

[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>
--	-------------------	-----------	-------------------------	------------------	--

*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>
--	-------------	-------------	------------------	-------------------	-------------	--------------------

2. Measurements:

E. FLOW CALCULATIONS

_____Additional Computation Sheets Attached

Measured Method:

Standard internal and external domestic use = 0.04 cfs

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:

Standard in-house domestic use = 0.6 AF

Standard exterior use = 0.6 AF

Total = 1.2 AF

G. NARRATIVE/REMARKS/COMMENTS

This permit was in-office field examined on 08/09/13 by myself, Craig Tesch. This permit authorizes the diversion of ground water to be used for domestic purposes. Ground water is supplied by an existing groundwater well north of Moscow, Idaho.

Water is used for domestic purposes including standard indoor use for one household. The well is also used to irrigate a small front yard and small garden (0.5 acres). The well is located in a pumphouse 175 feet north of the main house near the intersection of North Polk Extension Road and Pavel Court. Standard flow rate and volume is 0.04 cfs and 0.6 AF, respectively, for internal and external domestic use. Total volume is 1.2 AF (0.6 AF for both internal and external use).

One overlapping water right (87-7069), a large POU for the city of Moscow, exists on the place of use. Water right 87-7144 is in the same 40-acre tract, but it is for a different owner on a different tax lot.

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	1.2 AF
<u>Totals:</u>		0.040 CFS	1.2 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 Craig Tesch Date 8/12/2013
 Reviewer Daniel A. Mda Date 8-12-2013



1956 North Polk Extension, Idaho, United States

Address is approximate



Germer House

North Polk Extension Road

[illegible]