

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-11133

Exam Date: 6/4/2015

1. Current Owner: PAMELA WOODWORTH
1699 S MEADOWBROOK ACRES RD
COEUR D'ALENE ID 83814-9022
(208)818-9152
2. Accompanied by: Russ Woodworth

3. SOURCE

SPRING

TRIBUTARY

UNAMED STREAM

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:

SPRING SE1/4NE1/4 Sec. 20, Twp 50N, Rge 04W, B.M. KOOTENAI County

Method of Determination: Google earth and maps.

2.

PLACE OF USE: DIVERSION TO STORAGE

[illegible]

[illegible][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</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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N/A

*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: 5 GALLON BUCKET TEST FILLED IN 15 SECONDS EQUAL TO 20 GPM.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses: SEE ATTACHED POND ANALYSIS SHEET

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM SHOWED A FLOW THROUGH RATE OF 0.05 CFS FROM POND LEAVING TO UNNAMED SEASONAL STREAM. 0.05 CFS WAS MEASURED BY 5 GALLON BUCKET MEASUREMENT CONDUCTED BY IDWR STAFF. DIVERSION TO STORAGE RATE WAS NOT ABLE TO BE MEASURED, BUT USING AMOUNT LEAVING POND AND FACTORING IN EVAPORATION AND SEEPAGE DIVERSION TO STORAGE RATE WILL BE GIVEN 0.06 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>
DIVERSION TO STORAGE	01/01 to 12/31	0.060 CFS	
WILDLIFE STORAGE	01/01 to 12/31		4.40 AF
WILDLIFE	01/01 to 12/31	0.050 CFS	36.20 AF
<u>Totals:</u>		0.060 CFS	40.60 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 Friedman

Date

12-1-2015

Reviewer

Eric [Signature]

Date

12-2-2015

State of Idaho
Department of Water Resources
Water Right License
95-11133



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

0 0.035 0.07 0.14 Miles



WATER RIGHT 95-11133
POND ANALYSIS SHEET

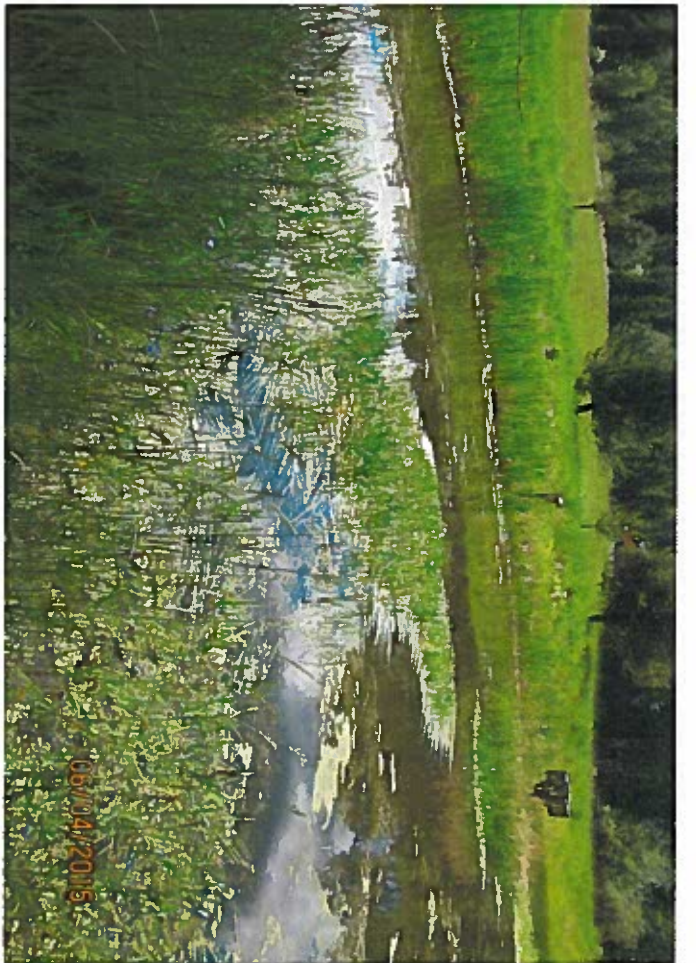
POND SIZE: $13,000 \text{ SQFT} / 43,560 = 0.3 \times 8 \text{ FT DEEP} = 2.4 \text{ AF}$
EVAPORATION: $810 \text{ GPD} \times 365 \text{ DAYS} / 325,850 \text{ GAL/AF} = 0.9 \text{ AF}$
SEEPAGE: $972 \text{ GPD} \times 365 \text{ DAYS} / 325,850 \text{ GAL/AF} = 1.1 \text{ AF}$

0.06 CFS DIVERSION TO STORAGE

4.4 AF	WILDLIFE STORAGE	A) POND SIZE	2.4 AF
		B) EVAPORATION	0.9 AF
		C) SEEPAGE	1.1 AF
	TOTAL		4.4 AF

0.05 CFS WILDLIFE FLOW THROUGH (ANNUAL VOLUME 36.2 AF)

ANNUAL VOLUME OF 40.6 AF
0.06 CFS DIVERSION RATE



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