

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 77-14235

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/owners
Phone No: home (208) 466-1742, cell (208) 713-5854
Address: 5705 E Greenhurst, Nampa, ID 83686
Relationship to Permit Holder: self

3. SOURCE TRIBUTARY
SPRING SINKS

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 NW1/4NE1/4SE1/4 Sec. 26, 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				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
24N	03E	25											X						

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

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**

A0016946 gravity flow system (see Narrative)

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

D. FLOW MEASUREMENTS

1. Measurements:

Bucket Measurement:

(1 gal X 60 sec)/9 sec = 6.66 X 0.00223 = 0.02 cfs

Pipe Conversion (Q = 5 X 3.1416 X R-squared; R = (diameter/12)/2:

1 inch line from the spring to the storage tank = 0.03 cfs (maximum capacity prior to storage)

(2) 3/4 inch lines off the storage tank, with one going to the cabin, and one going to the small guest cabin

3/4 inch = 0.0153 X 2 lines = 0.03 cfs

RECOMMEND: 0.02 cfs

E. VOLUME CALCULATIONS

1. Volume Calculations for Other Uses:

IDWR Standard for Domestic 1 internal/external (lawn/garden area surrounding the cabins) = 1.2 af

Domestic1 was claimed on the Application for Permit (and approved) as Domestic 1 with one cabin and one small guest cabin all for the one family.

RECOMMEND: 1.2 af

F. NARRATIVE/REMARKS/COMMENTS

The spring area is gravel packed (acting as a collection area), and is fenced. From the collection area, there is 3000 ft of 1 inch PVC that runs down the side of the mountain to an 1100 gallon plastic storage tank. From the tank the line splits and there are 2 (3/4) inch lines, with one going to the cabin, and the other going to the small guest cabin (all for one family). At the storage tank, there is a 3/4 inch overflow that open discharges into a tank for wildlife to drink from. Any overflow from this tank goes down the road a little ways and sinks.

Have conditions of permit approval been met? ☒ Yes ☐ No**G. 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



Date

10/26/2011

SWNE

SENE

SWNW

POD

buried
1/2" PVC

buried
1100 gallon
plastic
storage
tank

NWSE

26

NESE

24N03E

NWSW

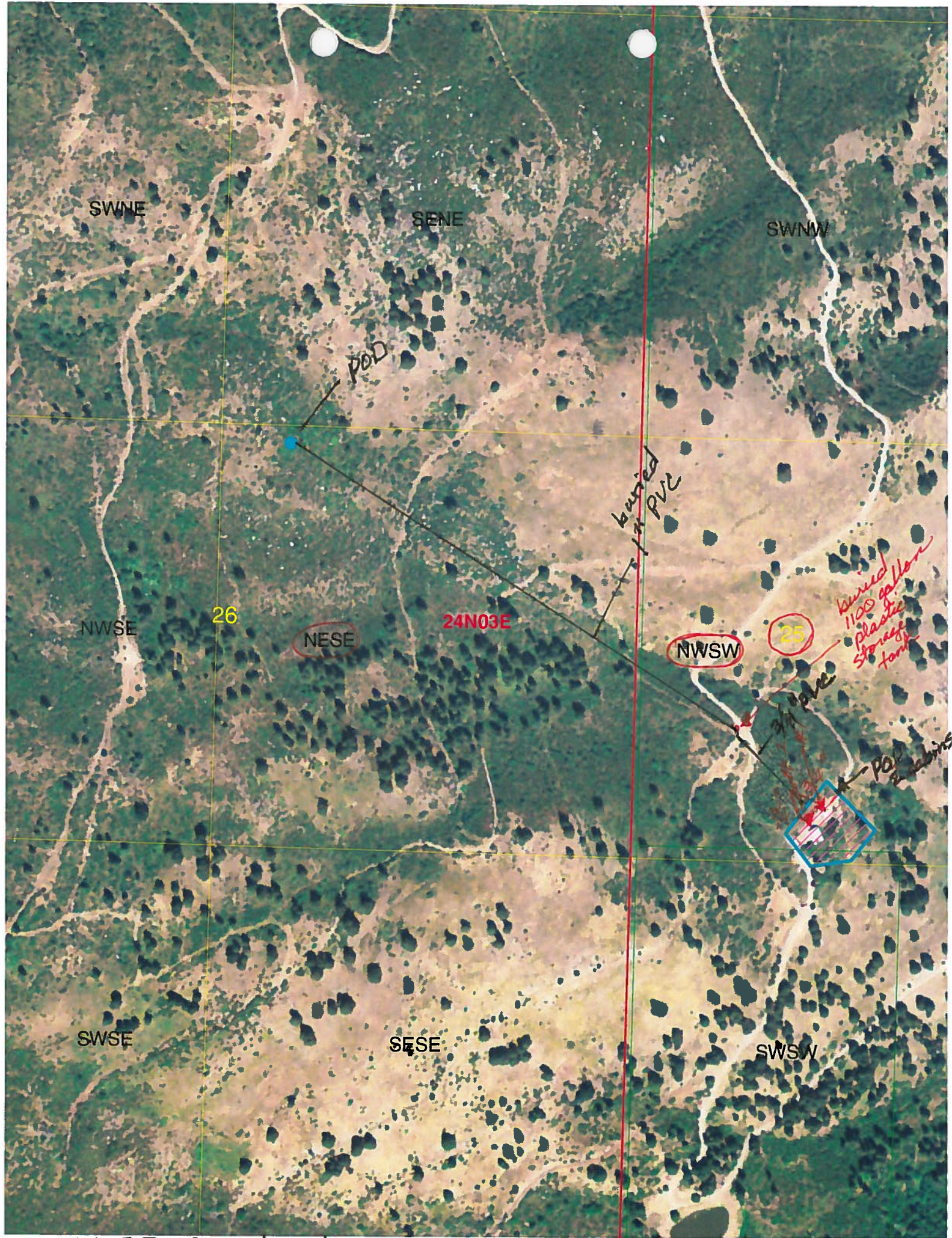
25

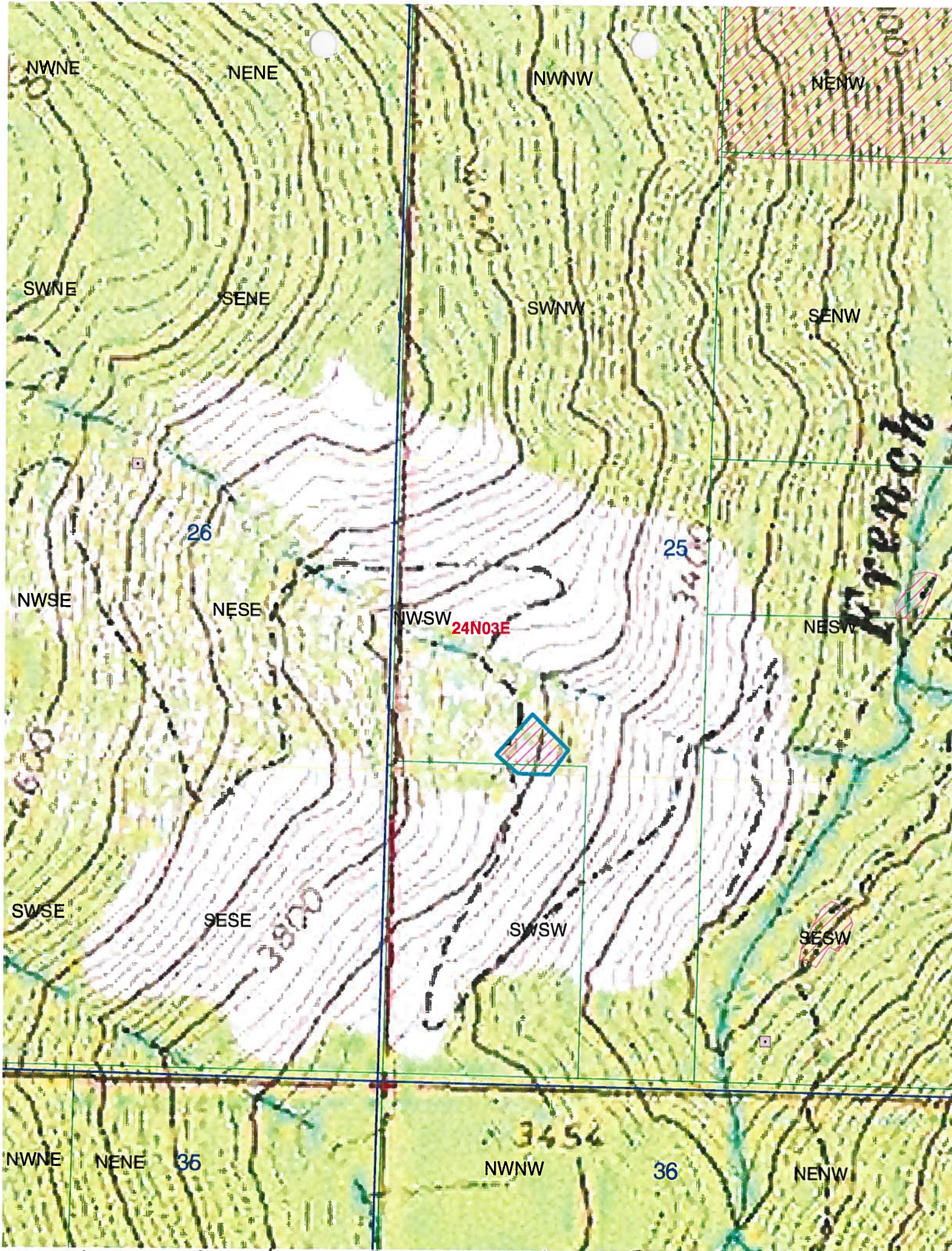
POD
2nd building

SWSE

SESE

SWSW







POH
main
cabin

to
each
cabin
3/4"
pipe
from the
storage
tank



small
guest
cabin

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S. Hemenway



POK
cabin +
small
guest cabin

POD
spring

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S. Hemerway



POU

POD

spring

fenced
area is
where it
is buried
gravel-
pack (collec-
area)
with
3000' of
1" PVC
that goes
down the
mountain
to the
1100 gallon
storage tank

10/20/2011

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S. Hemmery



buried
110
gallon
plastic
storage
tank

3/4"
overflow
to tank
for
wildlife
with
overflow
from
that,
run down
the side
of the
road +
sink in

77-14235 Greenhurst

S. Hemmerway

(2) 3/4" PVE lines
run from the
storage tank to
the cabin +
small guest cabin