

Permit No: 22-7768

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

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AUG 12 2004
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DEPARTMENT OF
WATER RESOURCES

A. GENERAL INFORMATION

Permit No: 22-7768

Exam Date: 8/9/2004

1. Current Owner: RICKS COLLEGE
C/O JERALD JEX
MC 150
REXBURG ID 83460
(208)356-2225

2. Accompanied by: Bradley/Town
Phone No:
Address:
Relationship to Permit Holder:

3. SOURCE
BADGER CREEK

TRIBUTARY
TETON RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 22-7477 Gw for pond
2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

BADGER CREEK
TETON County

NE1/4NW1/4

Sec. 10, Twp 06N, Rge 45E, B.M.

Method of Determination: FE/GPS

2.

PLACE OF USE: RECREATION STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
06N	45E	3												X					

DIVERSION TO STORAGE same as RECREATION
STORAGE

new owners BYU Idaho
170W 1066N
Tetonia, Id 83452
456-2531

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</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>
	Bulldor	7.5	Aurora		

*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>

2. Measurements:

$$CFS = \frac{(7.5)(6.16)}{100' + (2.31)(0)} = .46 \text{ cfs}$$

— pond 100' above creek

— open discharge in pond

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

pond is 5 AF

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:

pond is 5 AF

G. NARRATIVE/REMARKS/COMMENTS

pump in a culvert beside Badger creek to pond. 7.5 HP Baldor motor/aurora pump.

GW right 22-7477 also for this pond. lockable power panel.

Ricks is now BYU idaho. new address listed as present owner

Pond capacity is 5 AF.

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>
RECREATION STORAGE	01/01 to 12/31		5.00 AF
DIVERSION TO STORAGE	10/16 to 04/14	0.390 CFS	
<u>Totals:</u>		0.390 CFS	5.00 AF

2. Recommended Amendments

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

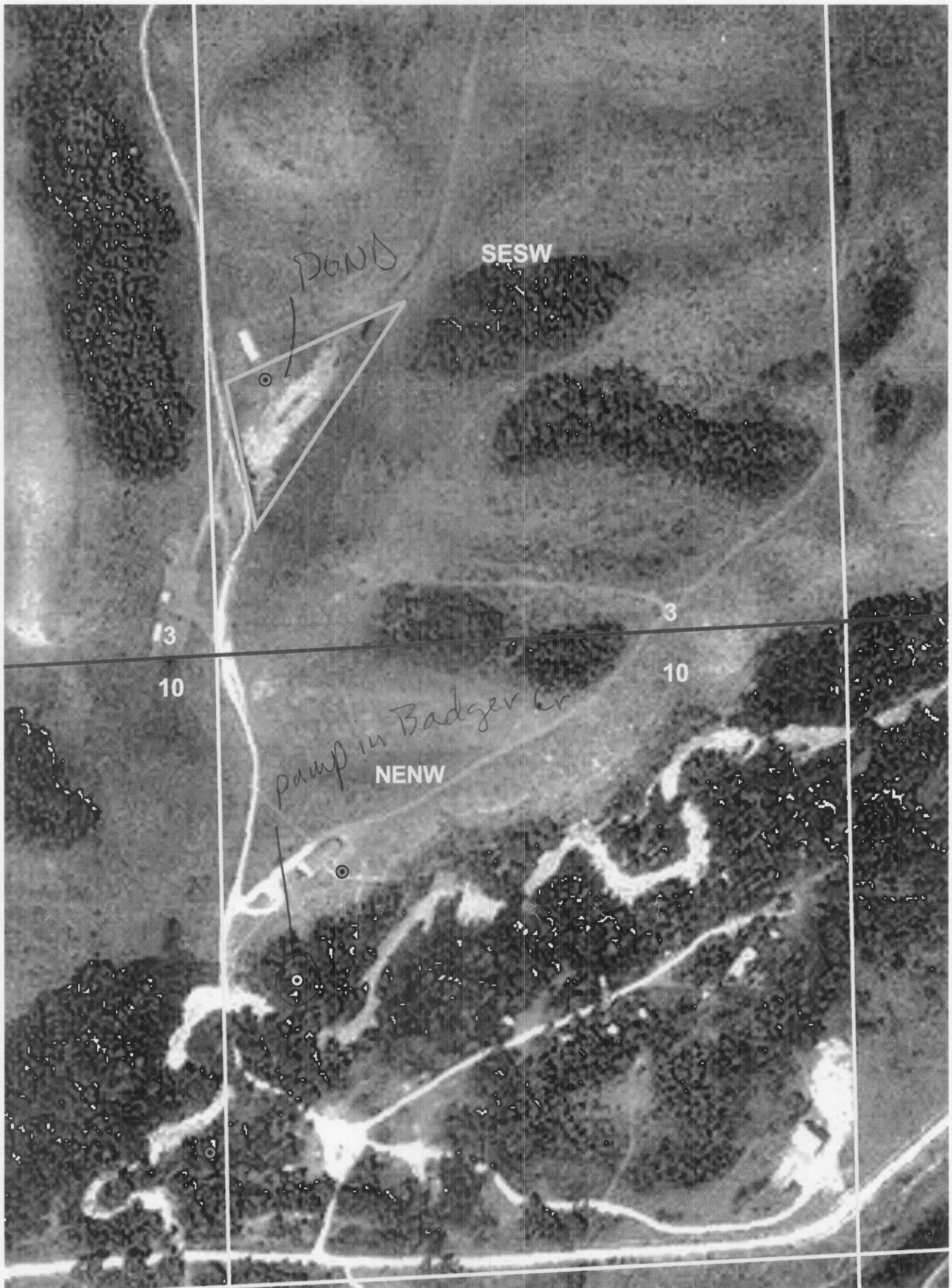
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name DAVE CARLSON Date 8/10/2009

Reviewer _____ Date _____

22-7768





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DC 8/2004

Pond



DC 8/2004

22-7768

Badger Creek pump (poe)