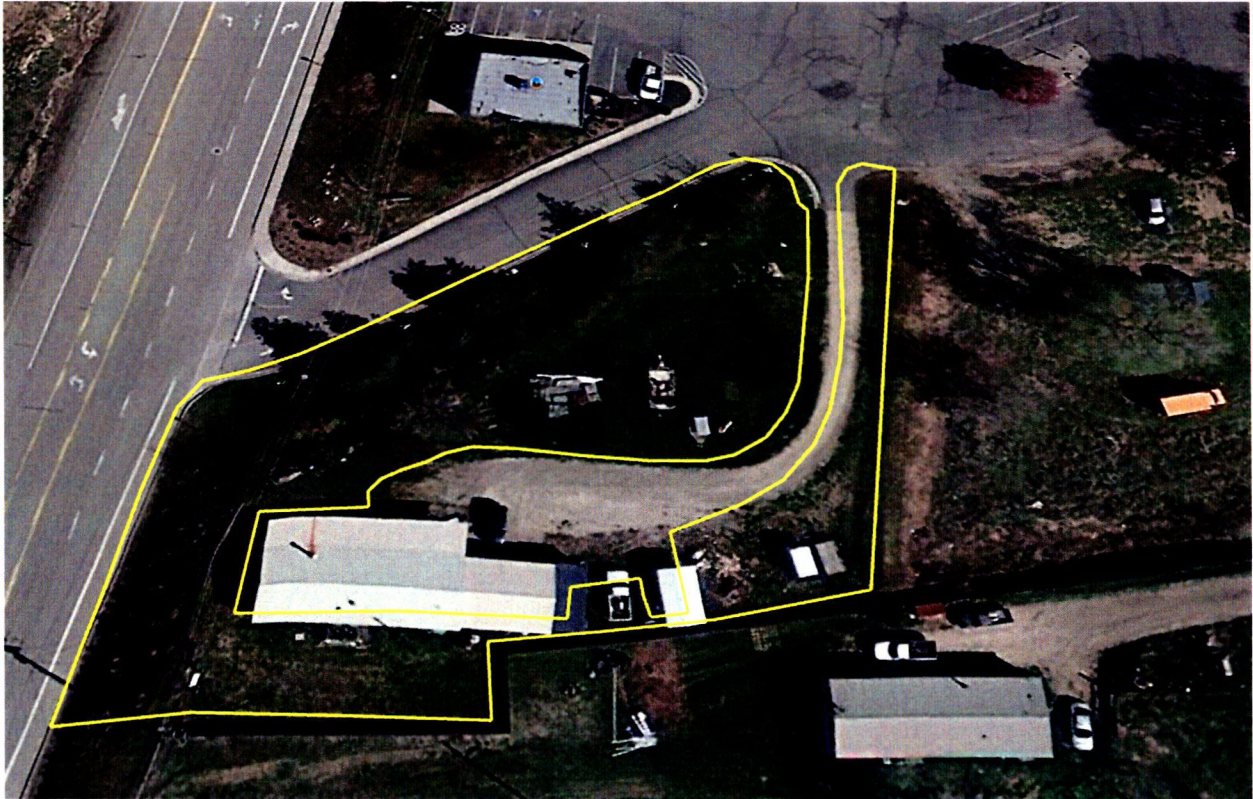


Figure 1.1- 2020 Google Earth image of the permit POU (outlined in yellow).

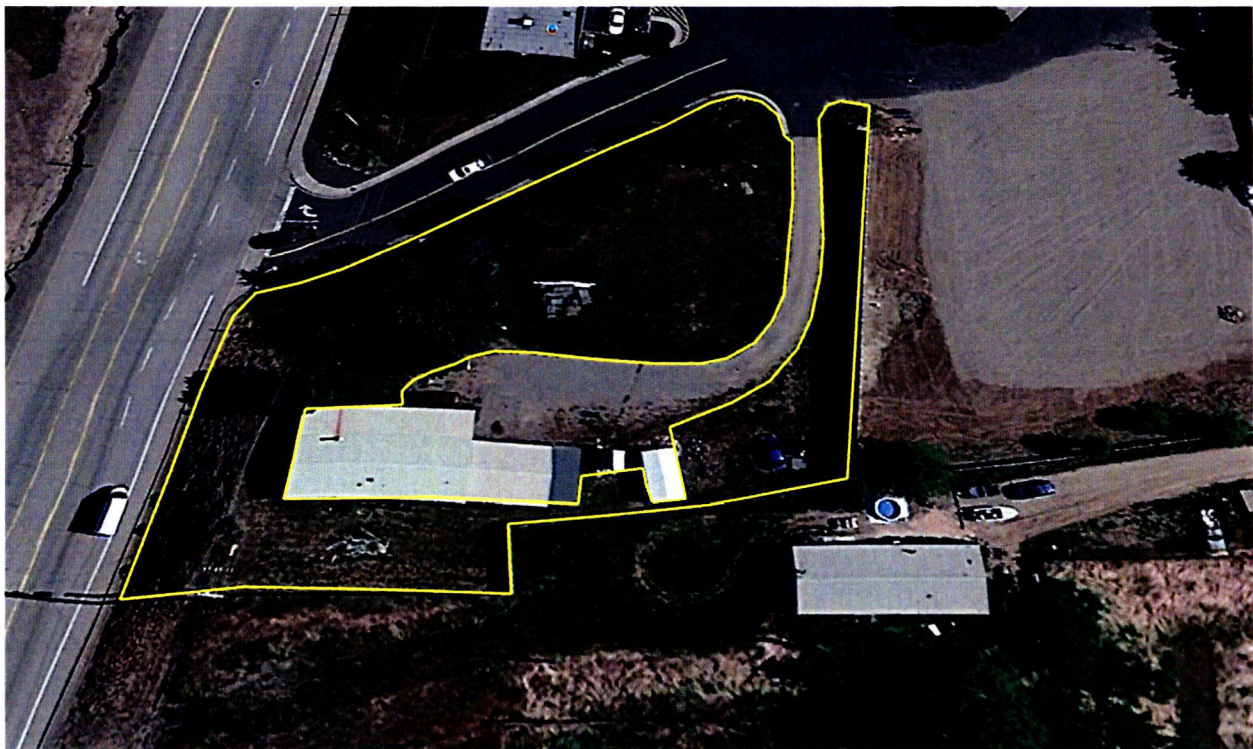


Figure 1.2- 2022 Google Earth image of the permit POU (outlined in yellow).

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Figure 1.3- GIS 2021 image of the permit POU (outlined in yellow).

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