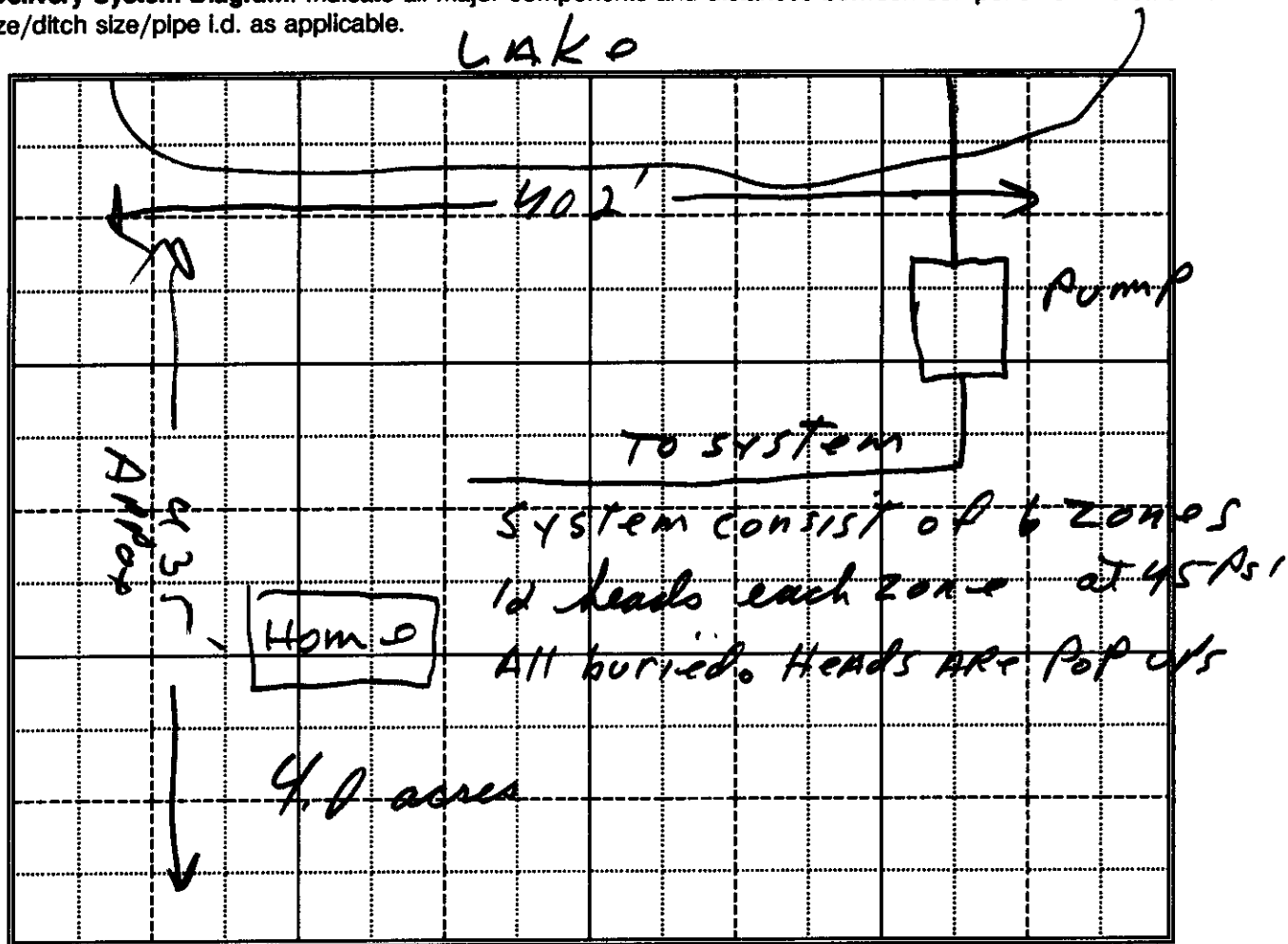


[illegible]

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate well 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
	STAYRITE	2.5		STAYRITE	2"

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

didn't get (bees)

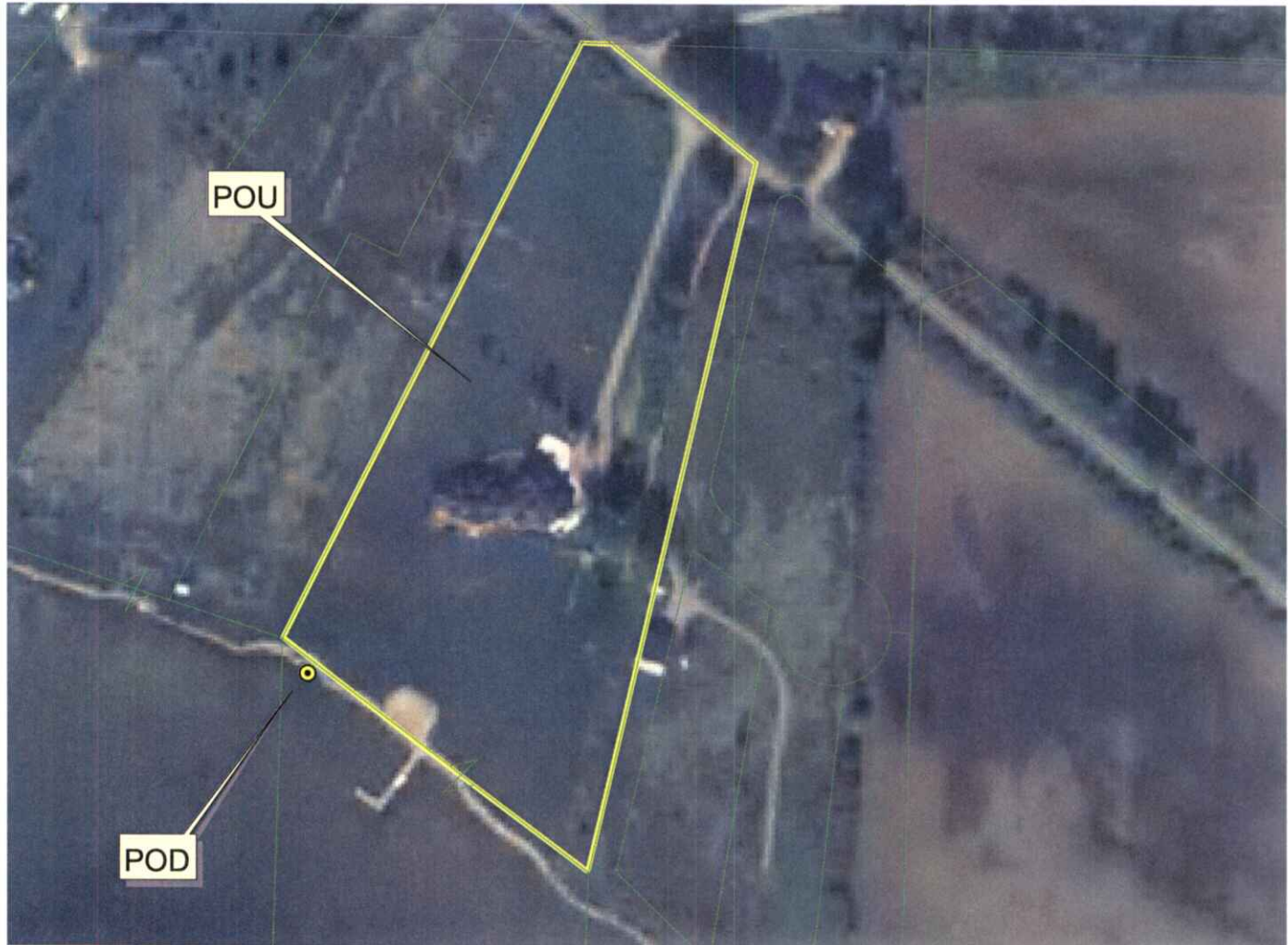
D. FLOW MEASUREMENTS

1.

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

2. Measurements: _____

96-9168



0.06 0 0.06 0.12 Miles

-  Bonner taxlots
-  GCDB58N01W GCDB
-  GCDB57N01W GCDB
-  Foster.shp
-  Pou.shp
-  Pod.shp
-  Administrative BasinsAdminbas.shp



96-9168
Pump house



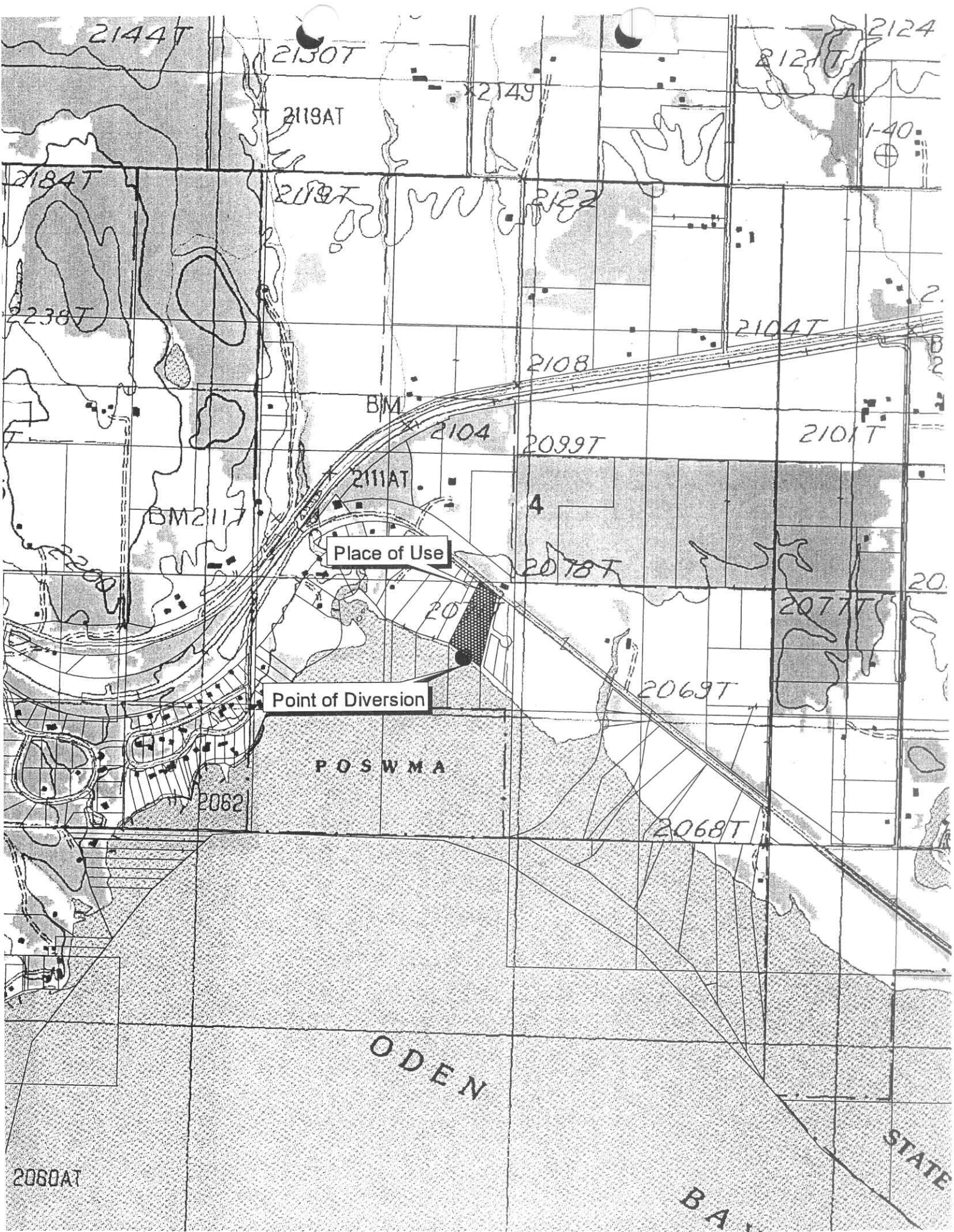
pu

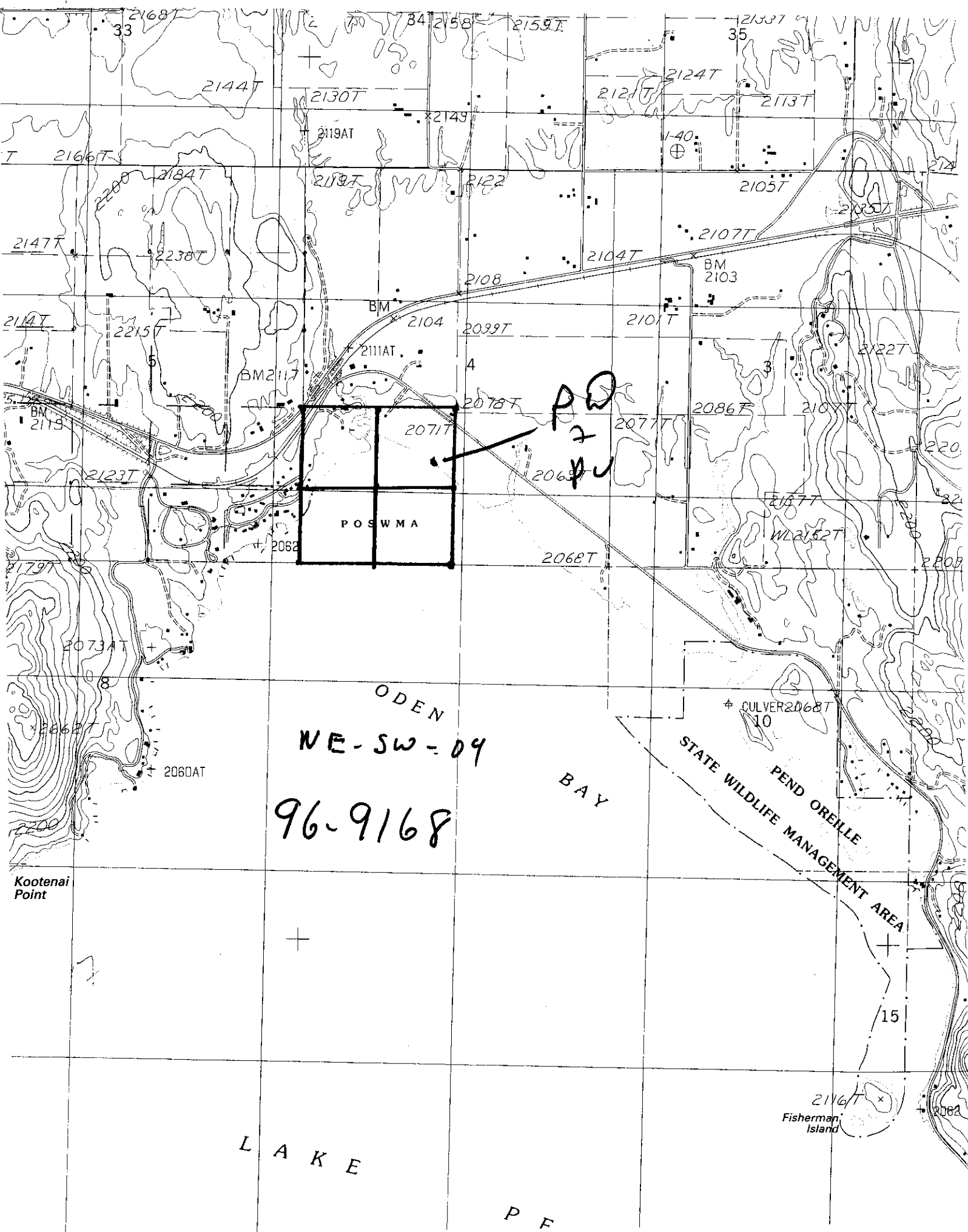


pu



96-9168
Grain





MEMORANDUM

Date: January 04, 2007
To: Water Right File 96-9168
From: kfranklin
Re: Field Report Narrative

The field examiner, Wayne Baldwin, performed a theoretical flow calculation. He could not enter the pump house due to a bee infestation.

Conditions of the permit have been met.

The irrigation system consists of a pump, stationed at the shoreline of Pend Oreille Lake with a discharge pipe leading to 6 zones of 12 sprinkler heads. Each zone operates at 45 psi. All the sprinkler heads are of the buried pop-up type.

E. NARRATIVE/REMARKS/COMMENTS

Picture inside pump house didn't get,
(batteries dead)

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

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

theoretical

$$\frac{8.8(2.5)(.7)}{25 + (2.31 \times 45)} = \frac{15.4}{128.95} = .11$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 4 \times 3 = 12$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .11 \times 213 \times 1.9835 = 46$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 12$$

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		
Irrigation	04-01	10-31	.11	12
Totals:			.11	12

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. AUTHENTICATIONField Examiner's Name Wayne Baldwin Date 9-26-06Reviewer Keith L. Franklin Date 1/4/07

SEAL