

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-11051

Exam Date: 4/30/2015

1. Current Owner: DANE HOSSLEY
1500 TRIANGLE 7 RD
HAYDEN LAKE ID 83835
(208)772-8158

And

KAY HOSSLEY
15200 TRIANGLE 7 RD
HAYDEN LAKE ID 83835
(208)772-8158

2. Accompanied by: Dane Hossley

- | 3. <u>SOURCE</u> | <u>TRIBUTARY</u> |
|------------------|------------------|
| SPRING | STUMP CREEK |

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 SE1/4SW1/4NE1/4 Sec. 35, Twp 52N, Rge 03W, B.M. KOOTENAI County

Method of Determination: GPS and maps. POD location at 47° 48.696, 116° 39.811

2.

PLACE OF USE: WILDLIFE STORAGE

[illegible]

PLACE OF USE: DIVERSION TO STORAGE

[illegible]

PLACE OF USE: STOCKWATER FROM STORAGE

[illegible]

PLACE OF USE: STOCKWATER STORAGE

[illegible]

PLACE OF USE: STOCKWATER

[illegible]

PLACE OF USE: DOMESTIC

[illegible]

PLACE OF USE: RECREATION STORAGE

[illegible]

Method of Determination: GPS and maps. POD location at 47° 48.696, 116° 39.811

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>
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N/A

*Code to correspond with No. on map and 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>
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2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: 5 GALLON BUCKET TEST. 5GAL/ 10 SEC = 0.5. 0.5 X 60 SEC = 30GPM OR 0.07 CFS

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

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

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

G. NARRATIVE/REMARKS/COMMENTS

POND DIMENSIONS WERE 141FT X 141FT X 11FT DEEP. LICENSE WILL BE ISSUED FOR SMALLER STORAGE AMOUNTS BASED ON SIZE OF POND. DOMESTIC USE IS FOR EXTERNAL USE UP TO 1/2 ACRE. STOCKWATER IS FOR 40 MIXED HEAD OF STOCK. RECREATIONAL USE IS FOR SWIMMING AND ICE SKATING.

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>
WILDLIFE STORAGE	01/01 to 12/31		8.20 AF
DIVERSION TO STORAGE	01/01 to 12/31	0.070 CFS	
STOCKWATER FROM STORAGE	01/01 to 12/31		0.60 AF
STOCKWATER STORAGE	01/01 to 12/31		8.80 AF
STOCKWATER	01/01 to 12/31	0.020 CFS	0.60 AF
DOMESTIC	01/01 to 12/31	0.040 CFS	0.60 AF
RECREATION STORAGE	01/01 to 12/31		8.20 AF
<u>Totals:</u>		0.070 CFS	8.80 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 Funder Date 5-20-2015

Reviewer [Signature] Date 5-21-2015

**WATER RIGHT 95-11051
POND ANALYSIS SHEET**

POND SIZE: $141\text{FT} \times 141\text{FT} = 19,881 \text{ SQFT} / 43,560 = 0.46 \times 11\text{FT DEEP} = 5.1 \text{ AF}$
EVAPORATION: $1,239 \text{ GPD} \times 365 \text{ DAYS} / 325,850 \text{ GAL/AF} = 1.4 \text{ AF}$
SEEPAGE: $1,487 \text{ GPD} \times 365 \text{ DAYS} / 325,850 \text{ GAL/AF} = 1.7 \text{ AF}$
STOCKWATER: $40 \text{ MIXED STOCK} \times 12 \text{ GPD} \times 365 \text{ DAYS} / 325,850 \text{ GAL/AF} = 0.6 \text{ AF}$

0.07 CFS DIVERSION TO STORAGE

8.2 AF	WILDLIFE STORAGE	A) POND SIZE	5.1 AF
		B) EVAPORATION	1.4 AF
		C) SEEPAGE	1.7 AF
		TOTAL	8.2 AF

8.2 AF	RECREATION STORAGE	A) POND SIZE	5.1 AF
		B) EVAPORATION	1.4 AF
		C) SEEPAGE	1.7 AF
		TOTAL	8.2 AF

8.8 AF	STOCKWATER STORAGE	A) POND SIZE	5.1 AF
		B) EVAPORATION	1.4 AF
		C) SEEPAGE	1.7 AF
		D) STOCKWATER	0.6 AF
		TOTAL	8.8 AF

0.6 AF STOCKWATER FROM STORAGE

0.02 CFS STOCKWATER

0.04 CFS DOMESTIC

8.8 AF TOTAL STORAGE
0.07 CFS DIVERSION

State of Idaho
Department of Water Resources
Water Right License
95-11051

WILDLIFE STORAGE, STOCKWATER STORAGE, AND RECREATION STORAGE

03W



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

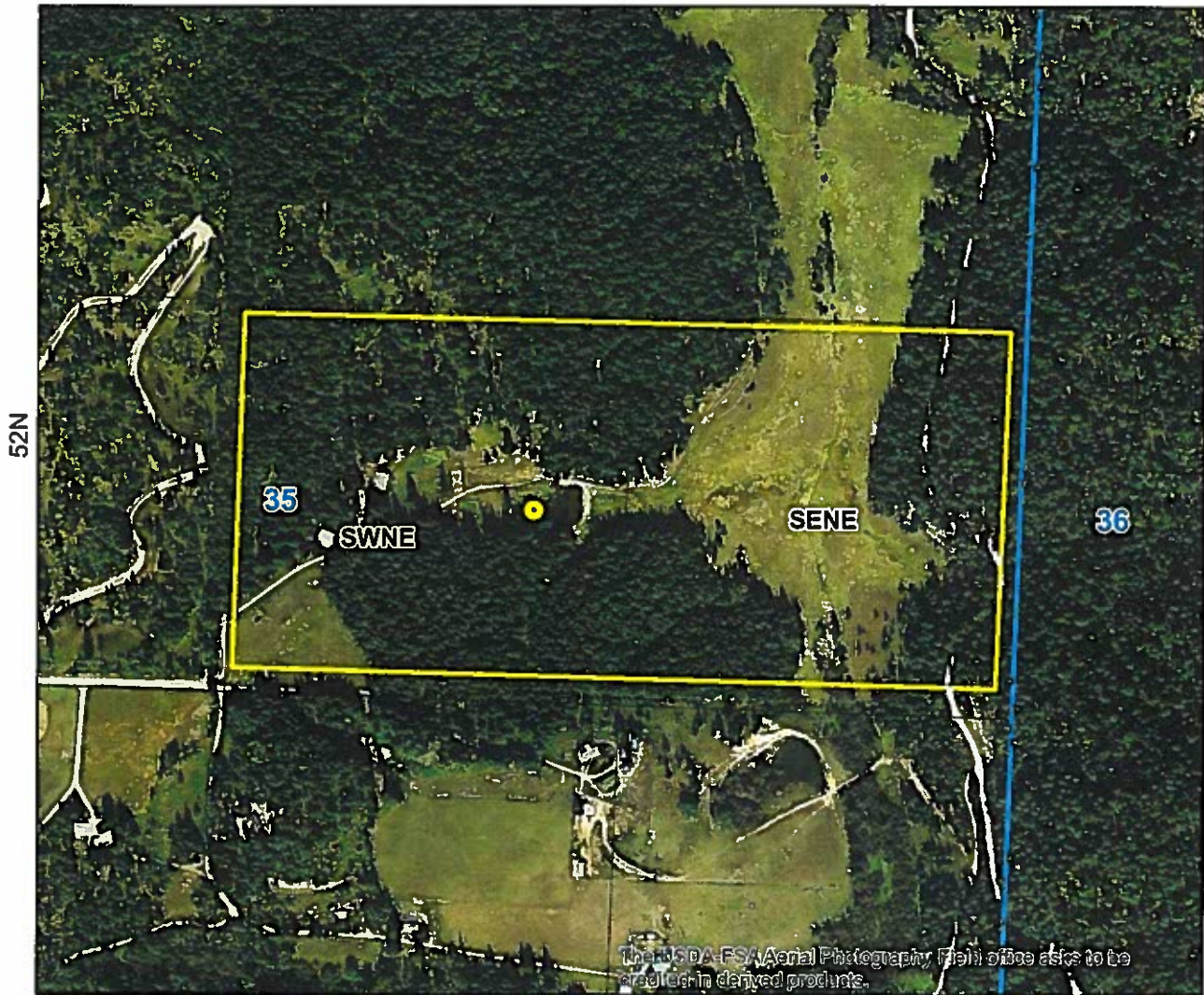
0 0.015 0.03 0.06 Miles



State of Idaho
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STOCKWATER FROM STORAGE AND STOCKWATER

03W



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

0 0.075 0.15 0.3 Miles



State of Idaho
Department of Water Resources
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DOMESTIC

03W

52N



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

0 0.0225 0.045 0.09 Miles

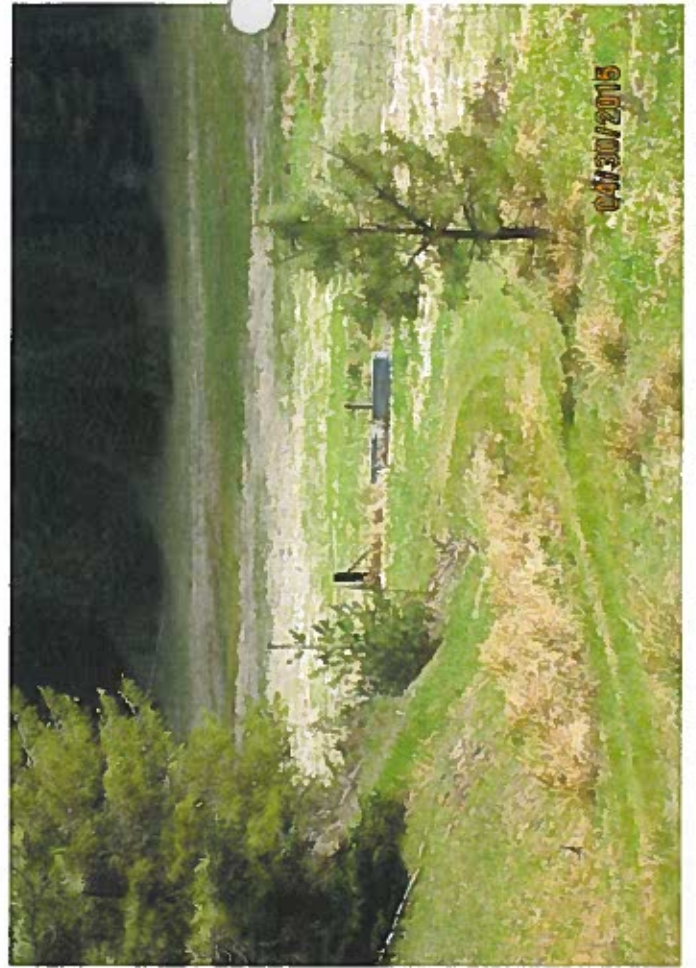


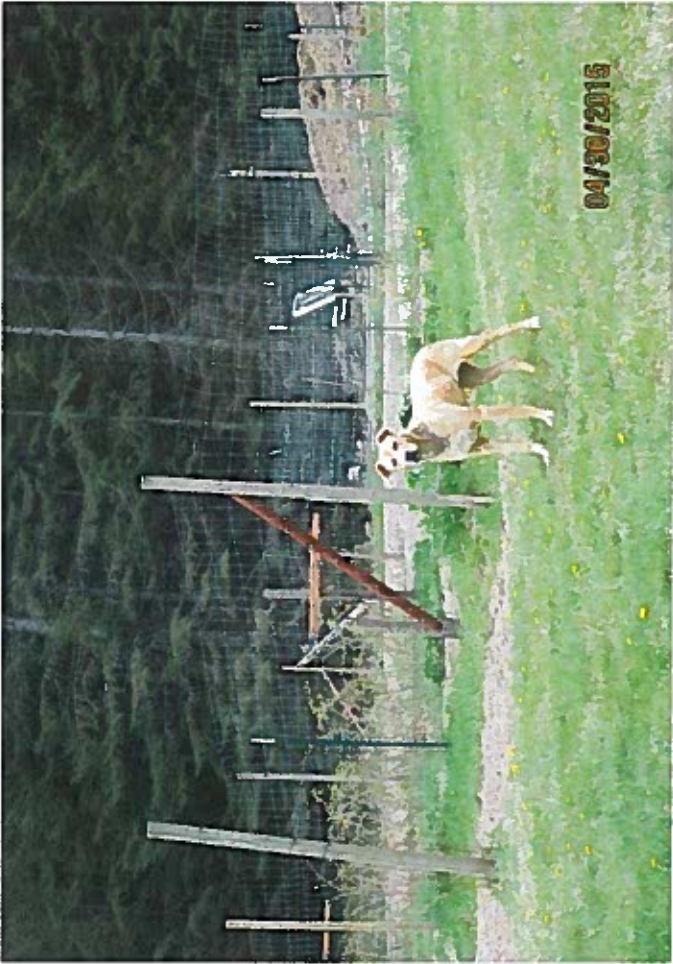
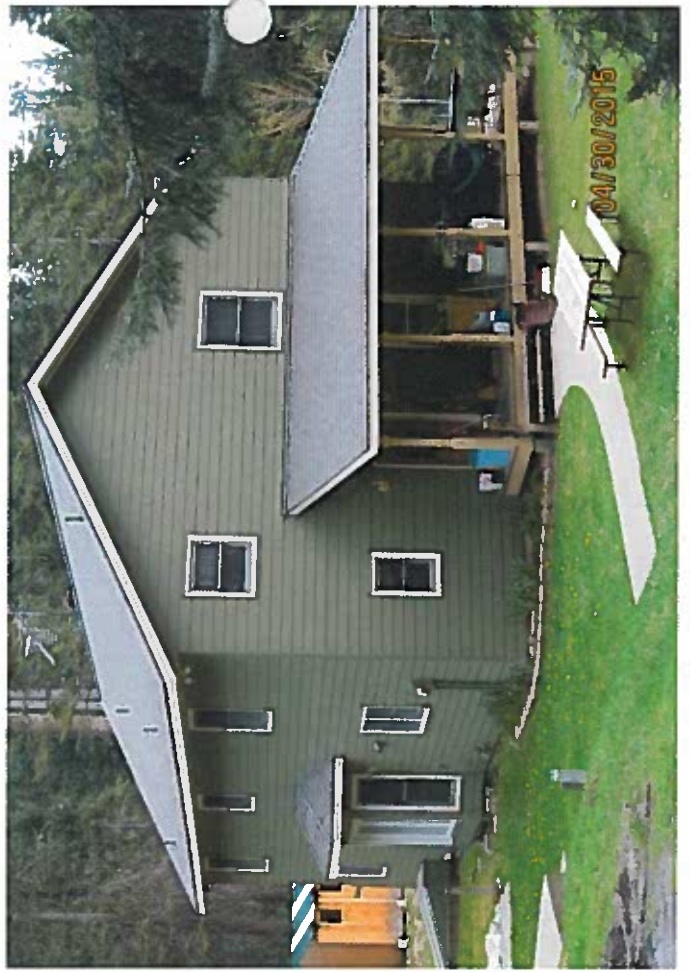


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