

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 98-7196B

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
(208)267-7129

2. Accompanied by: LONNIE 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: 98-2086B, 98-7086E, 98-7086F, 98-7173, 98-7196A, 98-7155 and 98-7196B
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, 98-7051, 98-7637, 98-7173

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:

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	1.0		21.0	7.0				4.1	26.0			24.6	21.0	35.0	21.6	30.5	191.8

Total Acres: 191.8

PLACE OF USE: IRRIGATION STORAGE

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												X			X	X	

PLACE OF USE: IRRIGATION FROM STORAGE

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	1.0		21.0	7.0			4.1	26.0			24.6	21.0	35.0	21.6	30.5	191.8	

Total Acres: 191.8

DIVERSION TO STORAGE same as IRRIGATION FROM STORAGE

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>
A0016970					

*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>
FUGI						3/2013

2. Measurements: 3.04 CFS

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 575.4 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 1137.5 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 575.4 \text{ AF}$$

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	03/05 to 11/15	2.430 CFS	575.40 AF
IRRIGATION STORAGE	01/01 to 12/31		43.10 AF
DIVERSION TO STORAGE	03/15 to 11/15	2.900 CFS	
IRRIGATION FROM STORAGE	03/15 to 11/15		43.10 AF
<u>Totals:</u>		2.900 CFS	618.50 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 Eir. [Signature] Date 9-6-2013

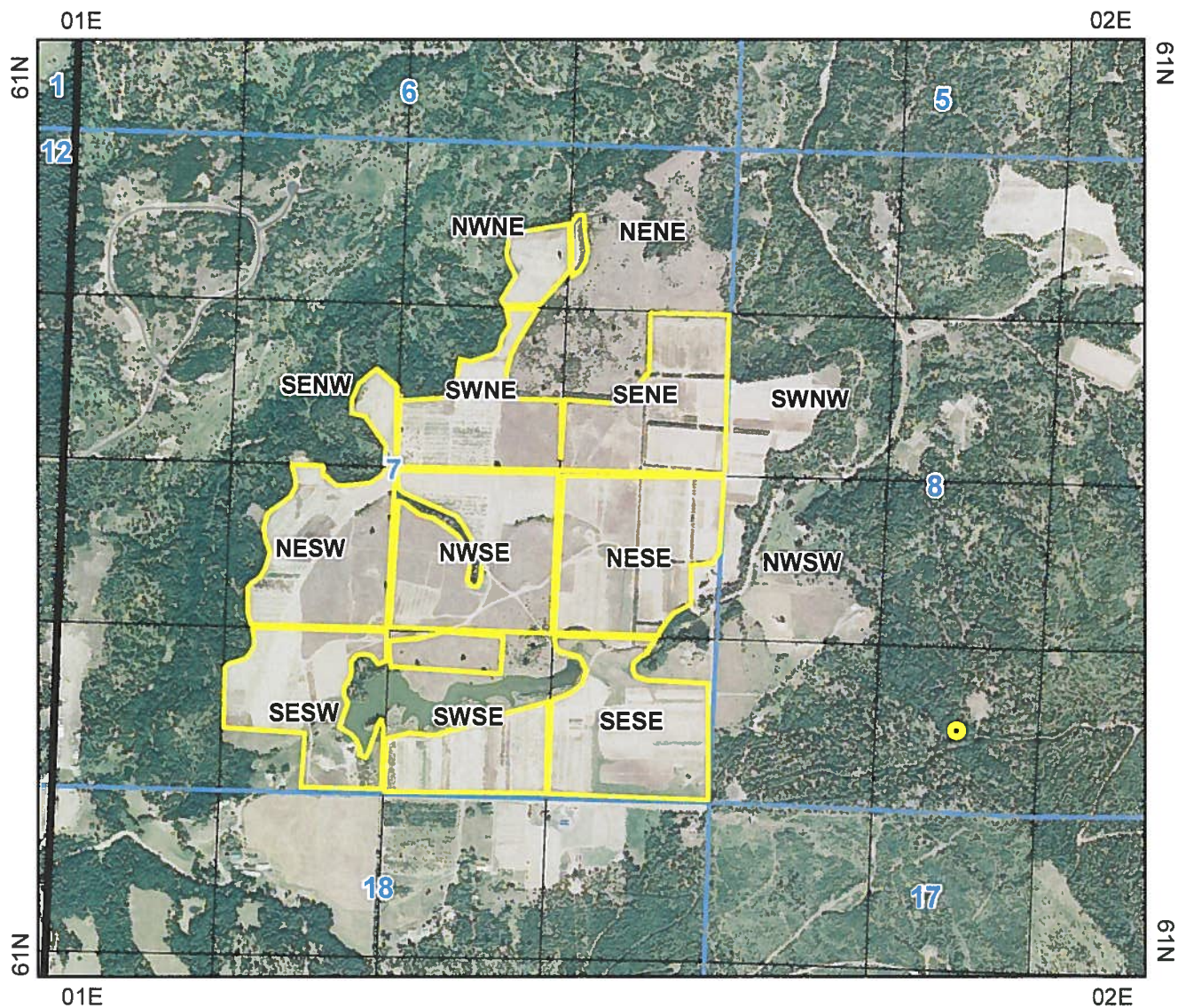
Reviewer [Signature] Date 9-20-13

98-7196 B

Process	Basin Sequence	Draft	Owner	Source	POB/POU		NENE	NWNE	SWNE	SENE	NEW	NWN	SWW	SEW	NEW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
Water Right	98-104	N	SWANSO N. EDITH SWANSO N. LYLE E	SPRING	POU													X					0
Water Right	98-114	N	AMOTH, DONALD, AMOTH, CREEK WYRNA	COW CREEK	POU												X						0
Water Right	98-2086B	N	ERICKSO N. GLEN J	UNNAME D	POU					10.0									10.0				20
Water Right	98-7086E	Y	MERRIF ELD. DONNA M. MERRIF ELD. LONNIE	UNNAME D	POU									15.0					21.0	20.0	10.0		66
Water Right	98-7086F	Y	CLIFTY VIEW NURSER Y INC	UNNAME D	POU					10.0									18.0				28
Water Right	98-7155	Y	ERICKSO N. GLEN J. ERICKSO N. JACQUEL YN B	UNNAME D	POU													X			X	X	0
Water Right	98-7155	Y	ERICKSO N. GLEN J. ERICKSO N. JACQUEL YN B	UNNAME D	POU									26.0				24.6			21.6	30.5	102.7
Water Right	98-7173	Y	MERRIF ELD. DONNA M. MERRIF ELD. LONNIE	UNNAME D	POU																		32
Water Right	98-7196A	Y	CLIFTY VIEW NURSER Y INC	UNNAME D	POU													X			X	X	0
Water Right	98-7196A	Y	CLIFTY VIEW NURSER Y INC	UNNAME D	POU					20.0									12.4			2.0	34.4
Water Right	98-7196B	Y	MERRIF ELD. DONNA M. MERRIF ELD. LONNIE	UNNAME D	POU													X			X	X	0
Water Right	98-7196B	Y	MERRIF ELD. DONNA M. MERRIF ELD. LONNIE	UNNAME D	POU									4.1	26.0			24.6	21.0	35.0	21.6	30.5	191.8
IRR UESD							1		21	27				4.1	26			24.6	33.4	35	21.6	30.5	224.2

X-35 CANDIDATION = 224.2 AC
 AC X 0.0265 = CFS = 4,98 CFS
 224.2 AC X 3AF = 677 / AF

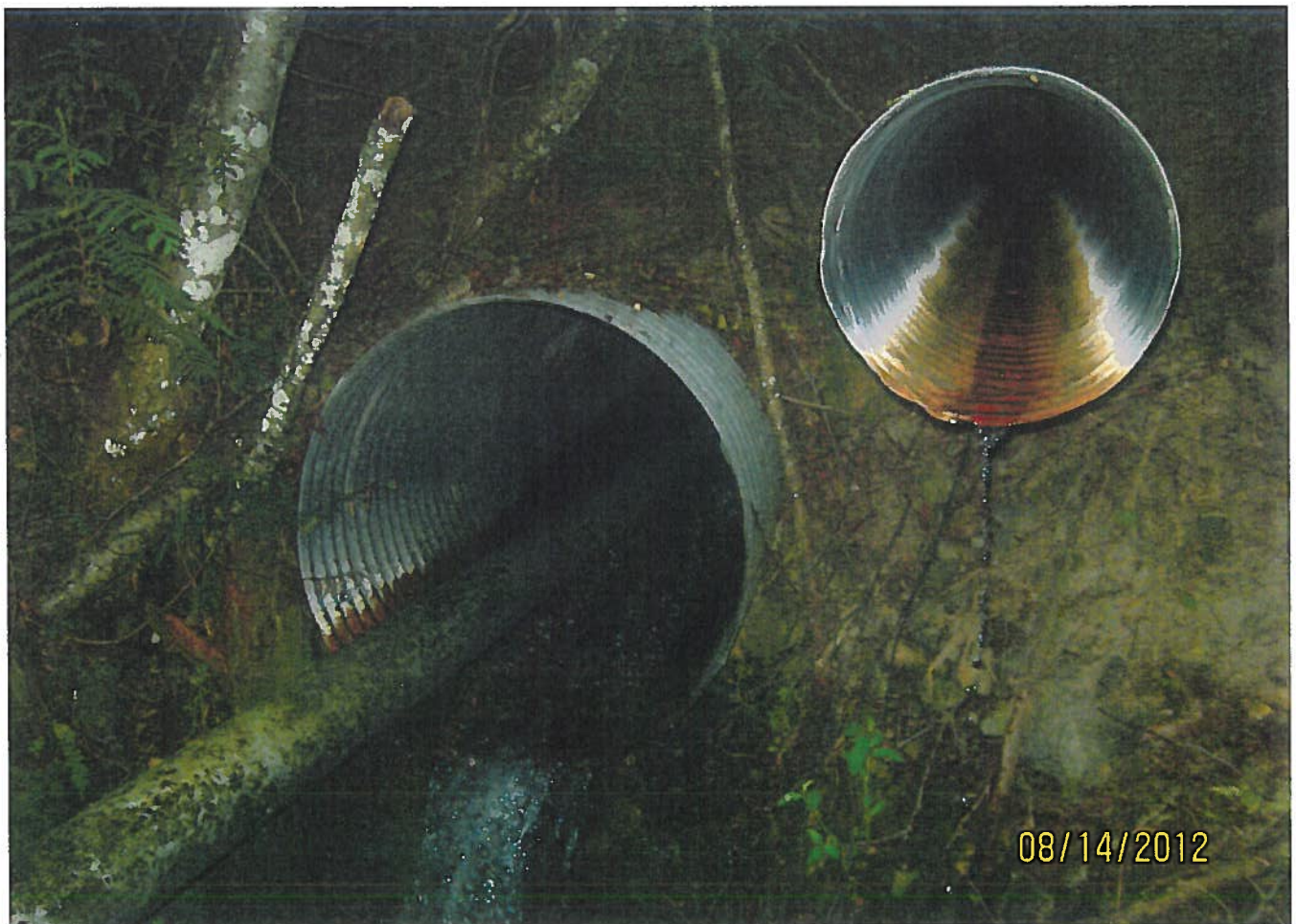
State of Idaho
Department of Water Resources
Water Right License
98-7196B



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

0 0.15 0.3 0.6 Miles





CLIFTR View
8-14-2012

TAG GPS # A016970



08/14/2012



98-7196B + 7196A



1 inch = 1,937 feet



Legend