

[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>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
<u>N/A</u>	<u>U/K</u>	<u>3/4</u>	<u>U/K</u>	<u>U/K</u>	<u>U/K</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

D. FLOW MEASUREMENTS

1.

<u>Measurement 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: 4 gal in 14 sec

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

4 gal in 14 sec
 17 gpm
 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:

$$\begin{aligned} .6 \text{ home} \times 2 &= 1.2 \text{ AF} \\ + .6 \text{ dom. irrigation} & \\ \hline 1.8 \text{ AF total} \end{aligned}$$

G. NARRATIVE/REMARKS/COMMENTS

THIS SYSTEM USES WATER FROM LAKE COEUR D'ALENE FOR DOMESTIC USE. THIS SYSTEM IS FOR TWO HOMES ONE IS A FLOATING HOME AND ONE IS ON SHORE ABOUT 150 VERTICAL FEET FROM THE WATER LINE OF THE LAKE. THE SYSTEM USES A 3/4 HP PUMP. THIS SYSTEM ALSO IRRIGATES UNDER 1/2 ACRE FOR DOMESTIC IRRIGATION. A MEASUREMENT OF 4 GALLONS IN 14 SECONDS WAS TAKEN DURING THE FIELD EXAM.

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	1.80 AF
<u>Totals:</u>		0.040 CFS	1.80 AF

2. Recommended Amendments

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

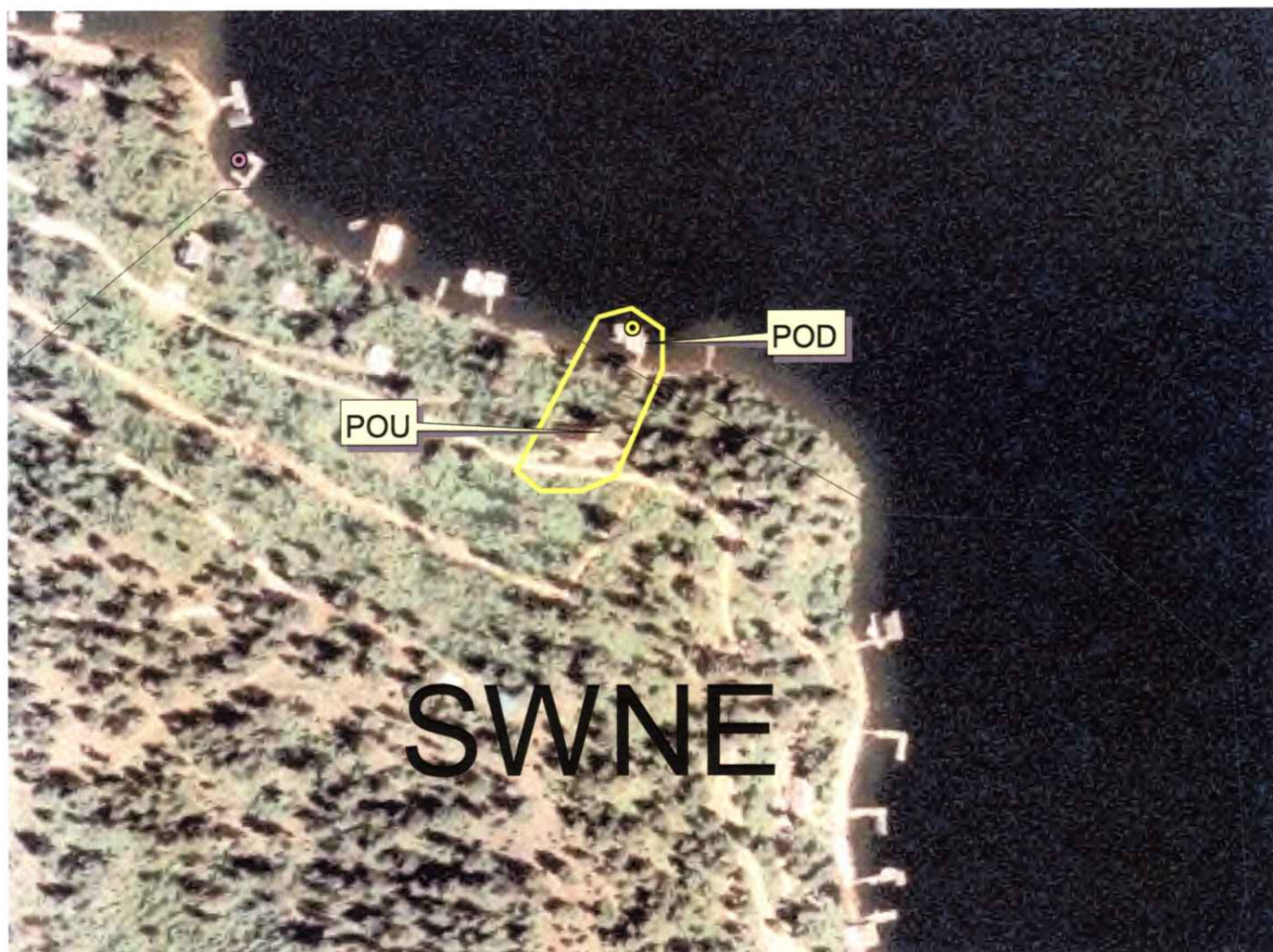
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name [Signature] Date 9-7-07

Reviewer [Signature] Date 9/10/07

95-9304



0.09 0 0.09 0.18 Miles

-  GCDB49N03W GCDB
-  Right POD
-  Pou.shp
-  Pod.shp





MEASUREMENT



PLACE OF USE 1



PLACE OF USE 2

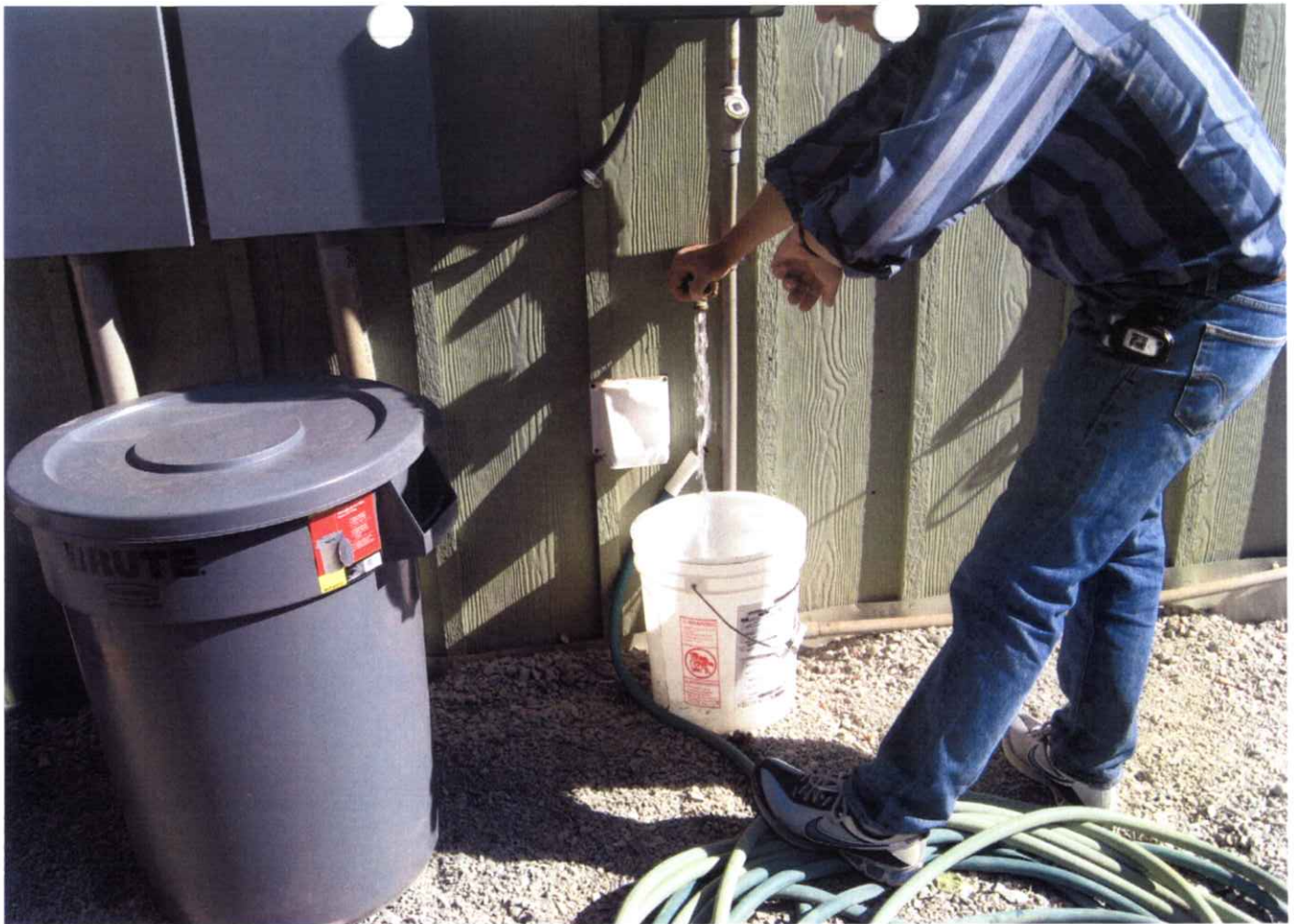


POINT OF DIVERSION



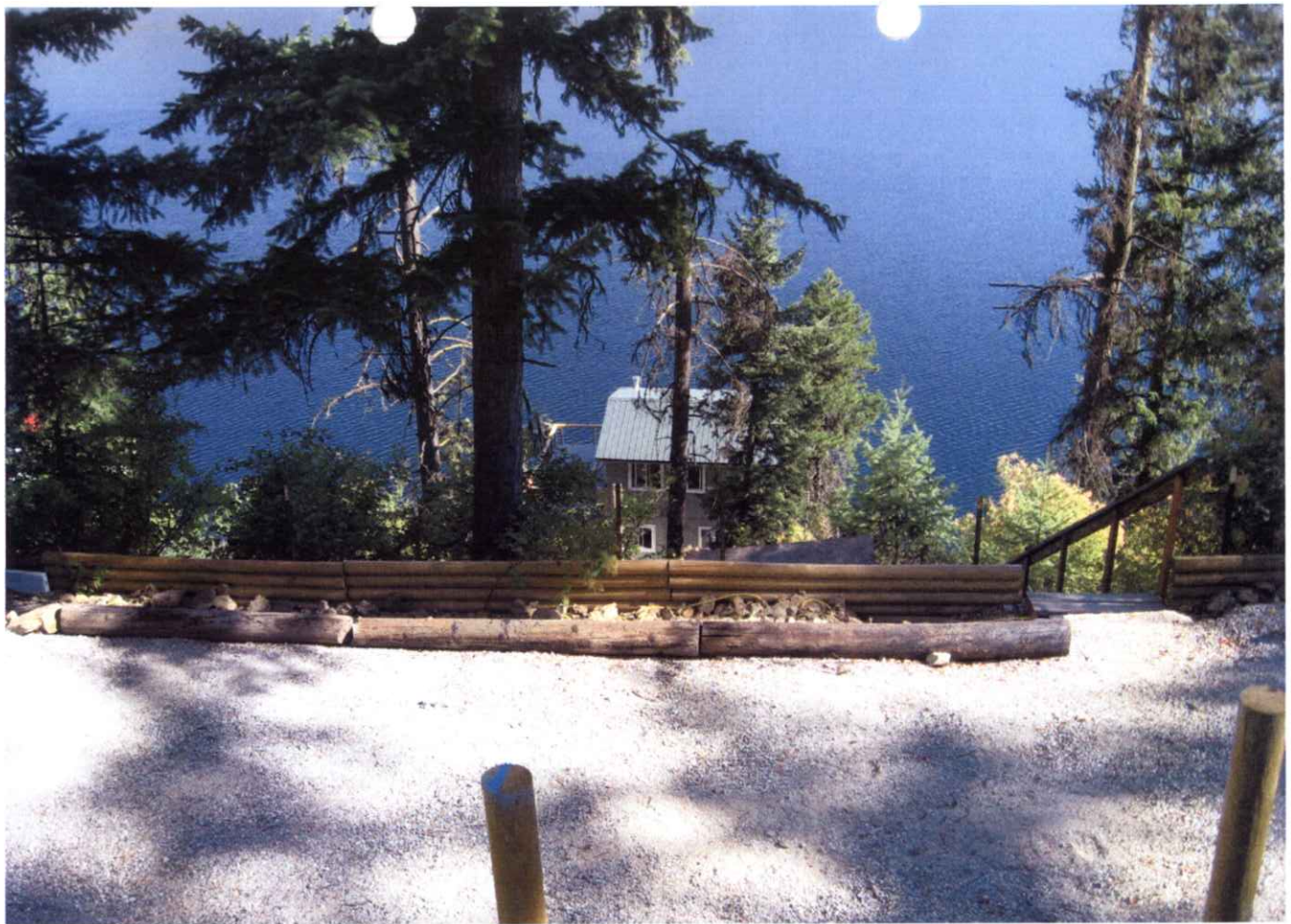
PUMP IN WATER

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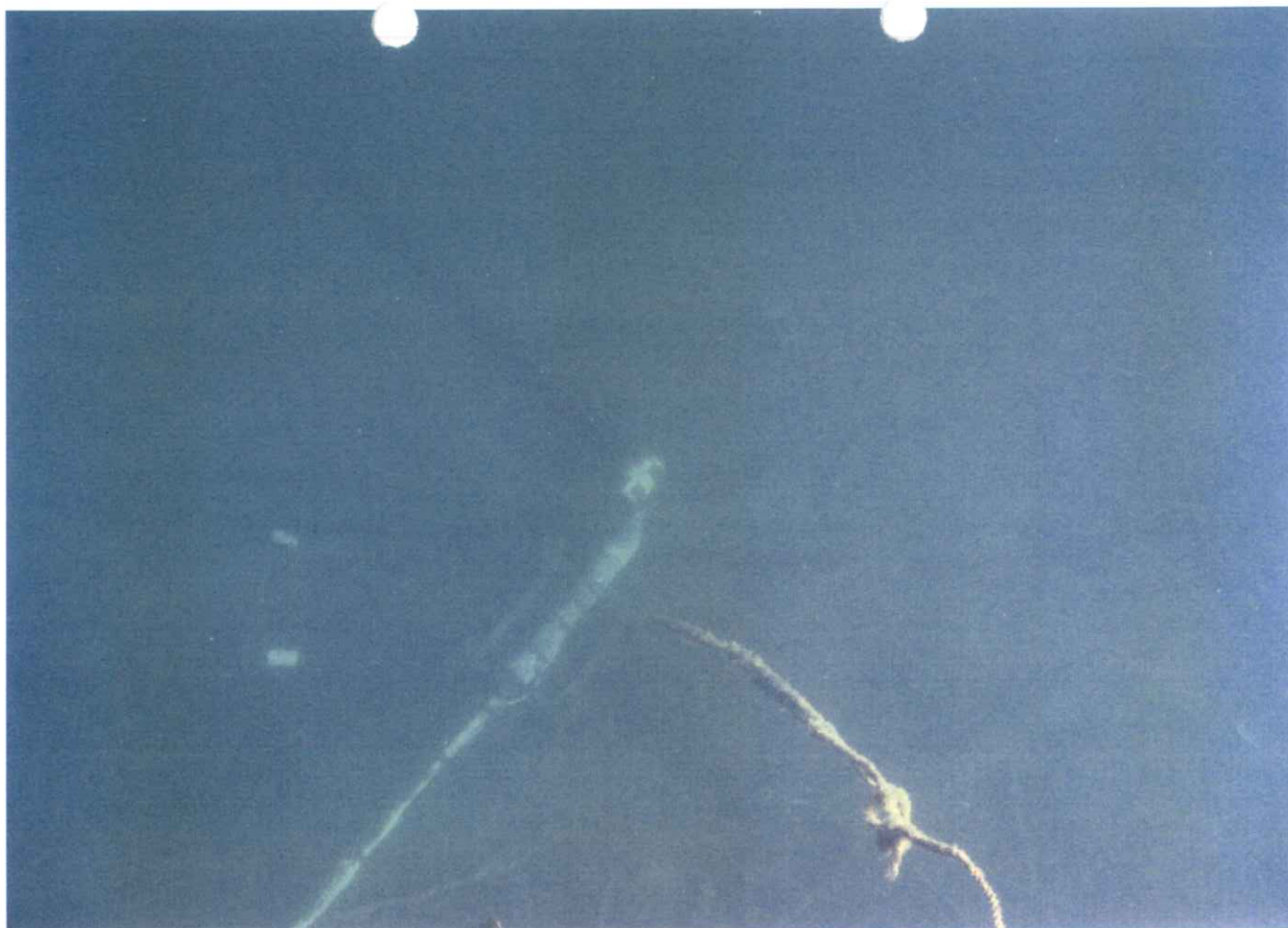
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