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Department of Water Resource

A. GENERAL INFORMATION

Permit No. 98-07713

1. Owner: Steven A Danks

Phone No. (208) 267-7785

Current Address: HCR 60 Box 215 D Bonners Ferry Id 83805

2. Accompanied by: Steven Banks

EXAM DATE: 7-8-99

Address: Same as above Phone No. _____

Relationship to Permit Holder: _____

3. Source: Olds Creek tributary to Link

B. OVERLAP REVIEW

1. Other water rights with the same place of use: _____

2. Other water rights with the same point of diversion: _____

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

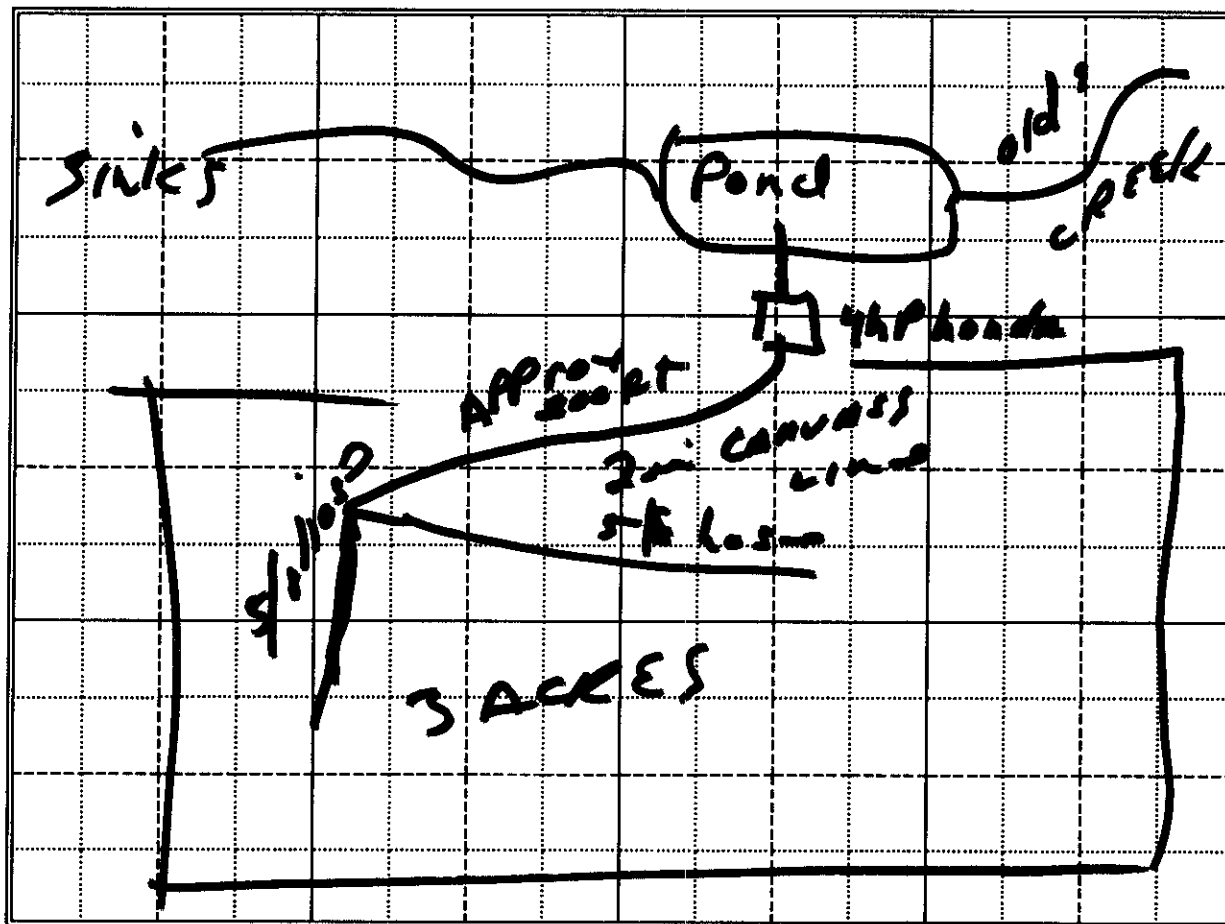
[illegible]

2. Place(s) of Use:

Indicate Method of Determination

[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
	Honda	4	55150	Honda	0073858

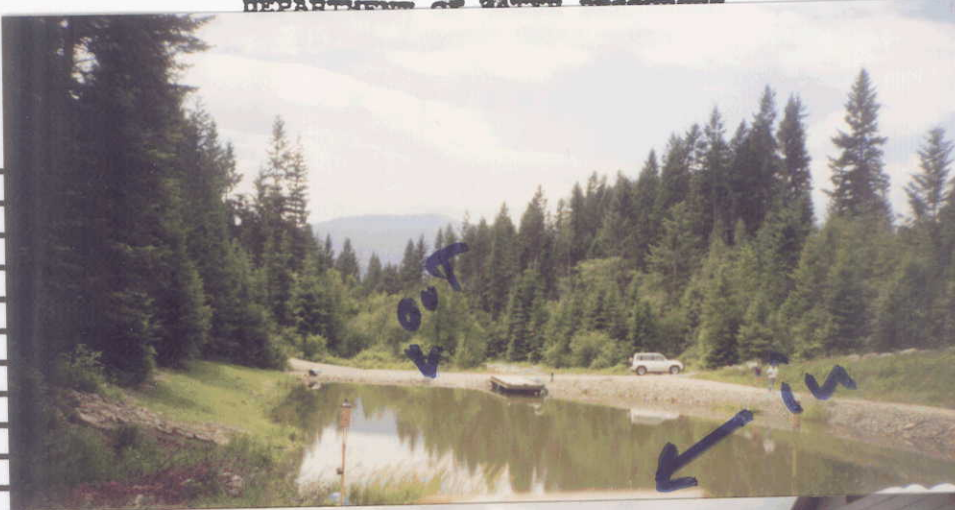
*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

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

2. Measurements: _____



98-07713 Banks

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



E. NARRATIVE/REMARKS/COMMENTS

4hp Honda gasoline powered pump
from in stream storage facility (Pond)
delivers to irrigated area where portable
sprinklers are moved around to irrigate
desired area

Only 3 acres are irrigated not 17 as permit

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

F. FLOW CALCULATIONS

Measured Method:

4 Portable sprinklers
on 700 feet of 5/8 hose

used to water trees & lawn 5 gal bucket at 50 psi head 5 gal in 46 sec
= 6.59 gpm x 4 heads = 26.36 gpm x 1.33651 = 1.06

Pump Theoretical

Additional Computation Sheets Attached

$$\frac{8.8(4)(.07)}{75(2.31 \times 50)} = \frac{24.64}{190.5} = .13 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3 \times 3 = 9$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .06 \times 245 \times 1.9835 = 2.9$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 9$$

2. Volume Calculations for Other Uses:

Storage Pond

$$\frac{175' \times 115' \times 13' \times .4}{43560} = \frac{104650}{43560} = 2.4 \text{ AF}$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	03-15	11-15	.06	9
Irrigation Storage	01-01	12-31		2.4
" from Storage	03-15	11-15	.06	
Recreation Storage	01-01	12-31		2.4
" from Storage	01-01	12-31		
Totals:			1.06	11.4

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 Baldani Date 8-24-99

Reviewer _____ Date _____

SEAL