

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 75-7361

Exam Date: 3/21/1996

1. Current Owner: BRUCE WALLIN FAMILY TRUST
PO BOX 70
NORTH FORK ID 83466
(208)865-2445

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCE

SPRINGS

TRIBUTARY

FOURTH OF JULY CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: Yes
2. Other water rights with the same point of diversion: No

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

SPRINGS

NW1/4SW1/4SE1/4

Sec. 30, Twp 24N, Rge 22E, B.M.

LEMHI County

Method of Determination: 2004 NAIP imagery, and 1992 aerial photography were utilized in ArcView in combination with Photographs taken during the field examination

2.

PLACE OF USE: RECREATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
24N 22E 30														X	X		

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	
24N 22E 30														X	X		

PLACE OF USE: DIVERSION TO 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	
24N 22E 30														X	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>
700533					

*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>
Pygmy Meter						

2. Measurements:

North channel 60 clicks in 53 seconds

South channel 80 clicks in 48 seconds

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method:

North channel mean surface velocity is 1.16 ft/sec with a cross sectional area of 0.096 ft²; 0.096 ft² * 1.16 ft/sec = 0.11 cfsSouth channel mean surface velocity is 1.66 ft/sec with a cross sectional area of 0.104 ft²; 1.66 ft/sec * 0.104 ft² = 0.17 cfs

Total combined cfs is 0.28 cfs

Limited to 0.10 cfs by permit

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:

Upper pond has a surface area of 0.47 acres and an average depth of 15 ft; 0.47 acres * 15 ft = 7.05 af

Lower pond has a surface area of 0.04 acres and an average depth of 10 ft; 0.04 acres * 10 ft = 0.40 af

The total is 7.45 afa

G. NARRATIVE/REMARKS/COMMENTS

Field exam was originally done on March 21, 1996. During this exam photographs were taken. These were used with 2004 NAIP imagery and 1992 aerial photography to determine the location of the ponds associated with this water right. ArcView was used to determine the surface area of both ponds.

From Memo dated 4-27-05

According to Edgar Price the upper pond depth is 10 feet and the lower pond depth is 15 feet deep, I would assume that lower pond is 10 feet deep and upper pond is 15 feet deep. Signed by kwilson

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	01/01 to 12/31		7.50 AF
RECREATION STORAGE	01/01 to 12/31		7.50 AF
DIVERSION TO STORAGE	01/01 to 12/31	0.100 CFS	7.50 AF
<u>Totals:</u>		0.100 CFS	7.50 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 Don Simpkins Date March 21, 1996

Reviewer Nate Arave Date March 9, 2007

Comment Report

75-7361

1. narave 3/9/2007 POD

Comment: Updated shape

2. narave 3/9/2007 Field Report Narrative

Comment: Field exam was originally done on March 21, 1996. During this exam photographs were taken. These were used with 2004 NAIP imagery and 1992 aerial photography to determine the location of the ponds associated with this water right. ArcView was used to determine the surface area of both ponds.

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3. narave 3/9/2007 POU

Comment: Updated Shape

4. narave 3/9/2007 POU

Comment: Updated PLS

5. narave 3/9/2007 POU

Comment: Updated PLS

6. narave 3/9/2007 POU

Comment: Updated Shape

7. narave 3/9/2007 POU

Comment: Updated PLS

8. narave 3/9/2007 POU

Comment: Updated Shape

9. narave 3/9/2007 POU

Comment: Updated PLS

10. narave 3/9/2007 POU

Comment: Updated PLS

11. narave 3/9/2007 POU

Comment: Updated Shape

12. narave 3/9/2007 POU

Comment: Updated PLS

Comment: Updated PLS

13. narave 3/9/2007 POU overlap

Comment: 75 136

75 138

75 139

75 140

75 141

75 144

75 145

75 147

75 4236

75 10551

75 10038

75 10573

75 10574

75 11616

75 135

75 136C

75 136D

75 140

75 141

75 142C

75 142D

75 143A

75 143B

75 144B

75 144C

75 144D

75 147A

75 147B

75 14145

75 14209

75 14210

75 14146

75 7361

75 14422

75 14423

75 14424

75 14425

75 14426

75 7597

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

75-7361

Water Right No.
(if applicable)

Open Channel Discharge Measurement Notes

A. GENERAL INFORMATION

1. Name of stream or ditch: Robert E Vehn Pond .92
2. Location: SWSE Sec 30, T24N, R22E
3. Person conducting measurement: DON SIMPKINS .94
4. Date and time of measurement: 3-19-1996
5. Accompanied by: _____ .96
6. Measuring device size and ID no.' _____
7. Spin test before measurement OK? _____ after measurement OK? _____ .97
8. Purpose of measurement: LICENSING EXAM 75-7361 .98

B. MEASUREMENT DATA

[illegible]

75-7361

Pygmy Miter

⑦

60 dls
52 m

80 dls
48 m

⑦

Dec 24

2. 2.

10/25

[illegible]

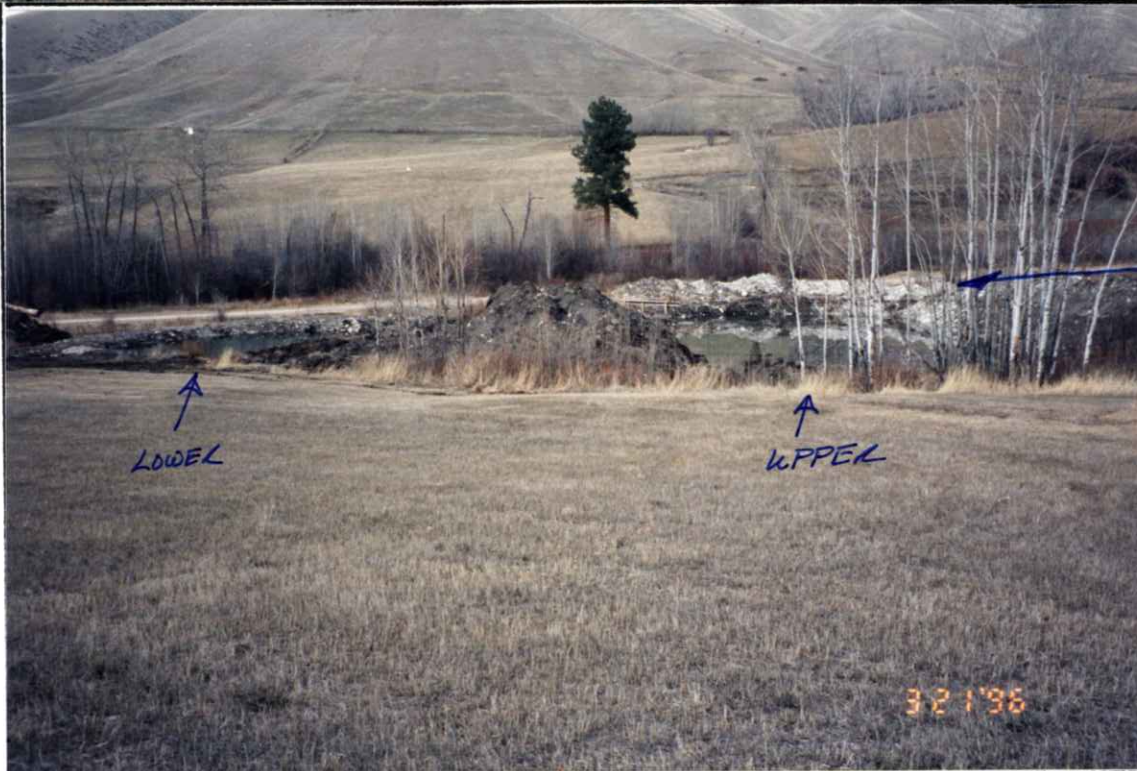
EDGAR PRICE

AESTHETICS / STORAGE

1/2



DISTANCE
VIEW UP
FORTH OF
JULY CREEK
POINT OF
DIVERSION +
PLACE OF USE.



VIEW OF
UPPER +
LOWER PONDS

SPRING
SOURCE

LOWER

UPPER

PERMIT
NUMBER

75-07361

EDGAR PRICE

AESTHETICS / STORAGE

2 of 2



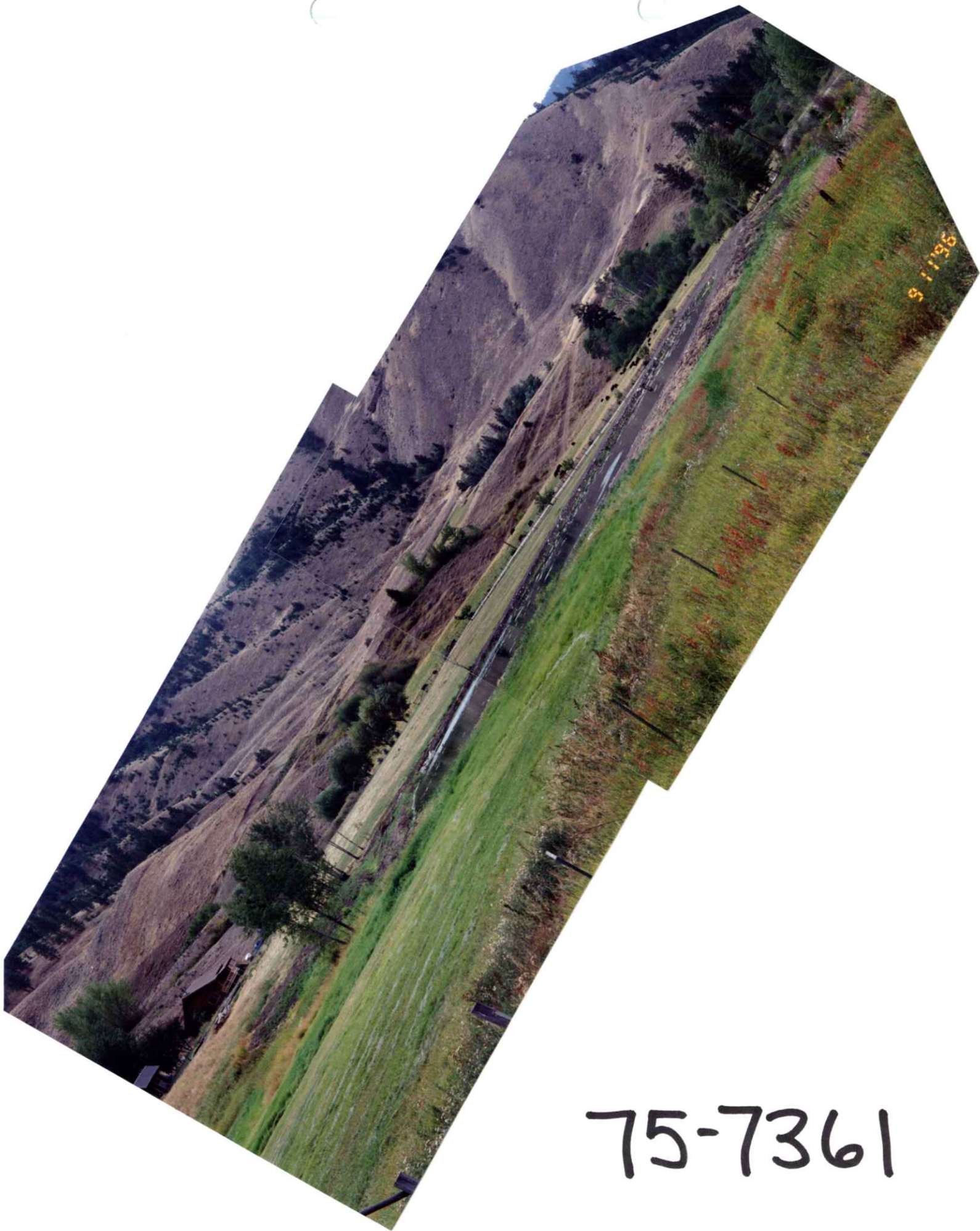
VIEW OF
LOWER POND
DISCHARGE IS
ON SOUTH
SIDE OF ROAD.
WATER FOLLOWS
ROAD THEN
CROSSES UNDER
ROADWAY AND
DUMPS INTO
FORTH OF JULY
CREEK



VIEW OF
UPPER
POND

PERMIT
NUMBER

75-07361



75-7361