

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-8986

Exam Date: 5/15/2007

1. Current Owner: ROBERT T FREDERICKS
HCR 60 BOX 273
BONNERS FERRY ID 83805
(208) 267-1325

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCE

UNNAMED STREAM

TRIBUTARY

LAKE CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE
2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

UNNAMED STREAM

SW1/4SE1/4

Sec. 17, Twp 48N, Rge 05W, B.M.

KOOTENAI County

Method of Determination: GPS

2.

PLACE OF USE: WILDLIFE STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
48N	05W	17															X		

Method of Determination:

3. _____ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.

☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

_____ Aerial Photo Attached (required for irrigation of 10+ acres).

☒ Photo of Diversion and System Attached

4.

<u>Well or Diversion ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

2. Measurements:

N/A

E. FLOW CALCULATIONS

Measured Method:

_____ Additional Computation Sheets Attached

F. 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:

$$.52 \text{ acres} \times 7 \text{ ft deep} = 3.64 \text{ AF} \times .4 \text{ bank} = 1.456 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS

THIS IS AN INSTREAM POND THAT COVERS ROUGHLY ABOUT .5 ACRES. THE DAM HAS AN OVERFLOW AND A DRAIN PIPE. AT THE DEEPEST POINT THE POND IS ABOUT 7 FOOT DEEP.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
WILDLIFE STORAGE	1/01 to 12/31		1.50 AF
<u>Totals:</u>			1.50 AF

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

Chad H Goodwin Date 5-16-07

Reviewer

[Signature] Date 7/23/7

SCANNED

MAY 22 2007

95-8986



-  Kootenai taxlots
-  GCDB48N05W GCDB
-  Right POD
-  Administrative BasinsAdminbas.shp
-  Pou.shp
-  Pod.shp





DAM



INTAKE FROM DAM



OVERFLOW FROM DAM



POINT OF DIVERSION



POND AND DAM



STREAM INTO POND











