

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-09377
Exam Date: 7/27/2017

1. Current Owner:
JASON PLUMMER 6178 SIMMONS DR BOULDER CO 80303 (720) 333-1170

2. Accompanied by: Roy Newton
Phone No: 509-998-7138
Relationship to Permit Holder: Neighbor

3. **SOURCE:**
COEUR D ALENE LAKE

TRIBUTARY:
SPOKANE RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point-of-diversion: 95-9376

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

COEUR D ALENE LAKE L1 (NE¼NW¼) Sec. 12, Twp 49N, Rge 04W, B.M. KOOTENAI County

Method of Determination: Maps and GPS. POD located at -116° 48.018, 47° 36.755

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
49N	04W	12					X L 1												

Method of Determination: Google Earth and Arcmap.

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.

X

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
	UNKNOWN	1			

*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
5 GALLON BUCKET						

2. Measurements: 5 gallon bucket in 14.8 seconds

5 gal / 14.8 sec x 60 sec = 20 gpm or 0.04 cfs

E. FLOW CALCULATIONS

Measured Method: N/A

____ Additional Computation Sheets Attached

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 and up to ½ acre of irrigation = 1.2 AF

G. NARRATIVE/REMARKS/COMMENTS

Field exam with Roy Newton, applicant's representative, showed a 1hp pump supplying water to home. 5 gallon bucket test was performed after pressure tank was shut off and filled in 15 seconds which is equal to 20 gpm or 0.04 cfs. Field exam was requested because four permits were issued in the same area (95-9367, 95-9368, 95-9376, and 95-9377). The field exam was requested by the State Office because they had received assignment of permits that were not matching up with the proper owners of the properties. The State Office felt the assignment of permits were not required because all properties were in the same QQ and the shape for each permit could be attached to the proper taxlot. Field confirmed this permit identified the correct taxlot as the POU and does not need to be corrected.

Applicant had a home built on lot and was using water for domestic use with irrigation up to ½ acre. Applicant had also applied for domestic use on adjacent property that he owned (95-9376). The same POD was used for both rights. Permit 95-9376, was recommended by field examiner to be voided because a hose was not considered a permanent water line to be considered a stub-in. Condition 26A and WB9 will be removed from license. WB9 condition is only applicable for water rights below the Post Falls Dam. Condition X15 will be added to license to ensure future compliance regarding a fish screen. Condition 187 will be added to limit domestic use to up to ½ acre of irrigation.

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

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.04 CFS	1.2 AF
<u>Totals:</u>		0.040 CFS	1.20 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

I. AUTHENTICATION

Field Examiner's Name Adam Fink Date 1-22-2018

Reviewer Douglas Jones P.E. Date 1/29/2018

State of Idaho
Department of Water Resources
Attachment to Field Exam
95-9377

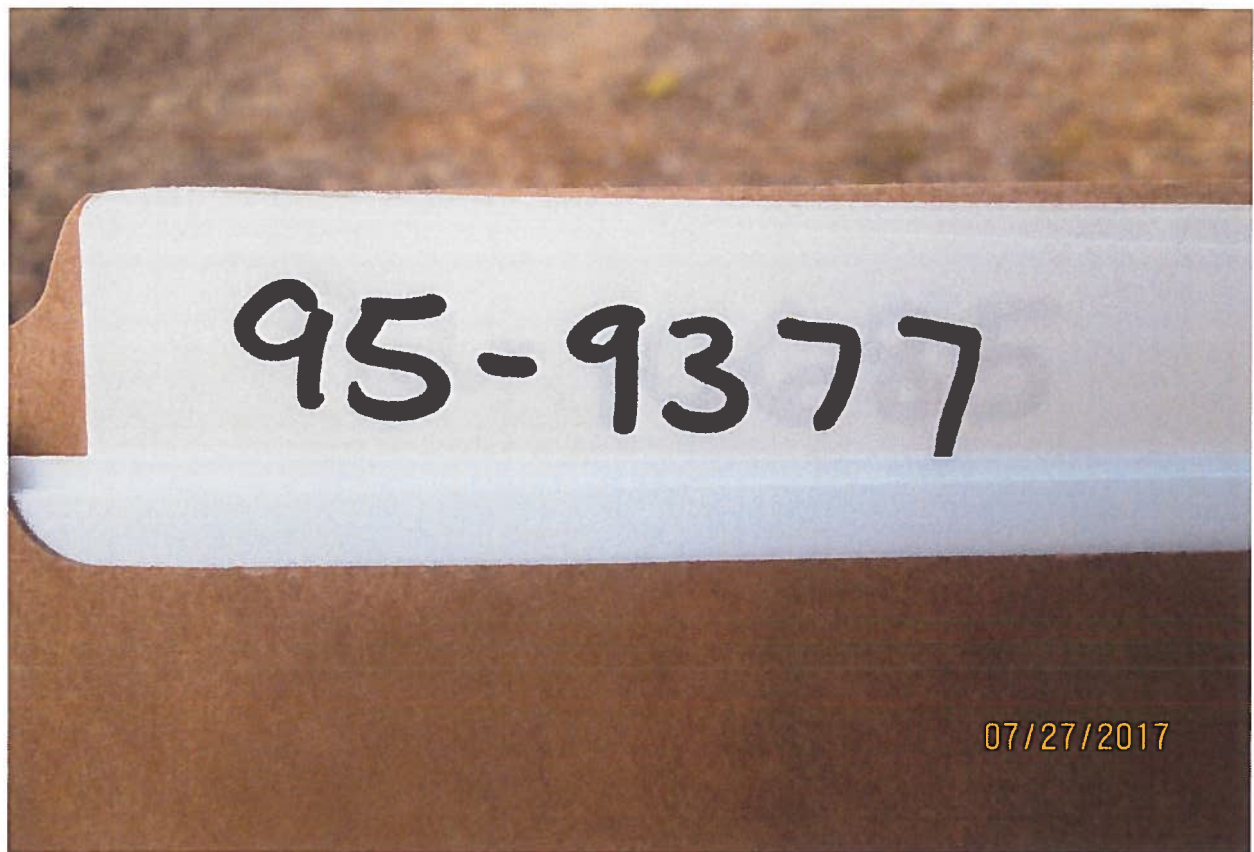
DOMESTIC / SYSTEM DIAGRAM



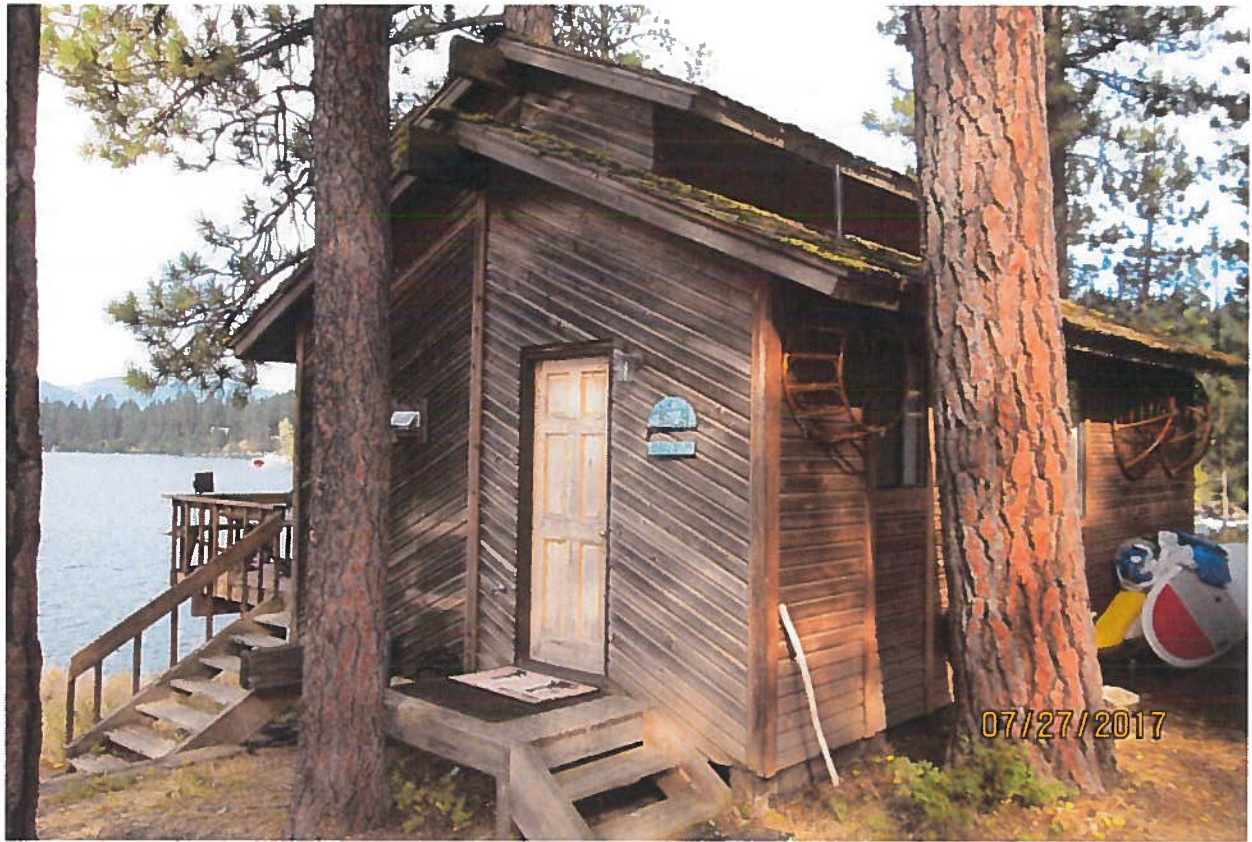
-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections

0 0.02 0.04 0.08 Miles





1 inch pipe going into lake. 1hp pump with pressure tank. Pump produced 20gpm or 0.04 cfs.



Place of use.





Hoses used for adjacent properties campsite (95-9376).