

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-16745

Exam Date: 4/28/2015

1. Current Owner: JOSEPH CULBRETH
206 N HUBBARD ST
COEUR D ALENE ID 83814
(208)659-1953

And/Or

SHARON CULBRETH
206 HUBBARD ST
COEUR D ALENE ID 83814

2. Accompanied by: Joseph Culbreth

3. SOURCE**TRIBUTARY**

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 95-8941 (Irrigation, Stepping Stone Home Owners Assn)
2. Other water rights with the same point of diversion: 95-16746

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

GROUND WATER SE1/4SW1/4 Sec. 34, Twp 52N, Rge 04W, B.M. KOOTENAI County

Method of Determination: GPS and maps. POD location at 47° 48.298, 116° 49.190 (A0003295)

2.

PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
52N 04W 34												X					

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
52N 04W 34												4.0					4.0

Total Acres: 4

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</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>
D0061947	FRANKLIN	15HP			

*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>
FLOW METER ON SYSTEM						

2. Measurements: TIMED FOR 60 SECONDS, 79 GPM OR 0.18 CFS

E. FLOW CALCULATIONS

Measured Method:

☐ Additional Computation Sheets Attached

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

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 4 \text{ AC} \times 3 \text{ AF} = 12.0 \text{ AF}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.12 \times 246 \times 1.9835 = 58.6 \text{ AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 12.0 \text{ AF}$$

2. Volume Calculations for Other Uses: DOMESTIC USE FOR 1 HOME = 0.6 AF**G. NARRATIVE/REMARKS/COMMENTS**

DOMESTIC USE IS FOR 1 HOME, IRRIGATION IS FOR 4 ACRES. THIS LICENSE SHARES THE SAME WELL AS WATER RIGHT 95-16746, D0061947. FLOW MEASUREMENT USING FLOW METER ON WELL SHOWED RATE OF 79 GPM OR 0.18 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>
DOMESTIC	01/01 to 12/31	0.040 CFS	0.60 AF
IRRIGATION	03/15 to 11/15	0.120 CFS	12.00 AF
<u>Totals:</u>		0.120 CFS	12.60 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 Frederick Date 5-28-2015

Reviewer [Signature] Date 6-22-2015

State of Idaho
Department of Water Resources
Water Right License
95-16745

DOMESTIC



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

0 0.03 0.06 0.12 Miles



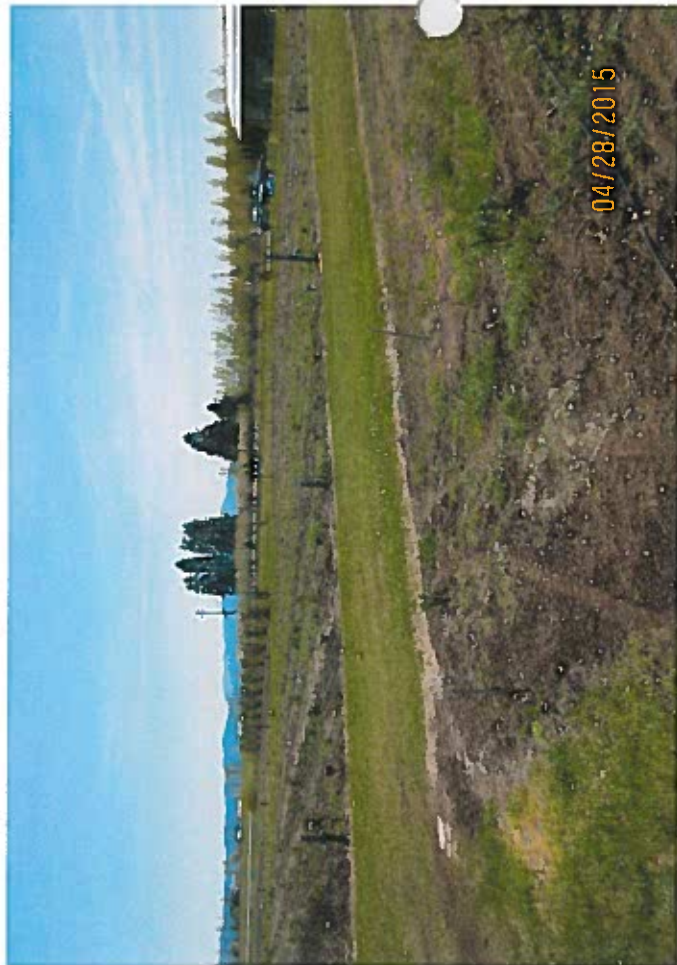
State of Idaho
Department of Water Resources
Water Right License
95-16745
IRRIGATION



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

0 0.03 0.06 0.12 Miles





95-16745

95-16745



95-16745



95-16745



95-16745