

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 2-10633
Exam Date: 04/26/2024

1. Current Owner:
THERESA POLLARD 4732 RIVER RD BUHL ID 83316-5103

2. Accompanied by: Theresa Pollard
Phone No: (208) 644-0564
Address: 4732 River Rd
Relationship to permit Holder: Permit Holder

3. **SOURCE:**
SNAKE RIVER

Tributary
COLUMBIA RIVER

Method of Determination: on-site inspection

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis
47-7312B	Ground Water (LTG Well)	Domestic	Decree

Comments: _____

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

Water Right No.	Source	Purpose of Use	Basis
N/A			

Comments: _____

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

SNAKE RIVER L4 (SE $\frac{1}{4}$ NW $\frac{1}{4}$), Sec. 4, Twp 09S, Rge 14E, B.M. TWIN FALLS County

Method of Determination: On-site Inspection & GPS

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	
09S	14E	4								X L4									

Method of Determination: On-site inspection and aerial imagery

3.

- X 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).
- 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
PODID 968054	Red Lion	2.0	22HF50054	Red Lion	RL-SPRK200-BR

D. FLOW MEASUREMENTS: N/A

1.

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

2. Measurements:

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: No measurement required per IDAPA 37.03.02 Beneficial Use Examination Rules as the flow rate for the total diversion (~~0.4 cfs~~) falls 0.04 cfs 1.5 below the 0.24 cfs or greater flow rate requiring measurement (Section 35. r. iii).

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: No volume required for domestic uses as defined in Section 42-111, Idaho Code per IDAPA 37.03.02 Beneficial Use Examination Rules (Section 35. j. ii).

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

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

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

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

1.5.
47-7312B
The applicant has a domestic ground water right, ~~37~~-7312B, for 0.028 cfs and 1.2 af, from a shared low temperature geothermal (LTG) well in the Banbury area. She came in seeking to augment that right because she is the last water user on a shared water line from the well and would often not have enough water to shower or even properly flush her toilet. She was not wanting to go to the expense of drilling a cold water well since her neighbor had drilled a domestic well and it failed to produce sufficient water for his domestic uses. So, she filed for an application for permit seeking to divert water from the Snake River to provide additional water for both culinary use and 0.5 acre of lawn and garden irrigation.

I met with the applicant and her husband on 4/26/2024 to conduct a field examination for this permit. They had installed a 2 Hp pump diverting water from the river that was tied directly into the sprinkler system. I estimated current lawn and garden irrigation at approximately 0.1 acres. The sprinkler manifold was installed with a hose connector so they could simply hook up a hose and connect it to a 100 gallon storage tank. They also use a hose to connect to the interior water system to provide filtered water (through multiple filtration systems) for culinary uses in the home.

There is a condition on the permit that will be carried over to the license that states "Domestic use under this right when combined with any other domestic use shall not exceed 13,000 gallons per day and 1/2 acre of irrigation." Additionally, there is condition 401 on the permit that will also be carried over to the license stating that "Irrigation use under this right is authorized only in connection with a domestic use."

Recommend licensing 0.04 cfs for domestic use.

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>	
DOMESTIC	01/01 to 12/31	0.04 CFS	

Totals: 0.04 CFS

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

Bill Mills -

Field Examiner's Name

Date

Reviewer

Date

4-29-2024

4/30/2024



Figure 1: Storage Tank



Figure 2: 2 Hp pump and filter adjacent to Snake River



Figure 3: lawn and house

System Diagram

