

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 98-7312

Exam Date: 8/14/2012

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

2. Accompanied by: Owner

Phone No:

Address:

Relationship to Permit Holder:

3. **SOURCE**

CABIN CREEK

TRIBUTARY

COW CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 98-7365, 98-7630, 98-105, 98-106, 98-107, 98-7738, 98-7842, 98-7312, 98-7365
2. Other water rights with the same point of diversion: 98-7621, 98-7312, 98-7365

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

CABIN CREEK NW1/4SE1/4 Sec. 8, Twp 61N, Rge 02E, B.M. BOUNDARY County

Method of Determination: GPS, MAPS AND AERIAL PHOTO

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
61N	02E	8	11.0	22.5															33.5

Total Acres: 33.5

PLACE OF USE: IRRIGATION FROM STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				Totals
61N	02E	8	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	33.5
			11.0	22.5															

Total Acres: 33.5

PLACE OF USE: IRRIGATION STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				Totals
61N	02E	8	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
																X			

PLACE OF USE: DIVERSION TO STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				Totals
61N	02E	8	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
																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</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>
A0016973					

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:

E. FLOW CALCULATIONS

Measured Method: 1.4 CFS

____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 100.5 \text{ AF}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 248.7 \text{ AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 100.5 \text{ AF}$$

2. Volume Calculations for Other Uses: IRRIGATION STORAGE 3.0 AF

G. NARRATIVE/REMARKS/COMMENTS: The name of the source of water on the permit and application was incorrect. The name of the source is Cabin creek that was determined by the GPS point on the USGS map.

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 10/15	0.600 CFS	100.50 AF
IRRIGATION FROM STORAGE	04/01 to 10/15		3.00 AF
IRRIGATION STORAGE	03/15 to 05/15		3.00 AF
DIVERSION TO STORAGE	03/15 to 05/15	0.200 CFS	
<u>Totals:</u>		0.600 CFS	103.50 AF

2. Recommended Amendments

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

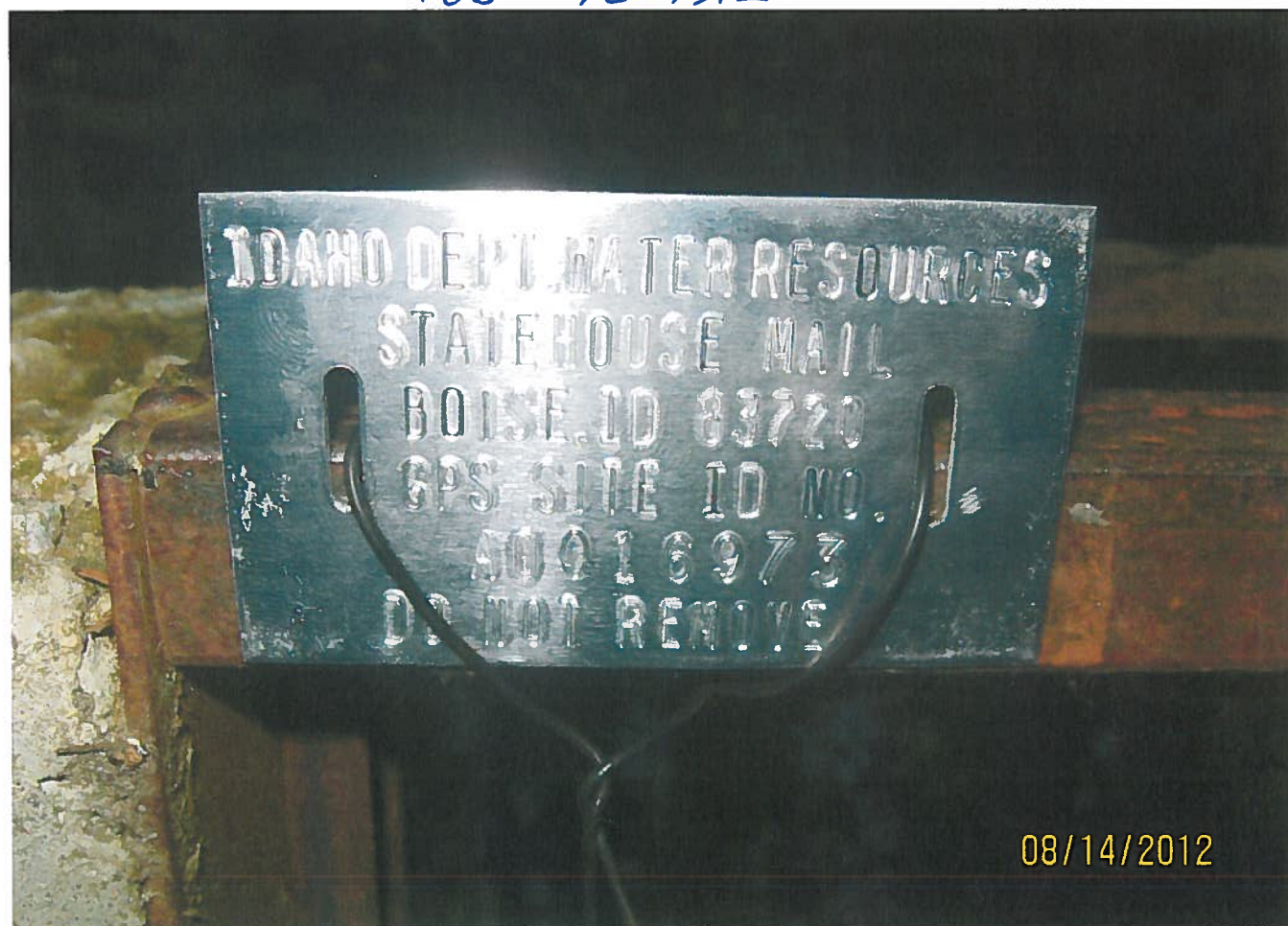
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name *E. J. [Signature]* Date 8-28-2013
 Reviewer *[Signature]* Date 12-13-13



POD 98-7312





USE 98-7312



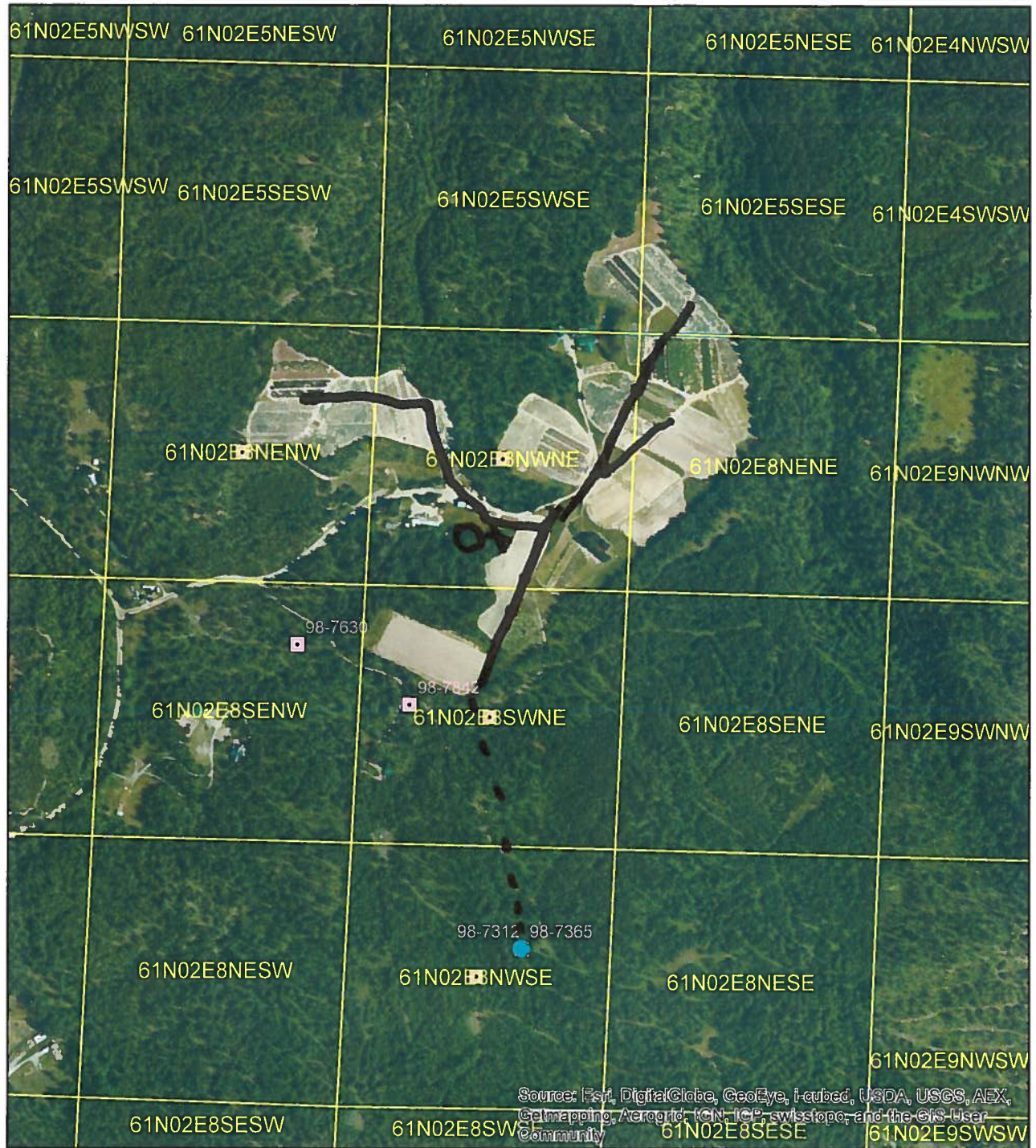
POD

98-7312

Process	Basin Sequence	Draft	Owner	Source	POD/POU	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
Water Right	98-107	N	MERRIFI ELD, DORICE L, MERRIFI ELD, EARL M	UNNAME D STREAM	POU		10.0															10
Water Right	98-7082	N	GRAHAM AUREL, GRAHAM JOHN	SPRING	POU							3.0										3
Water Right	98-7086F	Y	CLIFTY VIEW NURSER Y INC	UNNAME D STREAM	POU						12.0											12
Water Right	98-7196A	Y	CLIFTY VIEW NURSER Y INC	UNNAME D STREAM	POU						12.0				2.0							14
Water Right	98-7312	Y	MERRIFI ELD, CAROL L, MERRIFI ELD, LONNIE	CABIN CREEK	POU	11.0	22.5															33.5
IRR UESD						11	22.5															33.5

No Overlapping WATER RIGHTS

98-7312



Above Ground Main Line ---
Buried " ———
To storage = X
1 inch = 775 feet

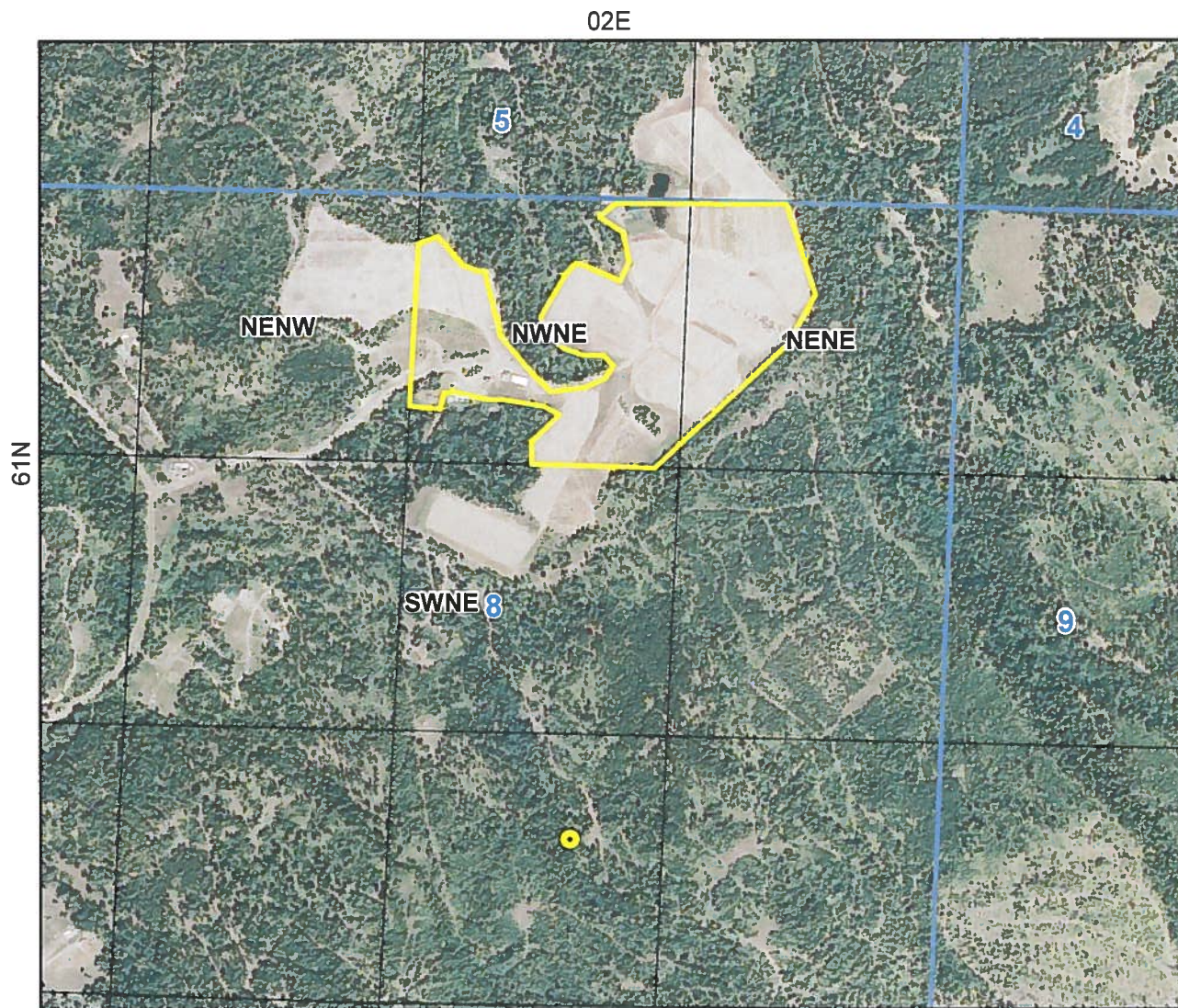
Legend



98-7312



State of Idaho
Department of Water Resources
Water Right License
98-7312



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

0 0.1 0.2 0.4 Miles

