

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 77-14236

Exam Date: 10/20/2011

1. Current Owner: GREENHURST FARMS INC
5705 E GREENHURST
NAMPA ID 83686
(208)466-1742
2. Accompanied by: Terry and Kathy Henrickson
Phone No: home (208) 466-1742, cell (208)713-5854
Address: 5705 E Greenhurst, Nampa, ID 83686
Relationship to Permit Holder: self

3. SOURCE

SPRING

TRIBUTARY

FRENCH CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE
2. Other water rights with the same point of diversion: 77-14299 (Power Use)

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

SPRING SW1/4SE1/4SW1/4 Sec. 25, Twp 24N, Rge 03E, B.M. IDAHO County

Method of Determination: Garmin GPS map 76S

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			<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>	
24N	03E	25												X					

Method of Determination: ArcMap 2011, and Garmin GPS map 76S

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.

Well or Diversion**ID No.*****Motor Make****Hp****Motor Serial No.****Pump Make****Pump Serial No. or Discharge
Size**

A0016954 gravity flow system from spring to faucet at POU (see Narrative)

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

- Measurements:
- At the faucet located on the main section that reduced to 4 inch aluminum, a physical measurement was taken:
4 sec. /2 qts.
 $(5 \text{ gal} \times 60 \text{ sec}) / 40 \text{ sec} = 7.5 \text{ gpm} \times 0.00223 = 0.0167 = 0.02 \text{ cfs}$

The faucet attaches to a 3/4 inch potable hose that is used for either a camper or motor home. Using a pipe conversion: $Q = 5 \times 3.1416 \times R\text{-squared}$
 $Q = 5 \times 3.1416 \times 0.000976563 = 0.015339844 = 0.02 \text{ cfs}$

During the field exam for water right 77-14299 (Power use), the capacity of the spring was measured at 0.17 cfs

RECOMMEND: 0.02 cfs**E. VOLUME CALCULATIONS**

- RECOMMEND:** IDWR Standard for Domestic internal/external (grassy area around the area where the camper/motor home park)= 1.2 af

F. NARRATIVE/REMARKS/COMMENTS

The spring is located 210 ft elevational drop from the POU. The spring is located under a large rock, with plastic and sandbags used as a collection area and a manifold discharging to 100 ft of 6 inch black flexible pipe, that reduces to 200 ft of 5 inch aluminum pipe, reducing to 150 ft of 4 inch aluminum pipe, where there is a faucet for connecting a camper or motor home at the present time. The main continues down the mountain reducing to 3 inch aluminum pipe, then 2 inch going to the control house for water right 77-14299.

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	0.020 CFS	1.20 AF
<u>Totals:</u>		0.020 CFS	1.20 AF

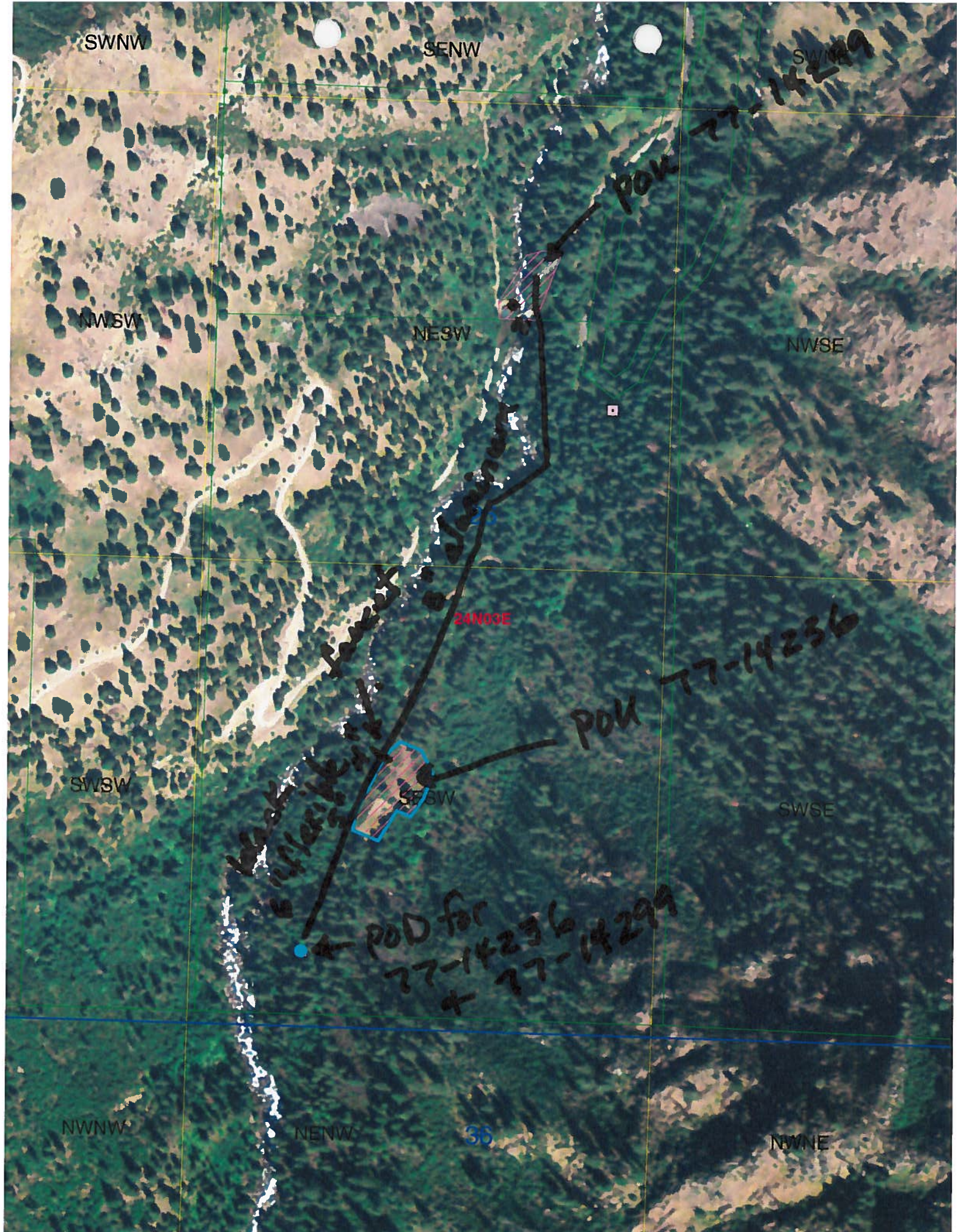
2. Recommended Amendments

☐ 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 *Judy Hemminger* Date 10/26/2011



POD



Pot

spring
under
rock,
using
plastic
& sand
bags to
collect
area
with a
manif
to 6" (6")
flexible
pipe
reduces
to 200'
of 5"
aluminum
reduces
to 150' of
4"
where
the
sanest
located
at the
POU,
then
reduces
to 3"
(1700'
at then
2" at
the
control
house
for W1

10/20/2011

10/20/2011



77-14236 Greenhurst

S. Hemerway

77-142



4"
aluminum

10/20/2011



3/4"
faucet
to
3/4"
potable
hose
for
camper
or
motor-
home

4"
aluminum

10/20/2011



June

POD

grassy
area
for
camper
motor-
home or
future
cabin
site

10/20/2011

77-14236

S. Hemerway