

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9447

Exam Date: 6/4/2015

1. Current Owner: JEFFERY A TOBIN
260 S YOUNG AVE
POST FALLS ID 83854
(208)664-6079

And/Or

CAROL A TOBIN
260 S YOUNG AVE
POST FALLS ID 83854
(208)664-6079

2. Accompanied by: Jeff Tobin

3. SOURCE**TRIBUTARY**

GROUND WATER

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:**

GROUND WATER SW1/4SE1/4 Sec. 5, Twp 50N, Rge 04W, B.M. KOOTENAI County

Method of Determination: GPS and maps. POD location at 116° 51.592, 47° 42.117 (D0055497) (A0015402)

2.

PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
50N 04W 5	<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>	
															X		

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
50N 04W 5	<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>	
															.8		.8

Total Acres: 0.8

Page 2

[illegible]

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>
D0055497	FRANKLIN	5			

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>
----------------------------------	-------------	-------------	------------------	-------------------	-------------	--------------------

2. Measurements: N/A

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: 5 GALLON BUCKET TEST. 7 SECONDS TO FILL 5 GALLON BUCKET. 43 GPM OR .1 CFS

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

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = .8 \text{ AC} \times 3 \text{ AF} = 2.4 \text{ AF}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.02 \times 246 \times 1.9835 = 9.8 \text{ AF}$$

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

2. Volume Calculations for Other Uses: DOMESTIC USE FOR 3 HOMES $\times 0.6 \text{ AF} = 1.8 \text{ AF}$. COMMERCIAL USE FOR 1 KITCHEN AND BATHROOM WITH AVERAGE DAILY CONSUMPTION AT 250 GPD $\times 365 \text{ DAYS} = 91,250 / 325,850 = 0.3 \text{ AF}$.

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM SHOWED 3 HOMES, WITH 0.8 ACRES OF IRRIGATION AND 1 COMMERCIAL KITCHEN. 5 GALLON BUCKET TEST SHOWED 43 GPM OR 0.1 CFS. 0.6 ACRE FEET WILL BE GIVEN TO EACH HOME AND 2.4 ACRE FEET WILL BE GIVEN FOR IRRIGATION. COMMERCIAL KITCHEN WITH BATHROOM USED ON AVERAGE 250 GPD OR 0.3 ACRE FEET. WATER RIGHT WILL BE GIVEN FOR 0.1 CFS AND TOTAL ANNUAL VOLUME OF 4.5 ACRE FEET.

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	0.080 CFS	1.80 AF
IRRIGATION	03/15 to 11/15	0.020 CFS	2.40 AF
COMMERCIAL	01/01 to 12/31	0.080 CFS	0.30 AF
<u>Totals:</u>		0.100 CFS	4.50 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 10-1-2015

Reviewer [Signature] Date 10-2-2015

State of Idaho
Department of Water Resources
Water Right License
95-9447

04W

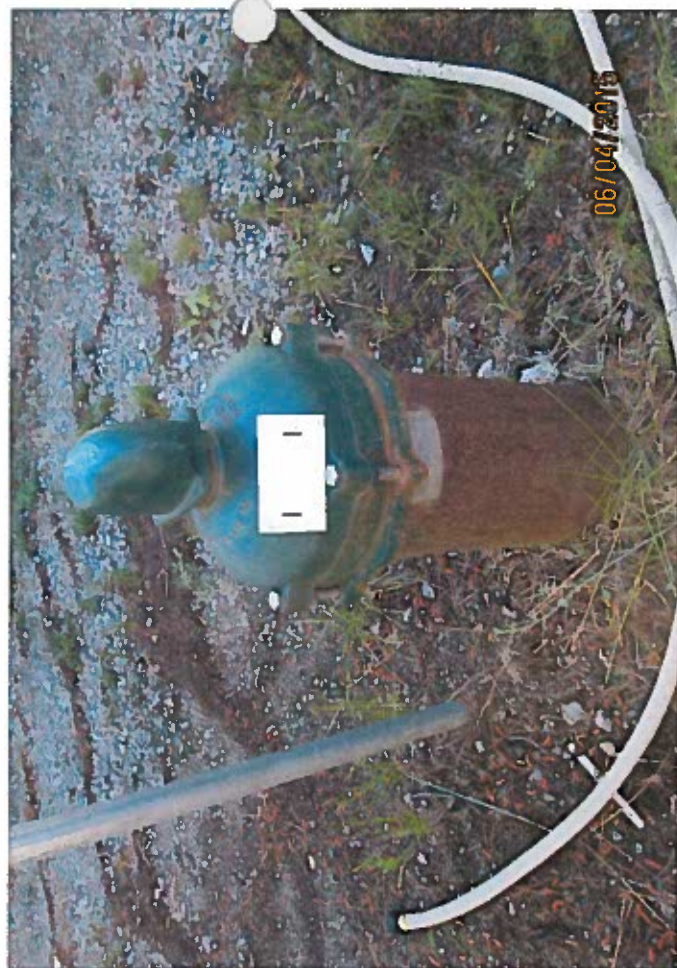
50N



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

0 0.035 0.07 0.14 Miles

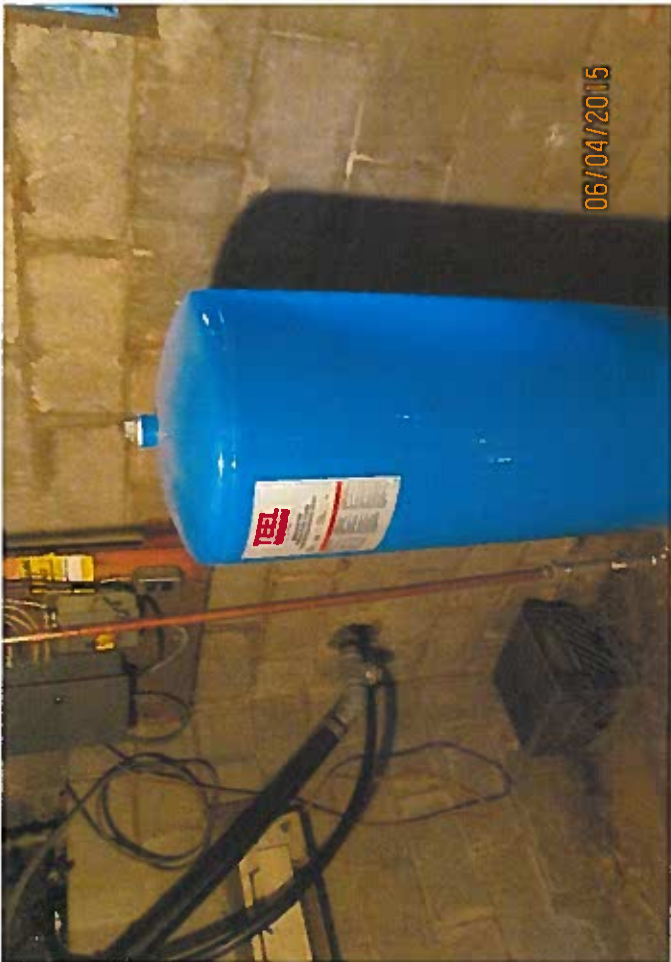
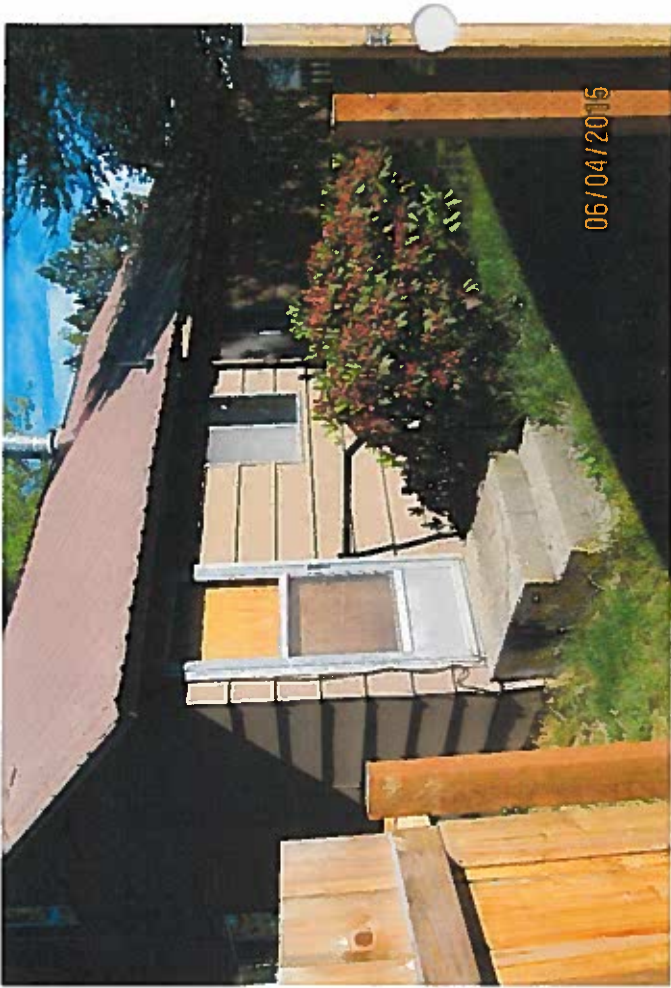




95-9447



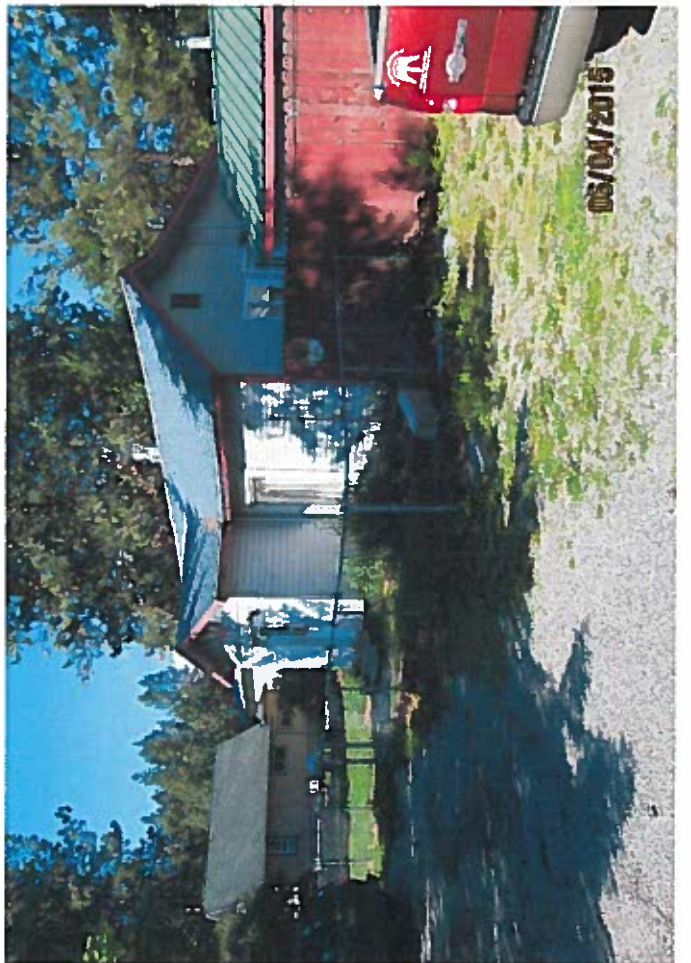
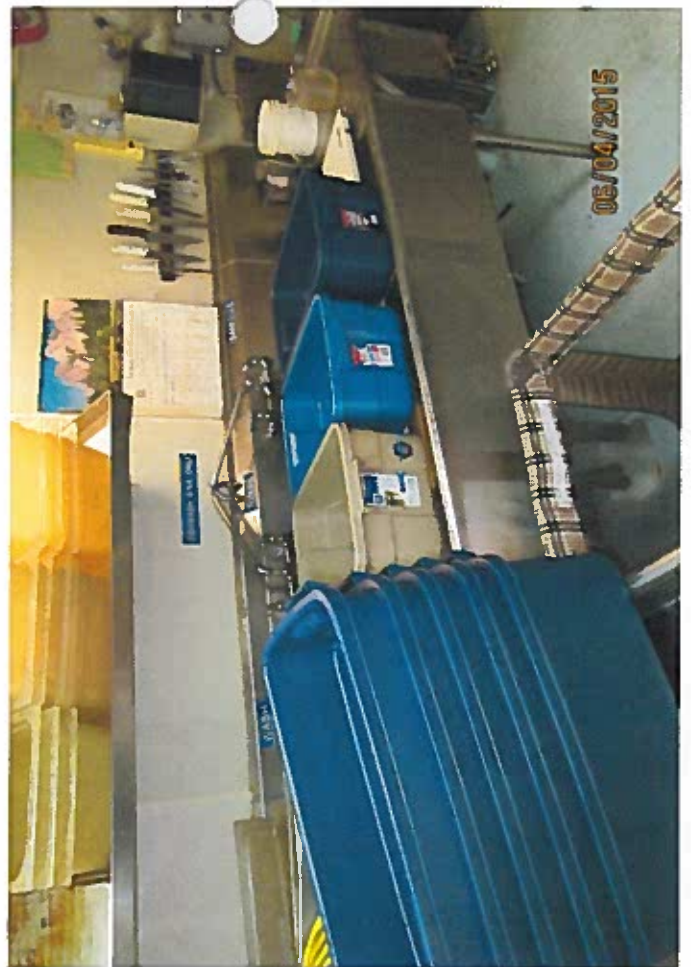
95-9447



95-9447



95-9447



95-9447



95-9447