

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

A. GENERAL INFORMATION

Permit No: 95-17610

Exam Date: 10/04/2019

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. Other < >

2. Current Owner: Name: Timothy F. King
 Owner of Record Correct? X Y ___ N
 Address of Record Correct? ___ Y ___ N
 If No: Address

3. Beneficial Use Fees have been paid: X Y ___ N Receipt No: C0

4. **SOURCE** TRIBUTARY

Spirit Lake

Spirit Creek

Method of Determination: Photos and aerial photo

Change in Source: ___ Y X N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: X NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments:

Claim 95-14137* has the same POD & POU. The claim is not recommended yet, but is till active. *95-14137 DECREE DISALLOWED.
 -AR 12/18/19

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

Water Right No.	Source	Purpose of Use	Basis

Comments:

Claim 95-14137* has the same POD & POU. The claim is not recommended yet, but is till active. *95-14137 DECREE DISALLOWED.
 -AR 12/18/19

C. DIVERSION AND DELIVERY SYSTEM

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Spirit Lake		NE	NE		24	53N	05W	B.M.	Kootenai
								B.M.	
								B.M.	

Method of Determination: aerial photo and ground photos

Change in POD? X N Amendment Required? X N

- 2.
- PLACE OF USE:**
- A house (see attached photo) located in the northeast corner of the property adjacent Spirit Lake.

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
53N	05W	24	X																
		Lot #	1																
Total Acres =																			

Method of Determination:

Change in POU? X N Amendment Required? X N

n/a (in-house exam): Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

 n/a Aerial Photo Attached (required for irrigation of 10+ acres). X 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
N/A					

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

D. FLOW MEASUREMENTS

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

2. Measurements:
- memo

E. FLOW CALCULATIONS Additional Computation Sheets Attached

Measured Method: (none needed for in-house field exam)

Idaho Statute 42-111(a) and (b) indicates that domestic use with 1/2 acre of irrigation is allowed a diversion rate of 0.04 cfs and a limit of 13,000 gallons per day.

Permit allowed = 0.04 cfs

License recommend for 0.04 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: (Since this is not an irrigation right, these calculations are not necessary.)

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\quad n/a \quad}$$

$$V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\quad n/a \quad}$$

$V = \text{Smaller of } V_{D.R.} \text{ and } V_{I.R.} = \underline{\quad n/a \quad}$

2. Volume Calculations for Other Uses: 1.2 acre-feet per Administrative Memo 22

G. PURPOSE OF USE

Irrigation ☒ Y ☐ N # Stock 0 Domestic # of Homes 1

Other: < >

Change in Purpose of Use? ☐ Y ☒ N

Method of Determination: n/a

If Yes: From Use n/a To Use n/a Amount n/a CFS n/a AFA n/a

H. NARRATIVE/REMARKS/COMMENTS

This water right supplies water to a cabin located on Spirit Lake. According to the owner the water under this right is diverted by a submersible well pump which is located about 100 feet out in the lake and is 30 feet deep. They started building the cabin and pumping the lake in 1985. The address on the cabin is Spirit Lake south Shore #15520. The permit was applied for in 2018 and beneficial use was filed for this year.

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

I. RECOMMENDATIONS

1. Recommended Amounts

BENEFICIAL USE	PERIOD OF USE	DIVERSION RATE	VOLUME LIMIT
Domestic	01/01 to 12/31	0.04 CFS	1.2 AC-FT
<u>Totals:</u>		0.04 CFS	1.2 AC-FT

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: I recommend a volume of 1.2 ac-ft per Administrative Memo 22

J. AUTHENTICATION

Field Examiner's Name David Kochemus Date 11/12/2019

Reviewer Daniel DeMeyer Date 11-12-19



The Cabin on Spirit Lake, built around 1985.



Wiring for Pump house that diverts from Spirit Lake.



The Cabin on Spirit Lake, built around 1985.



Wiring for Pump house that diverts from Spirit Lake.