

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 98-7173

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:

Address:

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: 98-7086F, 98-2086B, 98-7173

2. Other water rights with the same point of diversion: 98-2086B, 98-2086A, 98-7086E, 98-7086F, 98-7173, 98-7196A, 98-7155 and 98-7196B, 98-4022, 98-7051, 98-7637, 98-7173

C. DIVERSION AND DELIVERY SYSTEM

1. 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
			<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	7			5.0	27.0													32.0

Total Acres: 32

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>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u>
<u>ID No.*</u>					<u>Size</u>

A0016970

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
<u>Equipment</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:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 96 \text{ AF}$$

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

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 96.0 \text{ AF}$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS: See overlapping chart for determining the overlapping irrigation acres.

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	0.900 CFS	96.00 AF
<u>Totals:</u>		0.900 CFS	96.00 AF

2. Recommended Amendments

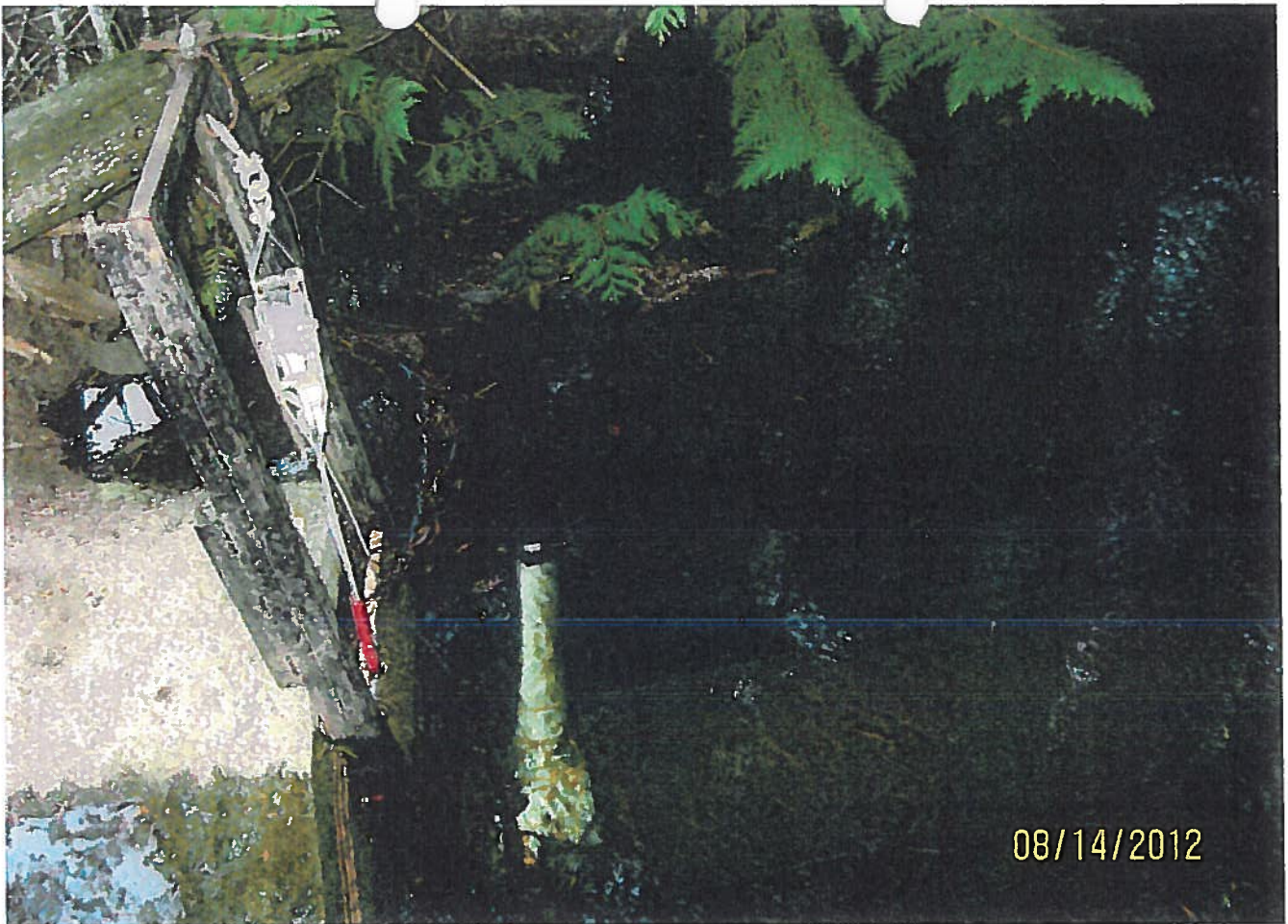
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

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

I. AUTHENTICATION

Field Examiner's Name *David J. [Signature]* Date 9-5-2013

Reviewer *LT. Taylor* Date 9-18-13



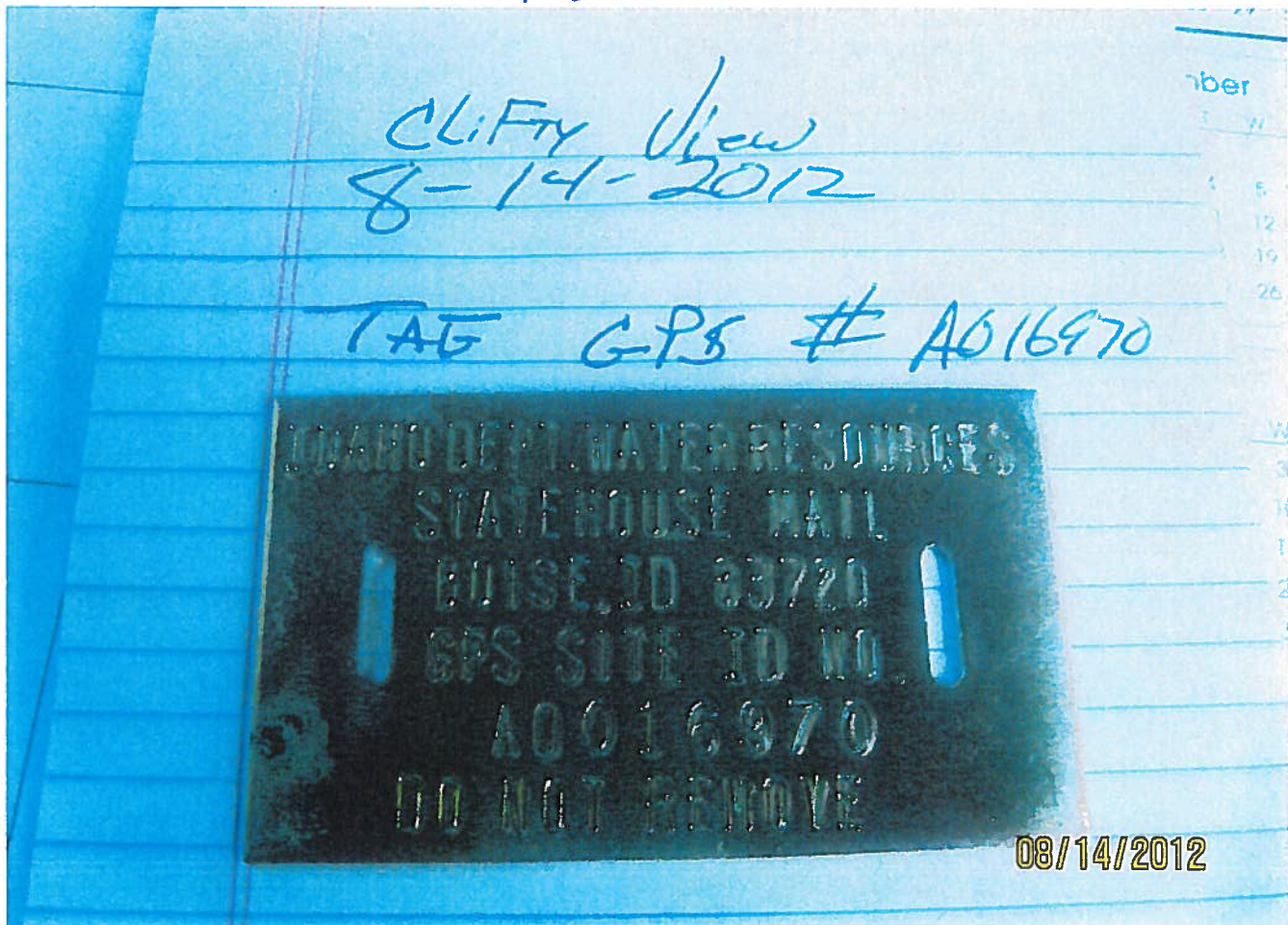
98-7173 POD



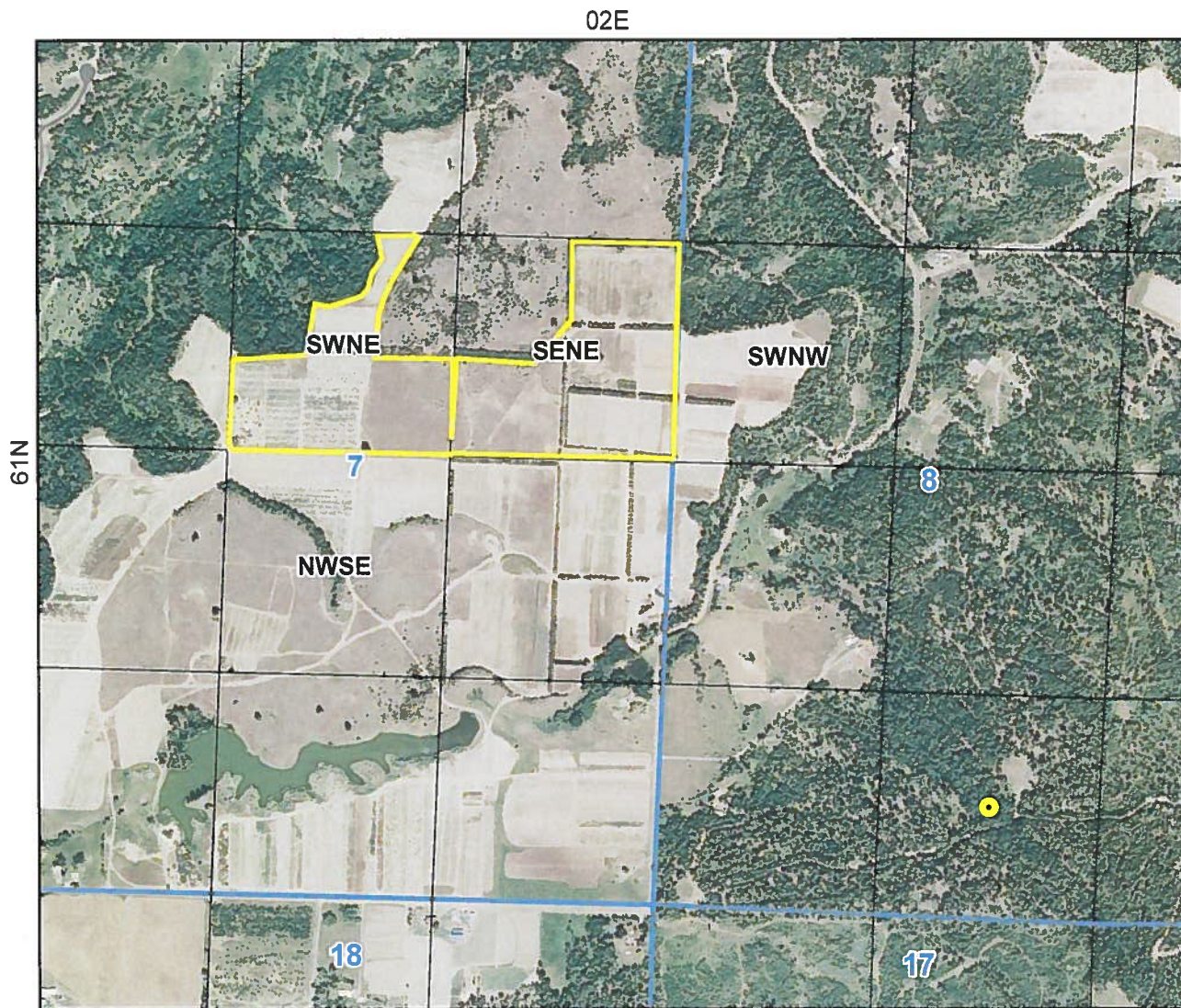
IRRIGATION



POD



State of Idaho
Department of Water Resources
Water Right License
98-7173



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

0 0.125 0.25 0.5 Miles



Source: Esri, DigitalGlobe, GeoEye, AeroGRID, USDA, USGS, AeroMapper, Aerotrip, IGN, AirPhoto, SwissTopo, and the GIS User Community

Legend

Process	Basin Sequence	Draft	Owner	Source	POD/POU	NENE	NWNE	SWNE	SENE	NEWW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
Water Right	98-104	N	SWANSO N. EDITH; SWANSO N. LYLE	SPRING	POU												X					0
Water Right	98-114	N	AMOTH; DONALD; AMOTH; CREEK MYRNA	COW CREEK	POU											X						0
Water Right	98-2086B	N	ERICKSO N. GLEN J.	UNNAME D STREAM	POU				10.0									10.0				20
Water Right	98-7086E	Y	MERRIFI ELD. DONNA M. MERRIFI ELD. LONNIE	UNNAME D STREAM	POU									15.0				21.0	20.0	10.0		66
Water Right	98-7086F	Y	CLIFTY VIEW NURSER Y INC.	UNNAME D STREAM	POU				10.0									18.0				28
Water Right	98-7155	Y	ERICKSO N. GLEN J. ERICKSO N. JACQUE LYN B.	UNNAME D STREAM	POU												X			X		0
Water Right	98-7155	Y	ERICKSO N. GLEN J. ERICKSO N. JACQUE LYN B.	UNNAME D STREAM	POU									26.0						21.6	30.5	102.7
Water Right	98-7173	Y	MERRIFI ELD. DONNA M. MERRIFI ELD. LONNIE	UNNAME D STREAM	POU				5.0	27.0								28				32
IRR UESD						1	6	21	27				4.1	26			24.6	33.4	35	21.6	30.5	

IRR 60AC

$$60 \times 3 = 180 \text{ AF}$$

$$60 \times 0.02 = 1.2 \text{ cfs}$$