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Permit No: 1-7087

Department of Water Resources Page 1

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 1-7087

Exam Date: 6/4/2003

1. Current Owner: COVINGTON BROS LTD
C/O BRENT COVINGTON
1890 NIAGRA ST
IDAHO FALLS ID 83404
(208)522-0406

2. Accompanied by: TALK TO BRENT COVINGTON in THE
Phone No: OFFICE JUNE 2003
Address:
Relationship to Permit Holder:

3. SOURCE

SOUTH FORK SNAKE RIVER

TRIBUTARY

SNAKE RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 25-100695-71061 A01-7006
A01-10011

2. Other water rights with the same point of diversion: 25-10069 Red. A01-7006
25-7106 pod A01-10011

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

SOUTH FORK SNAKE RIVER

L9 NW1/4NE1/4

Sec. 26, Twp 04N, Rge 40E, B.M.

JEFFERSON County

Method of Determination: GPS

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04N	40E	1			5.5				1.0			.5	29.0						36.0
04N	40E	12					40.0	40.0			37.0								117.0
04N	40E	13		37.0	40.0														77.0

Total Acres: 230

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25-7106 - Gw right for 960Ac
25-10069 - enlargement for additional acres

01-7006 - South Fork State - 960Ac
01-10011 - enlargement for additional acres

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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>
	GE	500 hp			
	GE	450 hp			

*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:

3900 gpm = 8.69 cfs = highest reading
flow meter on pipeline

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

flow meter

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F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3.5 \times 230 = 805$$

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

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 805 \text{ AF/A}$$

2. Volume Calculations for Other Uses:

MAX @ = 8.69 cfs
with 01-7006

G. NARRATIVE/REMARKS/COMMENTS

two pumps in the sunnydell canal to pipeline to pond and relift pump to pivots and sprinklers.
two pumps GE 450 hp/peerless pump, GE 500 HP motor.
3900 gpm highest measurement.
pod is in the sunnydell canal and not the sunnydell headgate.
WD 01 measurement device is below the pumps so these pumps are treated like a POD.

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>
IRRIGATION	04/01 to 10/31	4.600 CFS	805.00 AF
<u>Totals:</u>		4.600 CFS	805.00 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 6/30/2003
Reviewer _____ Date _____

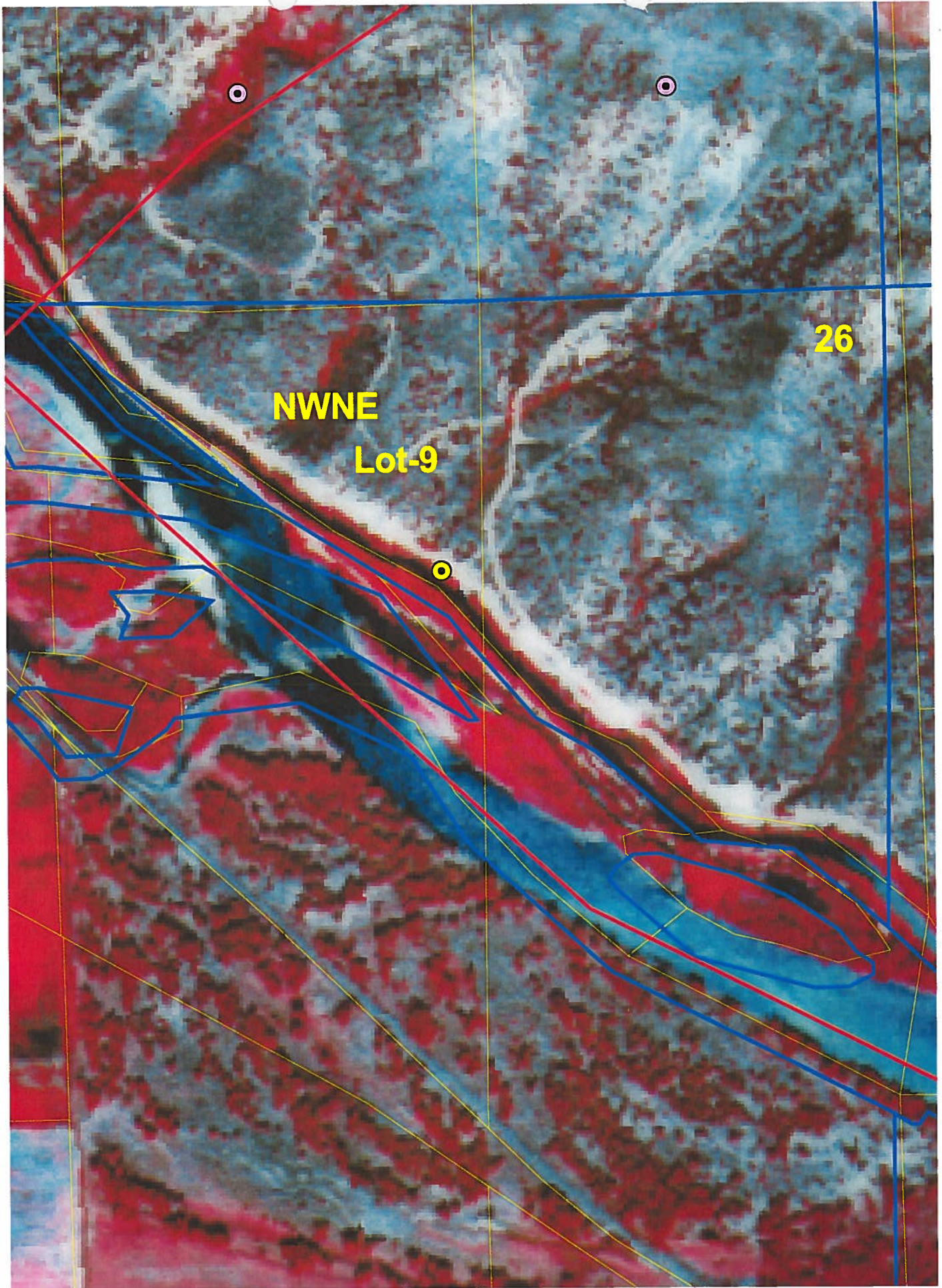
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