

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 3-7065

Exam Date: 03/15/2019

1. Current Owner:

RICHARD WOODS JR PO BOX 674 LEWISTON ID 83501-0674

2. Accompanied by: In-office exam

Relationship to permit Holder: Tax lot data shows applicant is still current owner of property

3. **SOURCE:**

SNAKE RIVER

Tributary

COLUMBIA RIVER

Method of Determination: Arcmap and DRG**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: None

Water Right No.	Source	Purpose of Use	Basis

Comments: _____

2. Other water rights with the same point-of-diversion: None

Water Right No.	Source	Purpose of Use	Basis

Comments: _____

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

SNAKE RIVER SE¼ SE¼, Sec. 23, Twp 31N, Rge 05W, B.M. NEZ PERCE County

Method of Determination: Google Earth, Nez Perce County Assessor's Office, Arcmap.

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	
31N	05W	23																X L4	

Method of Determination: Google Earth, Nez Perce County Assessor's Office, Arcmap.

3.

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

 X

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).

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
N/A					

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: N/A

E. FLOW CALCULATIONS Additional Computation Sheets Attached

Measured Method: There is very little information in the file describing the pumping system for this permit. The only notes on the application state there is 8 hp pump that is diverting water to an 800 gallon holding tank. It is unclear where the location of the tank is. Therefore, I used the standard described in Processing Administrative Memorandum #22

Administrative Memorandum # 22 = 0.04 cfs

Permit allowed = 0.04 cfs

I am recommending a diversion rate of 0.04 cfs, since maximum complies with the permit and Administrative Memorandum # 22.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: Domestic use for 1 home and irrigation up to ½ is equal to 1.2 acre-feet

G. NARRATIVE/REMARKS/COMMENTS

This permit was unknown to the Northern Region because it did not show as needing a field exam. It had a date entered for field exam on October 9, 1999 but no field exam report, photos, or anything else could be found. The field exam date was removed and I started an in-office exam to license.

This permit qualifies for an in-office field examination. The domestic use can clearly be seen in aerial photos. The Department's and Nez Perce County Tax Assessors parcel data confirm the applicant is the current owner of the property. The data shows the house was built in 1988. The shape for the domestic use was drawn as a square to include a half an acre of irrigation. Aerial photography cannot confirm any irrigation use, but it is a hot dry area and applicant could be irrigating during visits. The license will be issued with a diversion rate of 0.04 cfs with an annual volume of 1.2 acre-feet.

Conditions 029, 004, and condition about flow in the Snake River will remain on the license. Conditions X01 and 187 are being added to describe the domestic use and irrigation up to ½ acre. There are no overlap concerns.

Have conditions of permit approval been met? X 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	1/01 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

I. AUTHENTICATION

Adam Frederick - Water Resource Agent, Senior

Field Examiner's Name Adam Frederick Date 3/19/2019
 Reviewer Douglas Jones P.E. Date 3/19/2019

State of Idaho
Department of Water Resources
Attachment to Field Exam
3-7065

DOMESTIC



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

0 0.025 0.05 0.1 Miles



