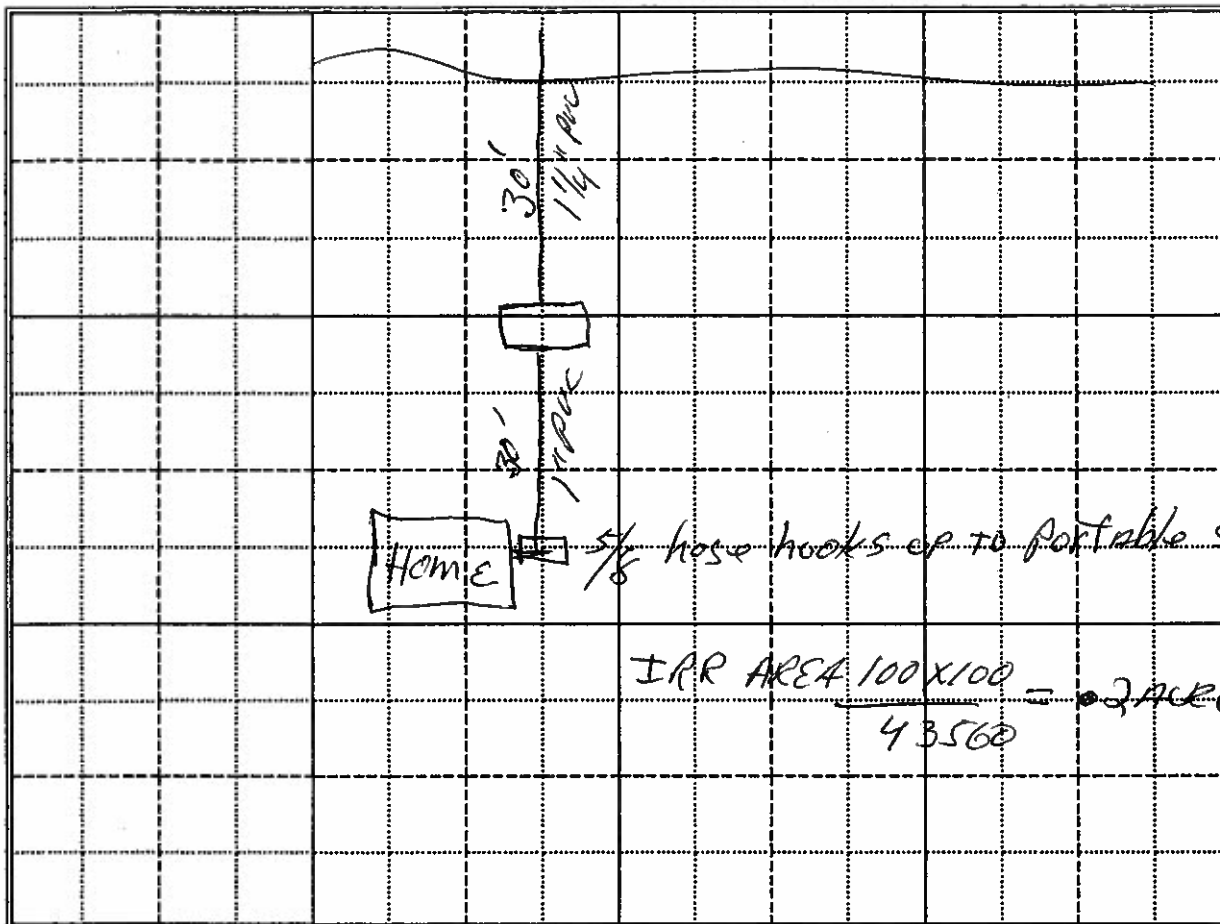


[illegible]

3. Delivery System Diagram: Indicate major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.

Pend Oreille River.



Scale: 1" = _____

____ Copy of USGS Quadrange Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ Aerial Photo Attached (required for irrigation of 10+ acres)

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	<i>STA-Rite</i>	<i>.5</i>	<i>C4842EC11C3</i>	<i>SNC-L</i>	<i>1"</i>

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: _____

E. NARRATIVE/REMARKS/COMMENTS

This irrigation is out of the River and domestic use ^{appears} ~~is~~ supplied
by right #96-8823

Have conditions of permit approval been met? ☒ yes ☐ no

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

Theoretical

$$\frac{8.8(0.5)(0.7)}{40 + (2.31 \times 30)} = \frac{3.08}{109.3} = .02 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = .2 \times 3 = .6$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .02 \times 213 \times 1.9835 = 8.4$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = .6$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>Irrigation</i>	<i>04-01</i>	<i>10-31</i>	<i>.02</i>	<i>.6</i>
Totals:			<i>.02</i>	<i>.6</i>

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

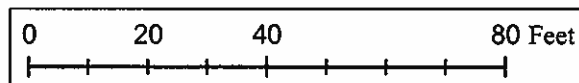
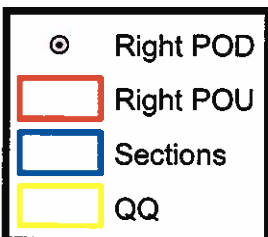
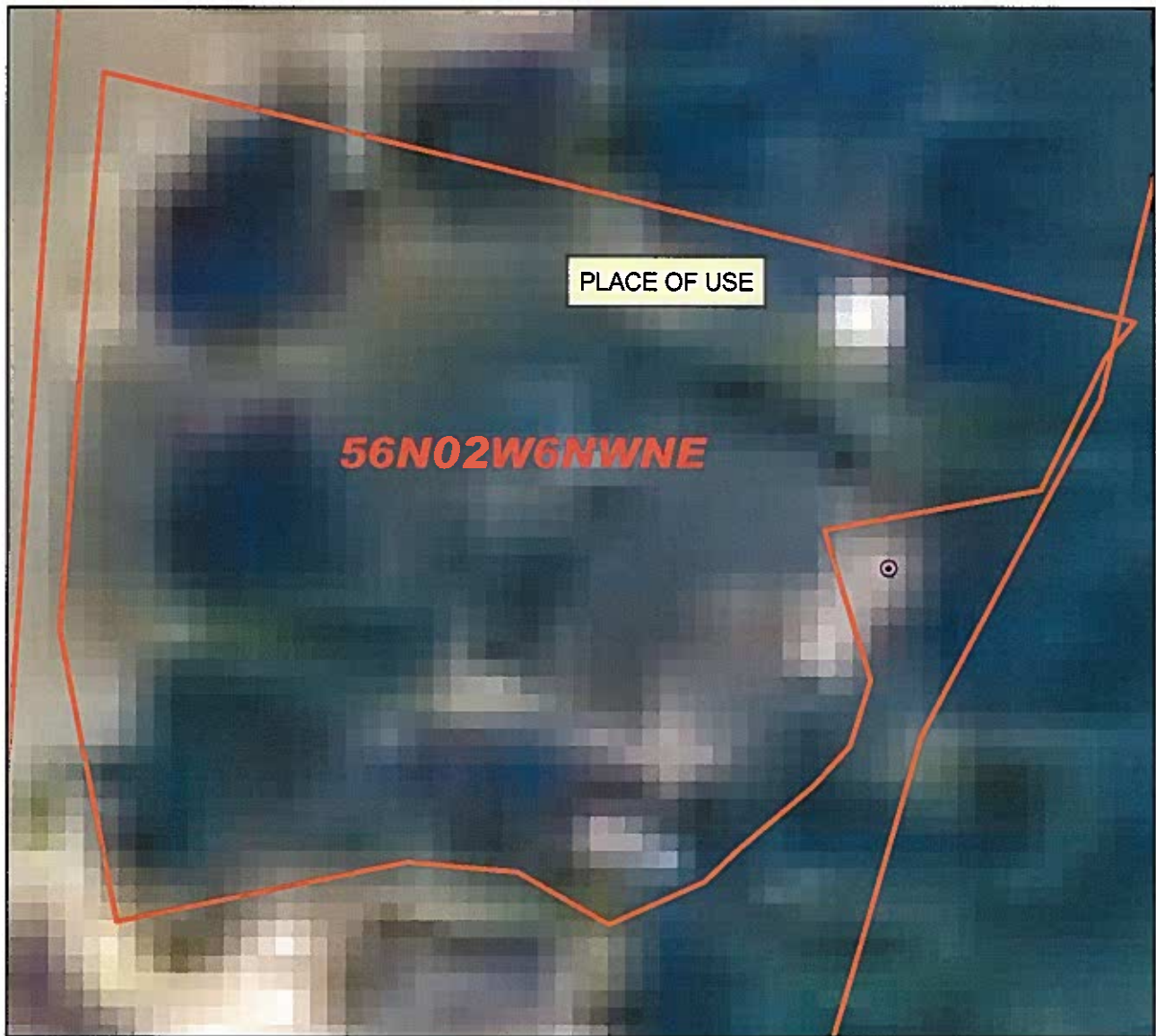
I. AUTHENTICATION

Field Examiner's Name *Wagner Balaban* Date *8-17-08*

Reviewer *[Signature]* Date *8/25/8*

SEAL

96-9297





IMG_1097.JPG



pipe.JPG



point of diversion2.JPG



point of diversion3.JPG



pump.JPG

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