

A. GENERAL INFORMATION

Exam Date: 7/8/2015

- And/Or**

2. Accompanied by: Nobody present. Contacted new owners of property that say there was no way to get assignment of permit from previous owner. New owner Daniel Jessier will do change in ownership after licensing occurs.

SPRING

SINKS

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:

SPRING L1 NE1/4NE1/4 Sec. 3, Twp 54N, Rge 02W, B.M. BONNER County

Method of Determination: GPS and maps. POD location at 48° 03.668, 116° 32.978 (Both springs were next to each other)

PLACE OF USE: DIVERSION TO STORAGE

[illegible]

PLACE OF USE: RECREATION STORAGE

[illegible]

PLACE OF USE: WILDLIFE STORAGE

[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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*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:

E. FLOW CALCULATIONS

Measured Method:

☐ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

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

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM SHOWED A POND A LARGE ISLAND IN THE MIDDLE. SPRINGS WERE DRY DUE TO DRY SUMMER CONDITIONS. PONDS AVERAGE DEPTH WAS AROUND 12 FEET AND SURFACE AREA WAS 0.22 ACRES. DIVERSION TO STORAGE WILL BE GIVEN AT 0.04 CFS BECUASE WATER DOES FLOW FROM THEM TO POND DURING MOST TIMES OF THE YEAR.

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	0.040 CFS	
RECREATION STORAGE	01/01 to 12/31		4.10 AF
WILDLIFE STORAGE	01/01 to 12/31		4.10 AF
<u>Totals:</u>		0.040 CFS	4.10 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 Furlong Date 12-2-2015
 Reviewer [Signature] Date 12-2-2015

WATER RIGHT 96-9459
POND ANALYSIS SHEET

POND SIZE: 0.22 AC X 12 FT DEEP = 2.6 AF

EVAPORATION: 597 GPD X 365 DAYS / 325,850 GAL/AF = 0.7 AF

SEEPAGE: 717 GPD X 365 DAYS / 325,850 GAL/AF = 0.8 AF

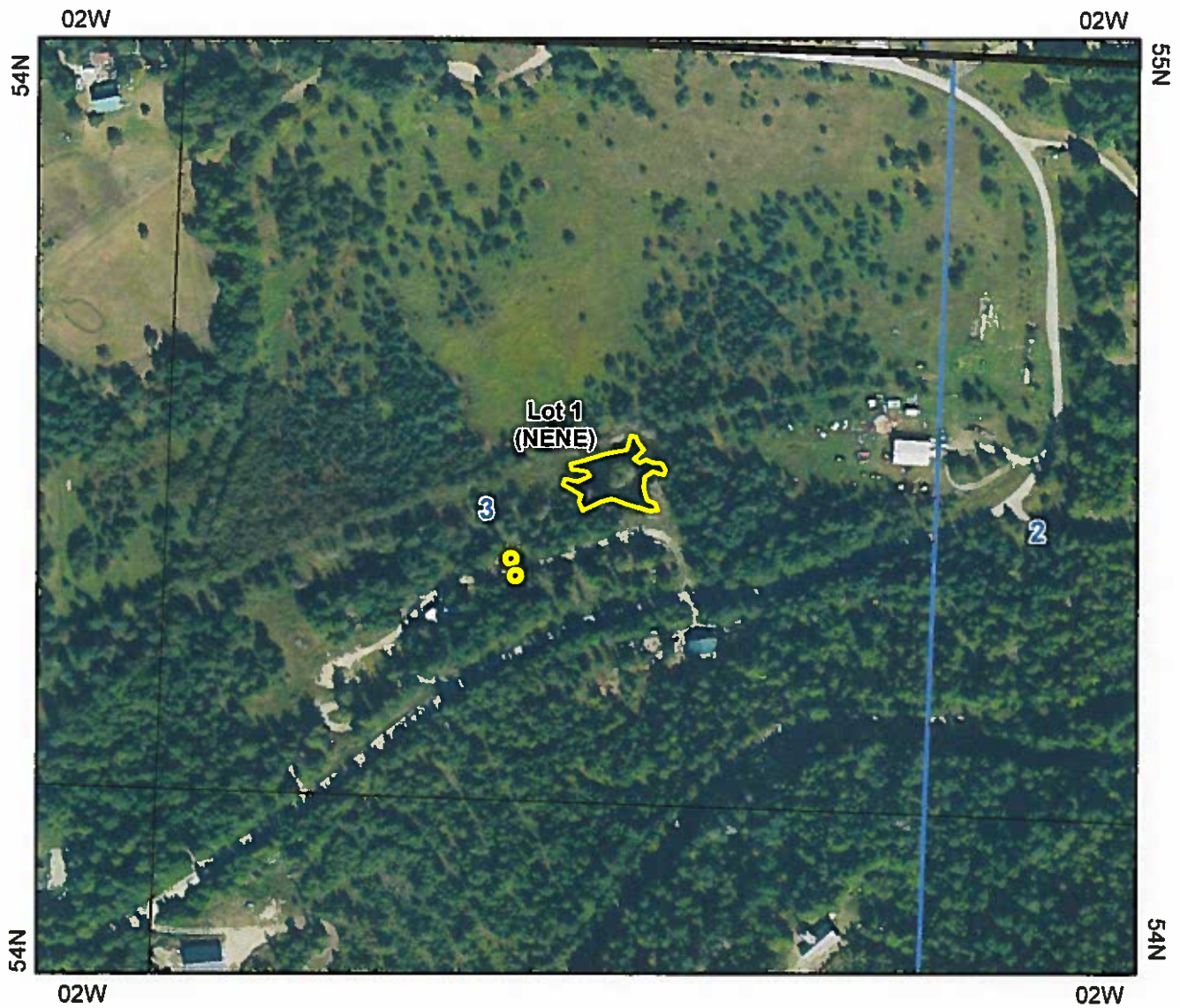
UNABLE TO MEASURE DIVERSION TO STORAGE BECAUSE SPRINGS WERE DRY

0.04 CFS DIVERSION TO STORAGE

4.1 AF	RECREATION STORAGE	A) POND SIZE	2.6 AF
		B) EVAPORATION	0.7 AF
		C) SEEPAGE	0.8 AF
		TOTAL	4.1 AF

4.1 AF	WILDLIFE STORAGE	A) POND SIZE	2.6 AF
		B) EVAPORATION	0.7 AF
		C) SEEPAGE	0.8 AF
		TOTAL	4.1 AF

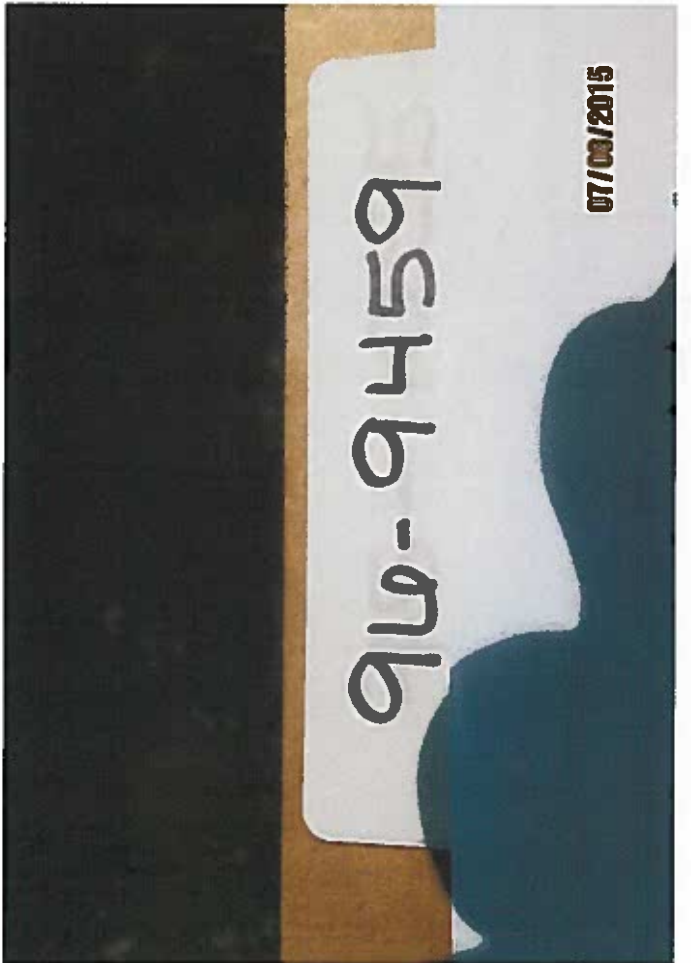
State of Idaho
Department of Water Resources
Water Right License
96-9459



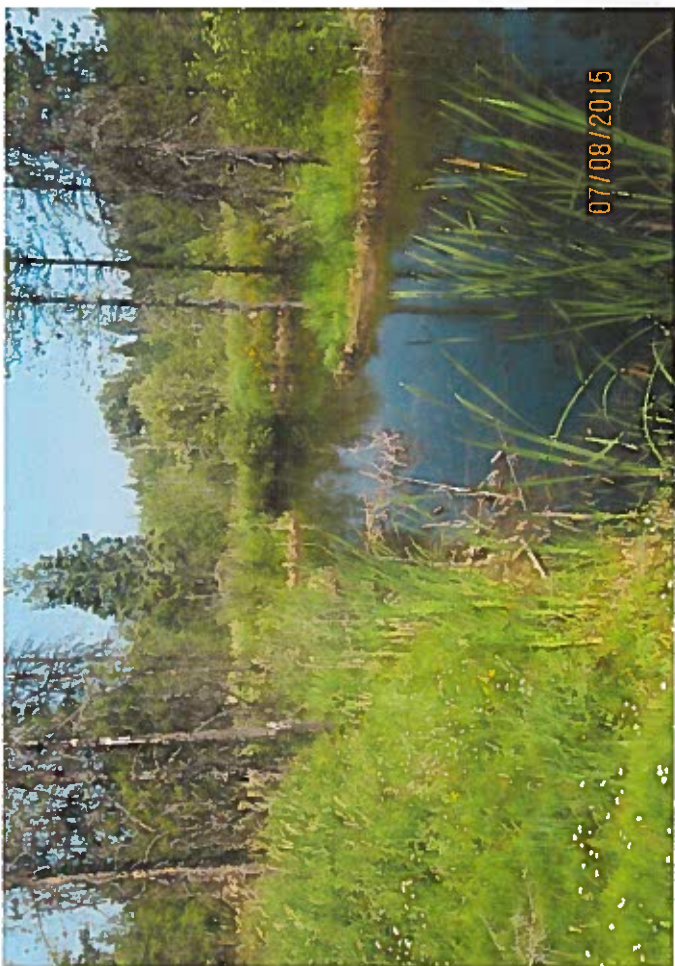
- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections

0 0.035 0.07 0.14 Miles





96-9459



96-9459



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