

97-7417

T56N R4W Section 3



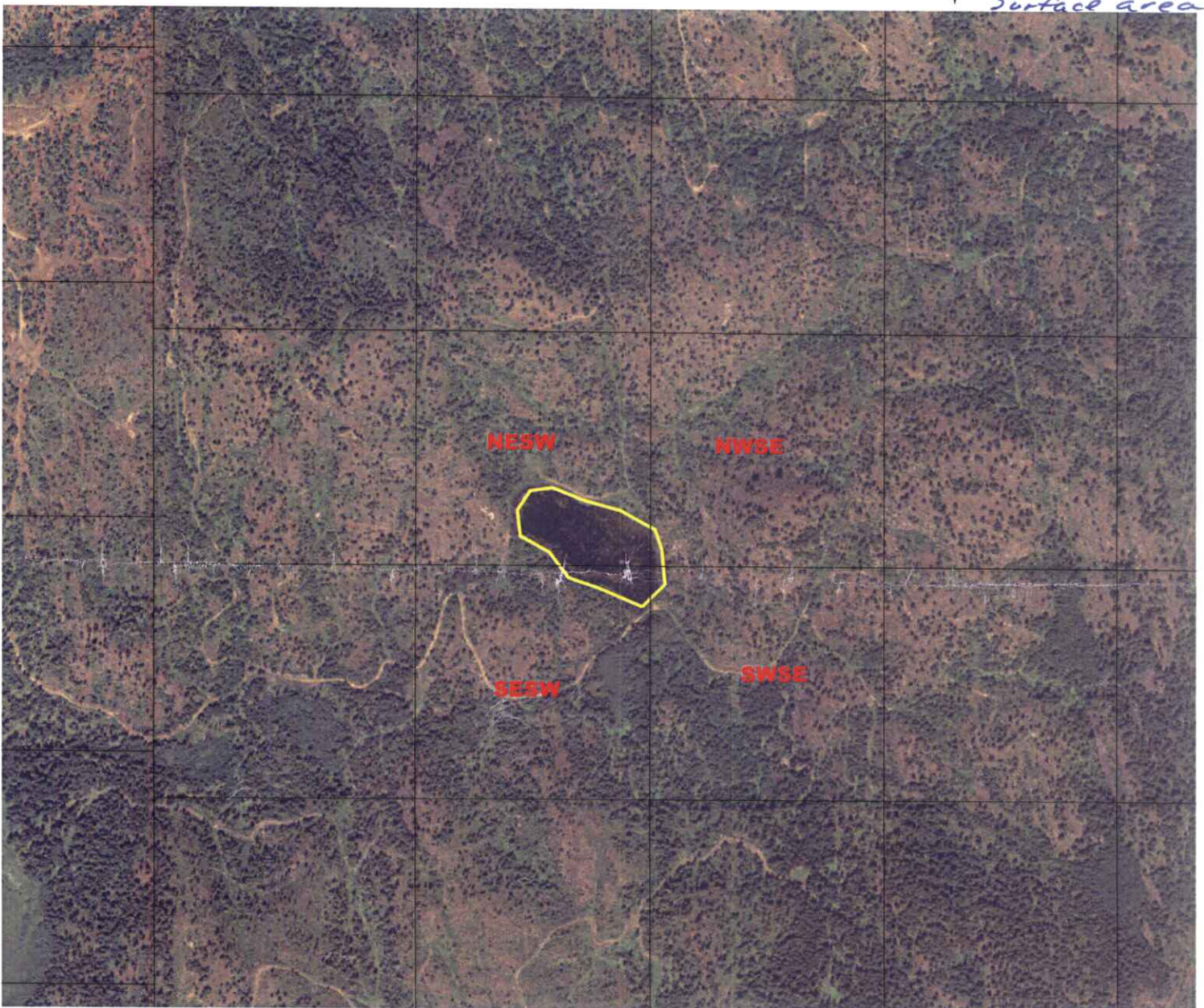
Place of Use



Point of Diversion



*7.6 Acre
Surface area*



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

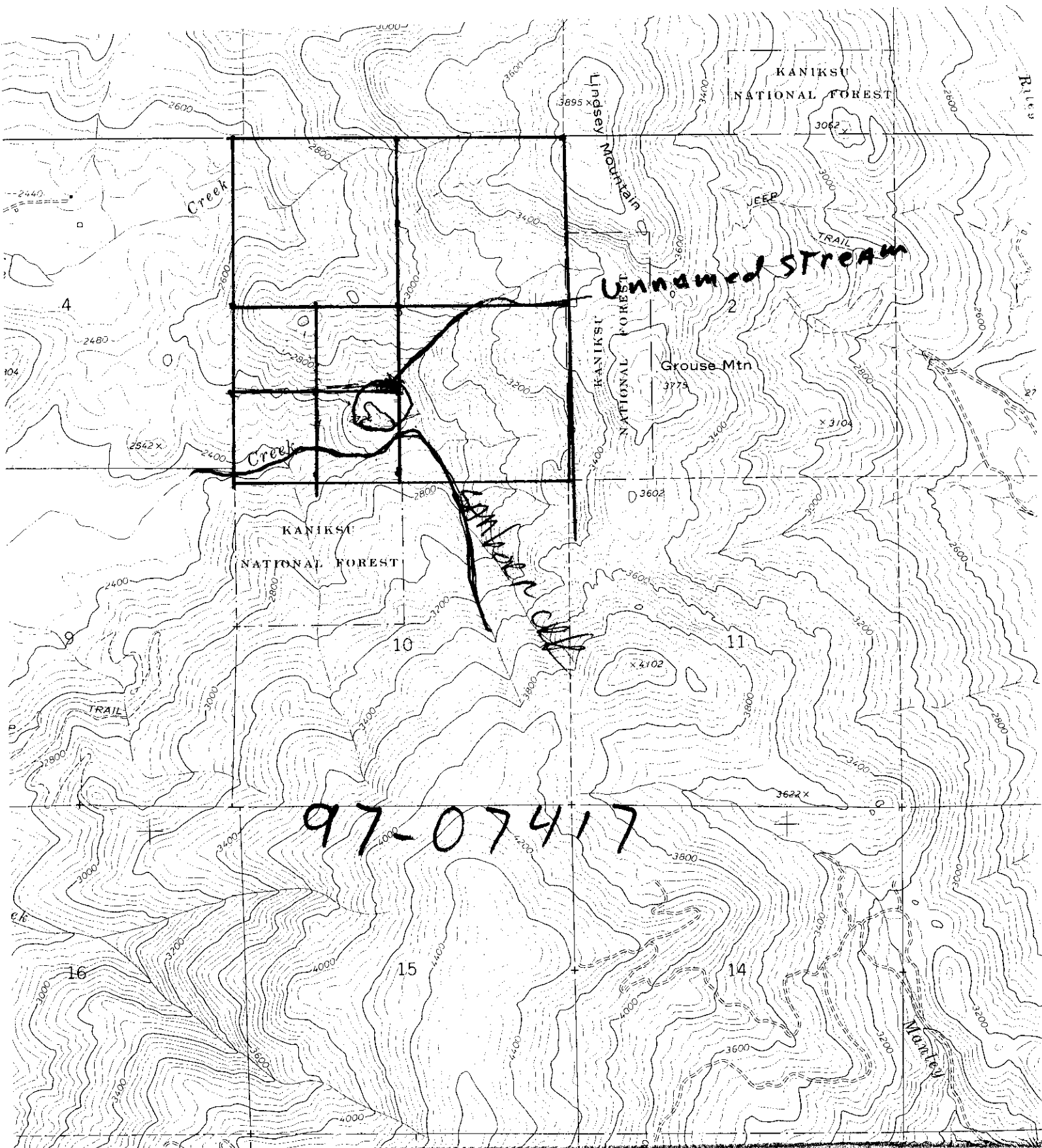
*Code to correspond with No. on map and aerial photo

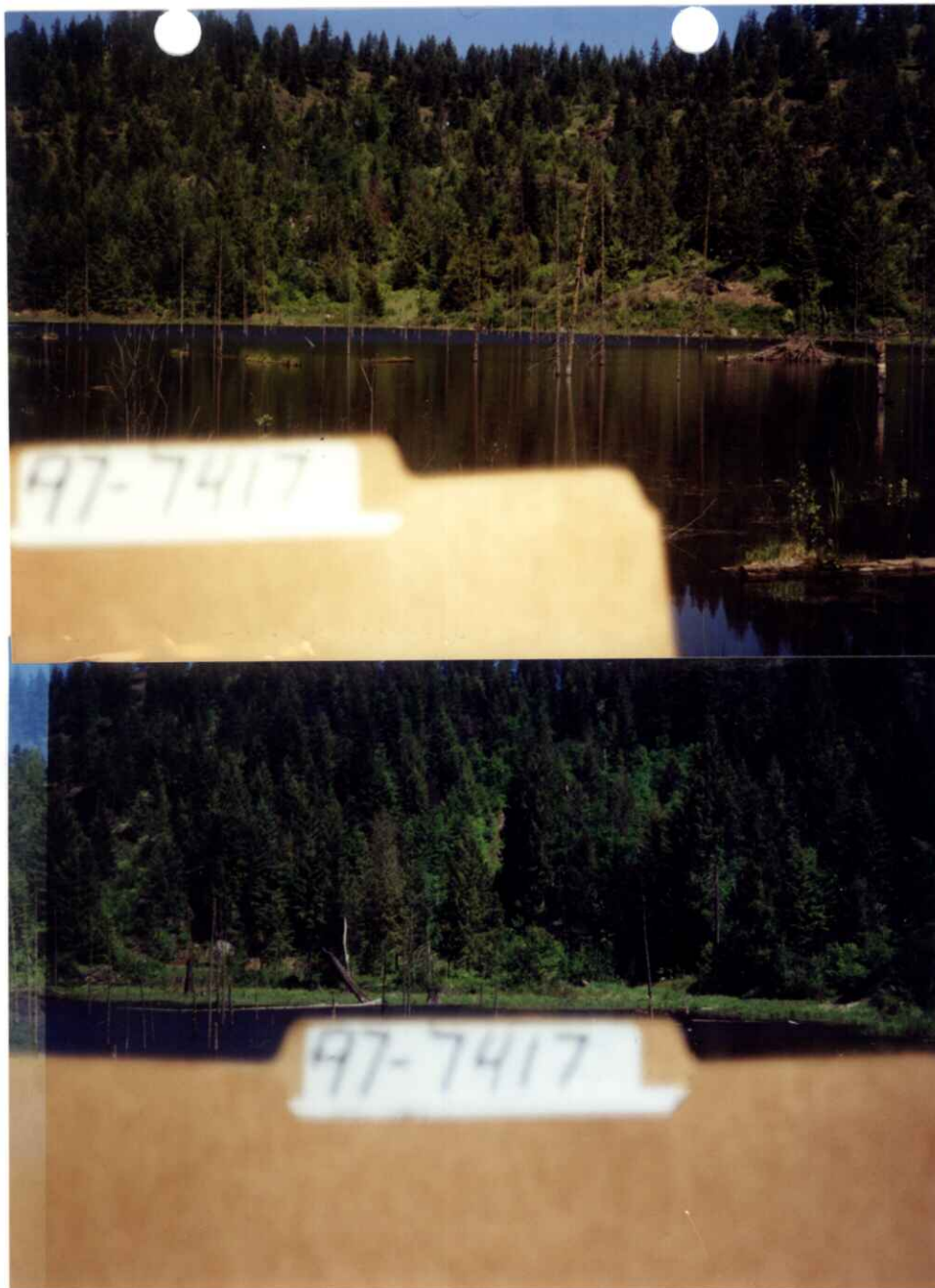
D. FLOW MEASUREMENTS

1.

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

2. Measurements: _____



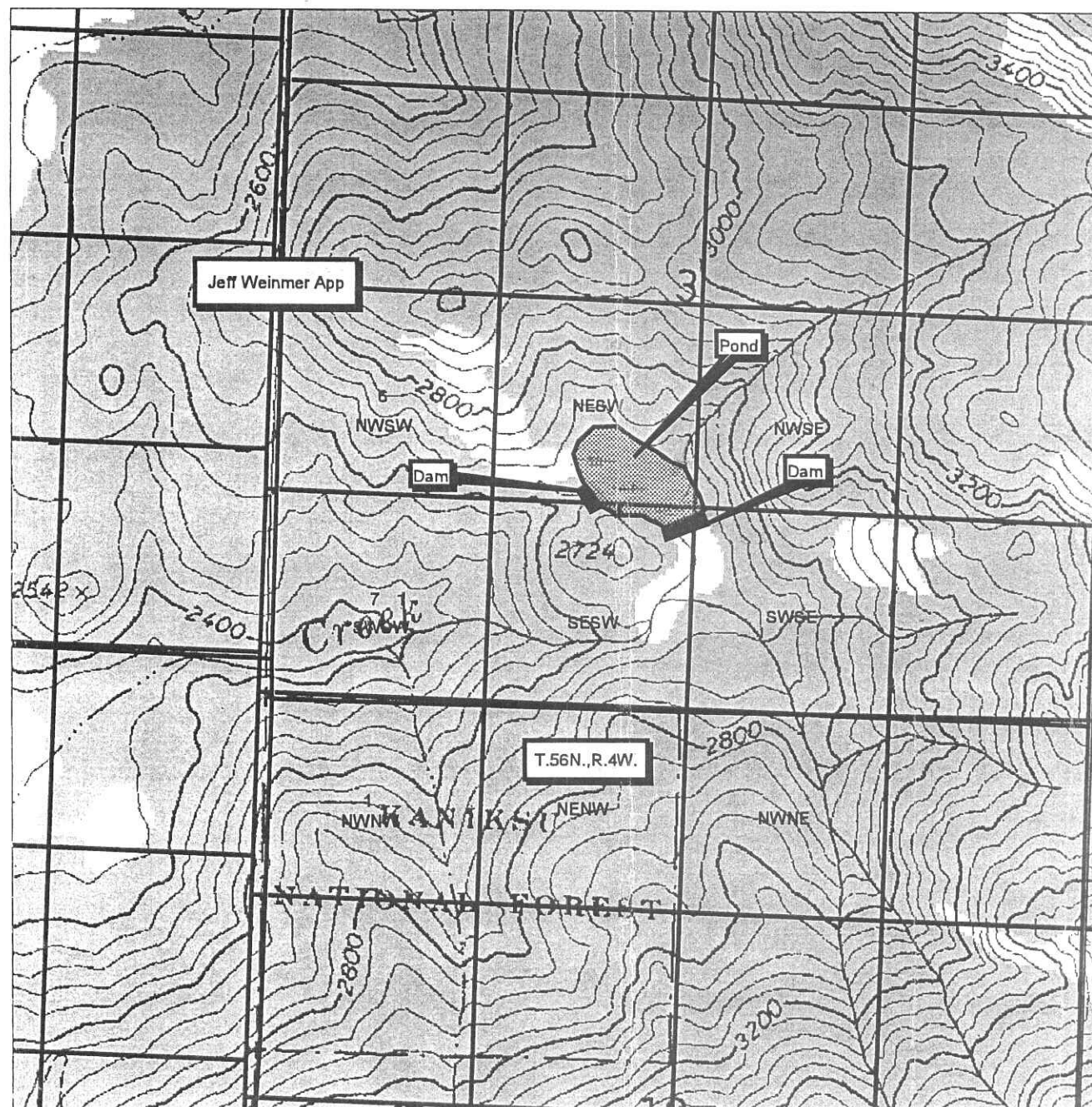
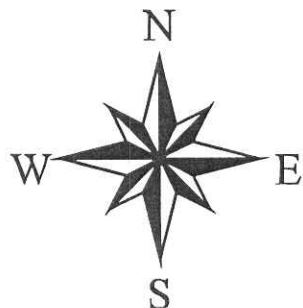


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J.D. Lumber

56 N - 04 W - 03

-  PLSS Section LinesSections.shp
-  T56n04w.shp
-  Quad IndexQuadcov.shp



E. NARRATIVE/REMARKS/COMMENTS

The unnamed stream described on permit is intermittent, only runs during period of run off. Pond fills basically all the way around during snow melt periods in spring.

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

F. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

G. 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:**

*Surface area is 7.6 acres.
Max depth is 10' at dam Slope is gentle (.4)*

$$\frac{331056 \times 10 \times .4}{43560} = 30.4 \text{ acre ft.}$$

H. RECOMMENDATIONS**1. Recommended Amounts**

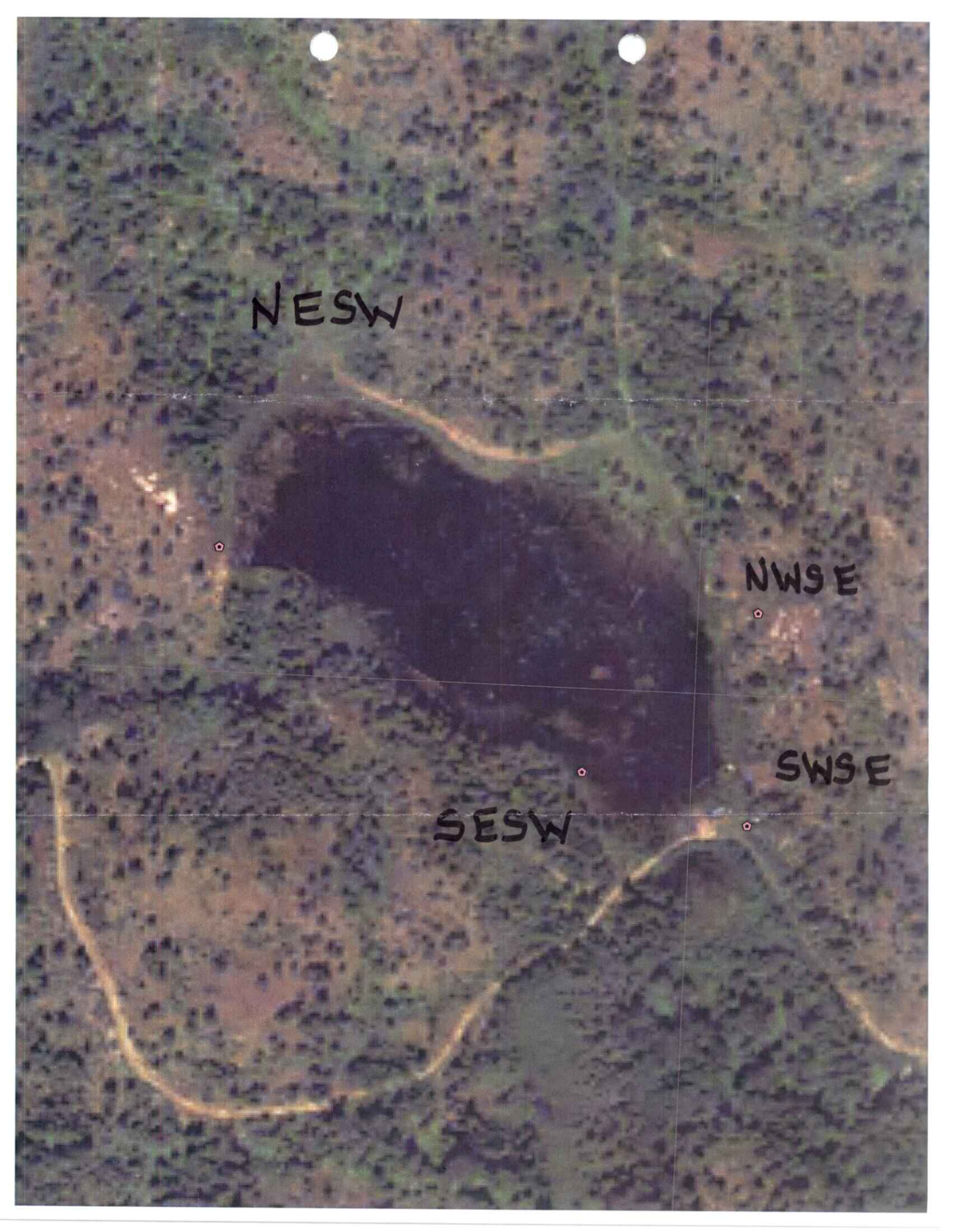
Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>Wildlife Stor.</i>	<i>01-01</i>	<i>12-31</i>	_____	<i>30.4</i>
<i>Recreation Stor.</i>	<i>01-01</i>	<i>12-31</i>	_____	<i>30.4</i>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:				<i>30.4</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. AUTHENTICATIONField Examiner's Name *Wayne Baldwin* Date *8-3-05*Reviewer *Bertie J. Franklin* Date *2/1/06*

SEAL



NESW

An aerial photograph of a landscape, possibly a wetland or marsh, with a grid overlay. The image is dark and grainy, with some lighter, winding features that could be paths or water. Handwritten labels in black ink are placed at various points: 'NESW' in the upper left, 'NWSE' in the middle right, 'SWS E' in the lower right, and 'SESW' in the lower center. There are also four small red dots with white outlines, one near each label. Two white circular marks are visible at the top edge of the image.

NWSE

SWS E

SESW