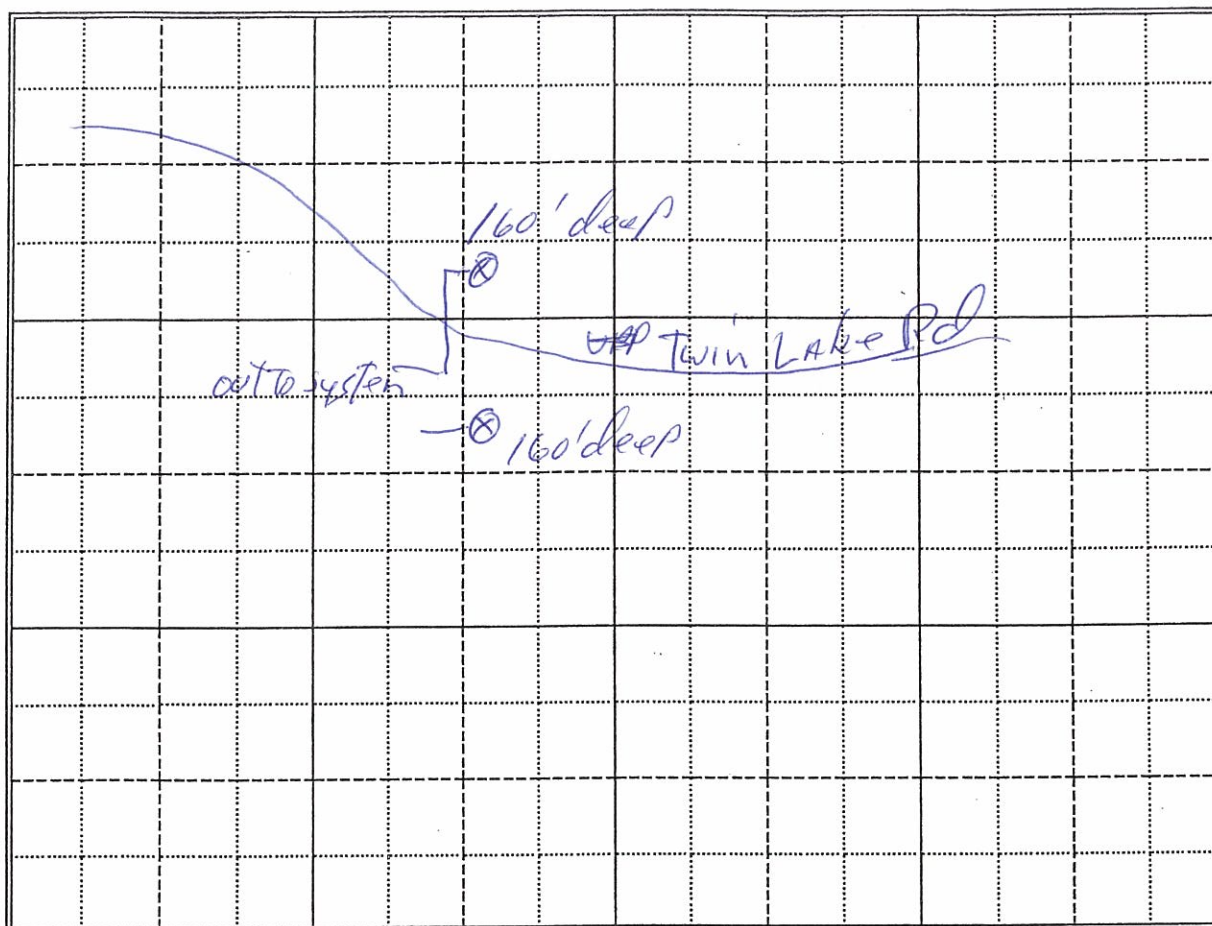


[illegible]

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



Scale: 1" = _____

____ Copy of USGS Quadrangle 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
	Franklin	1		Sub	
	Franklin	1.5		Sub	

*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: _____

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

24

F. FLOW CALCULATIONS

Measured Method:

____ Additional Computation Sheets Attached

Theoretical

$$\text{Well 1} = \frac{8.8(1)(.7)}{160 + (2.31 \times 30)} = \frac{6.16}{229.3} = .02 \text{ cfs}$$

$$\text{Well 2} = \frac{8.8(1.5)(.7)}{160 + (2.31 \times 30)} = \frac{9.24}{229.3} = .04 \text{ cfs}$$

} = .06 cfs

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

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>Municipal</i>	<i>01-01</i>	<i>12-31</i>	<i>.06</i>	
Totals:			<i>.06</i>	

2. Recommended Amendments

change Pt. from SW SW to NW SW 36 53W 05W
☒ 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. AUTHENTICATIONField Examiner's Name *Wayne Baldwin* Date *9-25-09*Reviewer *Eric R...* Date *1-6-2010*

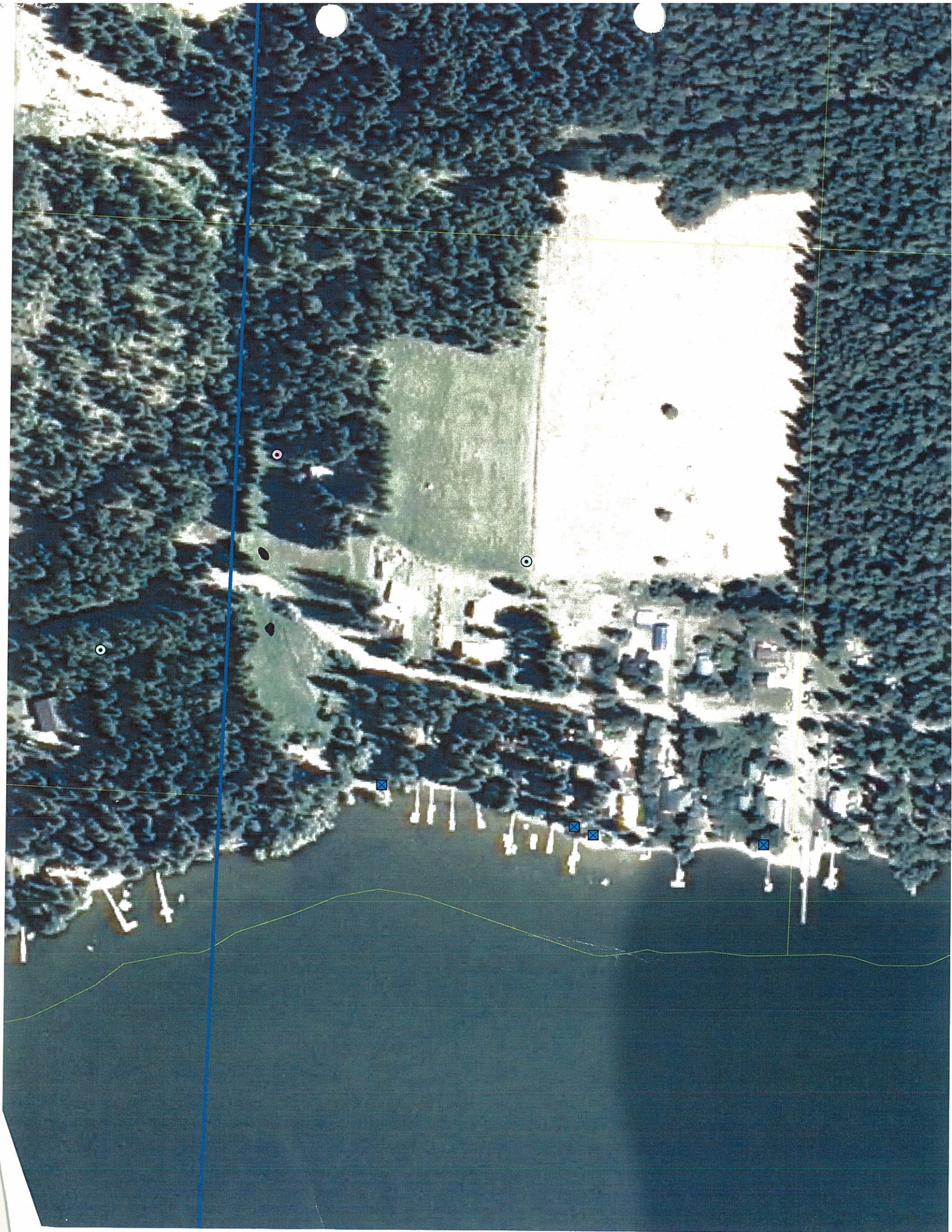
SEAL

NW SW L4 S.36 T53N R05W

ADS

SW SW L4 S.36 T53N R05W







pod2.JPG



pod.JPG



pump controler and power
meter.JPG

