

**NOTICE OF APPLICATION
FOR WATER RIGHT**

The following application(s) have
been filed to appropriate the public
waters of the State of Idaho:

98-7621

MERRIFIELD, LONNIE E. &/or
DONNA M.

RT. 1 BOX 509, BONNERS FERRY,
ID 83805

Source: UNNAMED STREAM trib. to
CABIN CREEK

Diversion Pt: SENWSE Sec 08 T 61N
R 02E

Use: IRRIGATION (0.120 CFS)

Date Filed: 02/06/1986

In: SENE NESE Sec 08 T 61N R 02E
FOR 8 ACRES.

98-7622

MERRIFIELD, LONNIE E. &/or
DONNA M.

RT. 1 BOX 509, BONNERS FERRY,
ID. 83805

Source: UNNAMED STREAM trib. to
CABIN CREEK

Diversion Pt: SWSWSE Sec 08 T 61N
R 02E

Use: IRRIGATION (0.2 CFS)

Date Filed: 02/06/1986

In: NENE NWNE SWNE Sec 08 T 61N
R 02E FOR 55 ACRES.

The permit(s) will be subject to all
prior water rights. Protests must be
filed with the Director, Dept. of Water
Resources, 4055 Gov't. Way, Coeur
d'Alene, Id. 83814 on or before
MARCH 10, 1986.

KENN DUNN, Dir.

Published Feb. 20 & 27, 1986-#249

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO

County of Boundary

ss.

DAN DREWRY, MANAGING EDITOR FOR JIM THOMPSON being
first duly sworn upon his oath, deposes and says that he is the publisher (or foreman)
PUBLISHER

of The Bonners Ferry Herald, a newspaper of general circulation, published weekly at
Bonners Ferry, Boundary County, State of Idaho; that the said Bonners Ferry Herald has
been continuously and uninterruptedly published in said Boundary County during a period
of 18 months or 78 weeks prior to the first publication of the hereto attached notice; that

the advertisement of NOTICE OF APPLICATION FOR WATER RIGHT

#98-7621 & 98-7622 #249

a

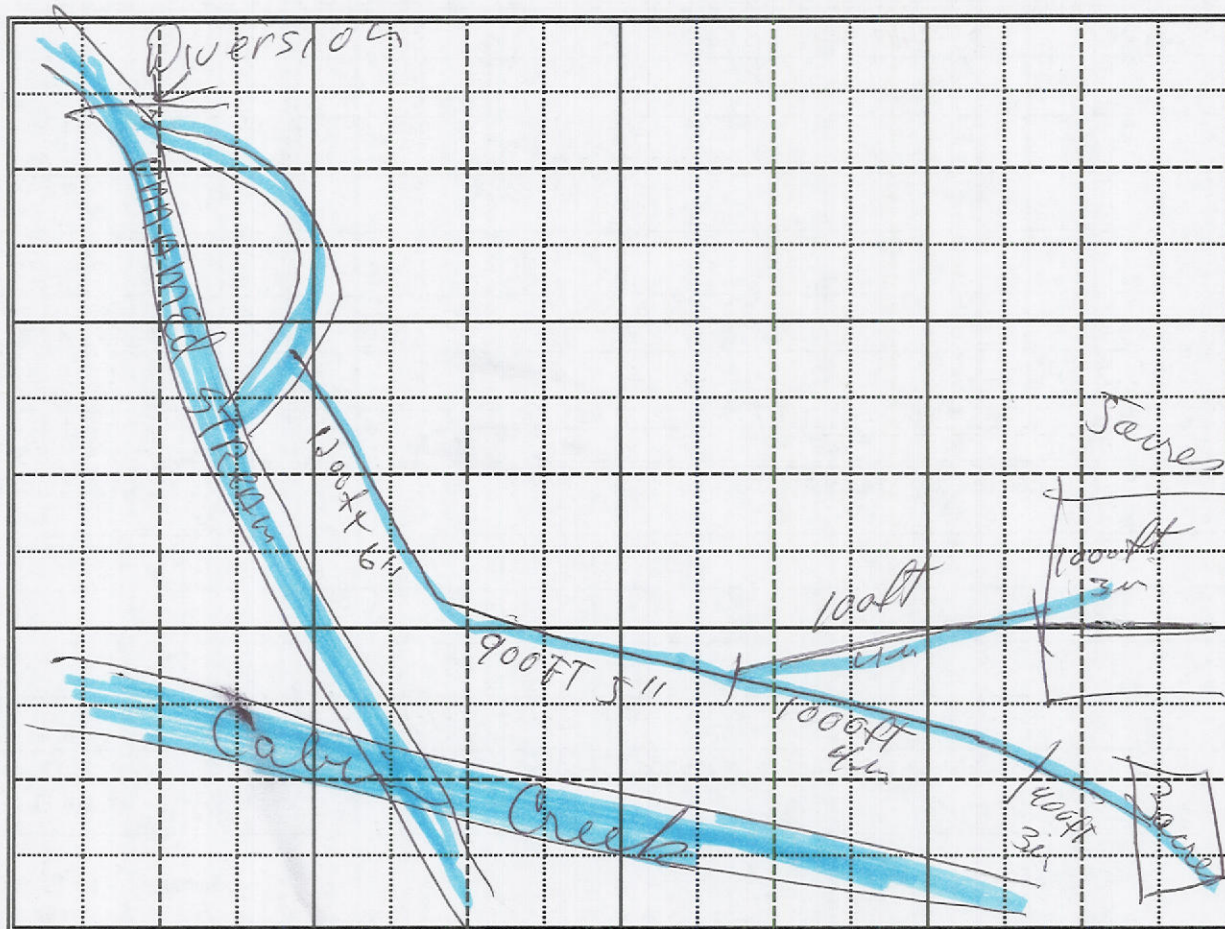
Notice for Publication, a printed copy of which is attached hereto was published in said
newspaper and not in a supplement thereof for 2 consecutive issues, com-
mencing with the issue dated February 20, 19 86, and ending with the
issue dated February 27, 19 86.

Subscribed and sworn to before me this 27th day of February, 19 86.

Alice F. Winn
Notary Public in and for the County of Boundary, State of Idaho,
residing at Bonners Ferry, Idaho.

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3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = M.S.

____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ Aerial Photo Attached (required for irrigation of 10+ acres)

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

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

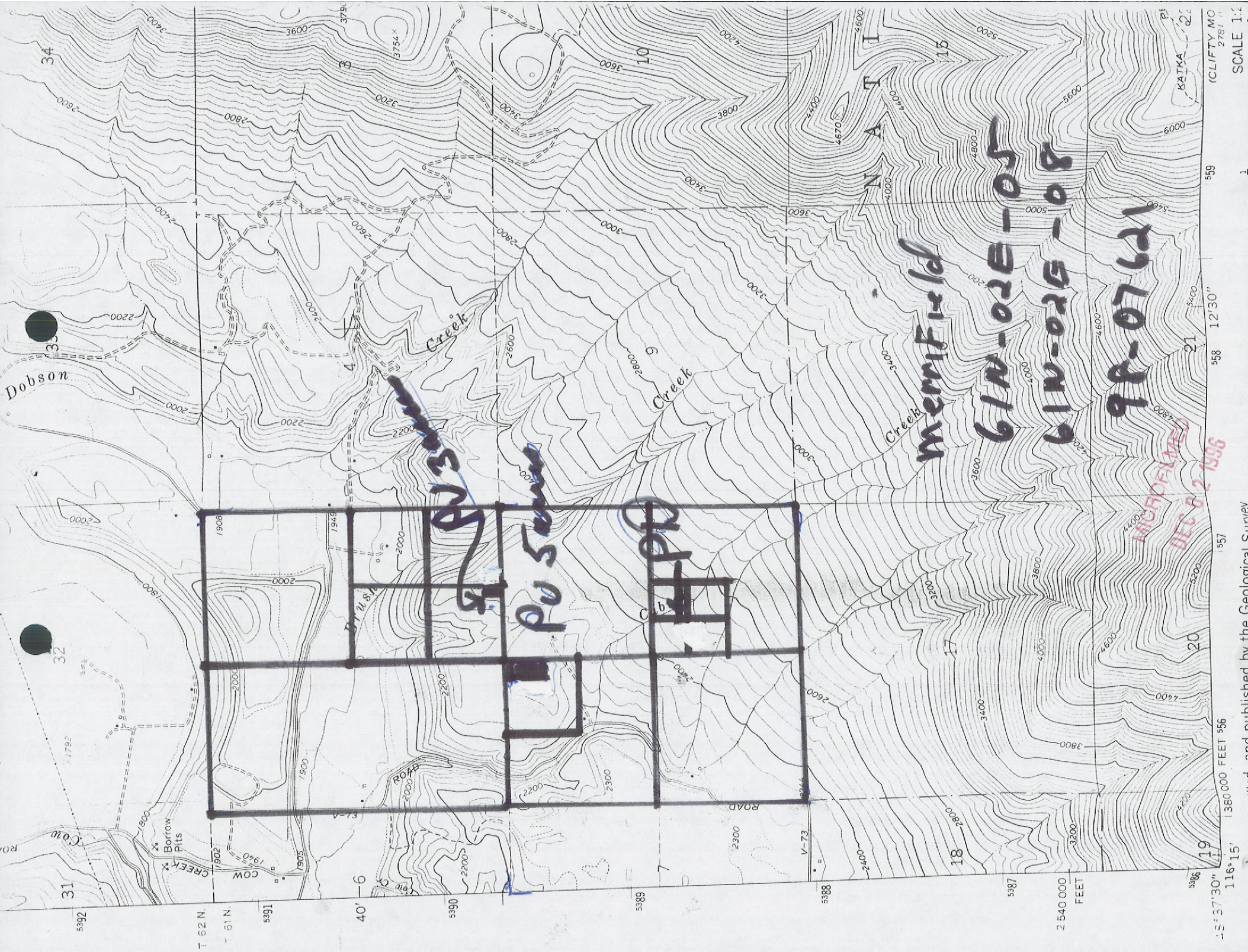
D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: _____

MICROFILMED
DEC 02 1996





Pd



Pu



Pu .

merrifield
98-07621

MICROFILMED
DEC 02 1996



Pd



Pu

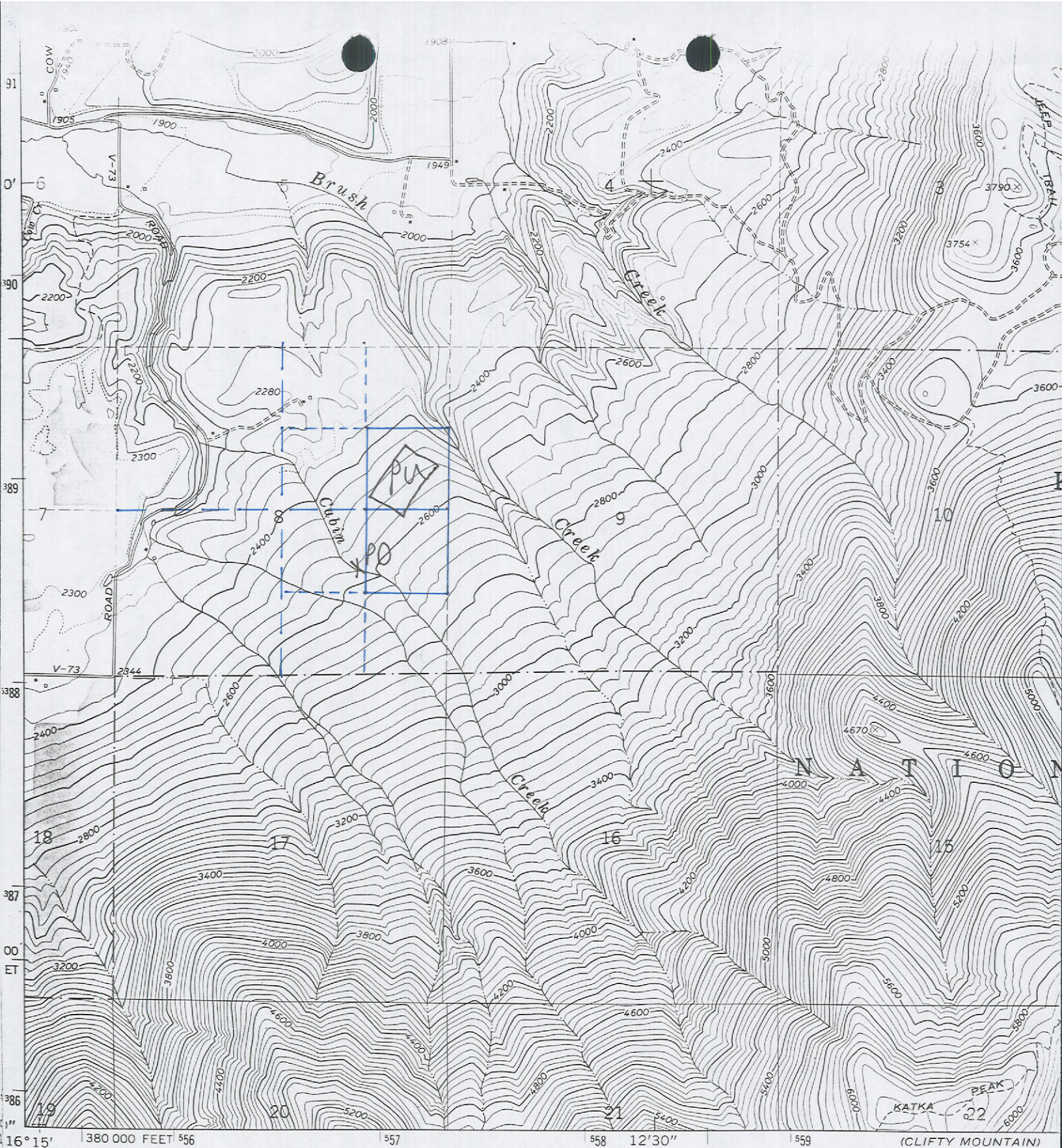


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merrifield

98-07621

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DEC 02 1996



Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and U. S. Forest Service

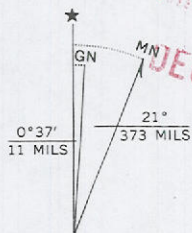
Topography by photogrammetric methods from aerial photographs taken 1963. Field checked 1965

Polyconic projection. 1927 North American datum 10,000-foot grid based on Idaho coordinate system, west zone

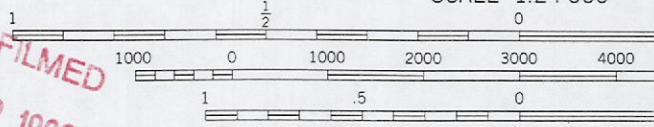
1000-meter Universal Transverse Mercator grid ticks, zone 11, shown in blue

To place on the predicted North American Datum 1983, move the projection lines 12 meters north and

UTM GRID AND 1965 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



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JEC 0 2 1996



CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT NATIONAL GEODETIC VERTICAL DATUM

PERMIT # 98-07621

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

P H O T O G R A P H S

PD



PU



2" 27 3"



02 1996

DEP

Kodak
Royal
PAPER

Kodak
Royal
PAPER

Kodak
Royal
PAPER

22 N 1 N 2

P.D

Pu

2" 573"



P.D

P.V

2" 27 3"



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
COMMENCEMENT OF WORKS

Permit No. 98-7624

Name(s) of Permit Holder(s): Lonnie E. and Donna M. Mansfield

Post Office Address: Rte 1, Box 509

Bonanza Valley, Idaho 83805 Tel. No. 267-7129

☐ I hereby certify that construction of diversion works for the above referenced permit began on June 20, 1986 (date). I understand that I must

continue to develop the water system with due diligence to maintain a valid permit.

☐ I hereby certify that construction of diverting works on the above referenced project has not yet begun due to the following reason beyond my control*:

*Note: A financing difficulty is not an acceptable reason.

Aug 20 1986
Date

Lonnie E. Mansfield
Signature of Permit Holder

CLIFTY W NURSERY
Route 1 Box 509
BONNERS FERRY, ID 83805
(208) 267-7129



RECEIVED
SEP 2 1986



RECEIVED
AUG 09 1991

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 98-07621

Priority: February 6, 1986

Maximum Diversion Rate:

0.12 CFS

Maximum Diversion Volume:

24.0 AF

This is to certify, that LONNIE E MERRIFIELD
DONNA M MERRIFIELD

PT 1 BOX 509

BONNERS FERRY ID 83805

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated February 6, 1986; and has submitted Proof of Beneficial Use on March 4, 1991. An examination indicates that the works have a diversion capacity of 0.120 cfs of water from:

UNNAMED STREAM

tributary to CABIN CREEK

source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/15 to 11/15	0.12 CFS	24.0 AF

LOCATION OF POINT(S) OF DIVERSION:

NWSE , Sec. 8, Township 61N, Range 02E
BOUNDARY County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
61N	02E	5	SWSE	3		3
		8	NENW	5		5

Total number of acres irrigated: 8

CONDITIONS OF APPROVAL AND REMARKS

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount that can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 3.0 afa per acre for the lands above.

MICROFILMED
DEC 02 1986

State of Idaho
Department of Water Resources

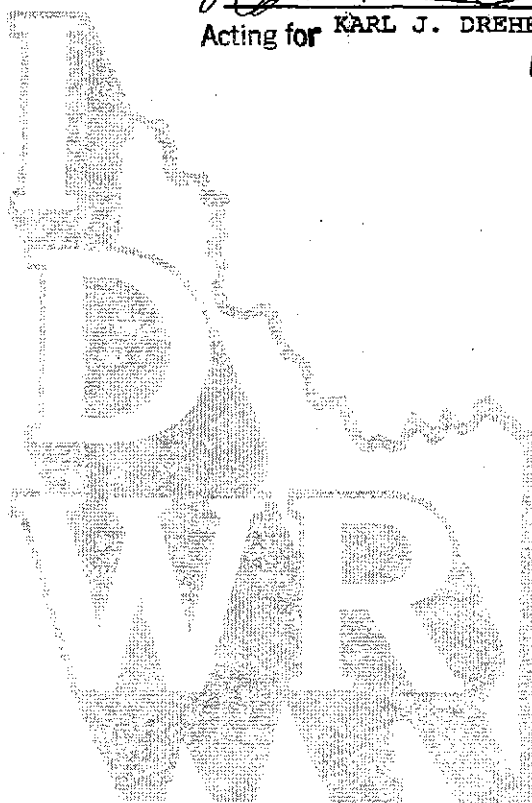
WATER RIGHT LICENSE

WATER RIGHT NO. 98-07621

CONDITIONS OF APPROVAL AND REMARKS

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this 24TH
day of SEPTEMBER, 1996.


Acting for KARL J. DREHER Director



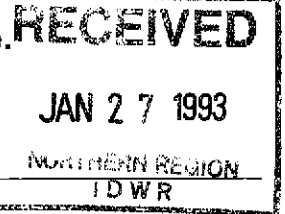
MICROFILMED
DEC 02 1998

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPROVED

APPLICATION FOR AMENDMENT OF A PERMIT

To change the point of diversion and/or the place of use.



Comes now Lonnie E and Donna M. Merrifield
of (address) Rte 1, Box 509 Bonners Ferry Ida 83805, and represents to the
Director of the Idaho Department of Water Resources:

That he is the owner and holder of Permit to appropriate the Public Waters of the State of Idaho
No. 98-7621, and requests that the permit and permit map be changed as follows:

1. Point of diversion: NW 1/4 SE 1/4, Section 8, Township 61N, Range 2E, B.M.,
County of Boundary. Other points of diversion: None

2. Period and nature of use: (irrigation, domestic, stockwatering, industrial, etc.)

Amount .12 cfs for irrigation purposes from 4-1 to 10-15 (both dates inclusive)
(cfs or acre feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre feet per annum)

3. Place of use or land to be irrigated:

TWP	RGE	SEC	NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTALS
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
61N	2E	8					5												5
61N	2E	5															3		3

Total number of acres to be irrigated = 8

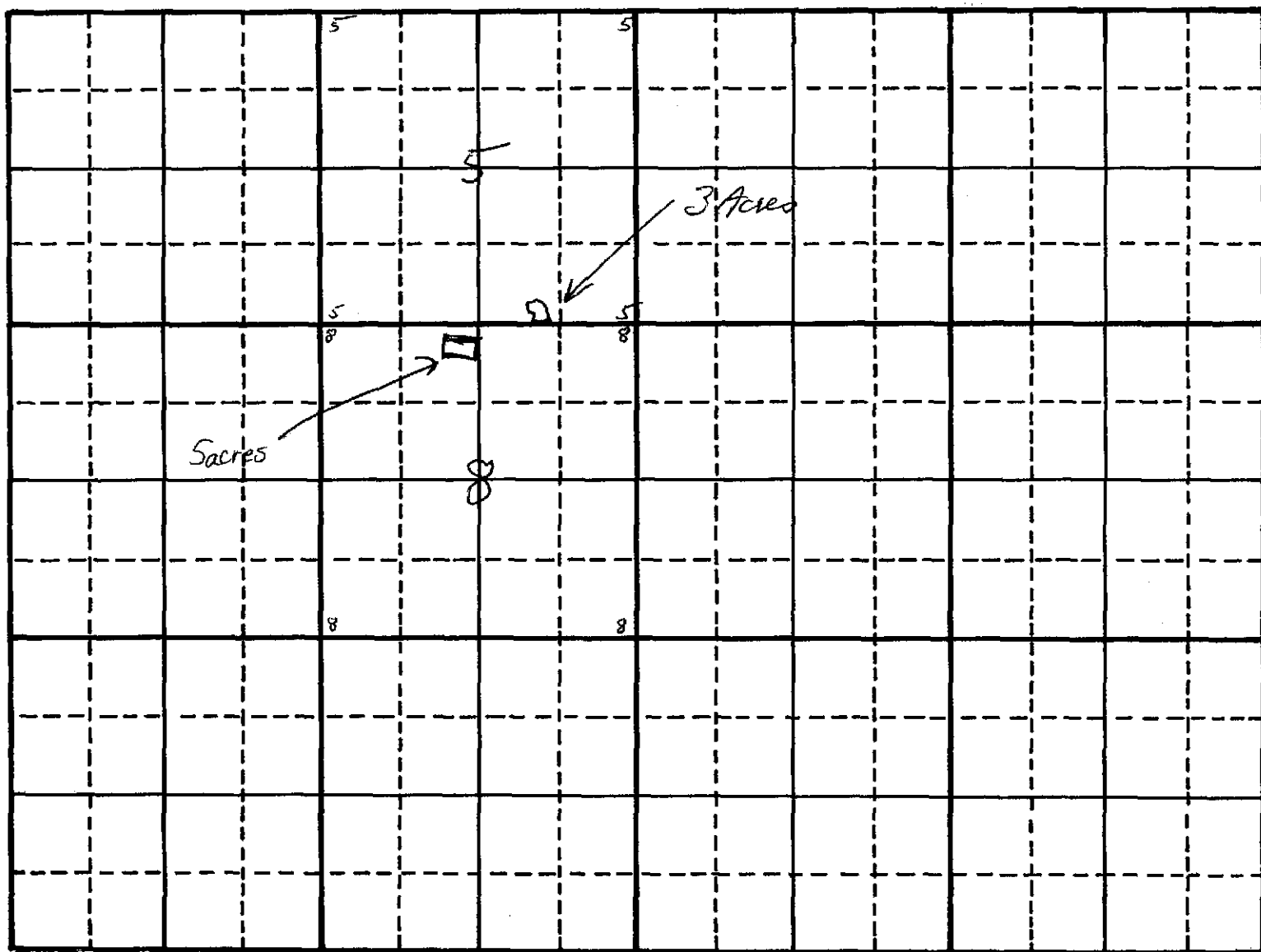
4. a. Who owns the property at the point of diversion? Lonnie E & Donna M Merrifield
b. Who owns the land to be irrigated or the place of use? Lonnie E & Donna M Merrifield
c. If the property is owned by a person other than the applicant, describe the arrangement enabling the
applicant to make this filing: Not applicable

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MAY 24 1993

Complete the following map by showing land and point of diversion as proposed by this amendment.

Show 40-acre subdivisions, townships, ranges and ditches.



Scale: 2 inches equal 1 mile.

That no one will be injured by such change, and that such change will be made at permit holder's own risk.

Signed at 1:10 PM, Bonners Ferry, Idaho, this 26th day of January, 19 93.
Lonnie E. Merrifield
(Signature)

FOR DEPARTMENT USE ONLY

Preliminary check by _____ Fee = \$20.00 Received by pm Date 1/27/93 (N6256)
Publication prepared by _____ Date _____ Published in _____
Publication dates _____

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

I, L. GLEN SAXTON, Director of the Department of Water Resources hereby
approve the above referenced application for amendment provided the conditions as set
forth in Permit No. 98-07621 are met.

Witness my hand this 16th day of March, 19 93

L. Glen Saxton
Chief, Water Allocation Bureau

MICROFILMED

MAY 24 1993



STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

Department of Water Resources

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

- Permit No. 98-7621 Telephone No. 208 267 7129
- Name(s) of Permit Holder(s): Lonnie E. and Donna M. Merrifield
- Post Office Address: Rte 1 Box 509 Bonners Ferry Id 83805
- Source of Water: Unnamed stream tributary to Cabin Cr. during High Flow Only
 - If ground water, well driller's name: _____ Date drilled: _____
 - Pump horsepower: _____ Pressure (psi): _____ Dynamic pumping level (ft.): _____
- Extent of Use:

Domestic _____ (No. of households)

Irrigation 8 (No. of acres)

Stockwater _____ (No. and type of stock)

Other _____

- Total rate and/or volume for which proof is submitted .12 CFS cfs _____ acre/feet

- Refer to the approval conditions on your permit and respond accordingly:

Measuring device: Required? Yes ☒ No ☐ Installed? Yes ☒ No ☐

OR

Flow Measurement Port: Required? Yes ☒ No ☐ Installed? Yes ☒ No ☐

- Fee Enclosed: \$ 50.00 (See License Examination Fee Schedule)

- Person to contact to accompany the Department representative during the field examination:

Lon Merrifield

Name

287 7129

Telephone No.

Rte 1 Box 509BF, Ida 83805

Address

- The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

Feb 27
Date

Lon E Merrifield
Signature (and title if on behalf of a company or organization)

AUG 09 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 98-7621

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant Lonnie E and Donna M. Merrifield Phone 208-267-7129
Post office address Route 1, Box 509, Bonners Ferry, Idaho 83805
2. Source of water supply Unnamed Stream which is a tributary of Cabin Cr in high flow Only
3. Location of point of diversion is SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of SE $\frac{1}{4}$, Govt. Lot _____
Sec. 8 Township 61N Range 2E B.M. Boundary County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount 0.12 CFS for Irrigation purposes from 4-1 to 10-15 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 0.12 CFS and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc. from stream to field by plastic line and onto field by gravity sprinkler system
 - b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet; period of year when water will be diverted to storage: _____ to _____ inclusive.
 - c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
 - d. Is ground water with a temperature of greater than 90°F being sought? _____
7. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years (minimum 1 year).

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8. Description of proposed uses (if irrigation only, go to item 9):

- a. Hydropower; show total feet of head and proposed capacity in KW. _____
- b. Stockwatering; list number and kind of livestock. _____
- c. Municipal; show name of municipality. _____
- d. Domestic; show number of households. _____
- e. Other; describe fully. _____

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: *D* for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
61N	2E	8				7									1				8

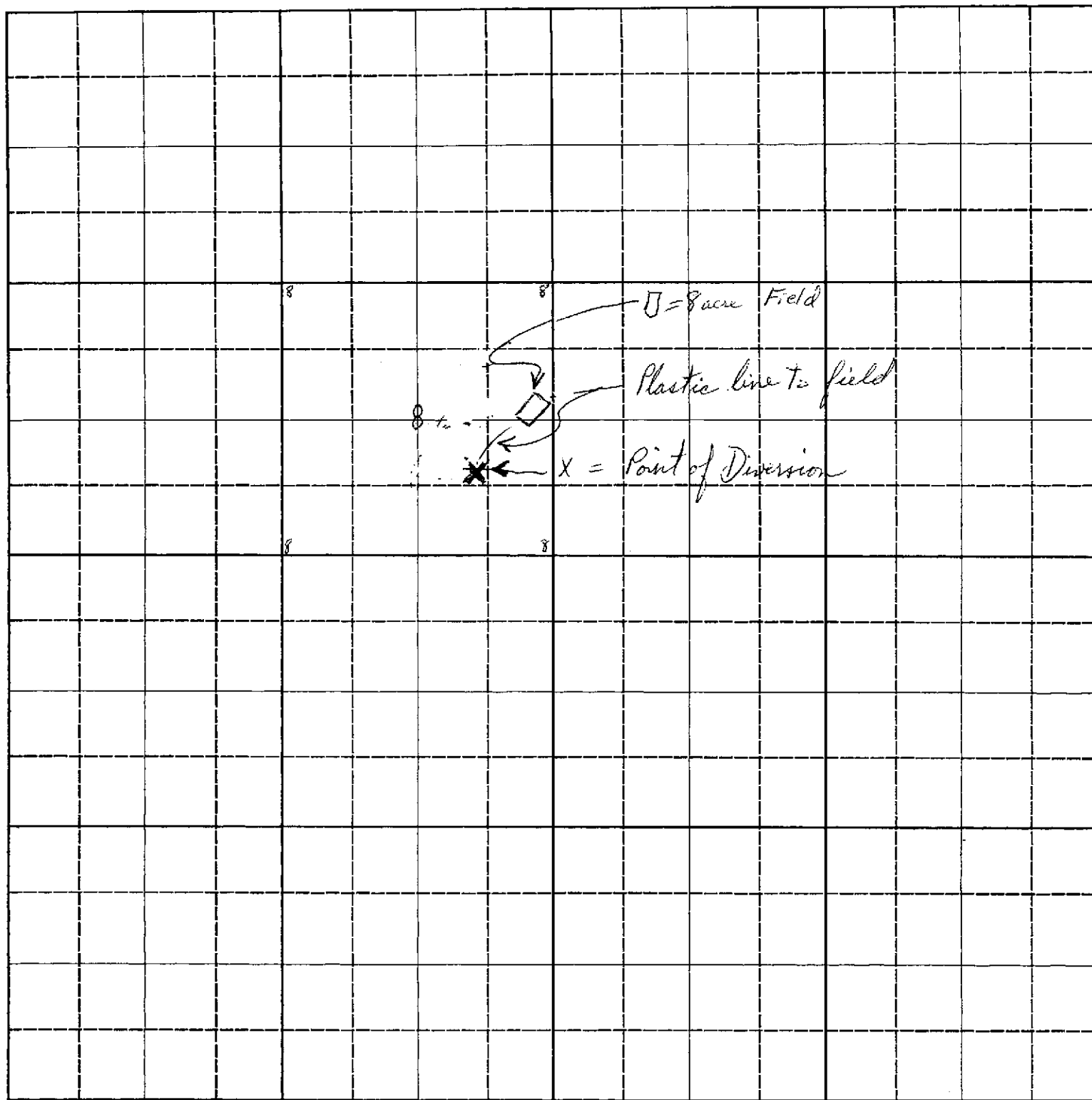
Total number of acres to be irrigated 8

10. Describe any other water rights used for the same purposes as described above. _____

- 11. a. Who owns the property at the point of diversion? Lonnie E. and Donna M. Merrifield
- b. Who owns the land to be irrigated or place of use? Lonnie E. and Donna M. Merrifield
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. _____

12. Remarks: _____

13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

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BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Lonnie S. Merrifield
Donna M. Merrifield
(Applicant)

Proposed Priority 2/6/86

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Received by JK Date 2/6/86 Time 3:30 PM Preliminary check by 2

Fee \$ 30⁰⁰ Receipted by JK # 31935 Date 2/6/86
Borman Henry Smith

Publication prepared by JK Date 2/13/86 Published in 2/20-27/86

Publication approved JK Date 3/11/86

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 98-7621, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before April 1, 19 91.

c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.

d. The water right acquired under this permit if for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit.

e. Other: Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.

Witness my hand this 2nd day of April, 1986.

J. Glen Saxton
Chief, Operations Bureau

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO

County of Boundary

ss.:

DAN DREWRY, MANAGING EDITOR FOR JIM THOMPSON being first duly sworn upon his oath, deposes and says that he is the publisher (or foreman) PUBLISHER

of The Bonners Ferry Herald, a newspaper of general circulation, published weekly at Bonners Ferry, Boundary County, State of Idaho; that the said Bonners Ferry Herald has been continuously and uninterruptedly published in said Boundary County during a period of 18 months or 78 weeks prior to the first publication of the hereto attached notice; that

the advertisement of NOTICE OF APPLICATION FOR WATER RIGHT
#98-7621 & 98-7622 #249

a

Notice for Publication, a printed copy of which is attached hereto was published in said newspaper and not in a supplement thereof for 2 consecutive issues, commencing with the issue dated February 20, 1986, and ending with the issue dated February 27, 1986.

Subscribed and sworn to before me this 27th day of February, 1986.

Alice F. Winn
Notary Public in and for the County of Boundary, State of Idaho,
residing at Bonners Ferry, Idaho.

MICROFILMED

MEMORANDUM FOR THE RECORD
TO: KENN DUNN, JR.
FROM: JIM THOMPSON
SUBJECT: BONNERS FERRY
ID 03805
Source: UNNAMED STREAM trib. to
CADDIS CREEK
Division: S.W.S.W. Sec 08 T.61N. R.02E
Use: IRRIGATION (0.120 CFS)
Dated: 02/06/1986
IN: S.W.S.W. Sec 08 T.61N. R.02E
FOR 55 ACRES
The applicant will be subject to all
prior water rights. Protests must be
filed with the Director, Dept. of Water
Resources, 4055 Power Way, Coeur
d'Alene, ID, 83814 on or before
MARCH 10, 1986.

KENN DUNN, JR.

Published Feb. 20 & 27, 1986 #249



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

September 25, 1996

LONNIE E MERRIFIELD
DONNA M MERRIFIELD
RT 1 BOX 509
BONNERS FERRY ID 83805

RE: WATER RIGHT NO. 98-07621

Dear Water Right Holder(s):

Enclosed is a copy of the Water Right License issued on the above referenced permit. If you have any questions, please contact me within 10 days of receipt of this license.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:ph

Enclosure

MICROFILMED
DEC 6 2 1996

LICENSE REVIEW CHECKLIST

PERMIT NO. 98-07621

DATE 9/11/96

REVIEWER: S H A R L A

NAME Change OK Address Change No
 SOURCE Change OK Is change/clarification of originally intended source? Yes
 If not, prepare Notice of Intent to Void Yes
 POINT OF DIV Change OK Amendment required No
 PLACE OF USE Change OK Amendment required Yes No
 Does map agree with written description? Yes no

OVERLAPS Yes P/D Yes P/U

RATE OF DIV
 Permitted Rate .12 cfs
 Fee limit .20 cfs \$50⁰⁰
 Measured .12 cfs
 Theoretical gravity cfs
 Recommended Total Div Rate .12 cfs

ANNUAL VOLUME/
 NATURE OF USES Yes Use Volume Calculation
3/15-11/15 season hrs. 8 x 3.0 = 24.0 af
24.0 af
24.0 af
 SUBTOTAL 24.0 af

Flow rate .12 cfs X 245 days X 1.98^{af} = 58.2 af
 Total volume recommended 24.0 af
 (SUBTOTAL or Flow Rate, whichever is less)

REMARKS

CONDITIONS Watermaster Control WD# _____
R29 GW Measurement/Measuring Device
Overlap
Use-specific conditions

Advancement of Priority Date Required Yes no

SRBA Claim Filed N/A
 Adjustment Memo _____

1st Amend Letter N/A
 2nd Amend Letter N/A

Permit No. 98-07621

1. Owner: Jonnie & Donna Merrifield Phone No. (208) 267-7129

Current Address: RT 1 Box 509 Bonners Ferry Id. 83805

2. Accompanied by: Lonnie Merrifield EXAM DATE: 6-20-96

Address: Same as above Phone No. _____

Relationship to Permit Holder:

3. Source: Unnamed stream tributary to Cabin Creek

B. OVERLAP REVIEW

1. Other water rights with the same place of use:

2. Other water rights with the same point of diversion:

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

[illegible]

2. Place(s) of Use:

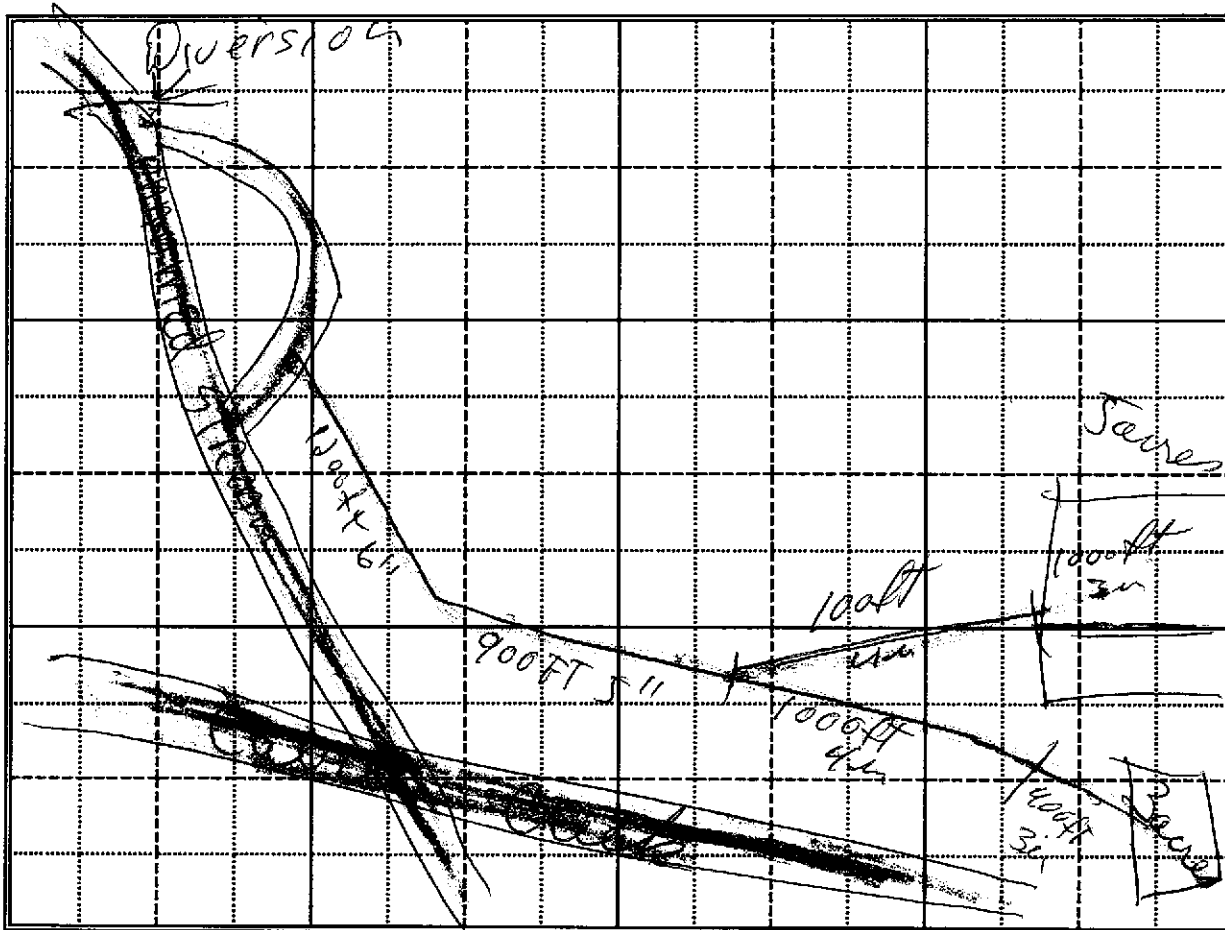
Indicate Method of Determination

[illegible]

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DEC 8 2 1996

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = 1000'

____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ Aerial Photo Attached (required for irrigation of 10+ acres)

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: _____

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DEC 02 1953

E. NARRATIVE/REMARKS/COMMENTS

This exam done to verify
benifit use at amended place of
use. Last exam done 6/24/92

Have conditions of permit approval been met? ☒ yes ☐ no

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DEC 02 1998

F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method:

5 gal bucket with 7/8 hose attached at sprinkler heads
5 gal in 40.5 sec 7.4 gpm on 7 heads

$$\frac{7 \times 7.4 \times 1.33681}{60} = 0.12 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 8 \times 3 = 24$$
$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.12 \times 153 \times 1.9835 = 36$$
$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 24$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	04-01	10-05	0.12	24
Totals:			0.12	24

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

Wayne Balder

Date

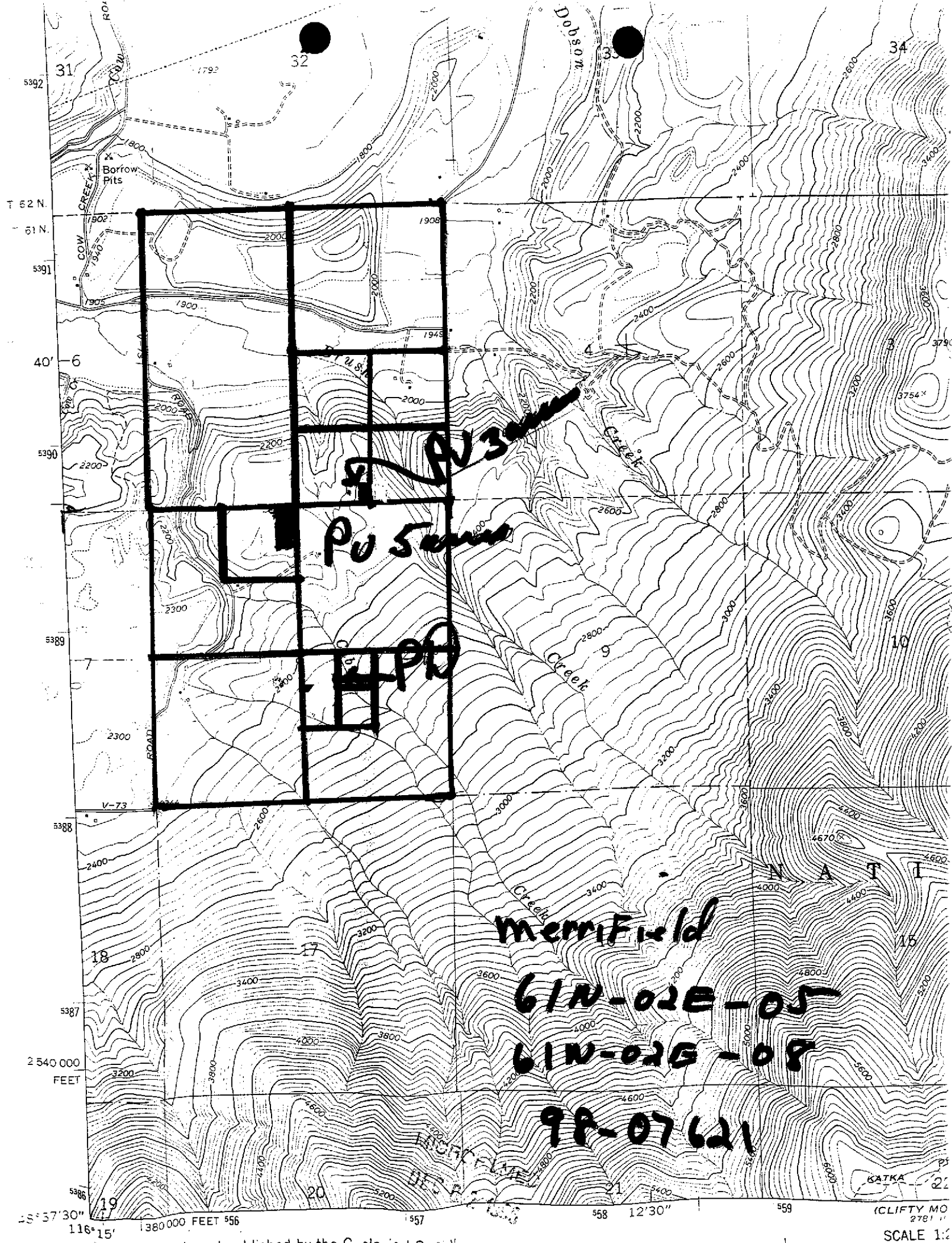
6-26-96

Reviewer

Date

SEAL

MICROFILMED
DEC 02 1996



merriField

61N-02E-05

61N-02E-08

9A-07621

CLIFTY MO

SCALE 1:2

pd



pd



pd

maribel

98-07621

MICROFILMED
DEC 6 2 1968



pel

pel

pel

marfield

98-07621

MICROFILMED

DEC 02 1998

MEMORANDUM

DATE: March 24, 1994
TO: Northern Region
FROM: Cindy Zimmerman
SUBJECT: Permit No. 98-07621, Lonnie E & Donna Merrifield

=====

During licensing review of the Merrifield's permit, I noted that they amended their permit on March 16, 1993. The field examination conducted June 24, 1992, nearly nine months prior to the approval of the amendment, identifies beneficial use of water as per the original permit.

Please confirm the beneficial use of water at the amended place of use so that we may issue a license on that use.

Thanks,

Cindy

MICROFILMED
DEC 02 1995

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
NOV 01 1993

Department of Water Resources

A. GENERAL INFORMATION

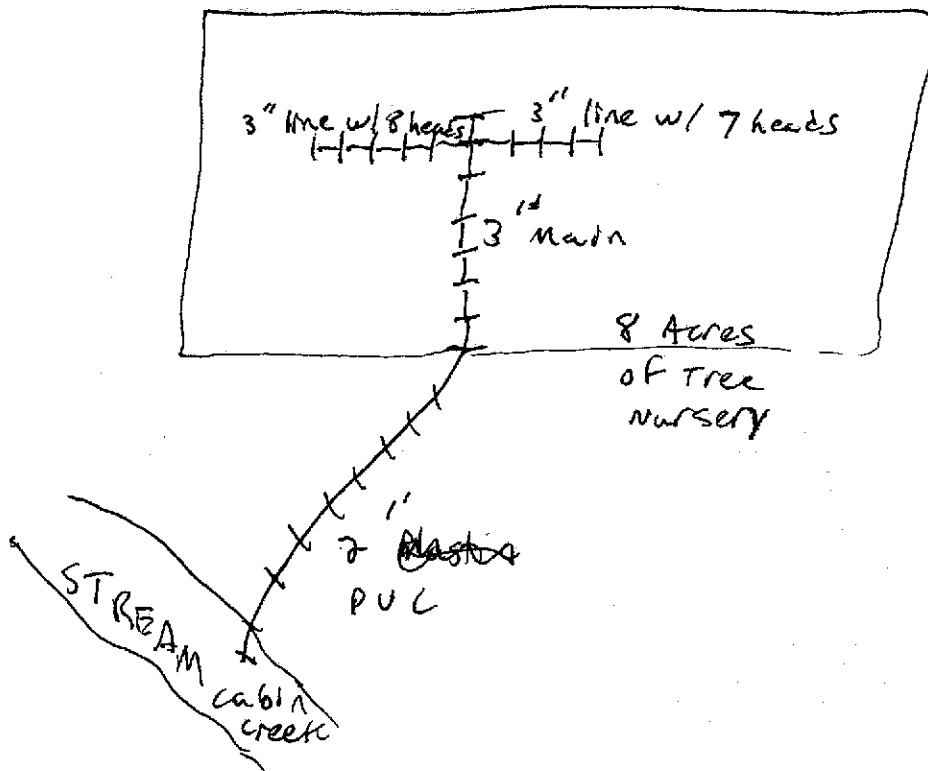
- Permit No. 98-07621
Phone No. 267-7129
1. Owner: Lonnie & Donna Merrifield
Current Address: Rt. 1, Box 509, Bonners Ferry, ID 83805
2. Accompanied by: Lonnie Merrifield EXAM. DATE: 6/24/92
Address: Same Phone No. Same
Relationship to Permit Holder: Cabin Creek RR
3. Source: Unnamed tributary to Cow Creek & Source locally known as Unnamed stream

B. OVERLAP REVIEW

1. Other water rights with same place of use: None
☐ Copies Attached
2. Other water rights with same point of diversion: None
☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = NTS

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and place(s) of use (required).
☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater.)
☐ Aerial Photo Attached
(required for irrigation of 10 acres or more)

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DEC 02 1993

System Description (continued)

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

Two inch line catches water from Cabin Creek and gravity feeds it down to an 8 acre field of trees. A 2" field line plugs into 3" main off of which 3" laterals of 7 and 8 heads ~~mark~~ water the trees.

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
gravity					

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		SE	NW	SE	8	61N	2E	Boundary	Map

6. Place(s) of Use:

Indicate Method of Determination

Map

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
61N	02E	8				7									1				8

MICROFILMED

DEC 02 1986

Do not use this space

PERMIT # 98-07621

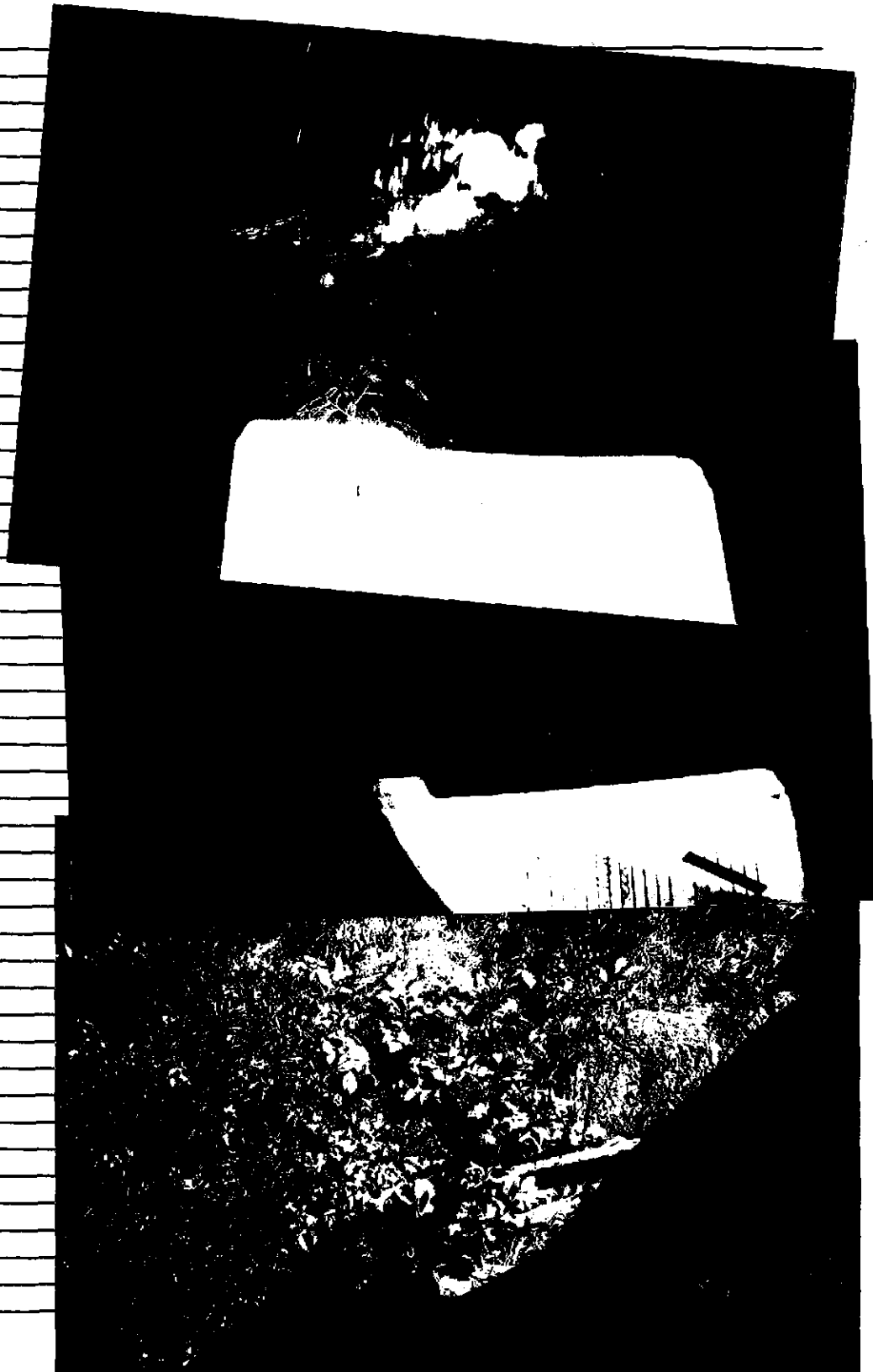
STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PHOTOGRAPHS

PD

PU

2" 3"



5 2 1996

DEP.

P.D

P.V

2" 27 3"



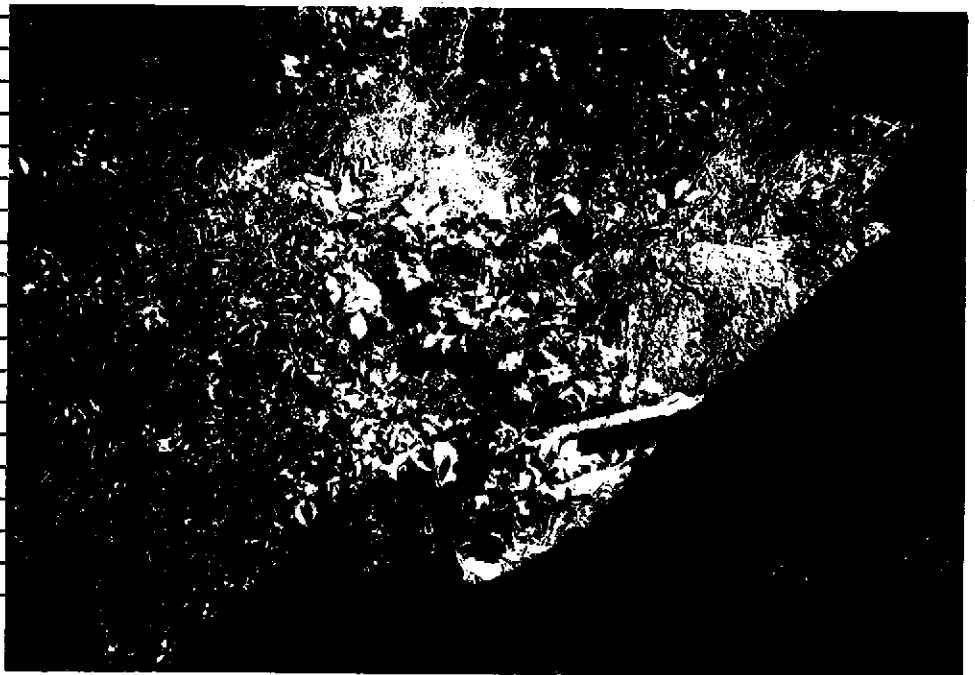
9 2 1986

D:

P.D

Pu

2" 573"



9 2 1996

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Bucket						

2. Measurements:

~~0.13~~ @ pt of 2" going into 3"
5 gallon bucket x 5 seconds = 0.13 cfs
11 cuse 0.12 cfs

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

0.12 cfs irrigation

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3) ; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (8)(3.0) = 24$

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

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 24 \text{ AF}$

2. Volume Calculations for Other Uses:

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DEC 02 1995

H. REMARKS AND OVERLAP REVIEW ANALYSIS

RM Cabin Creek is marked differently on some maps and is locally known as the ^{southern} ~~western~~ branch as opposed instead of the ~~western~~ ^{southern} Northern branch. No amendment necessary.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	4/1	10/15	.12	24
Totals:			.12 cfs	24 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

J. AUTHENTICATION

Field Examiner's Name

Robert Knoblock

Signature

Robert Knoblock

Certification Date

Field Report Preparation Date

6/30/92

CONSULTANT SEAL

K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

MICROFILMED

DEC 02 1995



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

March 19, 1993

LONNIE E MERRIFIELD
DONNA M MERRIFIELD
RT 1 BOX 509
BONNERS FERRY ID 83805

RE: Permit No. 98-07621

Dear Water Right Holder:

Enclosed is a copy of your approved Application for Amendment submitted in connection with the above referenced permit.

If you have any questions concerning these documents, please feel free to contact our offices.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Jim Johnson', written over the printed name.

JIM JOHNSON
Water Rights Supervisor

JJ:cz

Enclosure

RECEIVED

MAY 24 1993

RECEIPT
For Monies Paid
to the
Idaho Department of Water Resource

Receipt No: N006256

Date: 1/27/1993
Time: 14:15:21

Received
From: CLIFTY VIEW NURSERY

Type of Payment	Program A cct	Amount
1 APP FOR AMDMT OF PMT 98-7621		
65105	229 21 1155	20.00

Total

CHECK 10770

\$20.00

Region: NORTHERN

Signature: _____

RECEIVED

MAY 24 1993

April 16, 1991

LONNIE E. MERRIFIELD
DONNA M. MERRIFIELD
RT. 1 BOX 509
BONNERS FERRY, ID 838050000

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 98-07621

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

If you have questions concerning this matter, please feel free to contact the NORTHERN Regional Office in Coeur D' Alene at (208)765-4639.

Sincerely,

Rita Fleck
Secretary/Records Manager

c: IDWR - Region

RECEIVED

AUG 09 1991

138061
January 31, 1991

LONNIE E. MERRIFIELD
DONNA M. MERRIFIELD
RT. 1 BOX 509
BONNERS FERRY, ID 838050000

PROOF DUE NOTICE

RE: PERMIT NO. 98-07621

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before April 1, 1991. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

SINCERELY,

Rita Fleck
Secretary/Records Manager

Enclosures

RECEIVED
FEB 1 1991

AUG 09 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
COMMENCEMENT OF WORKS

Permit No. 98-7621
Name(s) of Permit Holder(s): Donnie E. and Donna M. Penfield
Post Office Address: Rte. 1, Box 509
Donnera Ferry Idaho 83805 Tel. No. 267-7129

- ☐ I hereby certify that construction of diversion works for the above referenced permit began on June 20, 1986 (date). I understand that I must continue to develop the water system with due diligence to maintain a valid permit.
- ☐ I hereby certify that construction of diverting works on the above referenced project has not yet begun due to the following reason beyond my control*:

*Note: A financing difficulty is not an acceptable reason.

Aug 20 1986
Date

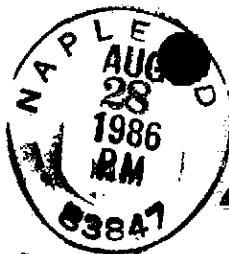
Donnie E. Penfield
Signature of Permit Holder

CLIFTY NURSERY

Route 1 Box 509

BONNERS FERRY, ID 83805

(208) 267-7129



RECEIVED

SEP 2 1988



RECEIVED

AUG 09 1991

IDAHO DEPARTMENT OF WATER RESOURCES

STATEHOUSE

BOISE, IDAHO 83720

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

- - - - -

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
APRIL 03, 1986

MERRIFIELD, LONNIE E. & DONNA M.
RT. 1 BOX 509
BONNERS FERRY, ID 83805

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 98-7621

DEAR PERMIT HOLDER:

ENCLOSED IS A COPY OF YOUR APPROVED APPLICATION FOR PERMIT. WE DIRECT YOUR ATTENTION TO THE CONDITIONS OF APPROVAL ON THE FOURTH PAGE.

PLEASE NOTE THE REQUIREMENT THAT AS A PERMIT HOLDER YOU MUST COMMENCE THE EXCAVATION OR CONSTRUCTION OF DIVERTING WORKS WITHIN ONE YEAR OF THE DATE THE PERMIT WAS ISSUED, AND YOU MUST PROCEED DILIGENTLY UNTIL THE PROJECT IS COMPLETED. THE ENCLOSED BLUE CARD MUST BE COMPLETED AND RETURNED TO THIS OFFICE AS SOON AS YOU COMMENCE CONSTRUCTION, NO LATER THAN ONE YEAR FROM THE DATE THE PERMIT WAS APPROVED.

WE HAVE ENCLOSED A FORM ENTITLED "INSTRUCTIONS FOR PROOF OF BENEFICIAL USE". PLEASE READ THE INSTRUCTIONS CAREFULLY SINCE YOU MUST TAKE FURTHER ACTION TO DEVELOP THIS PERMIT INTO A LICENSE.

SINCERELY,

DAVID R. TUTHILL, JR., P.E.
SUPERVISOR, WATER ALLOCATION SECTION

DRT: SC
ENCLOSURES

MICROFILMED



STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

NORTHERN REGION

A. Kenneth Dunn
Director

Suite No. 9
4055 Government Way
Coeur d'Alene, Idaho 83814
(208) 765-4639

March 11, 1986

Mr. and Mrs. Wayne Nishek
Rt. 1 Box 516
Bonners Ferry, Id. 83805

Re: 98-7621 & 98-7622

Dear Mr. and Mrs. Nishek:

Thank you for your letter expressing concern regarding the above-referenced water rights filed in the name of Lonnie E. & Donna M. Merrifield.

The waters that are the subject of the Merrifields' two applications are included in the adjudication of water rights on Cow Creek. A water district has been created for Cow Creek and, should the need arise to regulate the water, the water district can be activated to do so.

The Department can only entertain protests to water rights which are based any of the following criteria:

1. Will the proposed use reduce the quantity of water under existing water rights?
2. Is the proposed water supply insufficient for the purposes intended?
3. Is the application made in good faith or for delay or speculative purposes?
4. Has the applicant sufficient financial resources with which to complete the project?
5. Will the proposed use conflict with the local public interest?

Please notify us in writing by March 20, 1986, if you are protesting the Merrifields' two water right applications based on one or more of the above reasons. If we do not receive notice from you by then, we will assume you are not protesting the issuance of these permits.

If you have any questions, please do not hesitate to contact me at this office.

Sincerely,

ROBERT G. HAYNES, P.E.
Regional Supervisor

RGH/pms

MICROFILMED

NOTICE OF APPLICATION FOR WATER RIGHT

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

98-7621

**MERRIFIELD, LONNIE E. &/or
DONNA M.**

**RT. 1 BOX 509, BONNERS FERRY,
ID 83805**

**Source: UNNAMED STREAM trib. to
CABIN CREEK**

**Diversion Pt: SENWSE Sec 08 T 61N
R 02E**

Use: IRRIGATION (0.120 CFS)

Date Filed: 02/06/1986

**In: SENE NESE Sec 08 T 61N R 02E
FOR 8 ACRES.**

98-7622

**MERRIFIELD, LONNIE E. &/or
DONNA M.**

**RT. 1 BOX 509, BONNERS FERRY,
ID. 83805**

**Source: UNNAMED STREAM trib. to
CABIN CREEK**

**Diversion Pt: SWSWSE Sec 08 T 61N
R 02E**

Use: IRRIGATION (0.2 CFS)

Date Filed: 02/06/1986

**In: NENE NWNE SWNE Sec 08 T 61N
R 02E FOR 55 ACRES.**

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, 4055 Gov't. Way, Coeur d'Alene, Id. 83814 on or before MARCH 10, 1986.

KENN DUNN, Dir.

Published Feb. 20 & 27, 1986-#249



Wayne Nishek
Marjorie Nishek

ROUTE 1, BOX 516 • BONNERS FERRY, IDAHO 83805 • TELEPHONE (208) 267-7191

March 8, 1986

Director
Dept. of Water Resources
4055 Government Way
Coeur d'Alene, ID 83814

Re: Concern Regarding Applications for Water Rights
Filed by Lonnie Merrifield (98-7621 & 98-7622)

Dear Sir:

We wish to express our concern regarding the above referenced applications for water rights.

We have prior water rights on Cow Creek located below the source where Mr. Merrifield will be drawing water for irrigation purposes for his business, Clifty View Nursery.

Our business, Nishek Nursery, is entirely dependant on the water we draw under our water right. It is our concern that we continue to have adequate water available for the irrigation of our tree seedlings. We trust that water will be used by all concerned in such a manner that all water needs shall be met. If this is not possible, we request in advance that a method of regulation or control be available in order that our water right be protected.

Thank you for your cooperation on this matter.

RECEIVED

MAR 10 1986

Department of Water Resources
Northern District Office

Sincerely

Wayne and Marjorie Nishek

MICROFILMED

98-7621

HERRIFIELD, LONNIE E. &/or DONNA M.

RT. 1 BOX 509, BONNERS FERRY, ID 83805

Source: UNNAMED STREAM trib. to CABIN CREEK

Diversion Pt: SENNISE Sec 08 T 61N R 02E

Use: IRRIGATION (0.120 CFS)

Date Filed: 02/06/1986

In: SENE NESE Sec 08 T 61N R 02E FOR 8 ACRES

MICROFILMED