

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9074

Exam Date: 5/1/2007

1. Current Owner: DAVID M NELSON
6369 W STANDING ELK TRL
COEUR D ALENE ID 83814-7960
(208)755-7775

And

SANDRA K NELSON
6369 W STANDING ELK TRL
COEUR D ALENE ID 83814-7960
(208)755-7775

2. Accompanied by: DAVID M NELSON
Phone No: SAME AS ABOVE
Address: SAME AS ABOVE
Relationship to Permit Holder: SELF

3. SOURCE
SPRINGS

TRIBUTARY
UNNAMED STREAM

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE
2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

SPRINGS SW1/4SW1/4SW1/4 Sec. 20, Twp 50N, Rge 04W, B.M.
KOOTENAI 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	
50N	04W	20											5.0						5.0

Total Acres: 5

FIRE PROTECTION same as IRRIGATION

SCANNED

MAY 22 2007

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>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

*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>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

2. Measurements:

5 gallon bucket
 5 gal in 30 sec
 10 gal per min

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

10 gpm = 0.02 cfs

SCANNED
MAY 23 2007

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

$$5 \times 3 = 15 \text{ AF days} \quad \text{AF/DAY}$$

$$.02 \times 246 \times 1.9835 = 9.75882 \text{ AF}$$

$$9.75882$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM FOUND NO STORAGE. RECOMMEND REMOVING ALL STORAGE FROM PERMIT.

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>
FIRE PROTECTION	01/01 to 12/31	0.020 CFS	
IRRIGATION	03/15 to 11/15	0.020 CFS	
<u>Totals:</u>		0.020 CFS	9.80 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

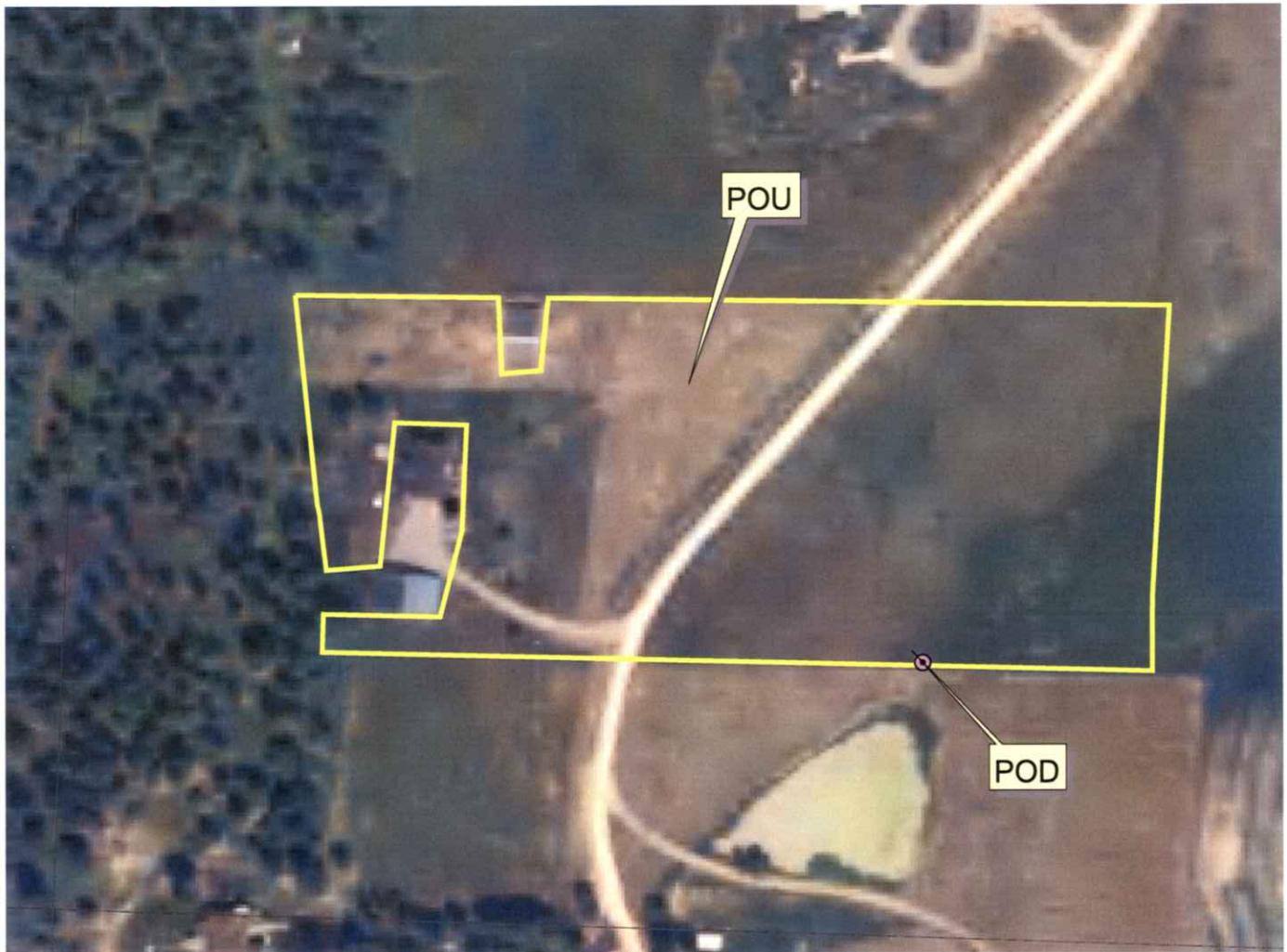
I. AUTHENTICATION

Field Examiner's Name Chad H Goodwin Date 5-8-2007

Reviewer [Signature] Date 5/22/1

95-9074

SCANNED
MAY 23 2007



0.06 0 0.06 0.12 Miles

-  GCDB50N04W GCDB
-  Right POD
-  Administrative BasinsAdminbas.shp
-  Pou.shp
-  Pod.shp





9 FOOT DEPTH TANK AT
SPRING



550 GAL TANK



FIRE PROTECTION



IRRIGATION AREA
AROUND SPRING



IRRIGATION HOSE



IRRIGATION OF TREES



IRRIGATION OF TREES 2



IRRIGATION PUMP



LAWN IRRIGATION



LAWN IRRIGATION 2



LAWN IRRIGATION 3



PUMP AT SPRING



SPRING



SPRING COLLECTION



SPRING COLLECTION AND
ONE HOSE FOR IRRIGA...

SCANNED

MAY 23 2007







