

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 98-7086E

Exam Date: 8/15/2012

1. Current Owner: LONNIE E MERRIFIELD
312 CLIFTY VIEW RD
BONNERS FERRY ID 83805
(208)267-5028

And/Or

DONNA M MERRIFIELD
312 CLIFTY VIEW RD
BONNERS FERRY ID 83805
(208)267-7129

2. Accompanied by: LONNIE E MERRIFIELD

Phone No: SAME

Address: SAME

Relationship to Permit Holder: OWNER

3. **SOURCE**

UNNAMED STREAM

TRIBUTARY

CABIN CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 98-7086B, 98-7086F
2. Other water rights with the same point of diversion: 98-7086B, 98-7086F

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

UNNAMED STREAM SE1/4SW1/4 Sec. 8, Twp 61N, Rge 02E, B.M. BOUNDARY County

Method of Determination: GPS AND MAP

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	
61N	02E	7									15.0				21.0	20.0	10.0		66.0

Total Acres: 66

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>
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A0016970

*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>
FUGI						3-2013

2. Measurements: 3.04 CFS

E. FLOW CALCULATIONS

Measured Method:

____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 198 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 473.3 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 198 \text{ AF}$$

2. Volume Calculations for Other Uses: NONE

G. NARRATIVE/REMARKS/COMMENTS

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	03/15 to 11/15	0.970 CFS	198.00 AF
<u>Totals:</u>		0.970 CFS	198.00 AF

2. Recommended Amendments

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

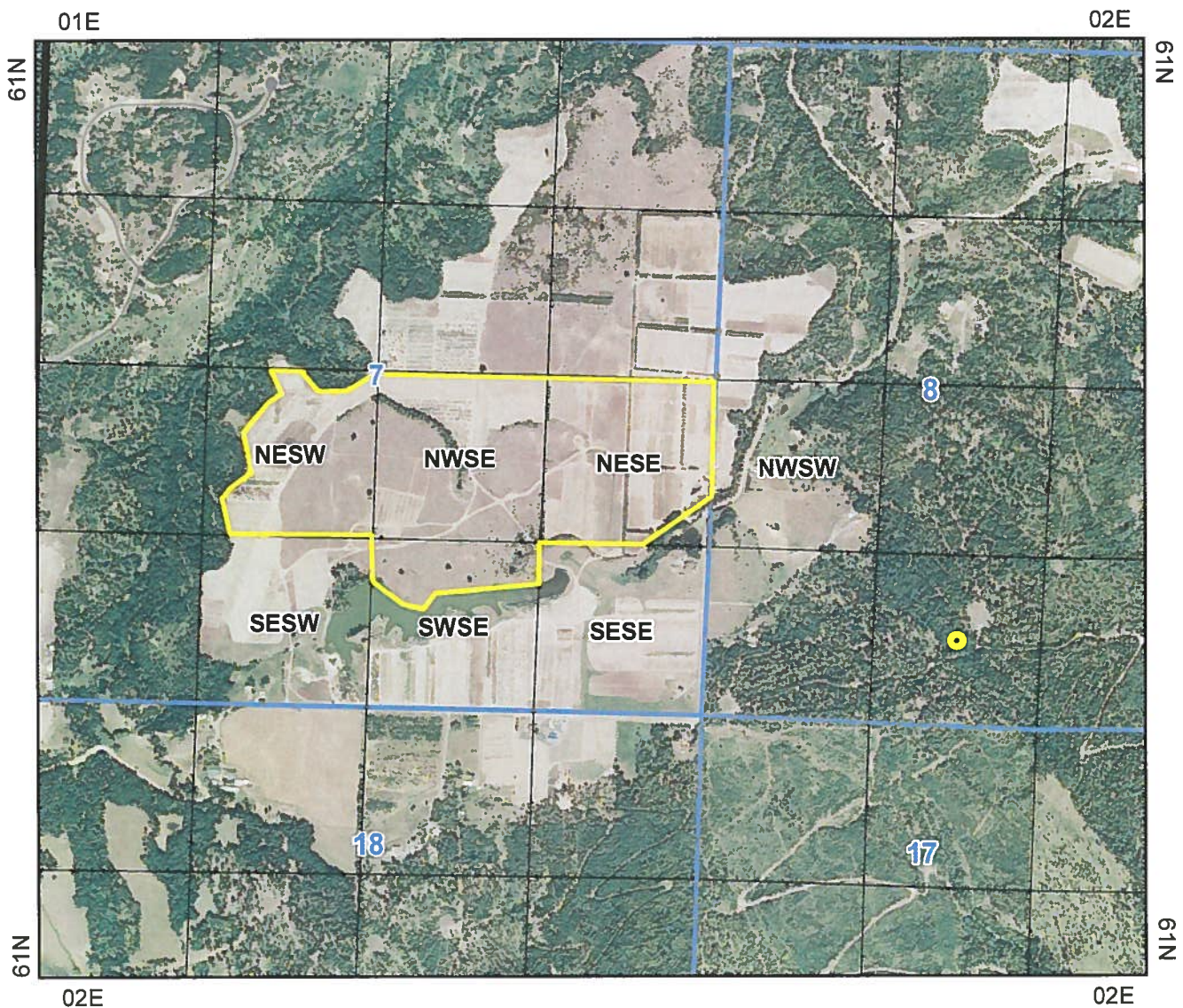
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name *E. J. [Signature]* Date 8-27-2013

Reviewer *A. Taylor* Date 9/18/13

State of Idaho
Department of Water Resources
Water Right License
98-7086e

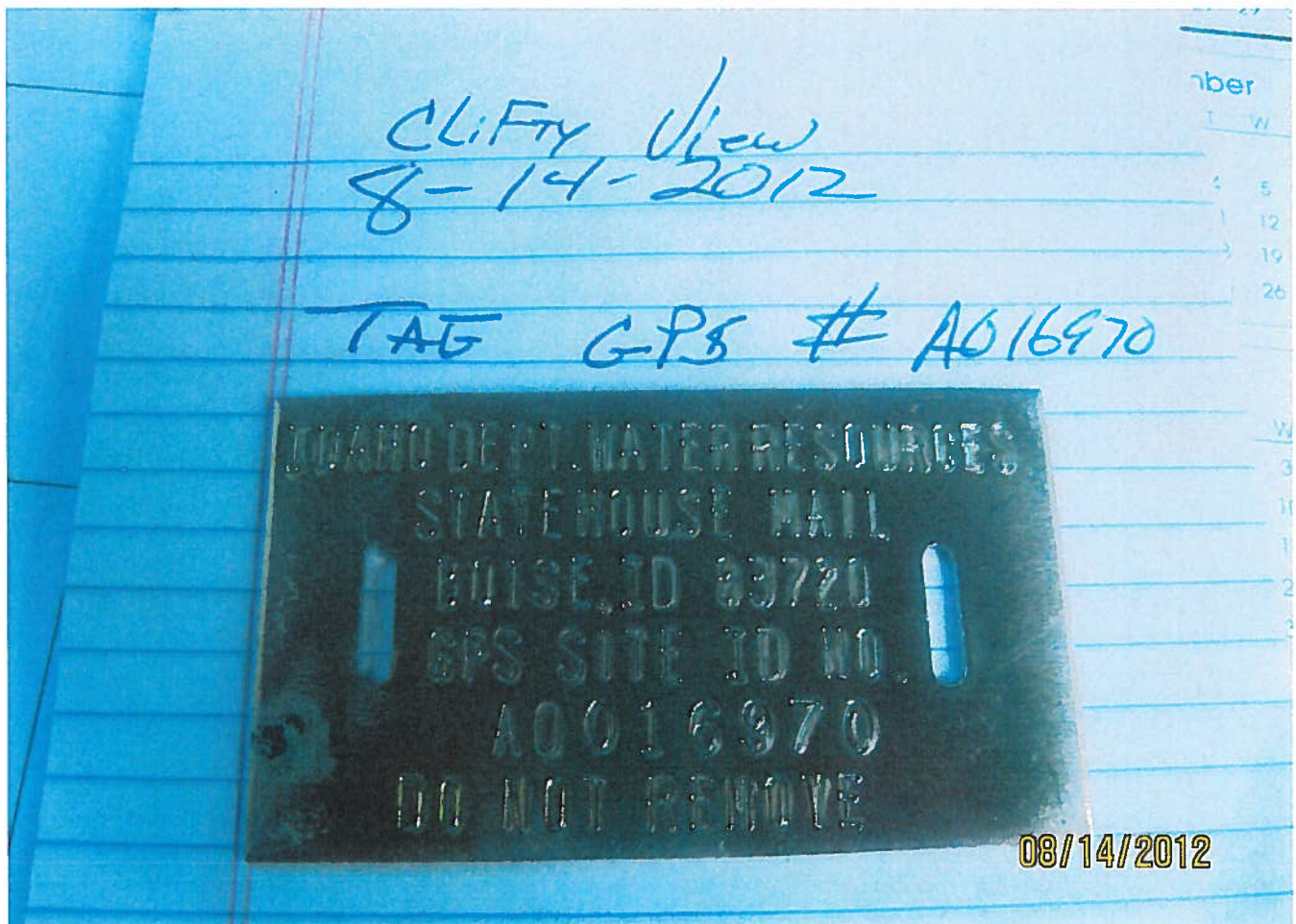


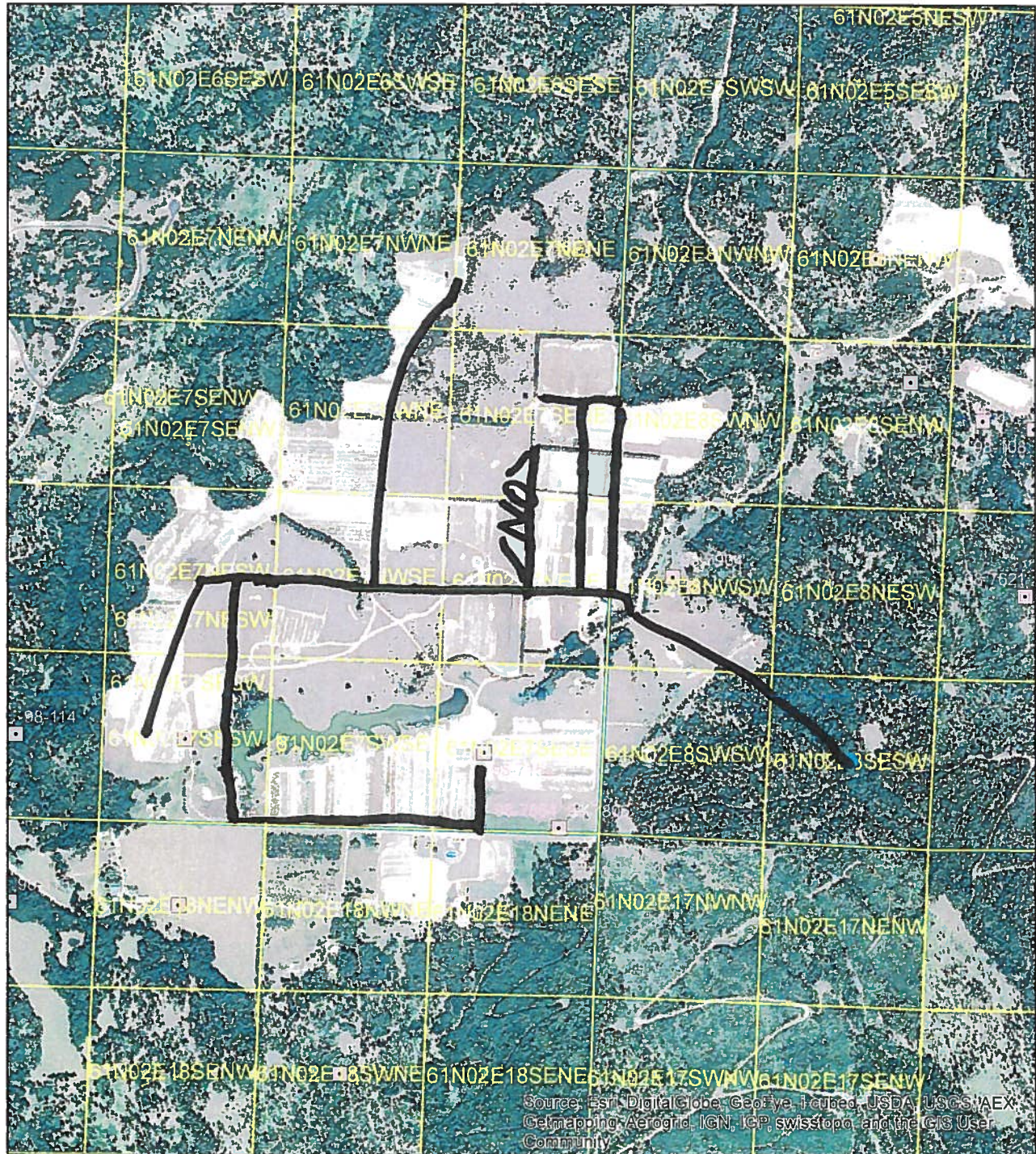
-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.15 0.3 0.6 Miles









Irrigation Main line —————

1 inch = 1,211 feet



Legend