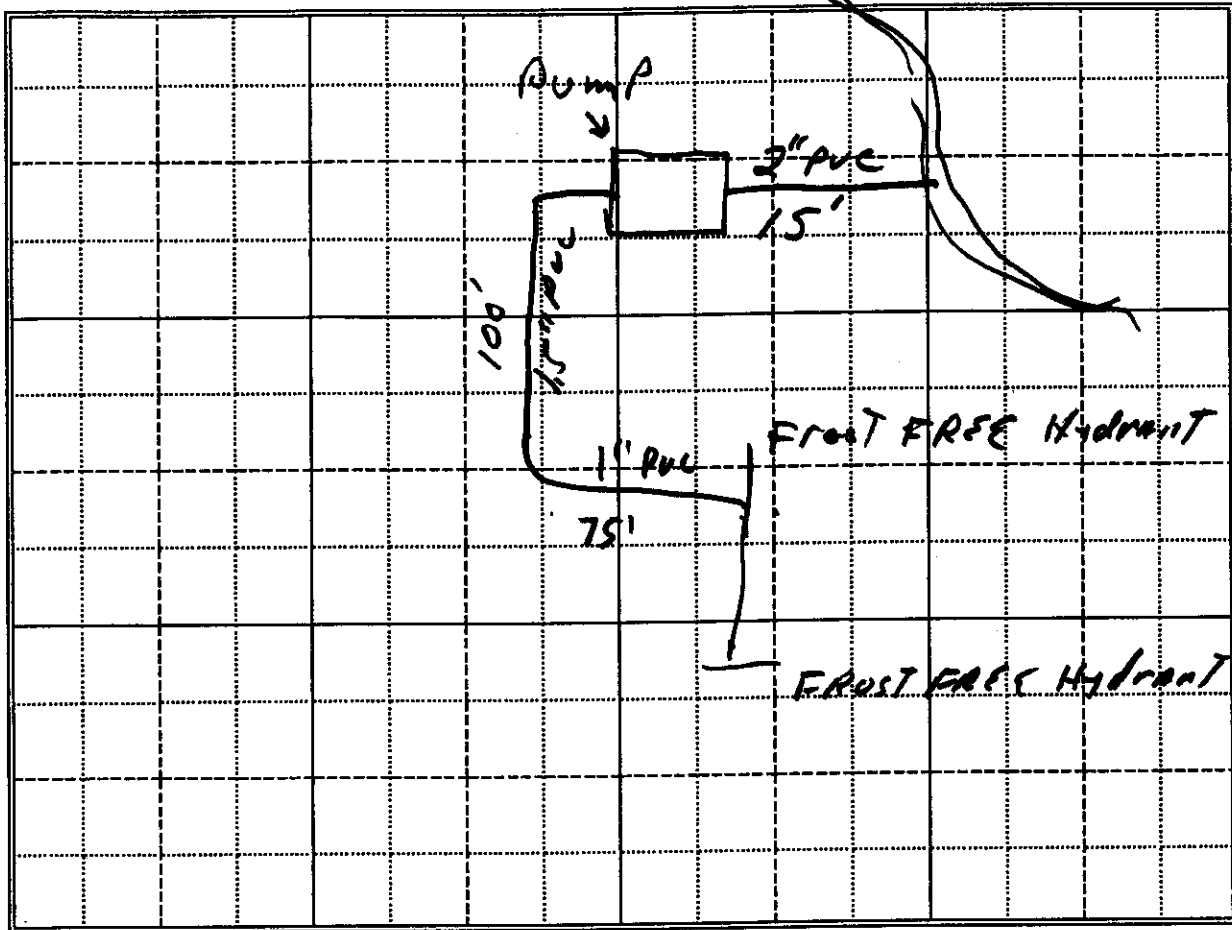


[illegible]

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
	DAYTON	2	9K865B	DAYTON	1.5"

*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: _____

MEMORANDUM

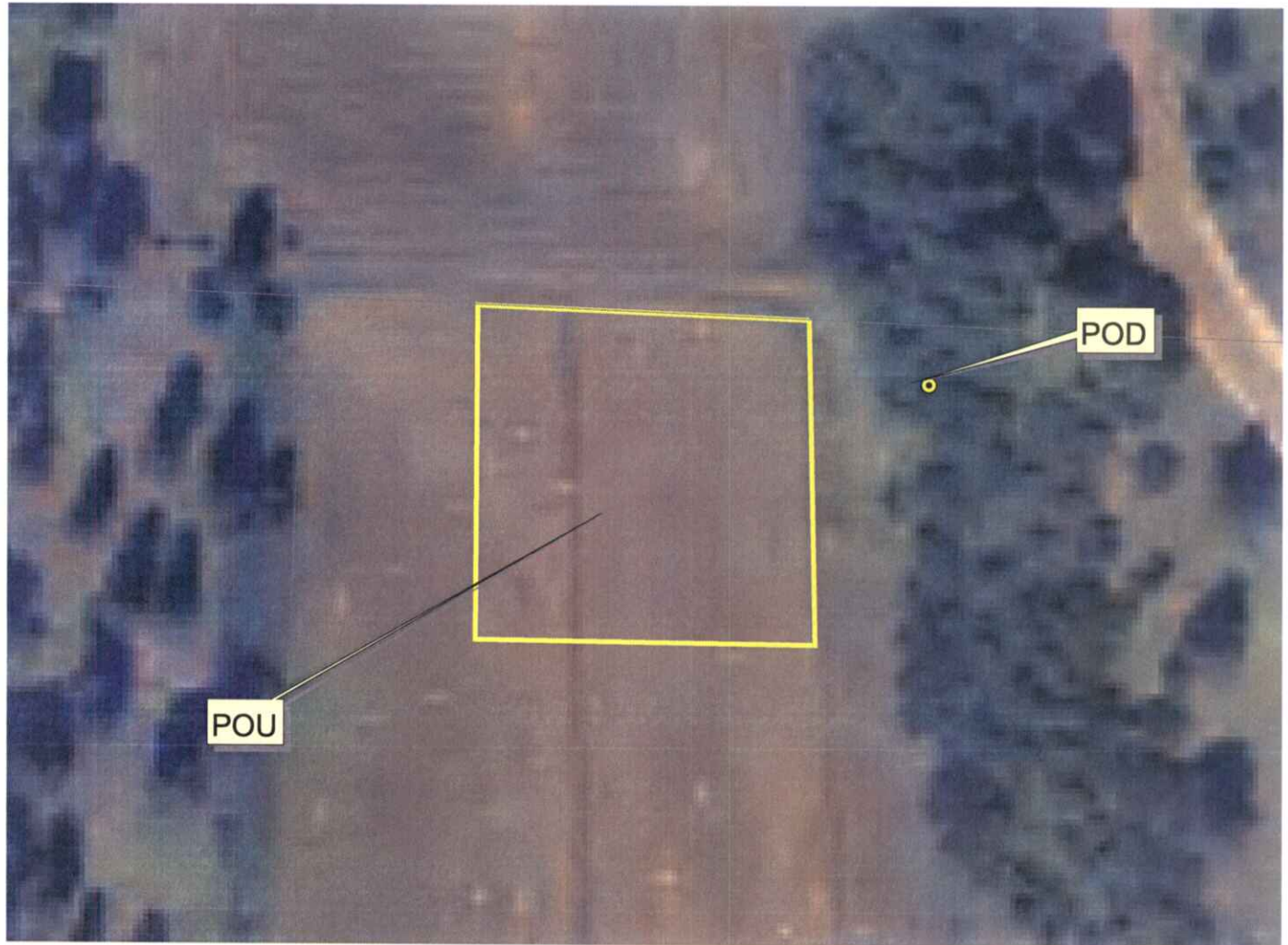
Date: December 01, 2006
To: Water Right File 96-9178
From: kfranklin
Re: Field Report Narrative

A main trunk line from the pump runs up to the home area. From there, there is a 5/8 inch hose with portable sprinklers that do the irrigation.

A flow measurement was done on the trunk line utilizing a 5 gallon bucket. A 60 ft to 70 ft rise in elevation was observed from the creek to the irrigated area.

Irrigation and overall diversions were adjusted to reflect the actual output of the pump. Irrigation diversion changed from 0.03 cfs to 0.02 cfs and the overall diversion from 0.05 cfs to 0.02 cfs.

96-9178



-  Bonner taxlots
-  GCDB56N03W GCDB
-  Foster.shp
-  Pou.shp
-  Pod.shp
-  Administrative BasinsAdminbas.shp



96-9178 (Pencock)



Pump



pd



nd

T. 57
T. 56 N.

5342

5341

18

18

17

16

19

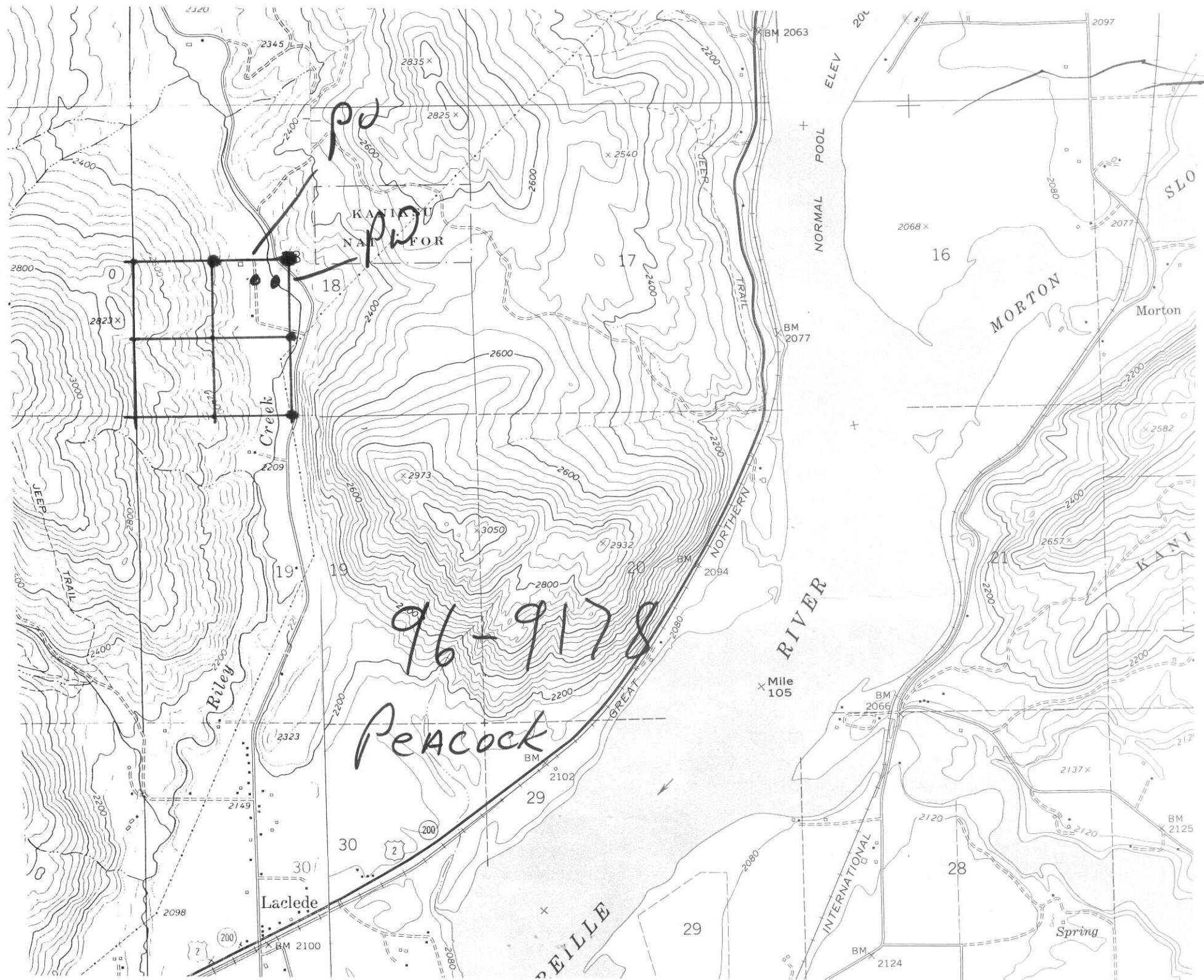
19

20

RIVER
PEACOCK

T. 56 N. R. 36 W.





E. NARRATIVE/REMARKS/COMMENTS

Trunk runs up to home area. These
3/8" hose & portable sprinklers do the irrigation
5 gal bucket measurement done on main
trunk up at home area. 60' to 70' rise from
creek to usage area

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

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

5 gal bucket

$$5 \text{ gal in } 30 \text{ sec} = \frac{109 \text{ ppm} \times 1.33681}{60} = .02$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1 \times 3 = 3$$

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

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3$$

2. Volume Calculations for Other Uses:

$$\text{Stockwater: } \frac{10 \text{ head} \times 12 \text{ gal} \times 365 \text{ days}}{325,000 \text{ gal/acre}} = 0.13 \text{ acre}$$

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	.02	3
Stockwater	01-01	12-31	.02	.1
Totals:			.02	3.1

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 Wayne Baldwin Date 9-27-06

Reviewer Beth L. Franklin Date 12/1/06

SEAL