

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-11276
Exam Date: 4/30/2015

1. Current Owner: MAXINE MASON
16155 N BUCKHORN RD
HAYDEN LAKE ID 83835
(208)762-3043

And/Or

LEONARD MASON
16155 N BUCKHORN RD
HAYDEN LAKE ID 83835
(208)762-3043

2. Accompanied by: Leonard Mason

3. SOURCE

SPRING
UNNAMED STREAM

TRIBUTARY

HAYDEN LAKE
HAYDEN LAKE

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 NW1/4NW1/4NE1/4 Sec. 33, Twp 52N, Rge 03W, B.M. KOOTENAI County

UNNAMED STREAM NW1/4NW1/4NE1/4 Sec. 33, Twp 52N, Rge 03W, B.M. KOOTENAI County

Method of Determination: GPS and maps. POD location at 47° 48.951, 116° 42.815.

2.

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

Method of Determination: GPS and maps. POD location at 47° 48.951, 116° 42.815.

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>
--	-------------------	-----------	-------------------------	------------------	--

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>
--	-------------	-------------	------------------	-------------------	-------------	--------------------

N/A

2. Measurements:

E. FLOW CALCULATIONS

Measured Method: N/A

☐ 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

POND SIZE WAS 90FT X 60FT X 6FT DEEP. LICENSE WILL BE ISSUED FOR SMALLER AMOUNT THAN WHAT WAS PERMITTED FOR. FIRE PROTECTION WILL BE REMOVED FROM LICENSE BECUASE NO PUMP WAS PRESENT AT TIME OF EXAM. 10 MIXED HEAD LIVESTOCK WERE GRAZING ON A DIFFERENT PROPERTY AT TIME OF EXAM, BUT STOCK WERE ROTATED ONTO APPLICANTS PROPERTY THROUGHOUT 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>
STOCKWATER	01/01 to 12/31	0.020 CFS	0.10 AF
STOCKWATER STORAGE	01/01 to 12/31		1.20 AF
STOCKWATER FROM STORAGE	01/01 to 12/31		0.10 AF
FIRE PROTECTION STORAGE	01/01 to 12/31		1.10 AF
<u>Totals:</u>		0.020 CFS	1.20 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 5-21-2015

Reviewer [Signature] Date 5-21-2015

WATER RIGHT 95-11276
POND ANALYSIS SHEET

POND SIZE: 90FT X 60FT = 5,400 SQFT / 43,560 = 0.12 X 6FT DEEP = 0.70 AF

EVAPORATION: 337 GPD X 365 DAYS / 325,850 GAL/AF = 0.40 AF

SEEPAGE: INSTREAM POND, NONE

STOCKWATER: 10 MIXED HEAD STOCK X 12 GPD X 365 DAYS / 325,850 GAL/AF = 0.1 AF

0.02 CFS STOCKWATER

1.2 AF	STOCKWATER STORAGE	A) POND SIZE	0.7 AF
		B) EVAPORATION	0.4 AF
		C) SEEPAGE	0 AF
		D) STOCKWATER	0.1 AF
	TOTAL		1.2 AF

0.1 AF STOCKWATER FROM STORAGE

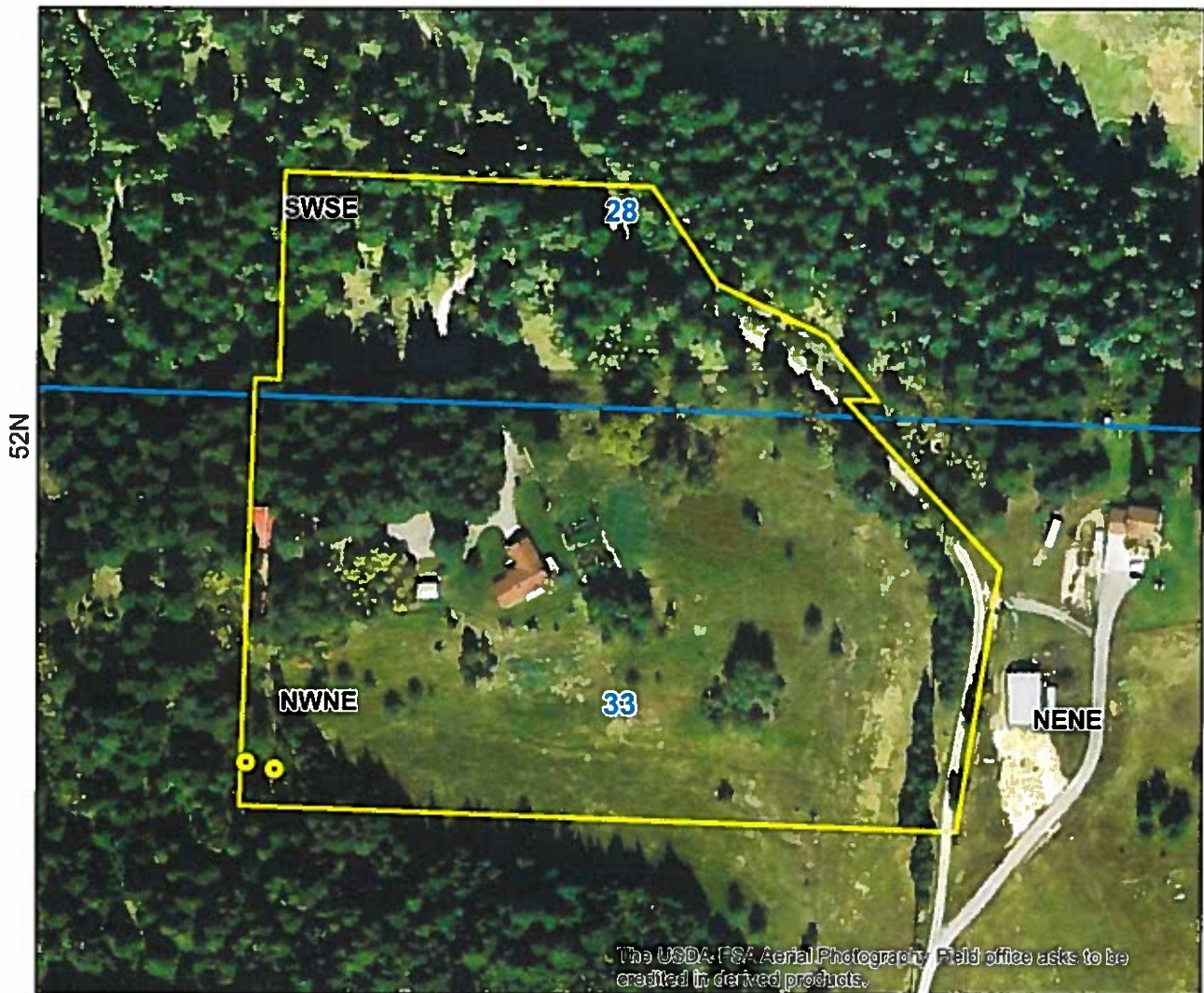
1.1 AF	FIRE PROTECTION STORAGE	A) POND SIZE	0.7 AF
		B) EVAPORATION	0.4 AF
		C) SEEPAGE	0 AF
	TOTAL		1.1 AF

TOTAL-1.2 AF

DIVERSION-0.02 CFS

State of Idaho
Department of Water Resources
Water Right License
95-11276

03W



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

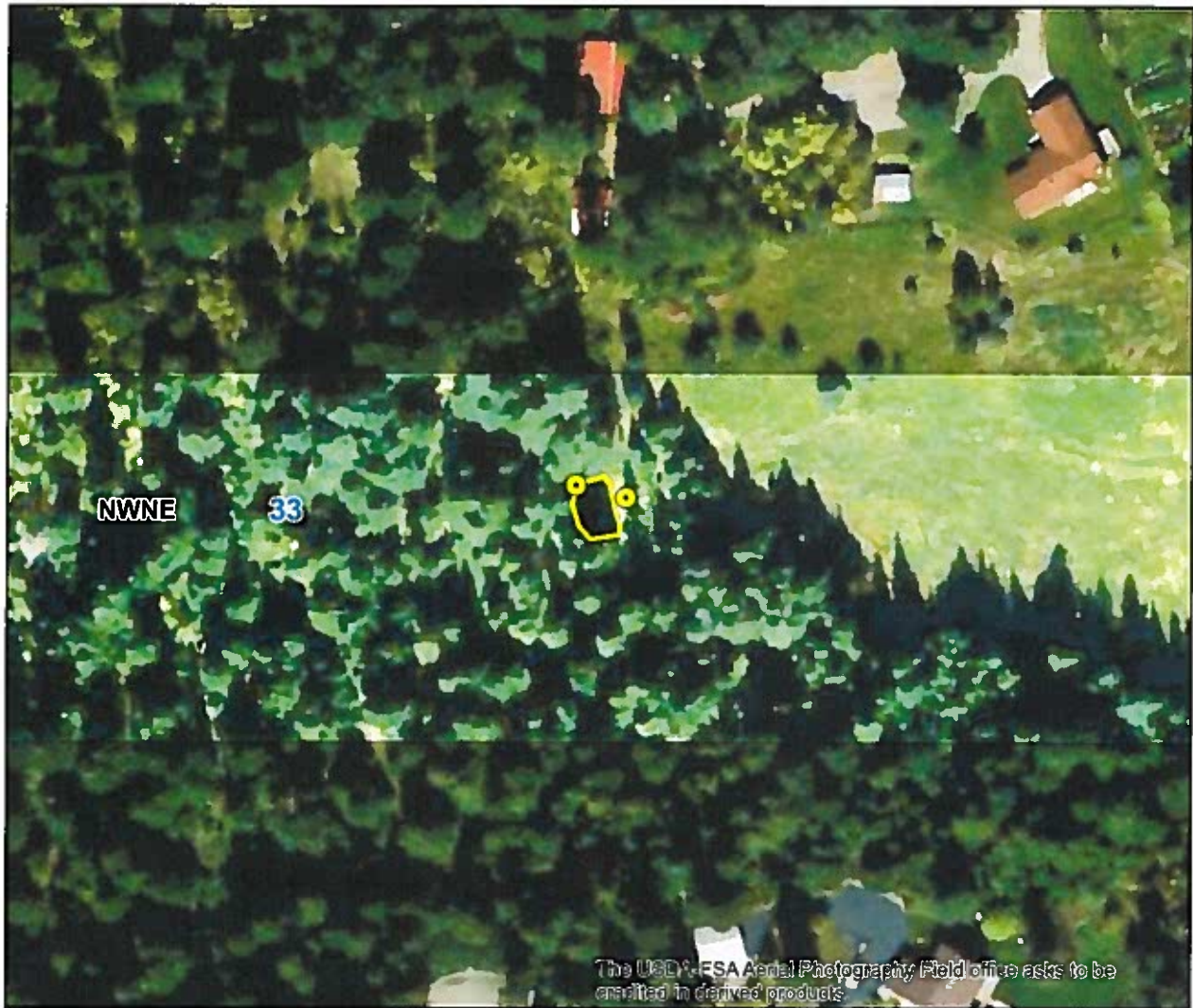
0 0.025 0.05 0.1 Miles



State of Idaho
Department of Water Resources
Water Right License
95-11276

03W

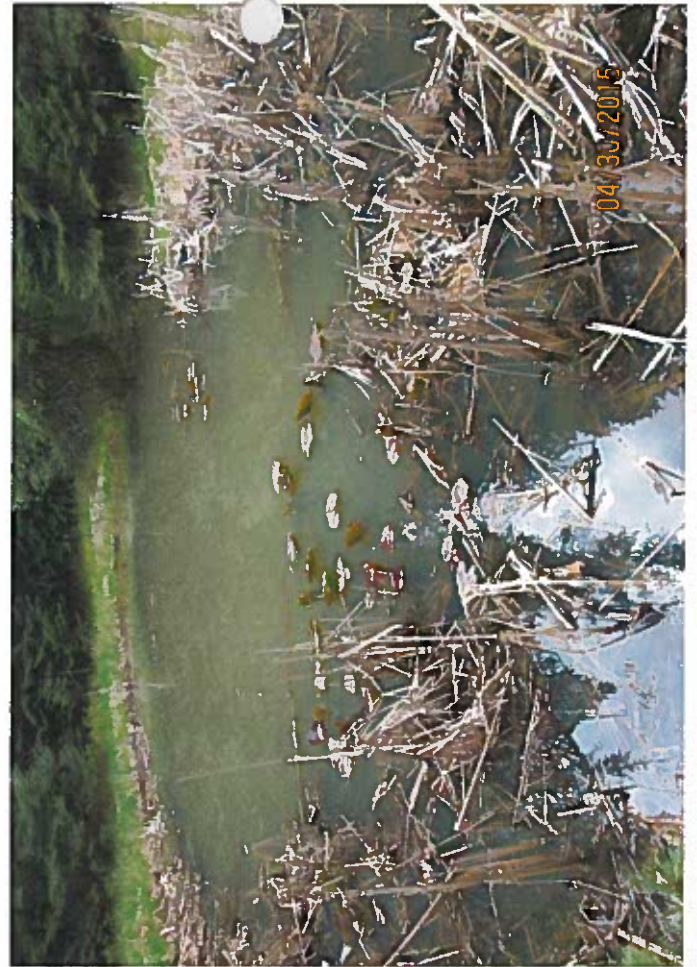
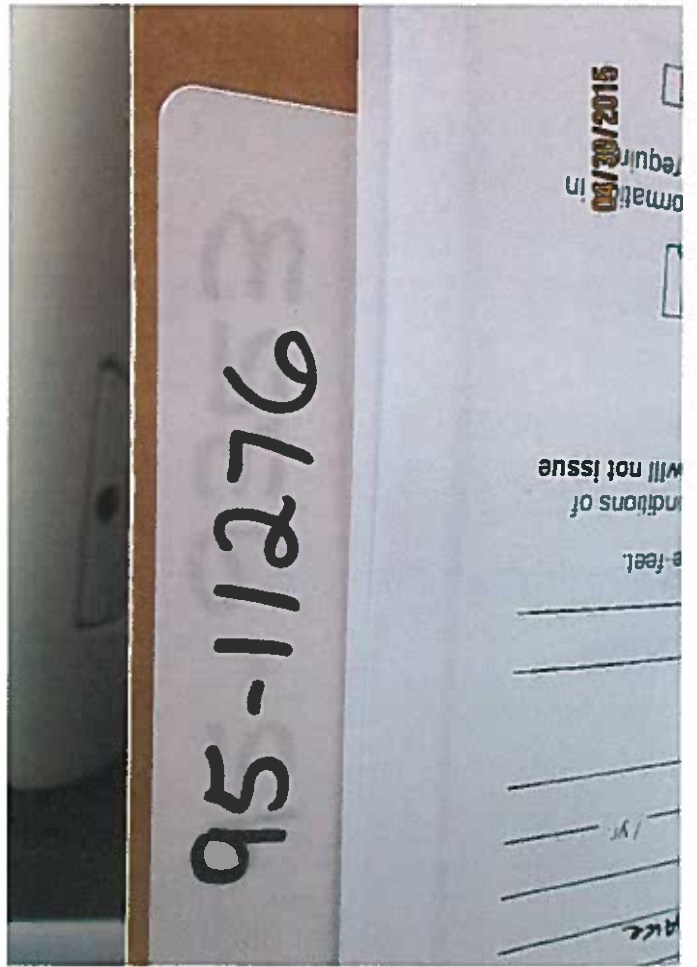
52N



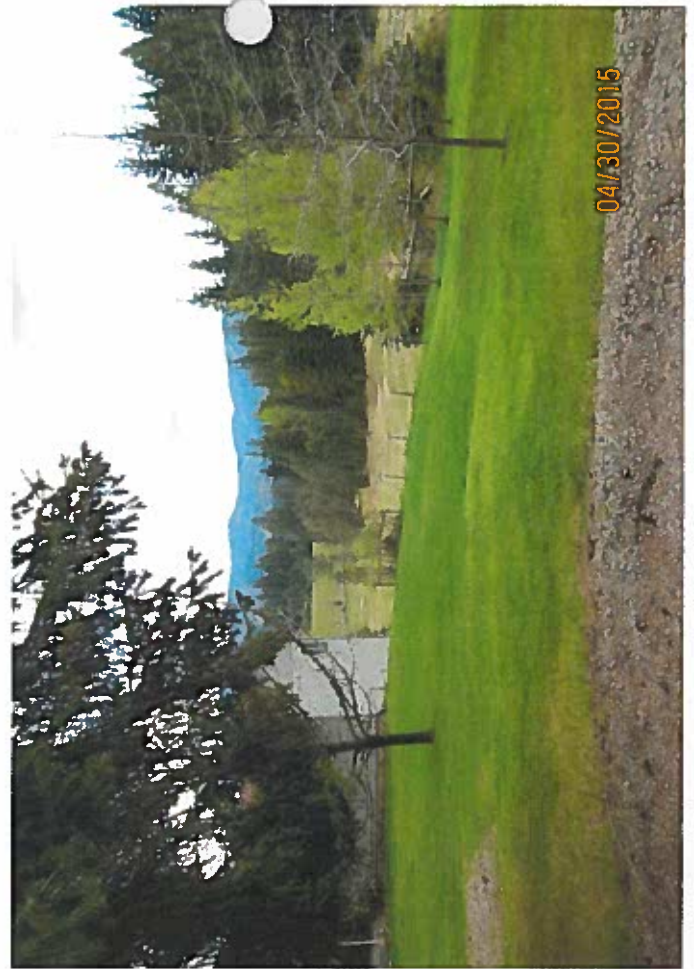
-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.015 0.03 0.06 Miles





95-11276



95-11276