

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 98-7842

Exam Date: 8/15/2012

1. Current Owner: LONNIE E MERRIFIELD
312 CLIFTY VIEW RD
BONNERS FERRY ID 83805
(208)267-5028
2. Accompanied by: OWNER
Phone No:
Address:
Relationship to Permit Holder:

3. **SOURCE****TRIBUTARY**

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 98-107, 98-7312, 98-7365, 98-7621 AND 98-7842
2. Other water rights with the same point of diversion: NONE

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

GROUND WATER SW1/4NE1/4 Sec. 8, Twp 61N, Rge 02E, B.M. BOUNDARY County

Method of Determination: GPS AND MAPS

2.

PLACE OF USE: DOMESTIC

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

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
61N	02E	5	<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>	
																	2.5	3.0	5.5
61N	02E	8	10.0	22.5	5.0		6.0												43.5

Total Acres: 49

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>
A0016					

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: 0.29 CFS

E. FLOW CALCULATIONS

Measured Method:

____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 147.3 \text{ AF}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 123.0 \text{ AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 123.0 \text{ AF}$$

2. Volume Calculations for Other Uses: DOMESTIC (4) X 0.6 = 2.4 AF

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>
DOMESTIC	01/01 to 12/31	0.080 CFS	2.40 AF
IRRIGATION	04/01 to 10/31	0.290 CFS	123.00 AF
<u>Totals:</u>		0.290 CFS	125.40 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 *Eric [Signature]* Date 9-25-2013

Reviewer *Leg. [Signature]* Date 12/27/13

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	98-7621	N	MERRIFI ELD, DONNA M; MERRIFI ELD, LONNIE	UNNAME D STREAM	POU																3.0		3
Water Right	98-7842	Y	MERRIFI ELD, LONNIE	GROUND WATER	POU																2.5	3.0	5.5
IRR UESD																					2.5	3.3	5.5

	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
	98-107	N	MERRIFI ELD, DORICE L; MERRIFI ELD, EARL M	UNNAME D STREAM	POU				10.0														10
	98-7086F	Y	CLIFTY VIEW NURSER Y INC	UNNAME D STREAM	POU								12.0										12
	98-7196A	Y	CLIFTY VIEW NURSER Y INC	UNNAME D STREAM	POU								12.0			2.0							14
	98-7312	Y	MERRIFI ELD, CAROL L; MERRIFI ELD, LONNIE	CABIN CREEK	POU		11.0	22.5															33.5
	98-7365	Y	MERRIFI ELD, CAROL L; MERRIFI ELD, LONNIE	CABIN CREEK	POU		11.0	22.5	5.4														38.9
	98-7621	N	MERRIFI ELD, DONNA M; MERRIFI ELD, LONNIE	UNNAME D STREAM	POU						5.0												5
	98-7806	Y	CLIFTY VIEW NURSER Y INC	GROUND WATER	POU								12.0			3.0							15
	98-7842	Y	MERRIFI ELD, LONNIE	GROUND WATER	POU		10.0	22.5	5.0		6.0												43.5
IRR UESD							11	22.5	7		6		12			3							61.5

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98-7842



Domestic
Irrigation Mainline = —————

1 inch = 354 feet

Legend

