

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-12597

Exam Date: 8/10/2015

1. Current Owner: JAN E KAREL
6518 S HIGHLAND PARK DR
SPOKANE WA 99223
(509)990-1645

And

JAMES F KAREL
6518 S HIGHLAND PARK DR
SPOKANE WA 99223
(509)990-1645

2. Accompanied by: James Karel

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: None

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

COEUR D ALENE LAKE L7 SE1/4SW1/4 Sec. 3, Twp 48N, Rge 04W, B.M. KOOTENAI County

Method of Determination: Maps and google earth.

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
48N	04W	3												.6					.6
														L 7					

Total Acres: 0.6

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	
48N	04W	3												X					
														L 7					

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PLACE OF USE: FIRE PROTECTION

Twp	Rge	Sec	NE				NW				SW				SE				<u>Totals</u>
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
48N	04W	3												X					
														L 7					

Method of Determination:

3. ☐ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

<u>Well or Diversion ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
	FRANKLIN	2			

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

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
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N/A

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: MEASUREMENT OF DIVERSION RATE COVERED UNDER IDAPA RULES 37.03.02.035.01.r.
FIELD EXAM REQUIRED TO VERIFY ONLY 1 HOME PRESENT.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = .6 \text{ AC} \times 3 \text{ AF} = 1.8 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03 \times 246 \times 1.9835 = 14.6 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1.8 \text{ AF}$$

2. Volume Calculations for Other Uses: DOMESTIC USE FOR 1 HOME = 0.6 AF

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM SHOWED ONLY 1 HOME WAS SUPPLIED BY WATER FROM LAKE. IRRIGATION OCCURRING UNDER THIS PERMIT WAS OCCURRING AROUND IMMEDIATE HOME AND LOT THAT WAS ACROSS ROAD FOR FIRE PROTECTION PURPOSES. LICENSE WILL BE ISSUED FOR DOMESTIC FOR 1 HOME OR 0.6 AF. IRRIGATION WILL GIVEN FOR 0.03 CFS FOR THE IRRIGATION OF 0.6 ACRES WITH AN ANNUAL VOLUME OF 1.8 AF. FIRE PROTECTION WILL BE GIVEN AT 0.20 CFS.

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>
IRRIGATION	03/15 to 11/15	0.030 CFS	1.80 AF
DOMESTIC	01/01 to 12/31	0.040 CFS	0.60 AF
FIRE PROTECTION	01/01 to 12/31	0.200 CFS	
<u>Totals:</u>		0.200 CFS	2.40 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

I. AUTHENTICATION

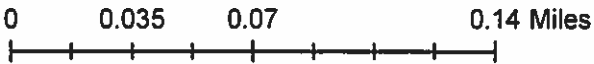
Field Examiner's Name Adam Franklin Date 12-11-2015

Reviewer _____ Date _____

State of Idaho
Department of Water Resources
Water Right License
95-12597

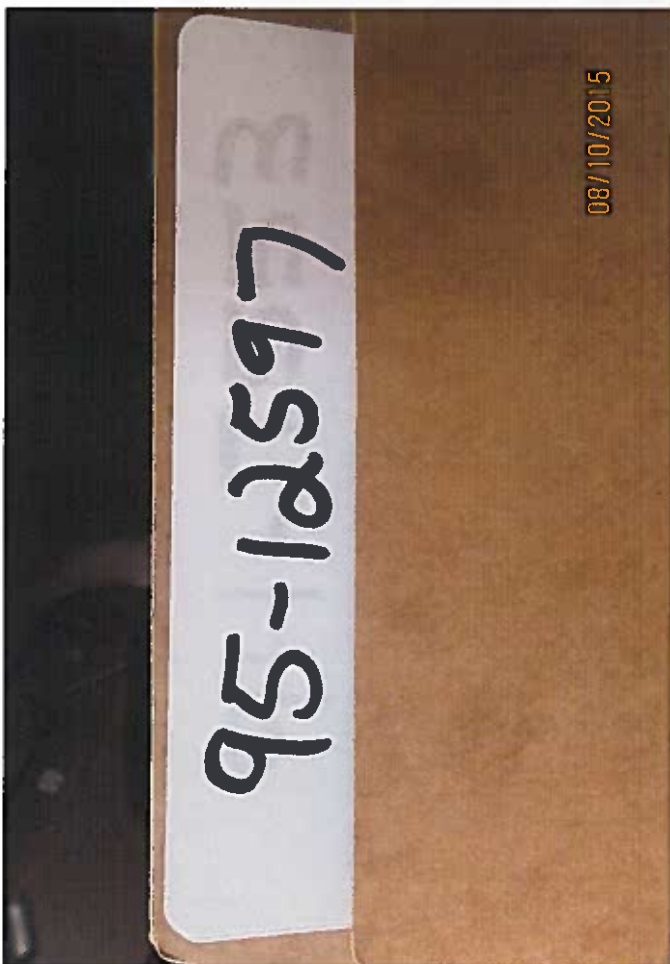
04W

48N

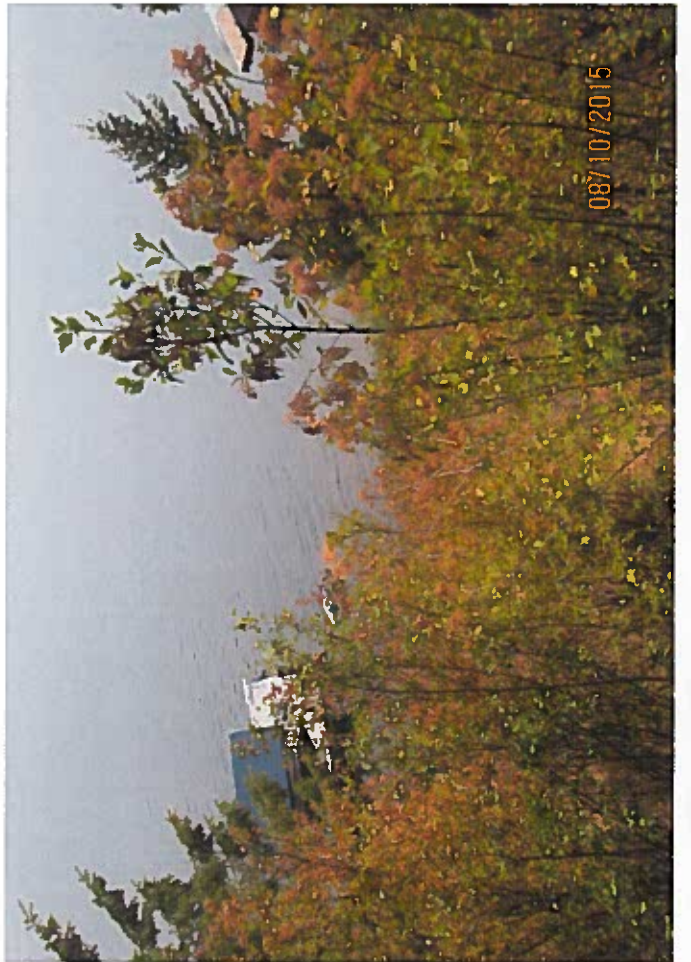


-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections





95-12597



95-12577



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