

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 36-8696

Exam Date: 9/14/2012

1. Current Owner: STATE OF IDAHO
DEPT OF FISH & GAME
PO BOX 25
BOISE ID 83707
(208)287-2714
2. Accompanied by: Corey Skinner (IDWR Staff)

3. SOURCE TRIBUTARY
UNNAMED STREAM SNAKE RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: TFCC and NSCC irrigation rights overlap the area.
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 L6 NE1/4NE1/4 Sec. 22, Twp 09S, Rge 16E, B.M.
JEROME County

Method of Determination: GPS point collected at time of exam and 1992 Aerial Photography.

2.

PLACE OF USE: RECREATION STORAGE

Tw	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
09S	16E	22	X																
			L 6																

PLACE OF USE: WILDLIFE STORAGE

Tw	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
09S	16E	22	X																
			L 6																

Method of Determination: The application listed the place of use legal description as NENE Lot 6 but was permitted as NWNE Lot 6, the Lot 6 is the determining factor according to IDWR standards. Aerial Imagery and taxlot information indicates the place of use for the license should be described as 09S 16E 22 NENE Lot 6.

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</u> <u>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</u> <u>Size</u>
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N/A

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
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2. Measurements: N/A

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method: The source is in reality an unnamed stream from the springs that feeds the pond.
Recommended no flow for on stream storage.

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:

Digitized shape for pond area from 1992 aerial imagery = 0.83 acres

Measured depths of pond 2 ft. to 5 ft.

Average depth of pond = 3.5 ft.

3.5 ft. X 0.83 acre = 2.9 AF

Calculation exceeds limits (2.5 AF) of the permit. **Recommended volume for recreation and wildlife storage is 2.5. AF**

G. NARRATIVE/REMARKS/COMMENTS

Application for permit 36-8696 was filed on December 9, 1992 for the diversion of 1.0 cfs and 2.5 AF for wildlife and recreational uses associated with an existing pond. Permit 36-8696 was issued on March 16, 1994 and Proof of Beneficial Use was filed on March 25, 1994.

Permit 36-8696 is for the diversion of 1.0 cfs from Ellison's Spring for recreational uses associated with a pond. During the licensing exam it was discovered that there are in fact several springs that feed into an unnamed stream that divert water to the pond. After discussion with the State Office it was decided that the pond is in reality an on-stream pond and no diversion rate is needed. **Recommend dropping the recreation flow rate of 1.0 cfs and changing the source to unnamed stream tributary to the Snake River.**

Recreational use is for the fishing pond and wildlife use is habitat for water fowl. The volume for recreation and wildlife was calculated from the 1992 aerial imagery of the pond and the average depth of the pond at the time of the field exam. (See above) Calculations exceed limits of permit. **Recommended volume for recreation and wildlife storage is the permitted 2.5 AF.**

Note, it was also discovered that the legal description for the place of use and point of diversion were permitted in Government Lot 6 but described in the wrong QQ tract. After discussion with the State Office it was determined that Lot 6 is the legal description and an amendment to change the QQ tract descriptions is not necessary.

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

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>ANNUAL VOLUME</u>
RECREATION STORAGE	01/01 to 12/31	2.50 AF
WILDLIFE STORAGE	01/01 to 12/31	2.50 AF
<u>Totals:</u>		2.50 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 Sara Reeder Date 10/19/12

Reviewer [Signature] Date 10/19/12

15



← POD

NENE

22

1992
Imagery



Springs

15

Unnamed Stream

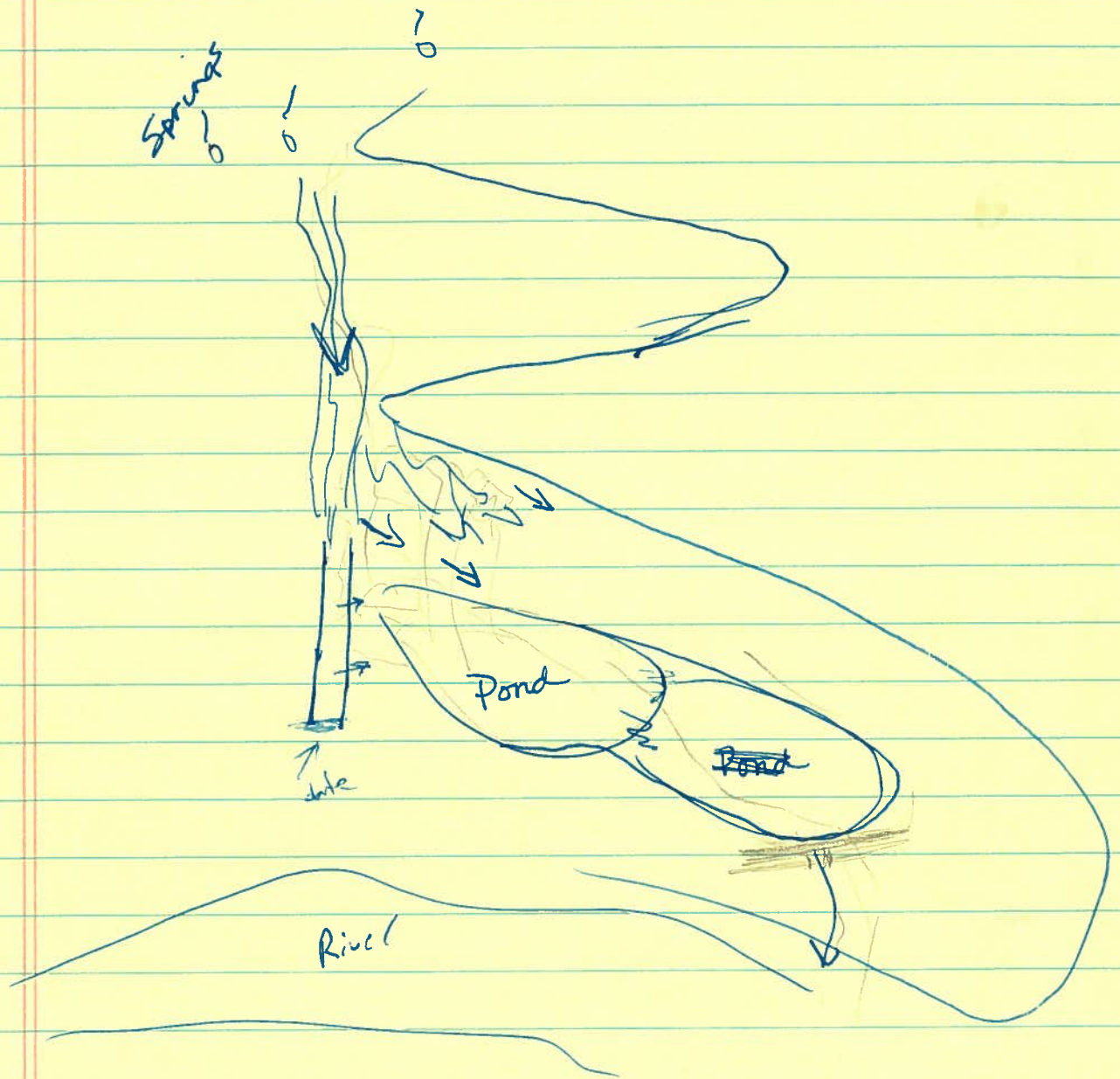
outlet to Snake River

Check Dam

NENE

22

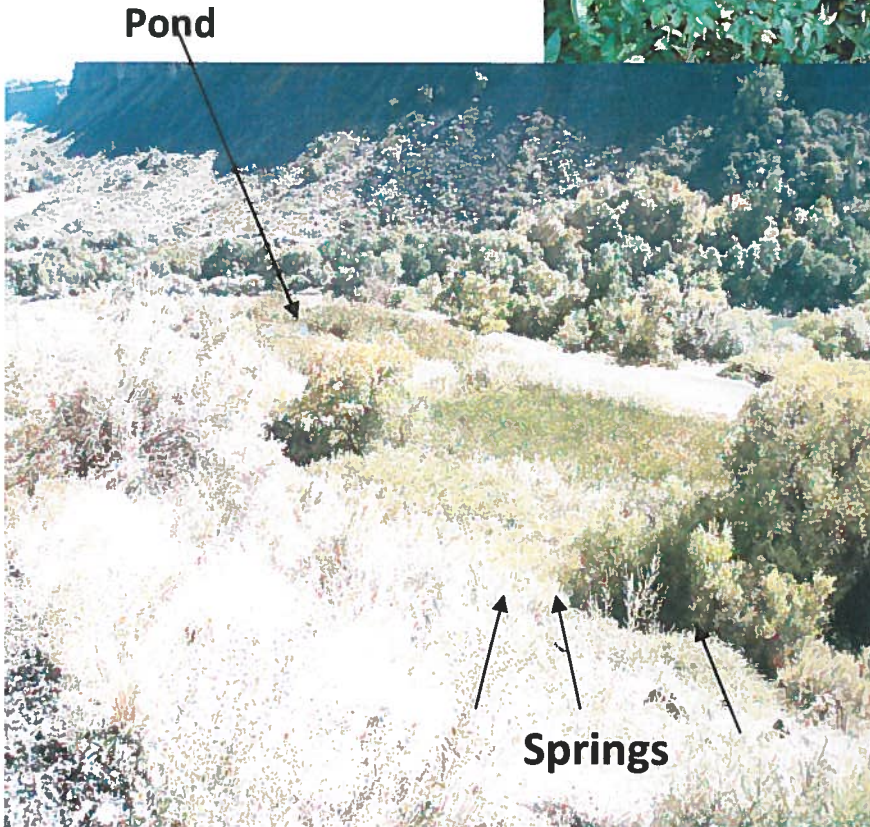
Pond 5' ? in mud couple ft.
2' on top mud



36-8696



Unnamed stream from springs
leading to pond below



Pond

