

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

A. GENERAL INFORMATION

Permit No: 92-10951

Exam Date: 10/29/2014

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? ☒ Yes ☐ No
- 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: Jeri Lee Thornbrugh
Owner-of-Record Correct? ☒ Yes ☐ No
Address-of-Record Correct? ☒ Yes ☐ No
If No: <Address>

3. Beneficial Use Fees have been paid: ☒ Yes ☐ No Receipt No: N030885

4. SOURCE**TRIBUTARY**

Spring

Sinks

Method of Determination: Applicant submitted an aerial photo map that outlined POD & POU.

Change in Source: ☐ Yes ☒ No**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: Overlap? ☒ Yes ☐ No

Water Right No.	Source	Purpose of Use	Basis

Comments: Statutory Claims 92-4029 (domestic and stock) and 92-4030 (stock) from a spring are overlaps of this right.

2. Other water rights with the same point of diversion: Overlap? ☒ Yes ☐ No

Water Right No.	Source	Purpose of Use	Basis

Comments: Statutory Claims 92-4029 (domestic and stock) and 92-4030 (stock) are diverted from the same spring.

The spring daylight in the property directly to the west of the applicant's current property. The Thornbrughs used to own both properties. A copy of a 1987 agreement, which describes the system and the responsibilities of each party, was provided with the application for permit.

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

Source	Govt. Lot	¼	¼	¼	Sec.	TWP	RGE		County
Spring		NE	NE	SW	20	45N	01W		BENEWAH

Method of Determination: The Legal Description in the permit is validated by PLS data and aerial photography.

Change in POD? ☐ Yes ☒ No

Amendment Required? ☐ Yes ☒ No

2. **LOCATION OF POINT(S) OF PLACE(S) OF USE:**

Use: Domestic and stock

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
45N	01W	20														D, S			

Method of Determination: See the sketch of the system diagram provided by the applicant.

Change in POU? ☐ Yes ☒ NoAmendment Required? ☐ Yes ☒ No

3.

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

The pipe size is unknown. The system is gravity flow from an artesian spring to the first concrete retainer. All the major components are buried.

☒ 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
Unknown.				Unknown	Unknown

*Code to correspond with No. on map and aerial photo

The Thornburghs operate a submersible pump to pull water from their concrete retainer to the house.

D. FLOW MEASUREMENTS

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

2. Measurements: In-office field exam. No measurements taken**E. FLOW CALCULATIONS**☐ Additional Computation Sheets Attached

Measured Method:

Permit allowed = 0.04 cfs

License recommended for 0.04 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\text{N/A}}$$

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

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\text{N/A}}$$

Volume Calculations for Other Uses: _____

The 1000 gal retainer would take 55.5 minutes to fill at 0.04 cfs (~18 gpm) 1000gal / 18 gpm = 55.5 minutes.
The 500 gal retainer would take 27.8 minutes to fill at 0.04 cfs. 500gal / 18gpm = 27.8 minutes. Together the two retainers store less than 24-hours worth of spring flow. Therefore, no storage component is required for the water right.

G. PURPOSE OF USEIrrigation ☐ Yes ☒ No # Stock 1 horse, several chickensDomestic # of Homes home, 1 barn

Other: < >

Change in Purpose of Use? ☐ Yes ☒ No

Method of Determination: Information in the water right file is consistent with aerial photography of the property.

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

H. NARRATIVE/REMARKS/COMMENTS

Permit 92-10951 authorized the diversion from a spring of 0.02 cfs for stockwater and 0.04 cfs for domestic purposes. Based on the small permitted diversion rates, this permit qualifies for an in-office field exam.

Legal descriptions of the POU and POD were used to locate the property. Available taxlot information shows that the owner is Jeri Lee Thornbrugh. A map identifying the POU and POD was submitted with the application. I confirmed the system layout through an email/mail exchange with Jeri Thornbrugh.

Overlap review showed statutory claims have been submitted by Edward and Jeri Thornbrughs for the same uses as this permit has authorized. As of this date, there is no record of a Northern Idaho Adjudication claim for these uses although these uses appear to qualify. I phoned Jeri Thornbrugh and explained the difference between an adjudication claim and the statutory claims. And I recommended that she visit the Northern Region office and file NIA claims.

The POD is a spring which is shared by the permit holder and the owner of the property to the west (currently the Reyes). At one time, the Thornburghs owned both properties. The file contains a copy of an agreement to share the POD and the flow from the spring.

The only source of water for the Thornbrugh house is the spring. It is not clear that the Reyes family is using the spring.

A creek crosses the back side of the Reyes property. Because there is no mechanism to shut off the spring's flow, the creek may have the spring as its source

Aerial photography was used to confirm the POUs. A barn, house and fenced chicken yard are visible.

I am recommending standard rates and volumes for the uses.

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>
Domestic	01/01-12/31	0.04 cfs	0.6 af
Stockwater	01/01-12/31	0.02 cfs	0.1 af
	<u>Totals</u>	0.04 cfs	0.7 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 ☐ Other

Other: < >

I. AUTHENTICATIONField Examiner's Name Michele Edl Date November 12, 2014Reviewer Camille Skaggs Date 11-12-2014



State of Idaho

DEPARTMENT OF WATER RESOURCES

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GARY SPACKMAN
Director

C.L. "BUTCH" OTTER
Governor

October 30, 2014

JERI LEE THORNBURGH
89 FOREVERGREEN DR
ST MARIES ID 83452

RECEIVED
NOV 05 2014
DEPARTMENT OF
WATER RESOURCES

RE: Additional information request Permit 92-10951

Dear Mrs. Thornbrugh:

I have enclosed the screen-shot that I sent you by email yesterday. After our phone conversation of this morning I understand your system better. Would you please draw on this screen-shot and return it to me at the address in the letterhead above? If needed, please correct the location of the spring. And please indicate the locations of the two retention basins, (yours and the Reyes) and sketch the general layout of the buried pipelines from the spring to each of the concrete water retainers, to your barn and finally to where it ends at your house.

As part of my review of your Permit 92-10951, I found two Statutory Claims (92-4029 and 92-4030) that you and your husband had filed in 1979. They appear to be claims for the same uses from the same spring as Permit 92-10951. The Statutory Claims are applicable to the larger property that you and your husband owned at the time and have not been independently verified.

I queried our database and did not find a Northern Idaho Adjudication claim in your name. A statutory claim and an adjudication claim are not the same. So if you have not done so already, I believe you should contact IDWR's Northern Region Office and claim these uses in that region's ongoing adjudication.

This permit authorizes stock and domestic uses on the smaller portion of the property that you own now and it will have a 2014 priority date. I hope to issue a license for right 92-10951 as soon as possible after you return the marked up screen-shot. This permit and your claims have different priority dates but they overlap. IDWR will need to understand the overlap going forward.

Feel free to contact me in Boise at 208-287-4946 if you have any questions.

Sincerely,

Michele Edl

Enclosure(s)



Retiree's

Retiree's Spring
Retiree's Line

NE SW

20

NWSE

my BARN

45N01W

my house