

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 94-7441

Exam Date: 7/31/2015

1. Current Owner: KIP MC GILLIVRAY
PO BOX 1041
OSBURN ID 83849
(208) 556-0491
2. Accompanied by: Owner

3. SOURCE

GROUND WATER

TRIBUTARY

NORTH FORK COEUR D ALENE RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: n/a
2. Other water rights with the same point of diversion: n/a

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

GROUND WATER SE1/4SW1/4 Sec. 30, Twp 49N, Rge 02E, B.M. SHOSHONE County

Method of Determination: GPS and maps. POD location at 47° 33.622, 116° 15.449

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	
49N 02E 30												1.0					1.0

Total Acres: 1

Method of Determination: GPS and maps

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</u> <u>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</u> <u>Size</u>
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HAND DUG WELL

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>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.

F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1 \text{ AC} \times 3 \text{ AF} = 3 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03 \times 231 \times 1.9835 = 13.7 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3 \text{ AF}$$

2. Volume Calculations for Other Uses:**G. NARRATIVE/REMARKS/COMMENTS**

SITE VISIT REQUIRED TO VERIFY ACTUAL ACREAGE IRRIGATED. SITE VISITED SHOWED ONLY 1 ACRE OF LAND BEING IRRIGATED. APPLICANT SAID BECUASE FISH AND GAME HAD SO MANY RULES FOR HIM TO PULL OUT OF RIVER THAT HE HAD DRIVEN SMALL CASING INTO GROUND 10 FEET FROM RIVER AND HAD ELIMINATED SEDIMENT AND FISH SCREEN REQUIREMENTS FROM FISH AND GAME. THIS HAND DUG WELL IS GROUNDWATER AND NOT SURFACE WATER SO LICENSE WILL SHOW THE SOURCE BEING GROUNDWATER WHICH IS TRIBUTARY TO THE NORTH FORK COEUR D'ALENE RIVER.

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 10/31	0.030 CFS	3.00 AF
<u>Totals:</u>		0.030 CFS	3.00 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

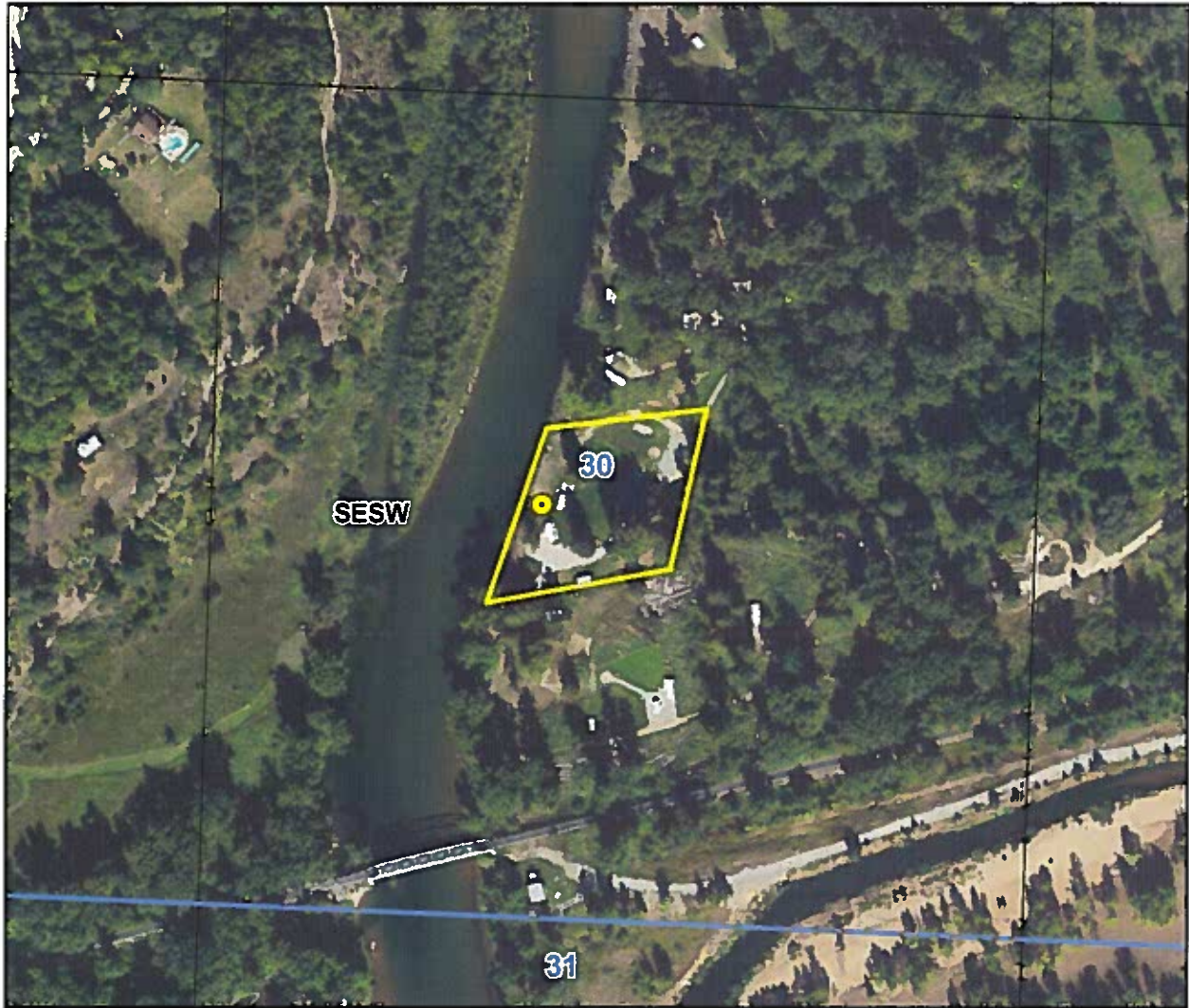
Field Examiner's Name Adam Engelert Date 8-4-2015

Reviewer Keith E. Franklin Date 8/18/15

State of Idaho
Department of Water Resources
Water Right License
94-7441

02E

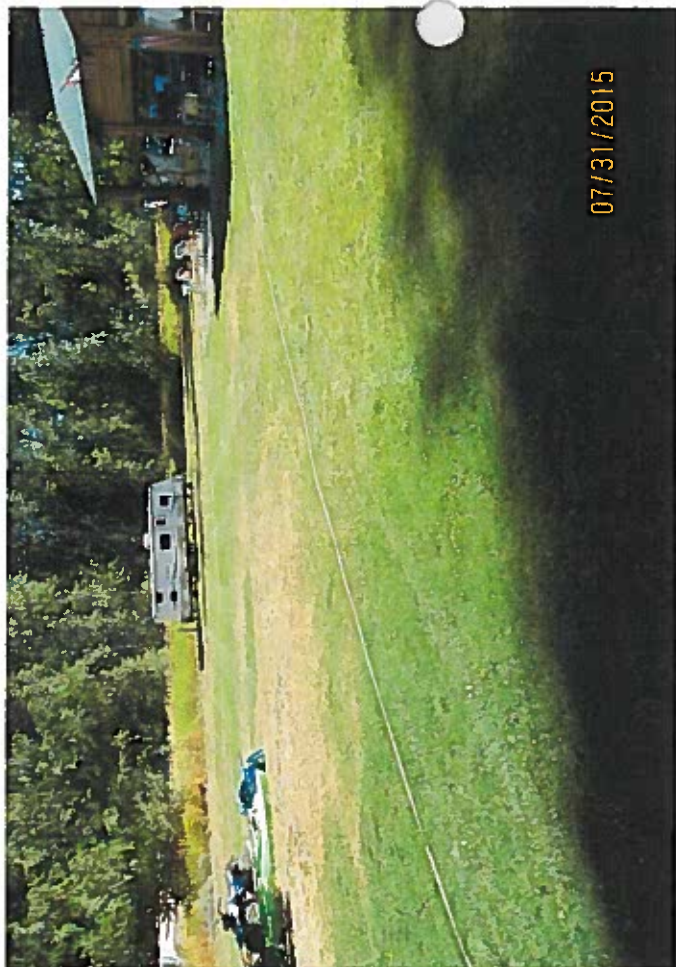
49N



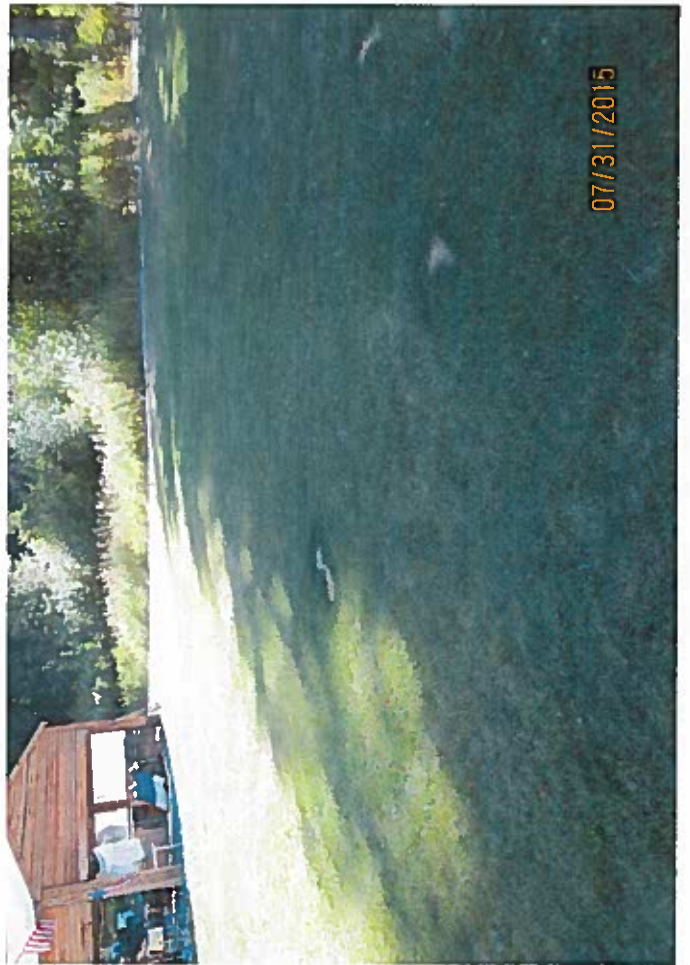
-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.035 0.07 0.14 Miles





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07/31/2015

