

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-10577

Exam Date: 8/4/2014

1. Current Owner: LESLIE M OLSON
17189 N WILKINSON RD
RATHDRUM ID 83858
(208) 687-2363

And

LINDA OLSON
17189 N WILKINSON RD
RATHDRUM ID 83858
(208)687-2363

2. Accompanied by: Leslie Olson

3. SOURCETRIBUTARY

GROUND WATER

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 SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER SE1/4NW1/4 Sec. 27, Twp 52N, Rge 04W, B.M. KOOTENAI County

Method of Determination: GPS and Maps

2.

PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
52N 04W 27	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
					X			X									

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
52N 04W 27	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
					2			1									3.0

Total Acres: 3

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>
D0041130		1.5	4F19S15		

*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>
FUJI	Ultrasonic Flowmeter		S1011	7K0079TB		3/2/2014

2. Measurements: 40GPM

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3AC \times 3AF = 9AF$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03CFS \times 260 \times 1.9835 = 15AF$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 9AF$$

2. Volume Calculations for Other Uses: 1 DOMESTIC HOME = 0.6AF

G. NARRATIVE/REMARKS/COMMENTS

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	0.60 AF
IRRIGATION	03/01 to 11/15	0.090 CFS	9.00 AF
<u>Totals:</u>		0.090 CFS	9.60 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

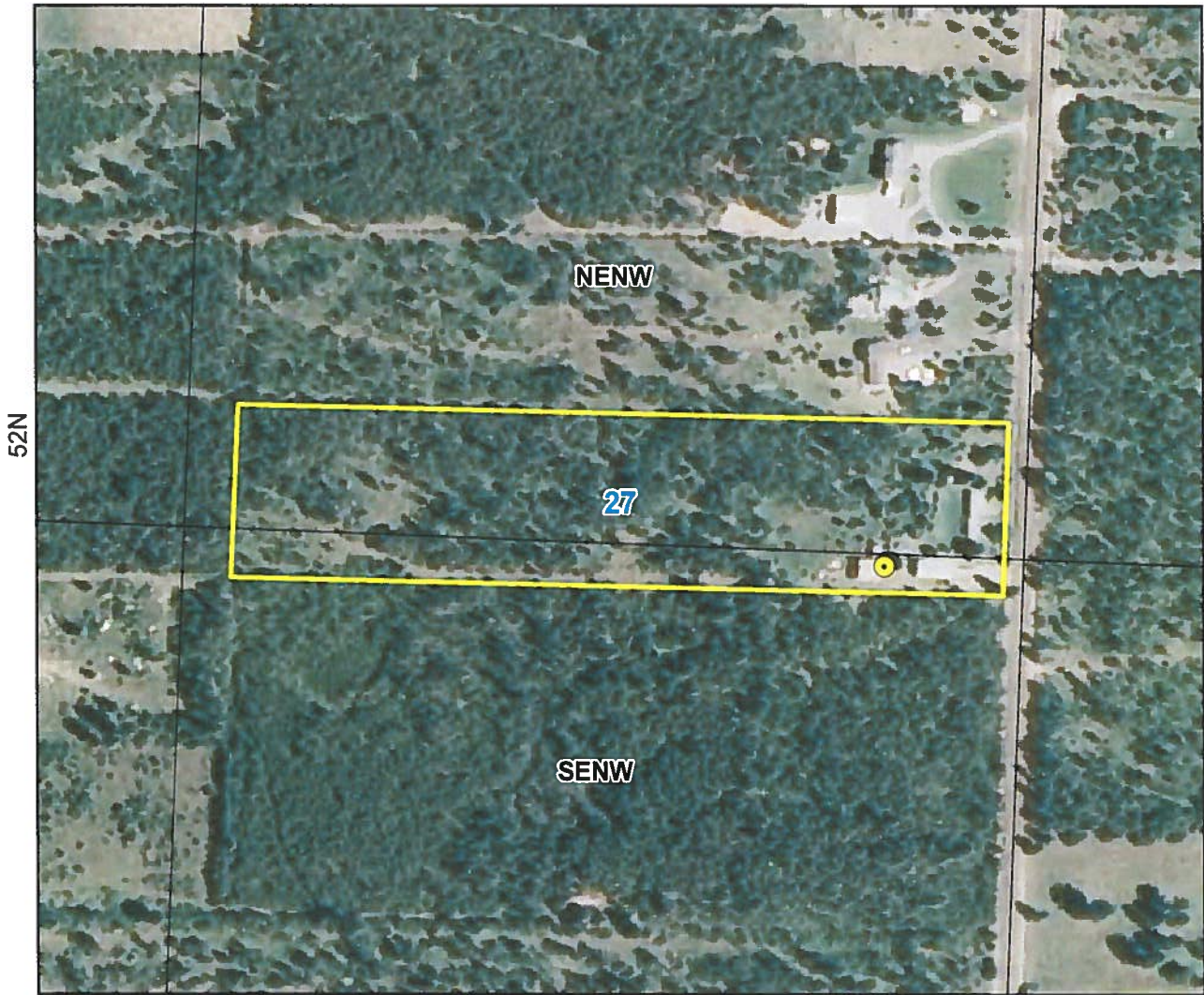
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

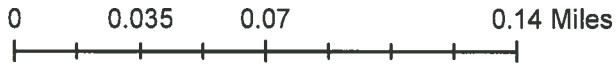
Field Examiner's Name Eric J. Rame Date 12-12-2014
 Reviewer Adam F. Smith Date 12-12-2014

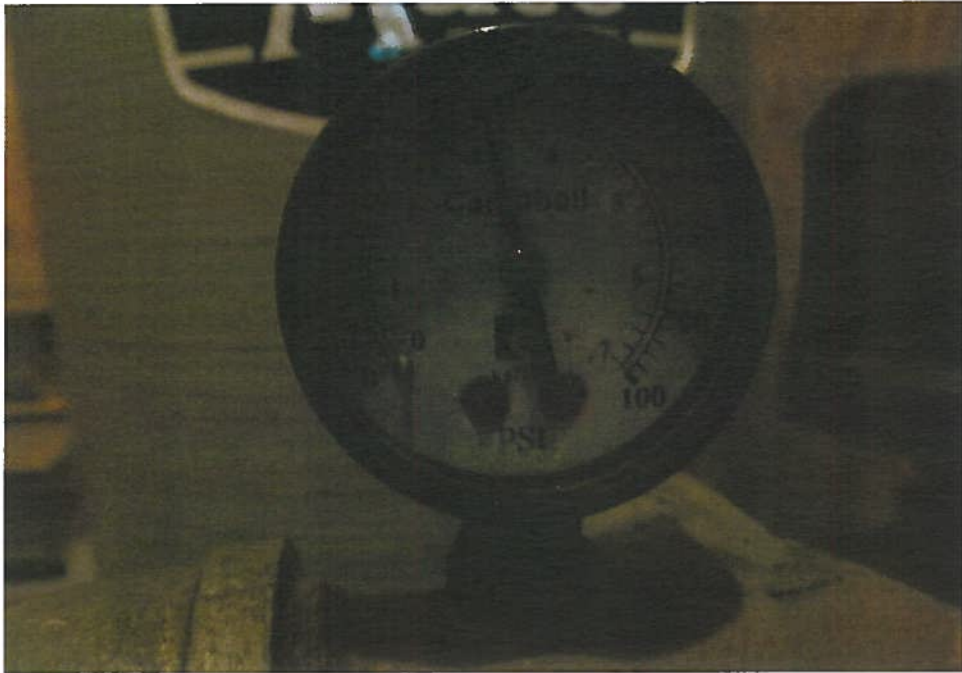
State of Idaho
Department of Water Resources
Water Right License
95-10577

04W



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

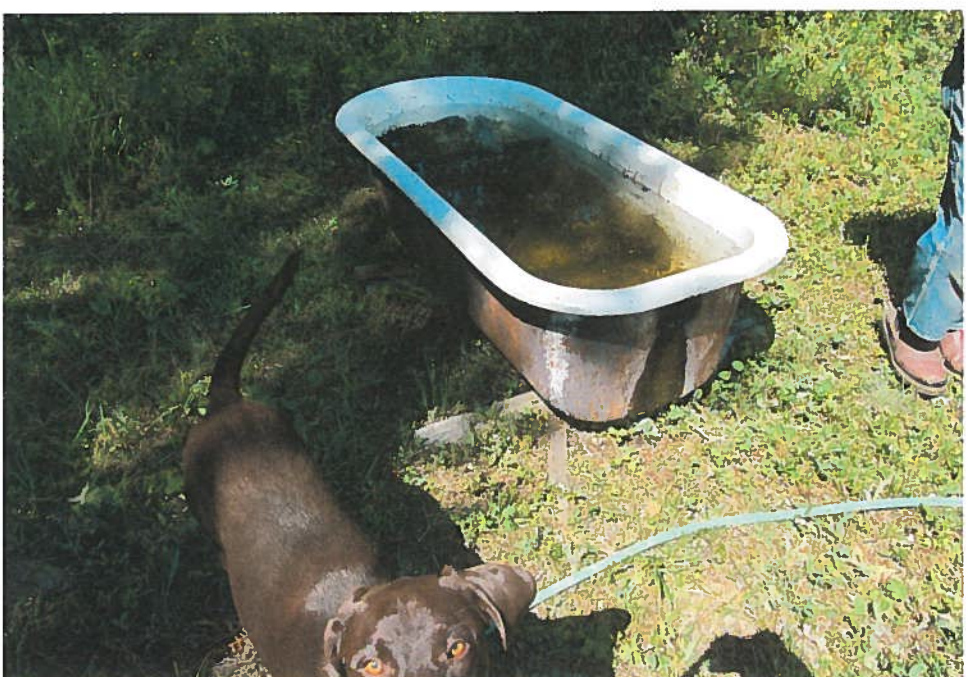




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PLANET & BUILDING, INC.
www.planetbuilding.com

MODEL #: 4F19815 **REV:** B

DESCRIPTION PUMP END 180PM SS 12STG

VOLTS:

HP: 1.5 **PHASE:**

DATE CODE 08/09

INSTALLATION DATE 3/15/10

WELL DEPTH 298'

PUMP SET DEPTH 287'

