

[illegible]

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

(See attached color map)

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: _____

93-7054



0.07 0 0.07 0.14 Miles



 Kootenai taxlots

E. NARRATIVE/REMARKS/COMMENTS

Pond built for recreational storage by David L. Duncan

Ownership change confirmed by original applicant; Effie L. Wright; to David L. Duncan. Effie L. Wright pointed to correct location of pond on unnamed stream tributary to North Fork Rock Creek. File indicated original location near unnamed stream tributary to Lake Creek.

Pond recharged by ~~infiltration from~~ adjacent unnamed stream and sheet flows.

.55 acre pond
x 6.5' average depth
3.57 acre feet = 3.6 af

USDA assistance received ~~from~~ for pond construction.

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:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<u>Recreation Storage</u>	<u>01/01</u>	<u>12/31</u>	_____	<u>3.6 AF</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:			_____	_____

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 Shawn M. Mapey Date 4/23/07

Reviewer _____ Date _____

SEAL



INLET FROM FIELD
DRAINAGE



INLETS FROM FIELD
DRAINAGE



OUTLET INTO STREAM



OVERFLOW



POND



POND 2



Culvert from field



Inlets from field



outlet to stream





