

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-8873

Exam Date: 7/24/2008

1. Current Owner: INDIAN CREEK RANCH OWNERS ASSN INC
PO BOX 3411
HAILEY ID 83333-3411
(208)788-9887
2. Accompanied by: DENNIS KAVANAGH
Phone No:
Address:
Relationship to Permit Holder: Former president of Indian Creek Ranch Owners Assn Inc.

3. SOURCE TRIBUTARY
INDIAN CREEK BIG WOOD RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 37-296A
2. Other water rights with the same point of diversion:

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

INDIAN CREEK NE1/4SE1/4 Sec. 22, Twp 03N, Rge 18E, B.M. BLAINE County

Method of Determination: Site Visit

2. PLACE OF USE: WILDLIFE STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
03N 18E 22	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
													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>
724676					

*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>
N/A						

2. Measurements: N/A

E. FLOW CALCULATIONS

Measured Method: N/A

____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

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

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

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

2. Volume Calculations for Other Uses: WILDLIFE STORAGE

- POND ROUGHLY RECTANGULAR IN SHAPE

- POND HAS "V" SHAPED BOTTOM

$$\text{SURFACE AREA} = 44.5' (132') / 43,560$$

$$= 0.14 \text{ ACRES}$$

$$\text{CAPACITY} = 0.14 \text{ ACRES (9' DEPTH) (0.4)}$$

$$= 0.5 \text{ AF}$$

ADDITIONAL VOLUME ATTRIBUTED BY EVAPORATION (SEE NARRATIVE FOR EXPLANATION)

35 INCHES IDENTIFIED BY ANNUAL FWS EVAPORATION MAP

$$35/12 = 2.9 \text{ AF.}$$

$$2.9 \text{ AF (0.14 ACRES)} = 0.4 \text{ AF} \quad \text{TOTAL RECOMMENDED VOLUME TO POND} = 0.9 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS

Conducted beneficial use exam 07/24/08. Met with Dennis Cavanagh who is the former president of the home owners association. Place of use is roughly 4-5 miles northeast of Hailey up Indian Creek. Pond resides in the NESE of Section 22 T03N R22E. Point of diversion is also the NESE of Section 22 in the same township/range. Pond measured at 0.5 AF capacity. Because permit was issued without taking into account refill it was decided that evaporation loss will be counted and volume associated with evaporation will be added to the licensed volume. This partially rectifies the refill problem. Volume will remain under permitted amount. Fish were observed in pond at time of exam. See notes in file for more information on pond setup.

Pipe serving fire hydrant as observed in photographs was constructed under active permit 37-8721. However according to the remarks section in the application for permit 37-8873 Dennis Cavanagh stated that at time proof of beneficial use was filed for 37-8721 the pond had not been constructed. Fire protection out of this pond should be okay due to pond being authorized by this license.

Have conditions of permit approval been met? ☒ Yes* ☐ No
 -conditions met with approval of measuring device waiver

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		0.9 AF
<u>Totals:</u>			0.9 AF

2. Recommended Amendments

☒ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None

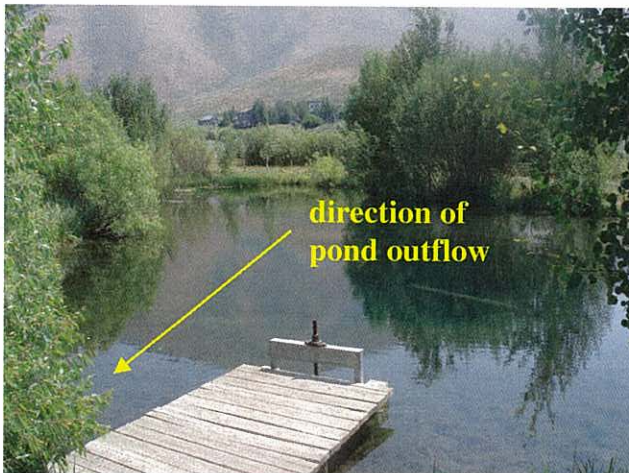
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Nick Van Dyke Date 7/24/08
 Reviewer Nick Van Dyke Date 1/16/09



- View of pond taken from eastern bank looking southwesterly.



- Shot taken from western end of pond. Water exits the pond just to the left of dock. Headgate in foreground is for overflow intake.



- Inflow of Indian Creek to pond.



- Pond outlet



-Intake pipe for fire hydrant.



- Point where overflow pipe discharges. Small stream visible in bottom left of picture is water from pond spill way.



- Fire hydrant. Located next to road that wraps around west side of pond. Hydrant approximately 100 feet from pond.

Pond Layout

DIMENSIONS:

BASE WIDTH) 50'

TOP WIDTH) 39'

LENGTH) 132'

DEFINATE
TRIANGULAR
CROSS-
SECTION

DIAGONAL LINED
AREA IS DEEPER
HOLE 2' - 4' DEEP
FOR FIRE PURPOSES

SPILLWAY

INLET

ROUGHLY
3-4' DEEP

8" PIPE
INTAKE
FOR FIRE
HYDRANT

HEADGATE
STRUCTURE (FOR
OVER FLOW)

8 1/2" OVERFLOW
CURB

SEE NEXT PAGE FOR
LARGER SCALE

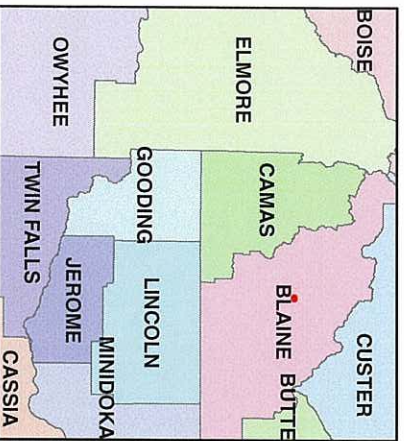


Water Right
37-8873
(WILDLIFE STORAGE)

Idaho Department of Water Resources

Legend

- pond
- diversion
- PLS Sections
- Quarter Quarters



Blaine County
IDWR Basin 37

Prepared by Nick Van Dyke
On January 13, 2009
2004 Aerial Photography

