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A. GENERAL INFORMATION

Exam Date: 3/25/2015

1. Current Owner: JOHN DAVIDE
PO BOX 2768
POST FALLS ID 83877
(208) 457-0671
2. Accompanied by: Nobody present, homeowner gave permission to do exam.

TRIBUTARY

SPOKANE RIVER

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

1. LOCATION OF POINT(S) OF DIVERSION:

Method of Determination: GPS and maps. POD location at 47° 40.279, 116° 55.078

PLACE OF USE: DOMESTIC

[illegible]

PLACE OF USE: DOMESTIC STORAGE

[illegible]

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[illegible][illegible][illegible][illegible]

Method of Determination: GPS and maps. POD location at 47° 40.279, 116° 55.078.

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 INSTREAM POND

2. Measurements:

E. FLOW CALCULATIONS

Measured Method: N/A

☐ Additional Computation Sheets Attached

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.

STOCKWATER : 20 HEAD MIXED STOCK X 12GPD X 365 DAYS / 325,850 GAL/AF = 0.3 AF

G. NARRATIVE/REMARKS/COMMENTS

POND SIZE WAS 90FT X 45FT X 4FT DEEP. MEASUREMENTS MATCHED WITH WHAT WAS APPLIED FOR. DOMESTIC USE FOR HOME WHICH WAS LOCATED NEXT TO POND WITH WATER LINE TO HOUSE. DOMESTIC USE WILL INCLUDE IRRIGATION OF UP TO 1/2 ACRE. STOCKWATER WILL BE USED FOR THE 20 MIXED HEAD OF STOCK PRESENT ON FARM.

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	0.040 CFS	1.20 AF
DOMESTIC STORAGE	01/01 to 12/31		1.80 AF
DOMESTIC FROM STORAGE	01/01 to 12/31		1.20 AF
STOCKWATER	01/01 to 12/31	0.020 CFS	0.30 AF
STOCKWATER STORAGE	01/01 to 12/31		0.90 AF
STOCKWATER FROM STORAGE	01/01 to 12/31		0.30 AF
<u>Totals:</u>		0.040 CFS	2.10 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 Erickson Date 5-15-2015

Reviewer Beth E. Frankson Date 7/2/2015

Instream Pond
 Pond $90' \times 45' \times 4'$ deep = $16,200 \text{ ft}^3 = .37 \text{ AF}$ no
 evap. 0.19
 May deepen - filling on 1.0 AF

0.04 cfs Domestic

1.8 AF Domestic Storage

a) Pond size	0.4 AF
b) evap.	0.8 AF
c) seep.	0 AF
d) dom.	<u>1.2</u>
	1.8 AF

1.2 AF Dom. from stor.

0.02 cfs Stock water

0.3 AF Stock water from stor. $\frac{20 \text{ head m/l} \times 12 \text{ gpd} \times 365 \text{ days}}{325,950}$

$= 0.3 \text{ AF}$

0.90 Stock water stor. $a + b + c + 0.3 = 0.9 \text{ AF}$

Total Stor. $1.8 + 0.3 = 2.1$

State of Idaho
Department of Water Resources
Water Right License
95-11738
STOCKWATER



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

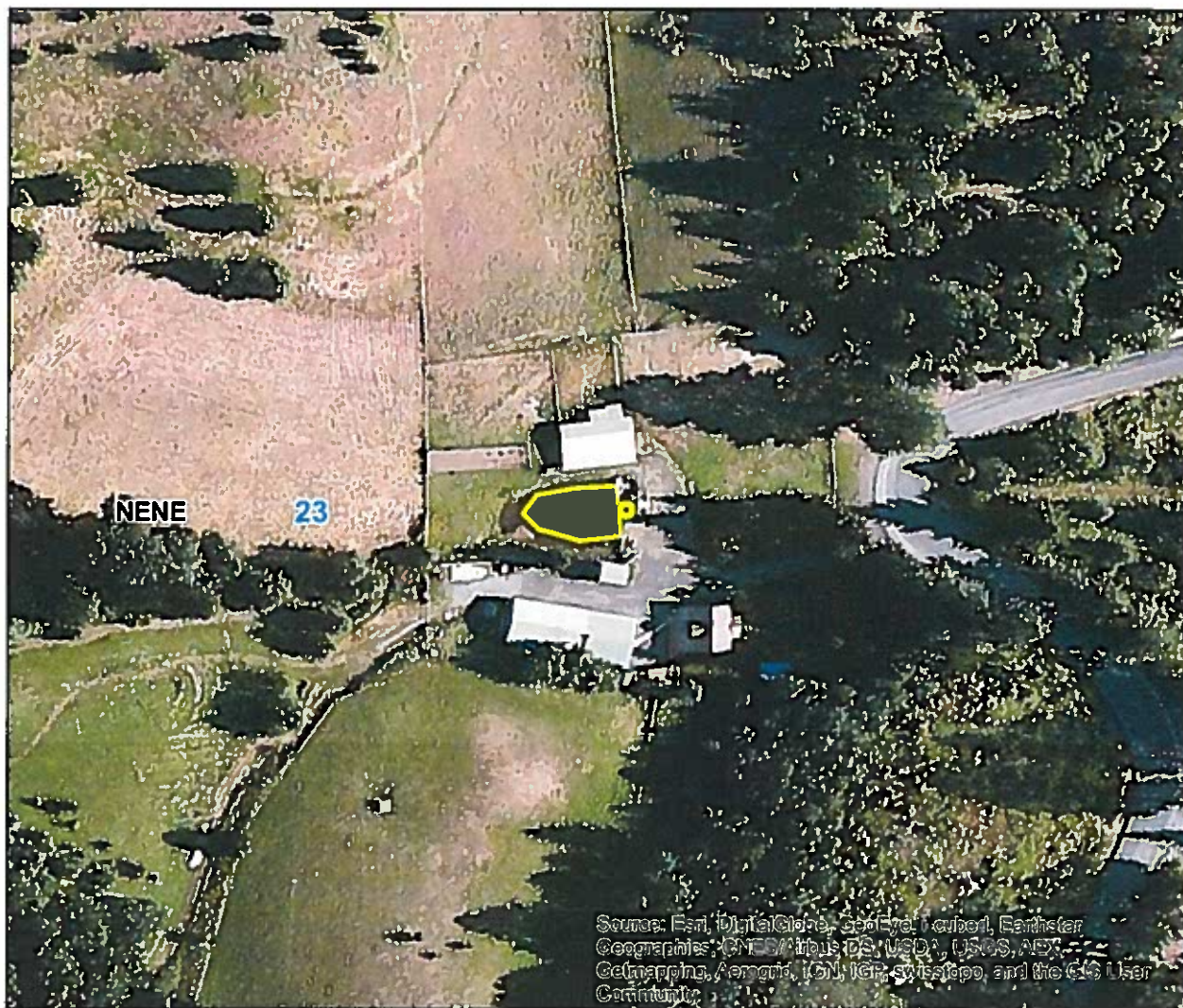
0 0.04 0.08 0.16 Miles



State of Idaho
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95-11738
STORAGE

05W

50N



-  Point of Diversion
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-  Quarter Quarters

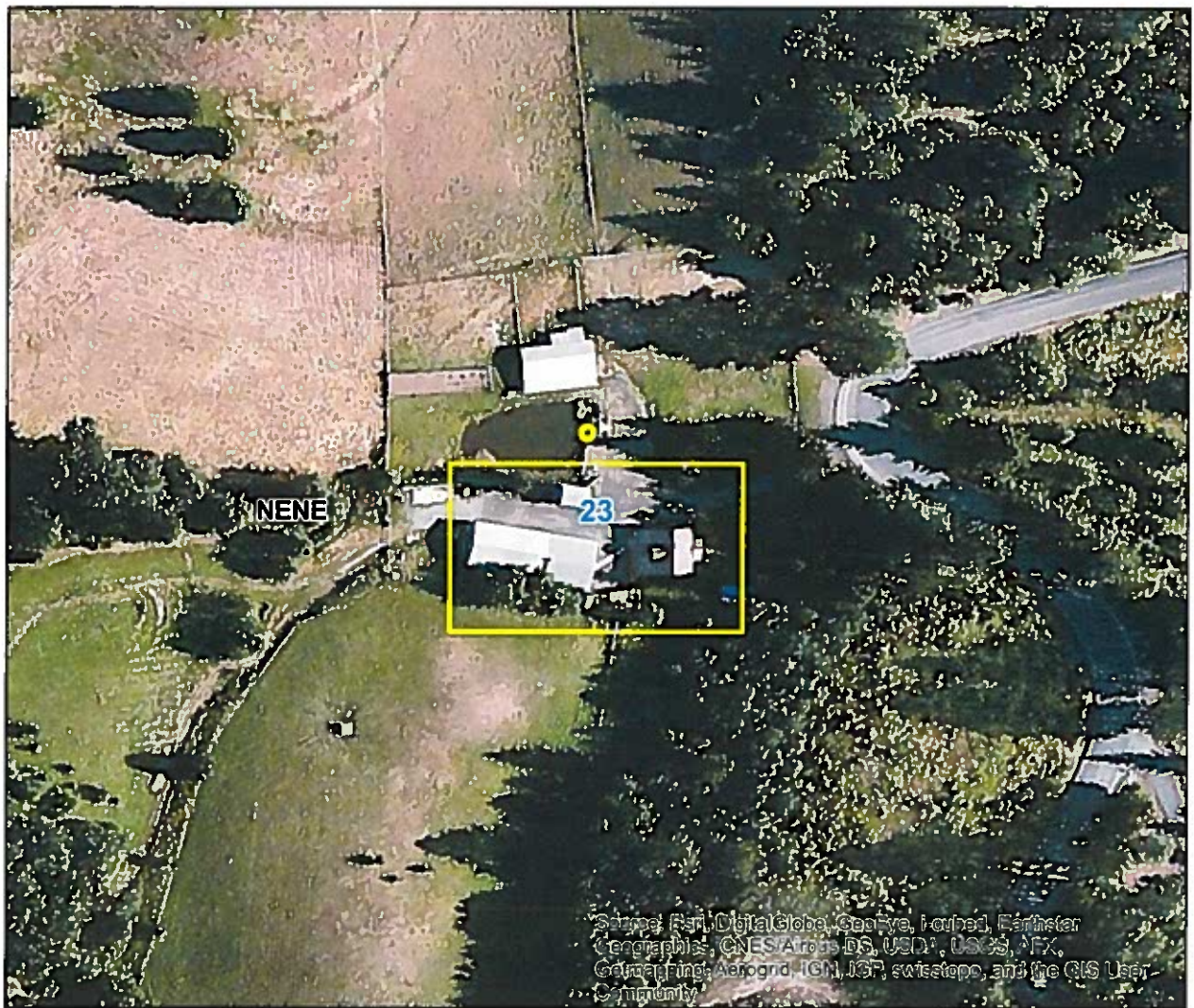
0 0.015 0.03 0.06 Miles



State of Idaho
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DOMESTIC

05W

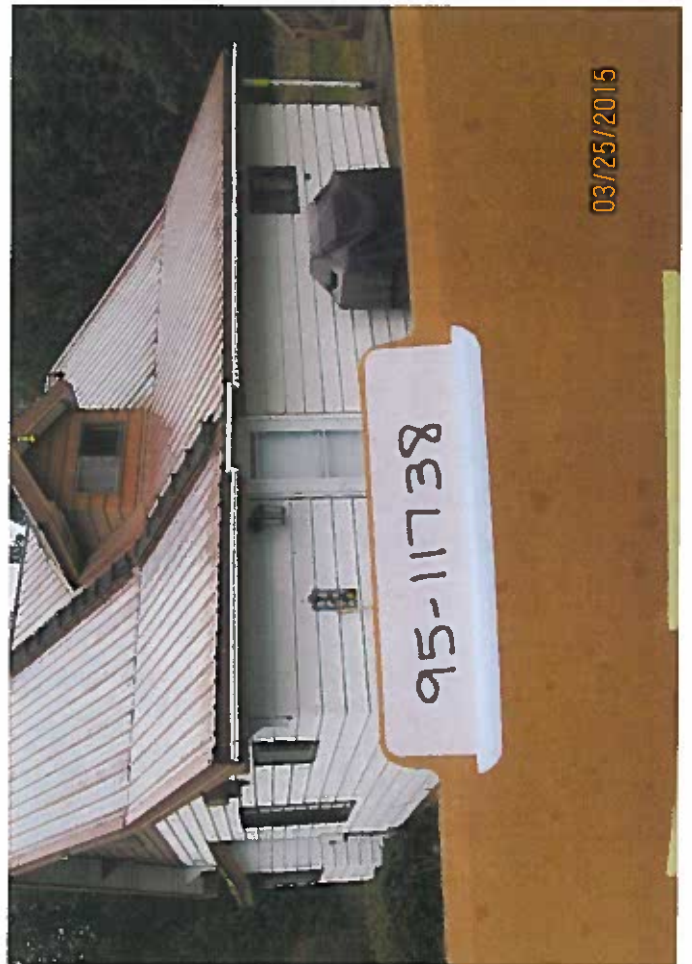
50N



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
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0 0.015 0.03 0.06 Miles

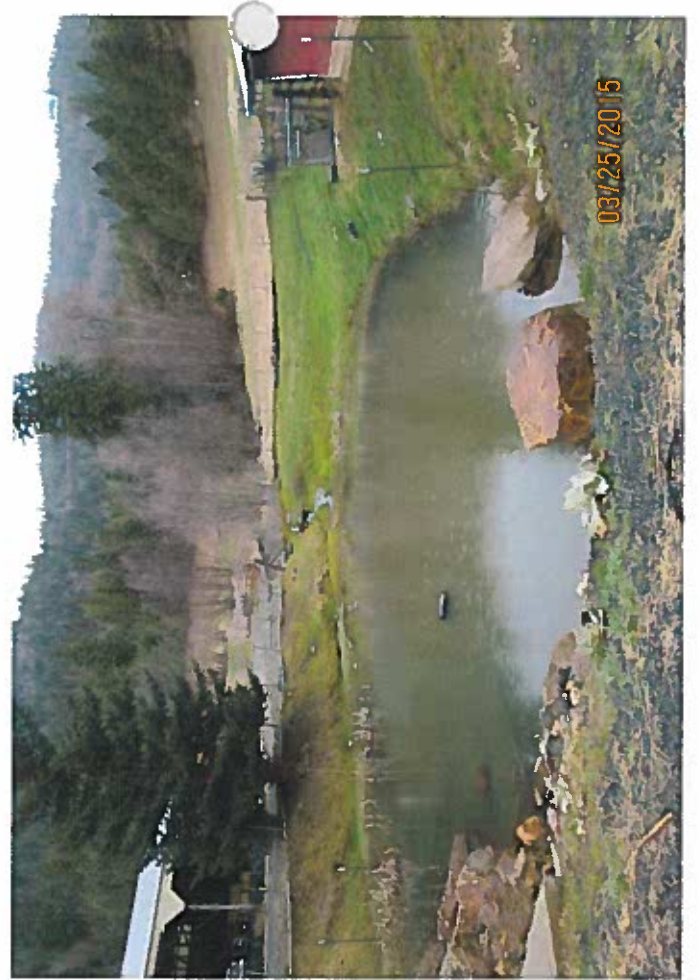




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