

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-10936

Exam Date: 5/22/2015

1. Current Owner: RAY MILKS
6249 STURGEON RD
RATHDRUM ID 83858
(208)687-2443

And/Or

LAURA MILKS
6249 STURGEON RD
RATHDRUM ID 83858
(208)687-2443

2. Accompanied by: Ray Milks

3. SOURCE

RATHDRUM CREEK

TRIBUTARY

SINKS

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 95-7114
2. Other water rights with the same point of diversion: 95-7114

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

RATHDRUM CREEK SW1/4SW1/4 Sec. 17, Twp 52N, Rge 04W, B.M. KOOTENAI County

Method of Determination: GPS and maps. POD location at 116° 52.159, 47° 50.870 (A0003297)

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			<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>	
52N	04W	17											1.0						1.0

Total Acres: 1

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>
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UNKNOWN PUMP SIZE

*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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2. Measurements: N/A

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:

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

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

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 3 \text{ AF}$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM REQUIRED TO VERIFY ACREAGE BECUASE IT WAS NOT VISIBLE WITH SATELITE PHOTOS.
IRRIGATION OF 1 ACRE VERIFIED ON FIELD EXAM. MEASUREMENT OF DIVERSION RATE COVERED UNDER
IDAPA RULES 37.03.02.035.01.r.

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	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

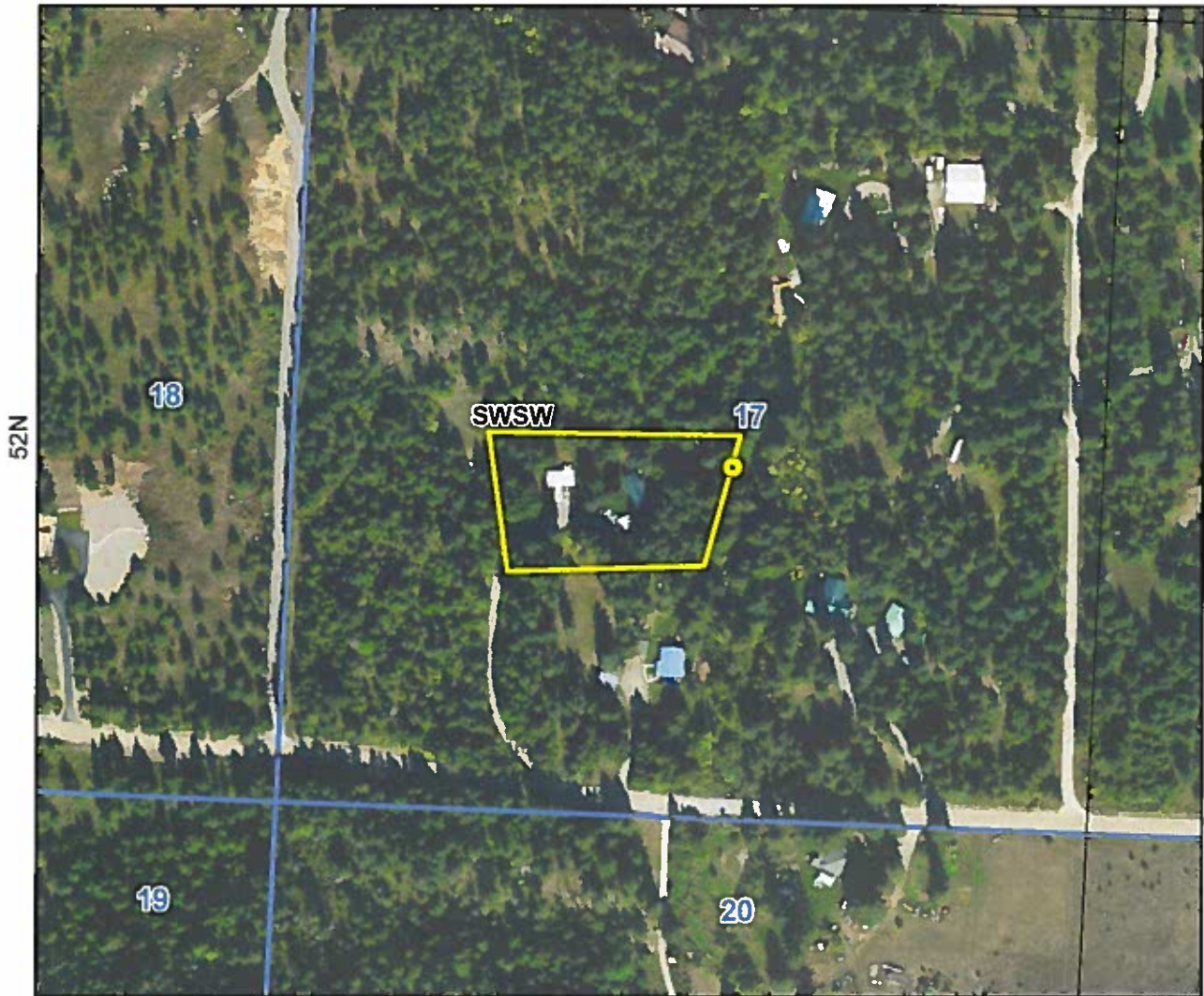
I. AUTHENTICATION

Field Examiner's Name Adam Franklin Date 9-15-2015

Reviewer Eric R. [Signature] Date 10-2-2015

State of Idaho
Department of Water Resources
Water Right License
95-10936

04W



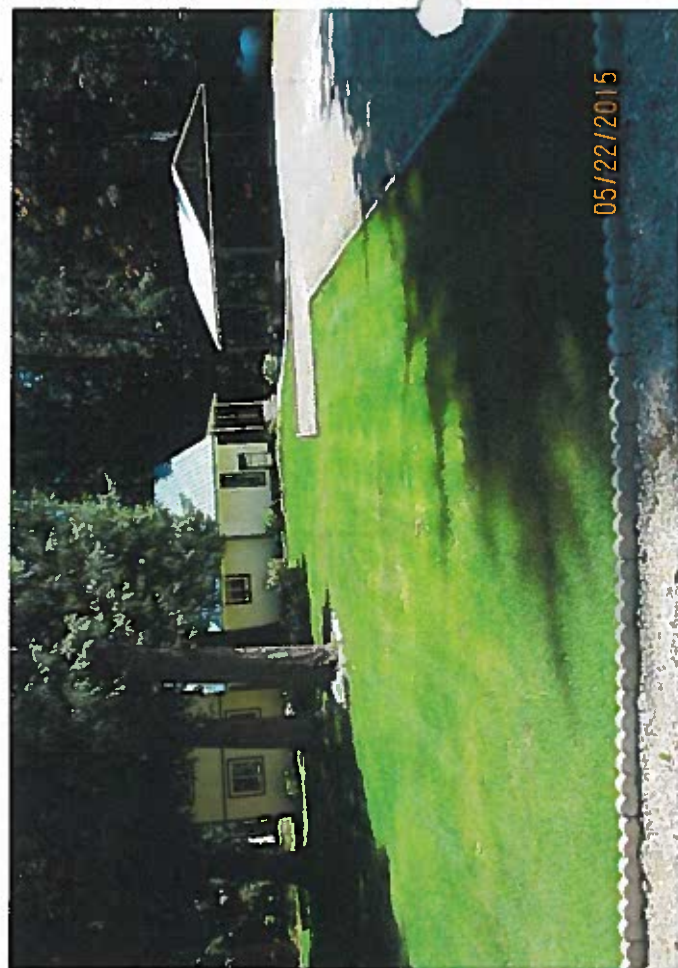
-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

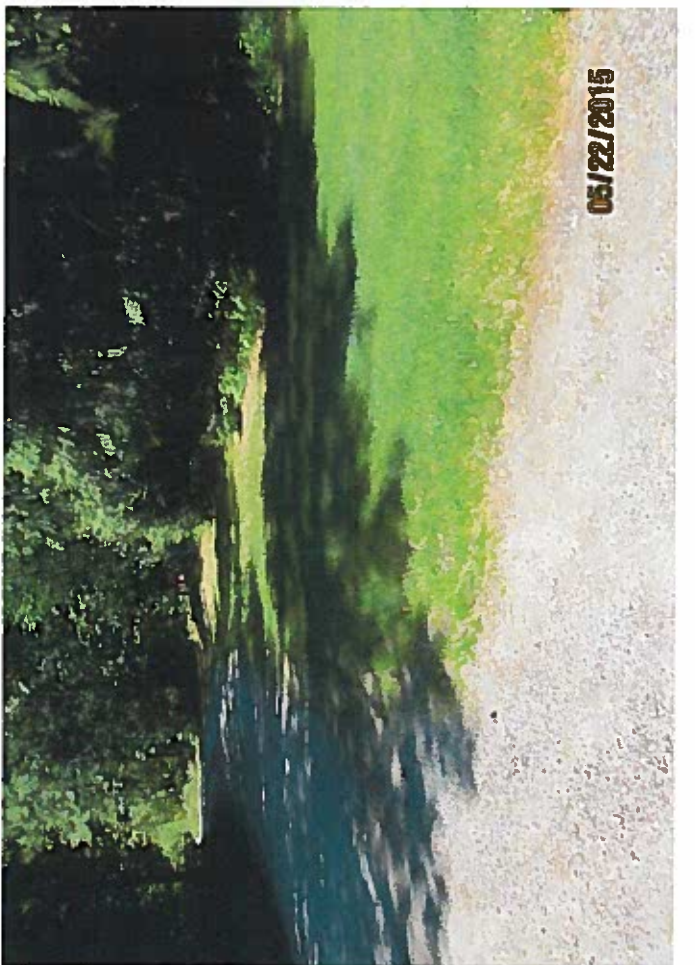
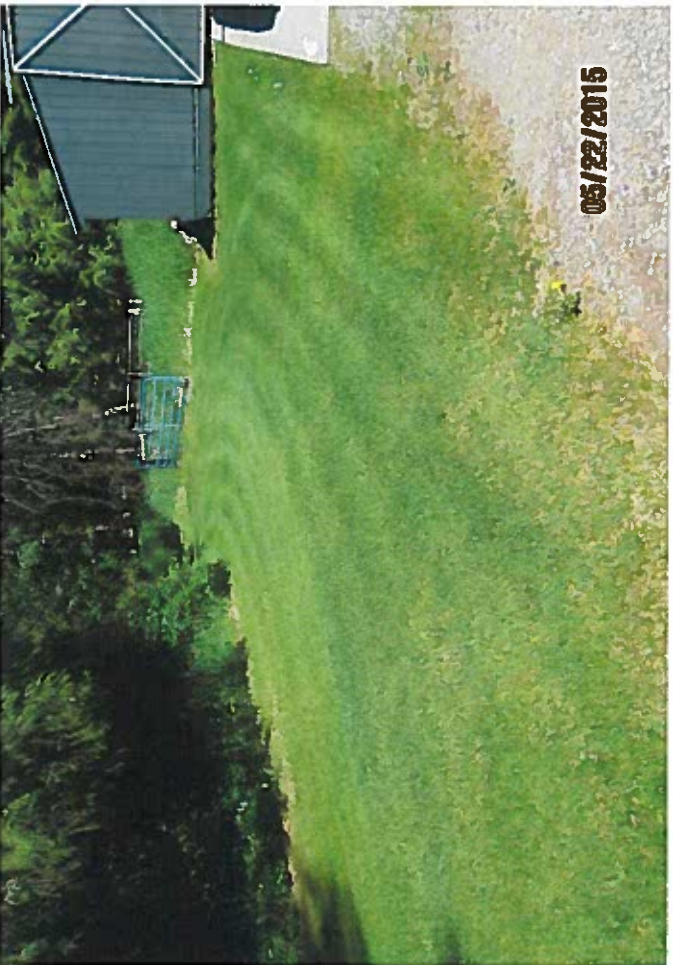
0 0.035 0.07 0.14 Miles



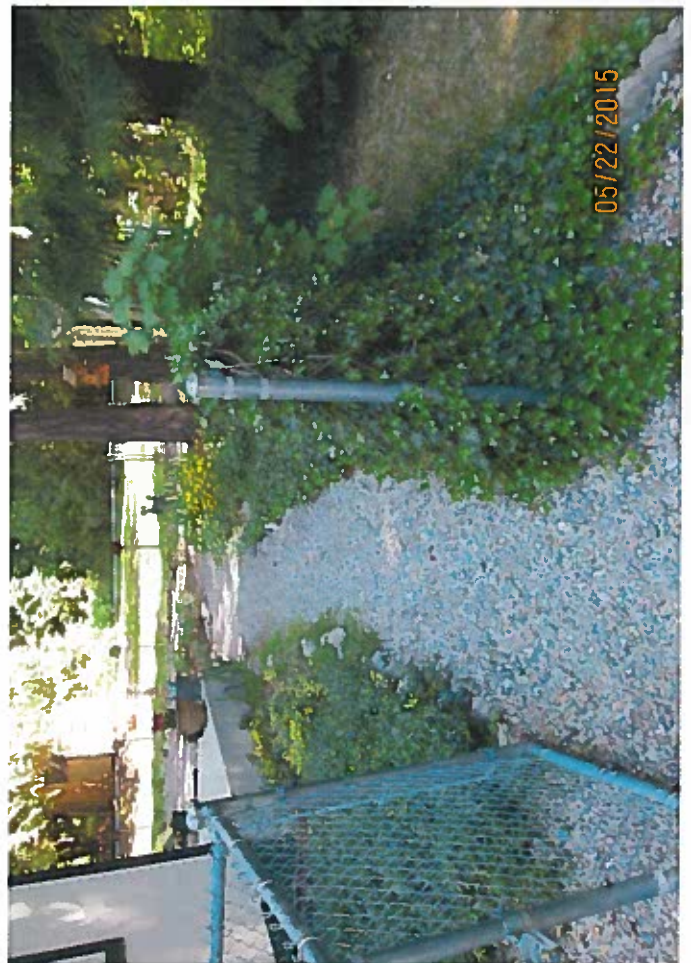
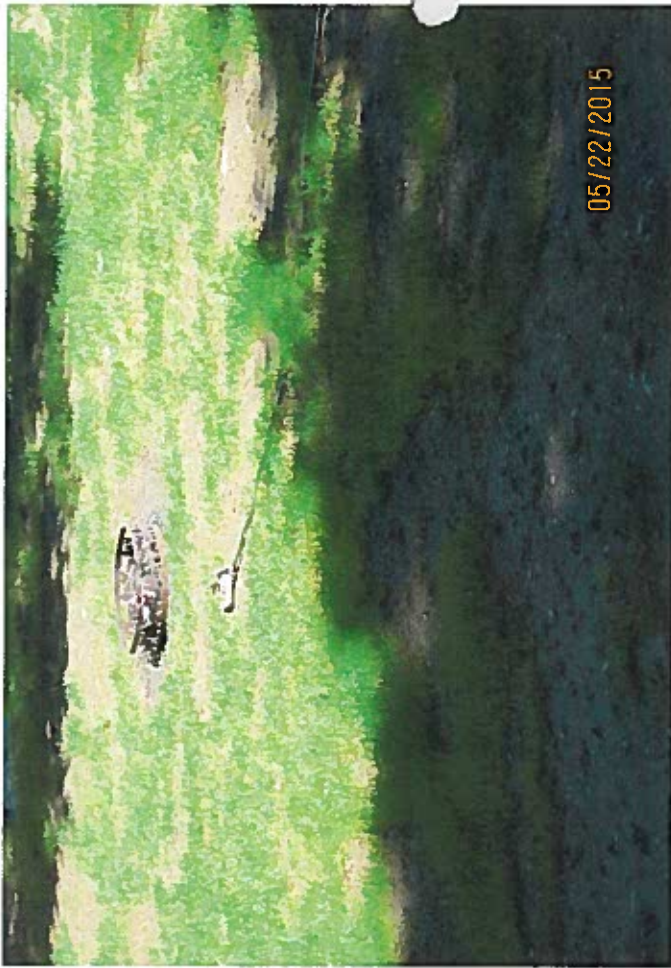


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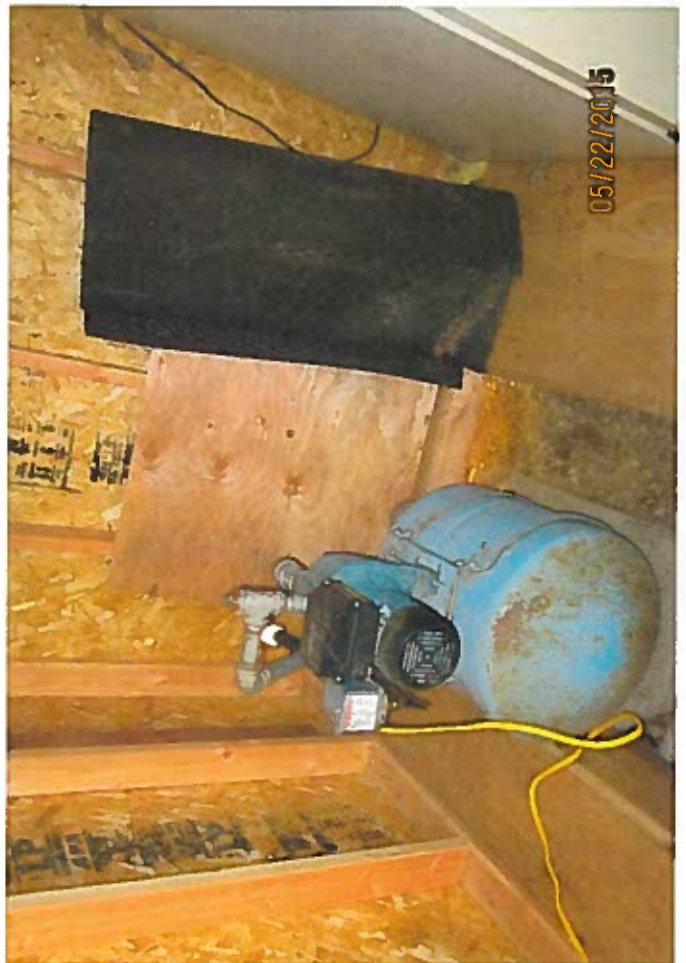
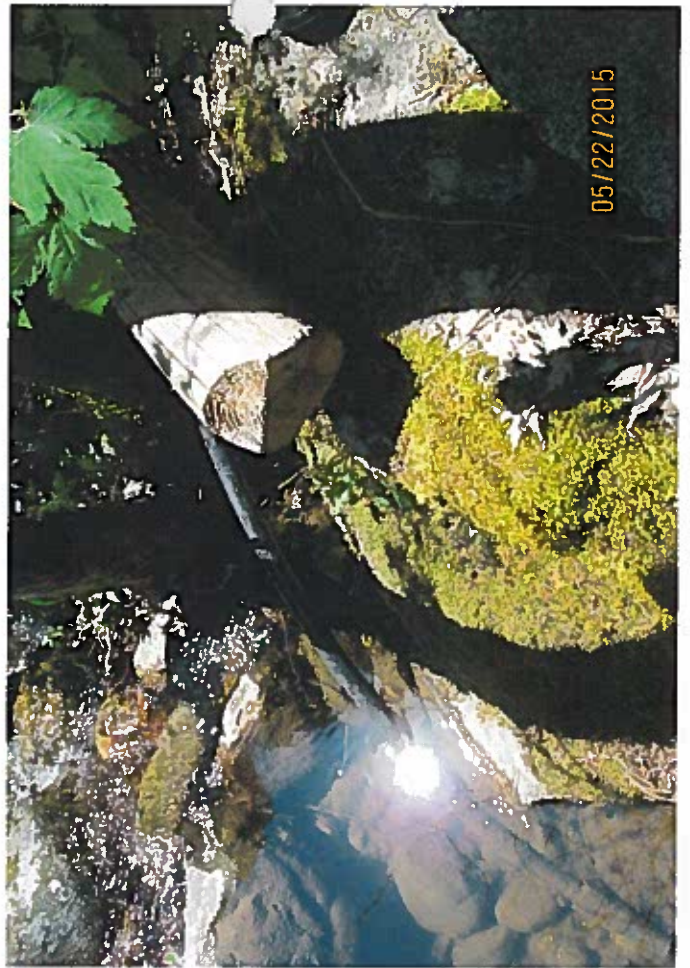




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