

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9291

Exam Date: 7/9/2014

1. Current Owner: JOHN T GIESEN
7124 ENGLISH POINT RD
HAYDEN ID 83835
(208)772-2076
2. Accompanied by: John Giesen

3. SOURCE
SPRING

TRIBUTARY SINKS

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 95-10759
2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

SPRING L1 NE1/4NE1/4NE1/4 Sec. 3, Twp 52N, Rge 03W, B.M. KOOTENAI County

Method of Determination: GPS and Maps. POD location at 116° 40.685W, 47° 53.352N (A0003235)

2.

PLACE OF USE: STOCKWATER

[illegible]

PLACE OF USE: IRRIGATION

[illegible]

Total Acres: 5

PLACE OF USE: DOMESTIC

[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.

Well or Diversion**ID No.*****Motor Make****Hp****Motor Serial No.****Pump Make****Pump Serial No. or Discharge
Size**

A0003235

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement**Equipment****Type****Make****Model No.****Serial No.****Size****Calib. Date**

N/A

2. Measurements:

E. FLOW CALCULATIONS

Measured Method: 6 SPRINKLER HEADS ON AT 7GPM EACH. 42GPM OR 0.1CFS

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 5\text{AC} \times 3\text{AF} = 15\text{AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.1 \times 214 \times 1.9835 = 42.4\text{AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 15\text{AF}$$

2. Volume Calculations for Other Uses: DOMESTIC USE = 0.6AF. LIVESTOCK USE = 0.2AF

G. NARRATIVE/REMARKS/COMMENTS

SPRING USED FOR DOMESTIC USE FOR 1 HOME, STOCKWATER FOR 7 MIXED STOCK, AND IRRIGATION OF 5 ACRES. 1HP PUMP FOR DOMESTIC AND STOCKWATER. IRRIGATION IS GRAVITY FEED SYSTEM.

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>
STOCKWATER	01/01 to 12/31	0.020 CFS	0.20 AF
IRRIGATION	04/01 to 10/31	0.100 CFS	15.00 AF
DOMESTIC	01/01 to 12/31	0.040 CFS	0.60 AF
<u>Totals:</u>		0.100 CFS	15.80 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

Eric Plante

Date

12-26-2014

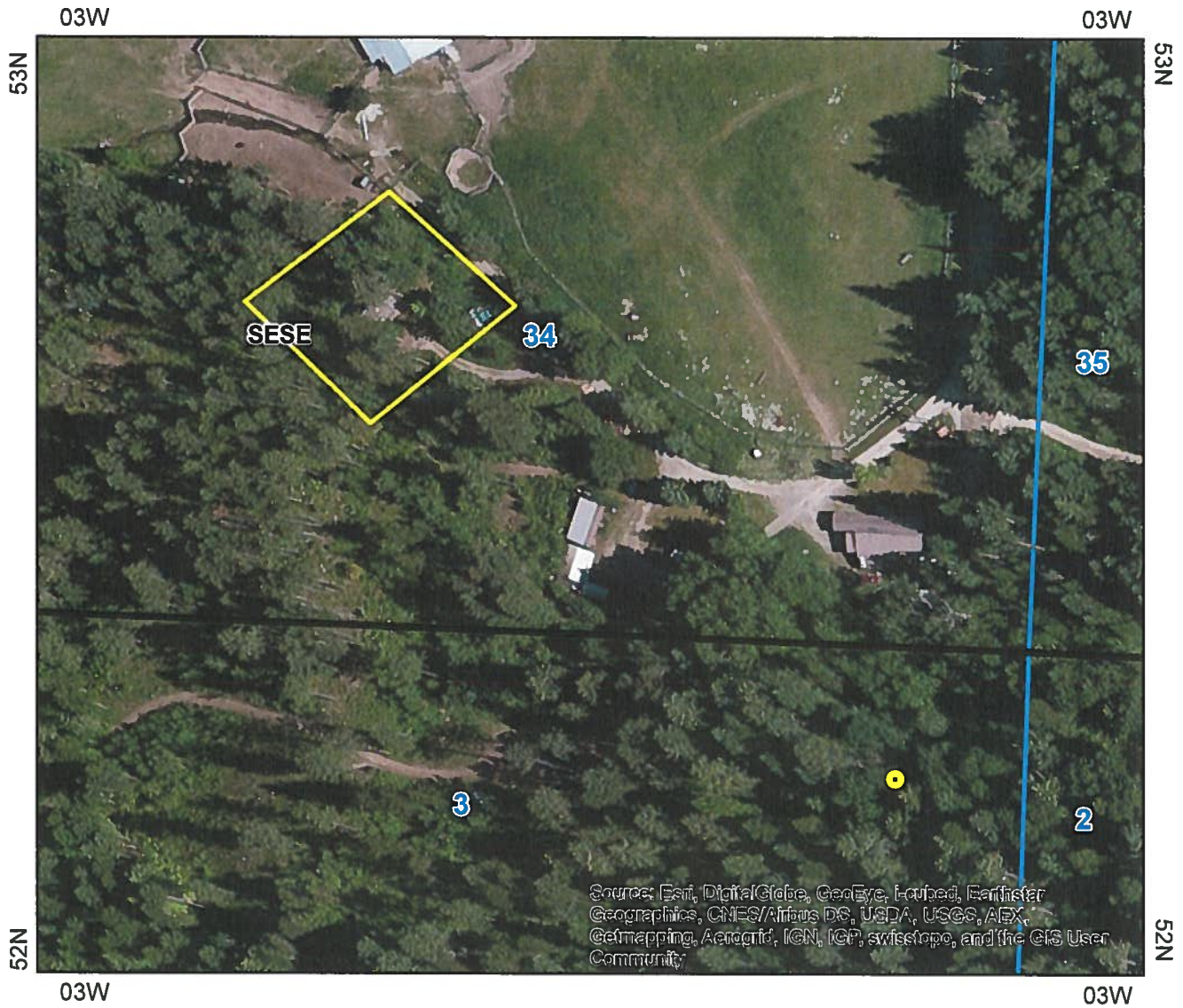
Reviewer

Adam Erickson

Date

12-26-2014

State of Idaho
Department of Water Resources
Water Right License
95-9291
Domestic



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

0 0.015 0.03 0.06 Miles



State of Idaho
Department of Water Resources
Water Right License
95-9291
Irrigation

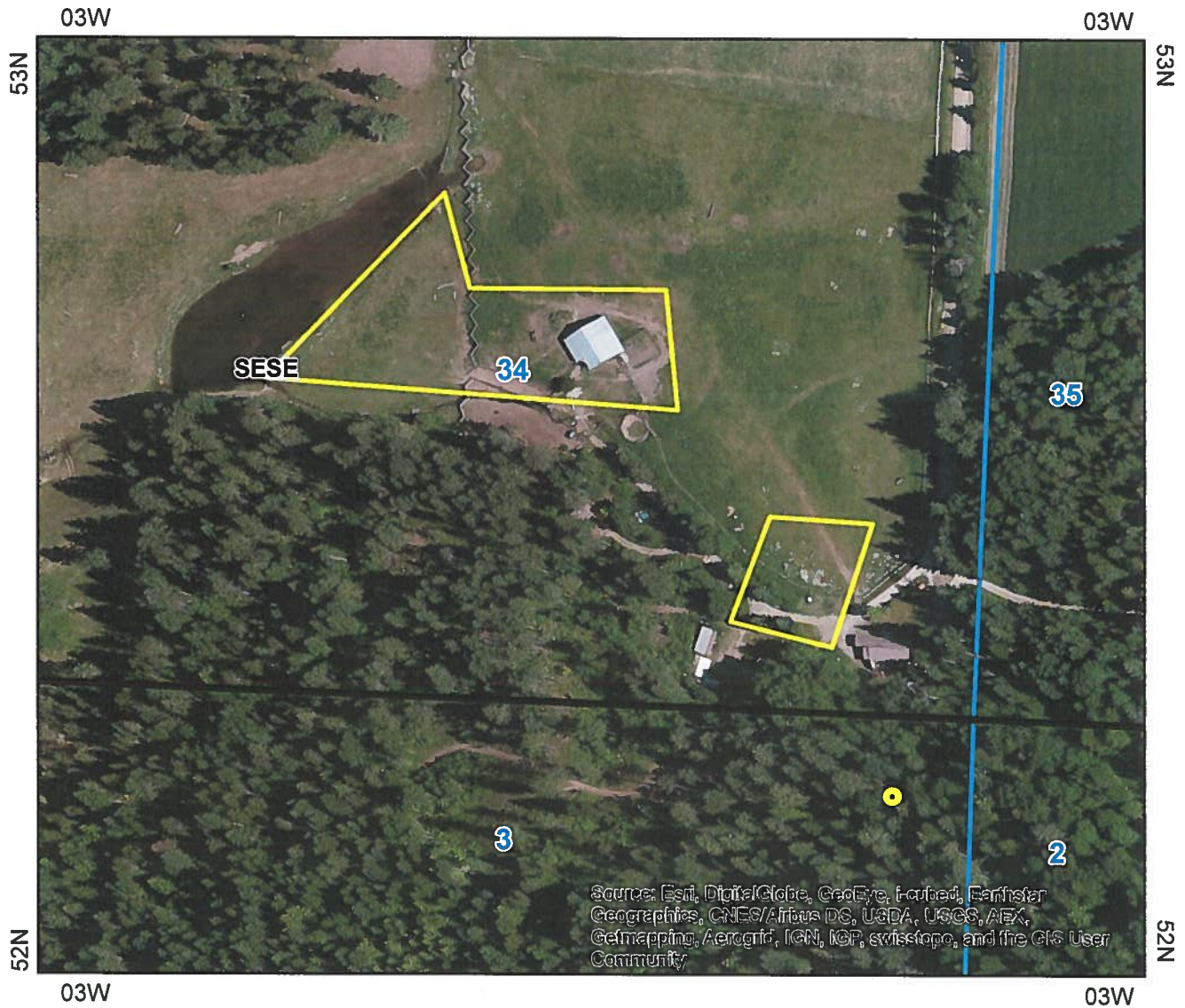


- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections
- Quarter Quarters

0 0.035 0.07 0.14 Miles



State of Idaho
Department of Water Resources
Water Right License
95-9291
Stockwater



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

0 0.0275 0.055 0.11 Miles





Pod

95-9291













Domestic use is for this cabin, 95-9291



