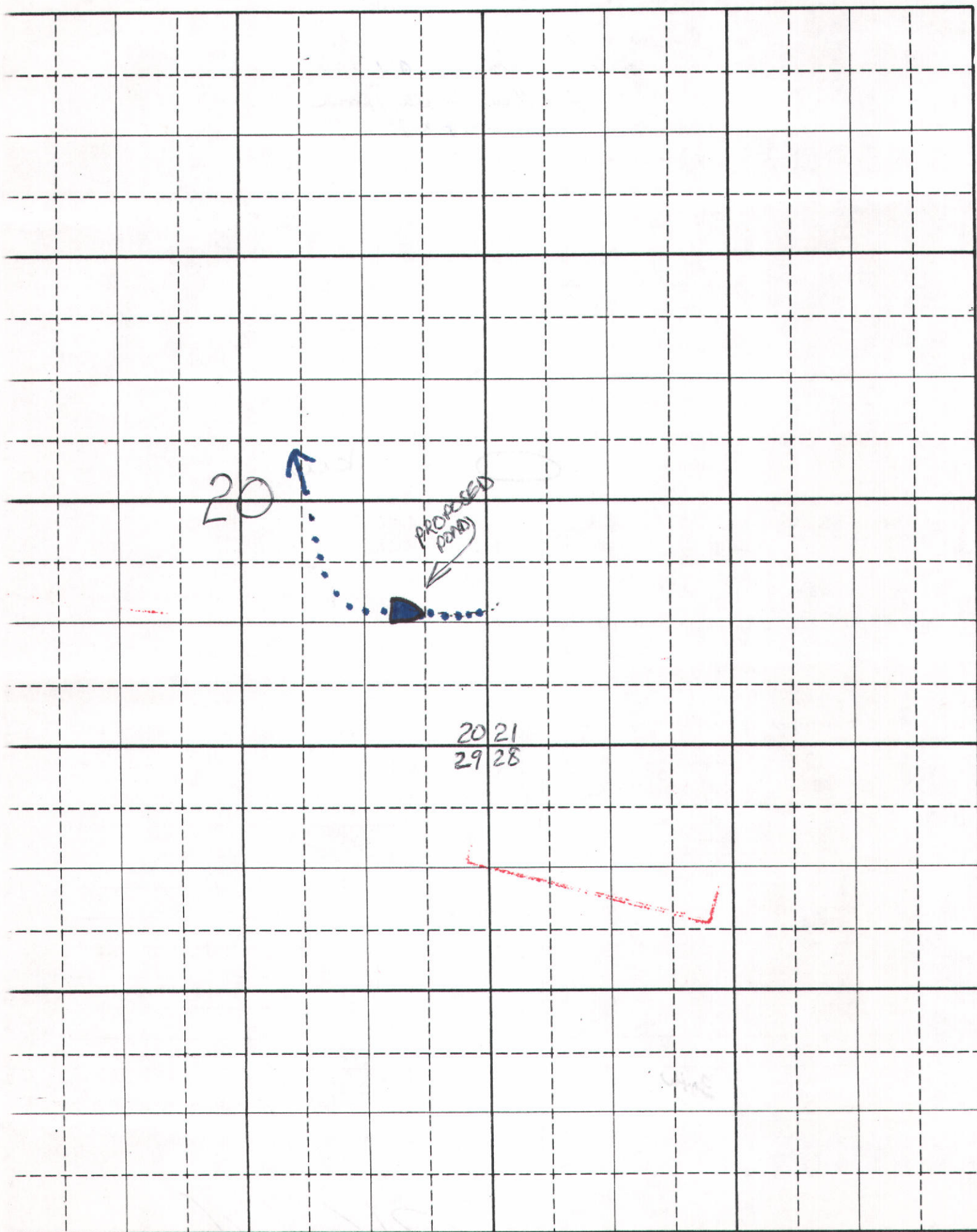


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale:  $\frac{1}{4}$  inches equal 1 mile

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.

N  
↑  
D

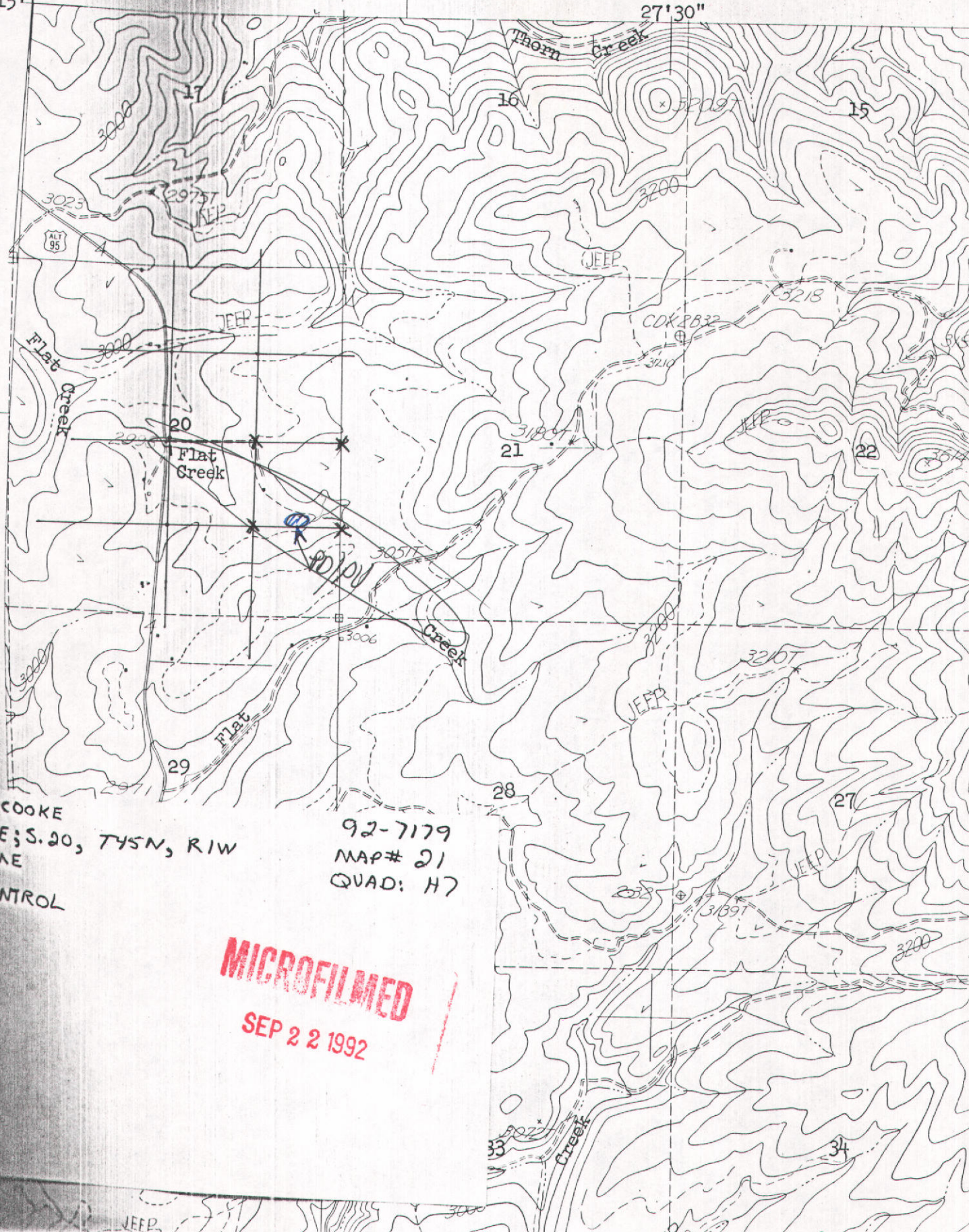
RECEIVED MICROFILMED

MAR 04 1988

Ray Lohr 8-20-87  
(Applicant)

$47^{\circ} \frac{116^{\circ} 30'}{15'}$ 

27'30"



92-7179  
MAP# 21  
QUAD: H7

**MICROFILMED**  
**SEP 22 1992**

State of Idaho  
Department of Water Resources

**WATER RIGHT LICENSE**  
WATER RIGHT NO. 92-07179

Priority: August 21, 1987

Maximum Diversion Rate:  
Maximum Diversion Volume:

0.01 CFS  
1.6 AF

This is to certify, that LARRY COOKE  
RT 4 BOX 85A

ST MARIES ID 838610000 has complied with the terms and conditions  
of the permit, issued pursuant to Application for Permit dated August 21, 1987; and  
has submitted Proof of Beneficial Use on April 28, 1988. An examination indicates  
that the works have a diversion capacity of .010 cfs of water from:

UNNAMED STREAM tributary to FLAT 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> |
|-------------------------|----------------------|--------------------------|----------------------|
| WILDLIFE STORAGE        | 01/01 to 12/31       |                          | 1.6 AF               |
| FIRE PROTECTION STORAGE | 01/01 to 12/31       |                          | 1.6 AF               |
| DIVERSION TO STORAGE    | 01/01 to 12/31       | 0.01 CFS                 |                      |
|                         | Totals               | 0.01 CFS                 | 1.6 AF               |

LOCATION OF POINT(S) OF DIVERSION:

NESE , Sec. 20, Township 45N, Range 01W  
BENEWAH County

PLACE OF USE: WILDLIFE STORAGE  
TWN RGE SEC

CONDITIONS/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 which 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.

MICROFILMED

SEP 22 1992

State of Idaho  
Department of Water Resources

**WATER RIGHT LICENSE**

WATER RIGHT NO. 92-07179

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 10<sup>th</sup>  
day of SEPTEMBER, 1992.

Acting for R. Keith Higginson, Director

RECEIVED

SEP 22 1992

Identification No. 92-7179

Application No. \_\_\_\_\_

STATE OF IDAHO  
DEPARTMENT OF WATER ADMINISTRATION

APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Idaho  
(TYPE OR PRINT IN INK)

APPROVED

1. Name of applicant LARRY COOKE (208) 245-2440 HOME  
post office address RT 4 BOX 85A STUBBINS (208) 245-2314 OFFICE

2. Source of water supply INTERMITTANT STREAM which is a tributary of FLAT CREEK

3. a. Location of point of diversion is NE  $\frac{1}{4}$  of SE  $\frac{1}{4}$  of Section 20 Township 45N  
Range 1 W B.M. BENEATH County; additional points of diversion if any: \_\_\_\_\_

b. If water is not consumed, it will be discharged into SAME STREAM at a point in NE  $\frac{1}{4}$   
of SE  $\frac{1}{4}$  of Section 20 Township 45N Range 1 W B.M. BENEATH CO.

4. Water will be used for the following purposes:  
Amount 3.0 for STORAGE FOR IF NEEDED purpose from JAN 1 to DEC 31 (both dates inclusive)  
Amount 2.5 for FIRE CONTROL purpose from JAN 1 to DEC 31 (both dates inclusive)  
Amount 3.0 for STORAGE FOR purpose from JAN 1 to DEC 31 (both dates inclusive)  
Amount 0.01 for DIVERSION TO purpose from JAN 1 to DEC 31 (both dates inclusive)

5. Total quantity to be appropriated:

a. 101 cubic feet per second and/or  
b. 2.5 3.0 acre feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. INTERMITTANT STREAM FLOWING  
2-3 GALLONS/MINUTE (AVE) INTO POND AND OUTLETING THROUGH  
SPILLWAY PER SOIL CONSERVATION SERVICE DESIGN.

b. Height of storage dam 4 feet, active reservoir capacity 2.5 acre feet; total reservoir  
capacity 2.5 acre feet, materials used in storage dam: HELMER SILT LOAM SOIL: EXCELLENT  
Period of year during which storage will occur JAN 1 to DEC 31 inclusive. FILL FOR DAM

c. Proposed well diameter is — inches; proposed depth of well is — feet.

7. a. Time required for the completion of the works and application of the water to the proposed beneficial use  
is 25 years. Allow 1 yr. - kw

b. Estimated construction cost is \$ 2,000.00.

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: NE  $\frac{1}{4}$  of SE  $\frac{1}{4}$  of Section 20 Township 45N  
Range 1 W B.M.

(2) Amount of power to be generated: — hp under — feet of head.

(3) List number of each kind of livestock to be watered —

(4) Name of municipality to be served —, or number of families to be  
supplied with domestic water —.

(5) If water is to be used for other purposes describe: FIRE CONTROL FOR MY 137  
ACRE TREE FARM AND AVAILABLE FOR FIRE PROTECTION FOR NEIGHBORS  
USFS, POTLATCH, IDL. SECONDARY USE: WILDLIFE

MAR 04 1988

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

NA

| TWP. | RANGE | SEC. | NE1/4 |       |       |       | NW1/4 |       |       |       | SW1/4 |       |       |       | SE1/4 |       |       |       | TOTALS |
|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
|      |       |      | NE1/4 | NW1/4 | SW1/4 | SE1/4 | NE1/4 | NW1/4 | SW1/4 | SE1/4 | NE1/4 | NW1/4 | SW1/4 | SE1/4 | NE1/4 | NW1/4 | SW1/4 | SE1/4 |        |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |

Total number of acres to be irrigated \_\_\_\_\_

c. Describe any other water rights used for the same purposes as described above. \_\_\_\_\_

9. a. Who owns the property at the point of diversion LARRY COOKE

b. Who owns the land to be irrigated or place of use LARRY COOKE

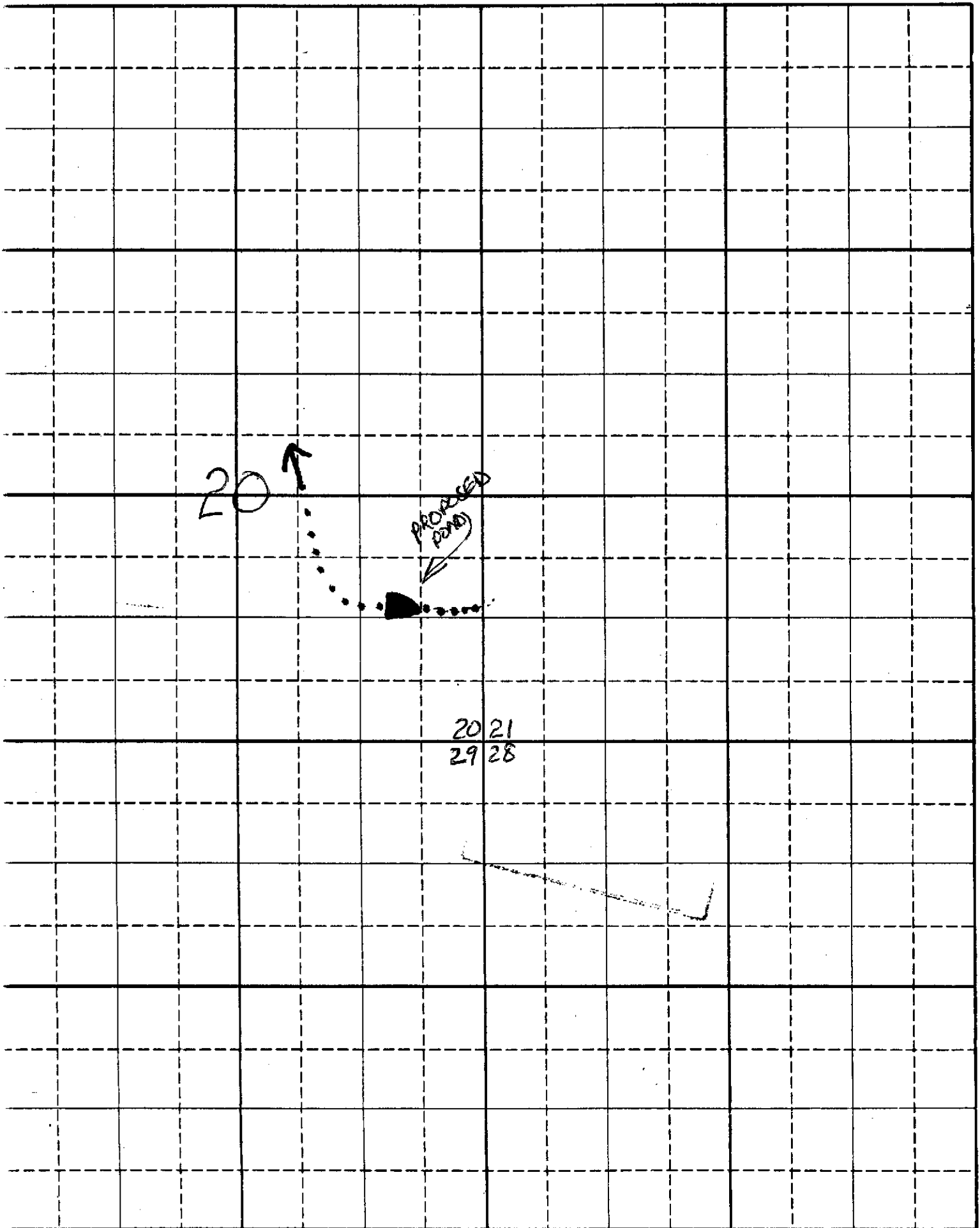
c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing \_\_\_\_\_

10. Remarks THIS IS A MODEL TREE FARM WITH OVER 30,000  
OF TIMBER STAND IMPROVEMENTS MADE THE LAST 2 YEARS.  
THIS IS AN PRE-COMMERCIAL IMPROVEMENTS. THE IDAHO  
DEPARTMENT OF LANDS ESTIMATES THERE IS OVER  
1,400 TONS OF THINNING SLASH OR FUELS (WHICH MEETS  
TSI SPECIFICATIONS) AND HIGHLY RECOMMENDS A BODY  
OF WATER AVAILABLE FOR INITIAL ATTACK IN THE  
EVENT OF A FIRE. THE POND IS ALSO AVAILABLE  
TO OTHERS IN THE AREA IF WATER IS NEEDED  
DURING AN EMERGENCY. THE POND HAS BEEN  
DESIGNED BY USDA - SCS ENGINEERS AND WILL  
MEET SPECIFICATIONS

MICROFILMED

MAR 04 1988

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



Scale: 4 inches equal 1 mile

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.

NOTED

*Ray Lohle* 8-20-87  
(Applicant)

MAR 04 1988

N

8/21/87  
Proposed Priority

Received by me Date 8/21/87 Time 2:00 PM  
Preliminary check by TK Fee \$ 30.00  
Received by me Date 8/24/87 (41681)  
Publication prepared by me Date 10/1/87  
Published in St. Marie Gazette Record  
Publication dates 10/7-14/87  
Publication approved me Date 10/26/87  
Priority reduced to        Reason       

Protests filed by: none

Copies of protests forwarded by       

Hearing held by        Date       

Recommended for approval denial by kw

#### ACTION OF THE DIRECTOR, DEPARTMENT OF WATER ADMINISTRATION

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 92-7179, and said application is hereby APPROVED.

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

- SUBJECT TO ALL PRIOR WATER RIGHTS.
- Proof of construction of works and application of water to beneficial use shall be submitted on or before December 1, 19 88.
- Other:

2. Denial of said application is for the following reasons:         
        
        
        
      

Witness my hand this 30th day of November, 19 87.

R. Keith Higgins  
Director

MICROFILMED  
MAR 04 1988

# Affidavit of Publication

STATE OF IDAHO  
County of Benewah, ss.

Cynthia Ann Hammes, being first duly sworn on oath, deposes and says that she is vice president of The Corporation, owner of the St. Maries Gazette Record, a weekly newspaper printed and published at St. Maries, Benewah County, State of Idaho; the St. Maries Gazette Record is a newspaper having general circulation in Benewah county, State of Idaho, and has been continuously and uninterruptedly published in Benewah County, State of Idaho, during a period of more than seventy-eight consecutive weeks prior to the first publication of the notice of advertisement hereon.

That the notice, of which the one hereto attached is a true copy, was published in said newspaper for a period of 2 issues, the first publication being on the 7 day of October, 1987 and the last on the 14 day of October, 1987.

That said newspaper was regularly distributed to its subscribers during the time of the same period; that said notice was published in the regular and entire issue of said paper.

Dated this 16th day of Oct., 1987.

Cynthia Ann Hammes

STATE OF IDAHO } ss.  
COUNTY OF BENEWAH }

On this 16th day of Oct. in the year 1987  
before me, a Notary Public, personally appeared Cynthia Ann Hammes known or identified to me to be the person whose name subscribed to the within instrument, and acknowledged to me that she executed the same.

Sharon D. Blackham  
Notary Public  
Residing at St. Maries, Idaho

## Notice of application filed for water rights

### NOTICE OF APPLICATION FOR WATER RIGHT

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

92-7179

Name: Larry Cooke  
Address: Rt. 4 Box 85A, St. Maries, Ida. 83861

Date Filed: August 21, 1987

Source: Unnamed Stream tributary to Flat Creek

Point of Diversion: NESE Sec 20 T 45N R 01W

Use: Wildlife Storage (3.0 AF); Fire Prot. Storage (3.0 AF); Diversion to Storage (0.010 CFS)

In: NESE Sec 20 T 45N R 01W  
92-7180

Name: Robert Kirts  
Address: Rt. 4 Box 116, St. Maries, Ida. 83861

Date Filed: September 28, 1987

Source: Spring tributary to Sinks; Unnamed Stream tributary to Sinks

Point of Diversion: NWNE Sec 32 T 44N R 01W

Use: Stockwater Storage (5.0 AF); Fire Prot. Storage (5.0 AF)

In: NWNE Sec 32 T 44N R 01W

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, 4053 Government Way, Suite 9, Coeur d'Alene, Idaho 83814 on or before October 26, 1987.

R. KEITH HIGGINSON, Dir.

No. 244 — Oct. 7-14.

MAR 04 1988

September 15, 1992

LARRY COOKE  
RT 4 BOX 85A  
ST MARIES ID 838610000

RE: WATER RIGHT NO. 92-07179

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit.

Sincerely,

PAMELA SKAGGS  
Water Resource Agent

PS:cz

Enclosure

SEP 16 1992  
10:00 AM  
ST MARIES ID

SEP 16 1992

August 18, 1992

LARRY COOKE  
RT 4 BOX 85A  
ST MARIES ID 838610000

RE: WATER RIGHT NO. 92-07179

Dear Water Right Holder(s):

Enclosed is a draft copy of the license proposed to be issued on the above referenced water right.

This right is currently being reviewed by this office for licensing. The enclosed preliminary copy is subject to change upon further administrative review.

We ask that you review the proposed license and if you do not concur with the information, please let us know within 10 days.

Sincerely,

PAMELA SKAGGS  
Water Resource Agent

PS:cz

Enclosure

RECEIVED  
AUG 23 1992  
WATER RESOURCES  
DIVISION  
IDAHO DEPARTMENT OF  
LAND

# LICENSE REVIEW CHECKLIST

Permit # 92-7179

Date 8-6-92  
28

|                        | <u>Yes</u>  | <u>No</u>     |                                                                                               |
|------------------------|-------------|---------------|-----------------------------------------------------------------------------------------------|
| NAME                   | <u>    </u> | <u>✓</u>      | Address Change?                                                                               |
| PRIORITY DATE          | <u>    </u> | <u>✓</u>      | Advance? <u>                    </u>                                                          |
|                        | <u>    </u> | <u>✓</u>      | Memo to Advance                                                                               |
|                        | <u>    </u> | <u>✓</u>      | Order to Reinstate Needed?                                                                    |
| TOTAL CFS              | <u>    </u> | <u>✓</u>      | Incorrect Fee for rate recommended?                                                           |
|                        | <u>NA</u>   | <u>    </u>   | Disagree with Actual Measurement?                                                             |
|                        |             |               | <u>.01 cfs (Div/STOR)</u>                                                                     |
|                        | <u>NA</u>   | <u>    </u>   | Disagree with Theoretical?                                                                    |
|                        | <u>    </u> | <u>✓</u>      | Limited by Capacity? <u>.01 cfs</u>                                                           |
| TOTAL VOLUME           |             |               | Rate/ac <u>    </u> AFA Irr. Season <u>    </u>                                               |
|                        |             |               | <u>    </u> Standard Irr. Season                                                              |
|                        |             |               | <u>    </u> Season Recommended                                                                |
|                        | <u>✓</u>    | <u>    </u>   | Disagree with Examiner's Calculations?                                                        |
|                        |             |               | <u><math>\pi (60')^2 \times 6' / 43560 = 1.55 \approx 1.6 \text{ af (WLF + FSTOR)}</math></u> |
|                        | <u>    </u> | <u>✓</u>      | Limited by Flow? <u>.01 x 365 x 1.4835 = 7.2 &gt; 1.6</u>                                     |
| SOURCE                 | <u>    </u> | <u>✓</u>      | Changes? Clarification of <u>Originally</u>                                                   |
|                        | <u>    </u> | <u>✓</u>      | <u>Intended</u> source                                                                        |
|                        | <u>    </u> | <u>✓</u>      | Notice of Intent to Void.                                                                     |
| P/D                    | <u>    </u> | <u>✓</u>      | Verify with Map                                                                               |
|                        | <u>    </u> | <u>✓</u>      | Amendment Needed?                                                                             |
|                        | <u>    </u> | <u>✓</u>      | Is Overlap Analysis a Consideration?                                                          |
| P/U                    | <u>    </u> | <u>✓</u>      | Verify with Map                                                                               |
|                        | <u>    </u> | <u>✓</u>      | Amendment Needed?                                                                             |
|                        | <u>    </u> | <u>✓</u>      | Is Overlap Analysis a Consideration?                                                          |
| USES                   | <u>    </u> | <u>✓</u>      | Change(s) in Nature of Use? <u>                    </u>                                       |
|                        | <u>    </u> | <u>✓</u>      | Amendment Needed? <u>                    </u>                                                 |
| REMARKS                | <u>    </u> | <u>✓</u>      | Multiple P/Ds in 1/4 1/4? <u>                    </u>                                         |
|                        | <u>    </u> | <u>✓</u>      | Non-Irr. Uses <u>                    </u>                                                     |
|                        | <u>    </u> | <u>✓</u>      | Special Overlap Condition <u>                    </u>                                         |
|                        | <u>    </u> | <u>✓</u>      | Other <u>                    </u>                                                             |
| CONDITIONS             | <u>    </u> | <u>✓</u>      | Measuring Device                                                                              |
|                        | <u>    </u> | <u>✓</u>      | W/Master Control                                                                              |
|                        | <u>    </u> | <u>✓</u>      | Overlap                                                                                       |
|                        | <u>    </u> | <u>✓</u>      | Water Quality                                                                                 |
|                        |             |               | DATES/MISC                                                                                    |
|                        |             |               | <u>    </u> <u>    </u> Water Dist.                                                           |
|                        |             |               | <u>    </u> <u>    </u> App Rec'd                                                             |
|                        |             |               | <u>    </u> <u>    </u> Exam Made                                                             |
| COMMENTS/MEMOS NEEDED: |             |               | <u>Reduced STORAGE</u>                                                                        |
|                        |             |               | <u>14 af = 120 yd Diameter / Assume 120' = D</u>                                              |
|                        |             |               | <u>Supports more accurately Dept. Land Measurement</u>                                        |
|                        |             |               | <u>+ F.E. recommendations.</u>                                                                |
| License                | <u>    </u> | <u>10-Day</u> | <u>✓</u> 15-Day <u>    </u> Special Correspondence <u>    </u>                                |



SENIOR AGENT REVIEW

RECEIVED  
JUN 27 1990

Check List  
for  
Beneficial Use Field Report

Department of Water Resources

Permit 92-7179

✓ A. GENERAL INFORMATION

- ✓ 1. Name and address are most current available. (Check BU statement)  
✓ 2. Exam Date  
✓ 3. Source (Check Permit)

✓ B. OVERLAP REVIEW

- ✓ 1. & 2. (Rule 5,1,4)

✓ C. SYSTEM DESCRIPTION

- ✓ 1. Diversion System Diagram (Rule 5,1,3 / 5,1,4)  
✓ 2. USGS (Rule 5,1,7 / 5,1,9) Aerial (Rule 5,1,17) *DESCRIBE DAM*  
✓ 3. Word Picture (Rule 5,1,3 / 5,1,4)  
✓ 4. Diversion (Rule 5,1,3)  
✓ 5. Compare with USGS Map, Land Survey Maps, Aerial Photos and Permit.  
✓ 6. Irrigation (Rule 5,1,8) — 1,2-2

✓ D. FLOW MEASUREMENTS Check math (Rule 5,1,13 / 5,1,14)

✓ E. FLOW CALCULATIONS Check math (Rule 5,1,13 / 5,1,14)

✓ F. OPTIONAL

✓ G. VOLUME CALCULATIONS

- Three significant figures and no more than 1/10's (Rule 6,1,2)  
Fish (Rule 5,1,11) number stock, homes, etc... (Rule 5,1,12)

✓ H. REMARKS AND OVERLAP ANALYSES

- ✓ All actual uses listed; all permitted uses not used, also listed; (Rule 5,1,2):  
✓ Overlaps (Rule 5,1,4):  
✓ Return flows (Rule 5,1,5):  
✓ Conditions (Rule 5,1,6).

✓ I. RECOMMENDATIONS

- ✓ 1. Municipal (Rule 5,1,10): Compare with items E & G, permit, fee, capacity  
(Rule 5,1,15): Measured flows for each use listed separately (Rule 5,1,14).  
Period of year (Rule 5,1,13)  
✓ 2. Compare permit to exam for amendments (Rule 5,1,16) *2.6-2*

✓ J. AUTHENTICATION

- ✓ Name, Signature, Certification Date, Exam Date.

✓ WELL INSPECTION REPORT

- ✓ Check with permit and well log for discrepancies

Signature SK King Date 8/24/89

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

RECEIVED  
JUN 27 1990

Department of Water Resources

**A. GENERAL INFORMATION**

Permit No. 92-7179

1. Owner: Larry Cooke Phone No. HOME 245-2440  
OFFICE 245-2314

Current Address: Rt 4 Box 85A St Maries ID 83861

2. Accompanied by: NO ONE EXAM. DATE: 7/13/89

Address:                      Phone No.                     

Relationship to Permit Holder:                     

3. Source: Unnamed stream tributary to Flat Cr.

**B. OVERLAP REVIEW**

1. Other water rights with same place of use: NONE

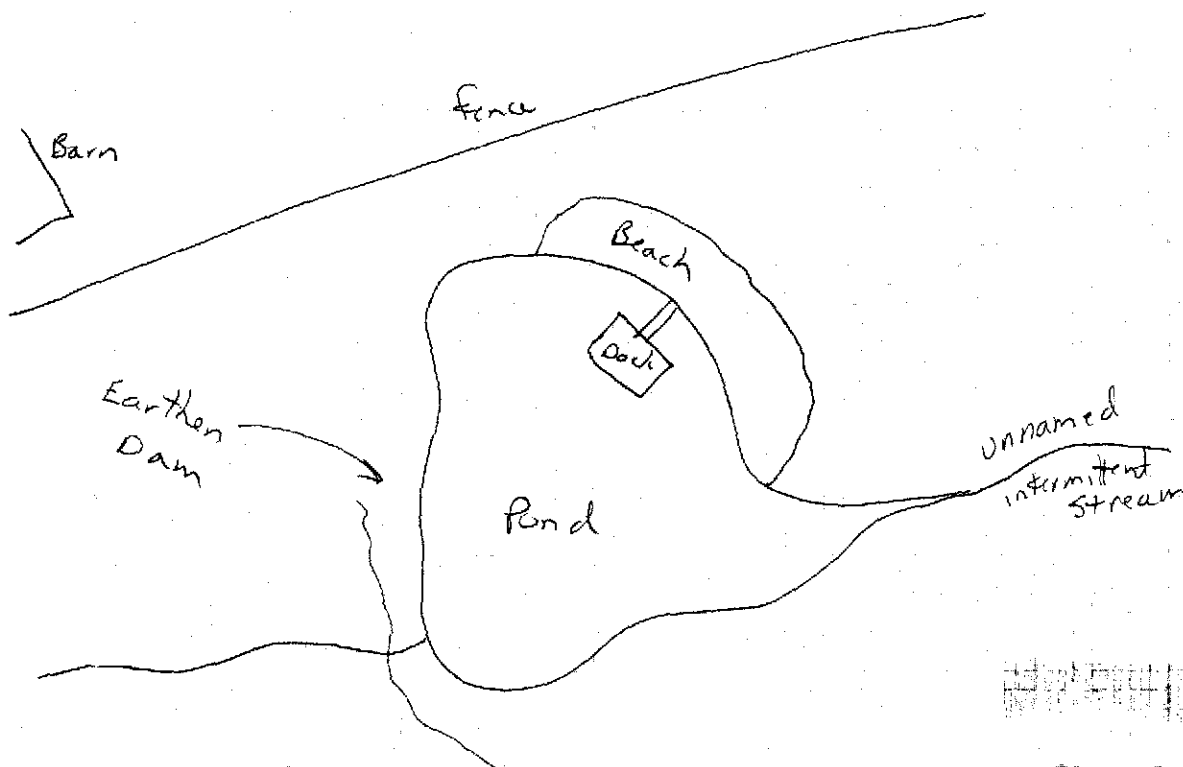
☐ Copies Attached

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



RECEIVED

SEP 28 1989

Scale: 1" = NTS

2. ☒ Copy of U.S.G.S. Quadrangle Attached ☐ Aerial Photo Attached  
Showing location(s) of point(s) of diversion and (required for irrigation of 10 acres or more).  
place(s) of use (required).  
☐ Photo of Diversion and System Attached PHOTO DID NOT DEVELOPE  
(required for all but single household domestic groundwater, and stockwater.

System Description (continued)

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

A dam in ~~the~~ stream bed to back up about 1.5 acres of water. The dam is earthen and is 8' in height.

☐ See Remarks on page 4 for continuation

| Well or Division Identification No.* | Motor Make | Hp | Motor Serial No. | Pump Make | Pump Serial No. or Discharge Size |
|--------------------------------------|------------|----|------------------|-----------|-----------------------------------|
|                                      | NONE       |    |                  |           |                                   |
|                                      |            |    |                  |           |                                   |
|                                      |            |    |                  |           |                                   |
|                                      |            |    |                  |           |                                   |

\*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 |
|------------|------------|-----|------|-----|------|------|------|---------|---------------------------------|
|            |            |     | N/SE | 20  | 45N  | 1W   |      | Benewah | map                             |
|            |            |     |      |     |      |      |      |         |                                 |
|            |            |     |      |     |      |      |      |         |                                 |
|            |            |     |      |     |      |      |      |         |                                 |

6. Place(s) of Use:

Indicate Method of Determination map

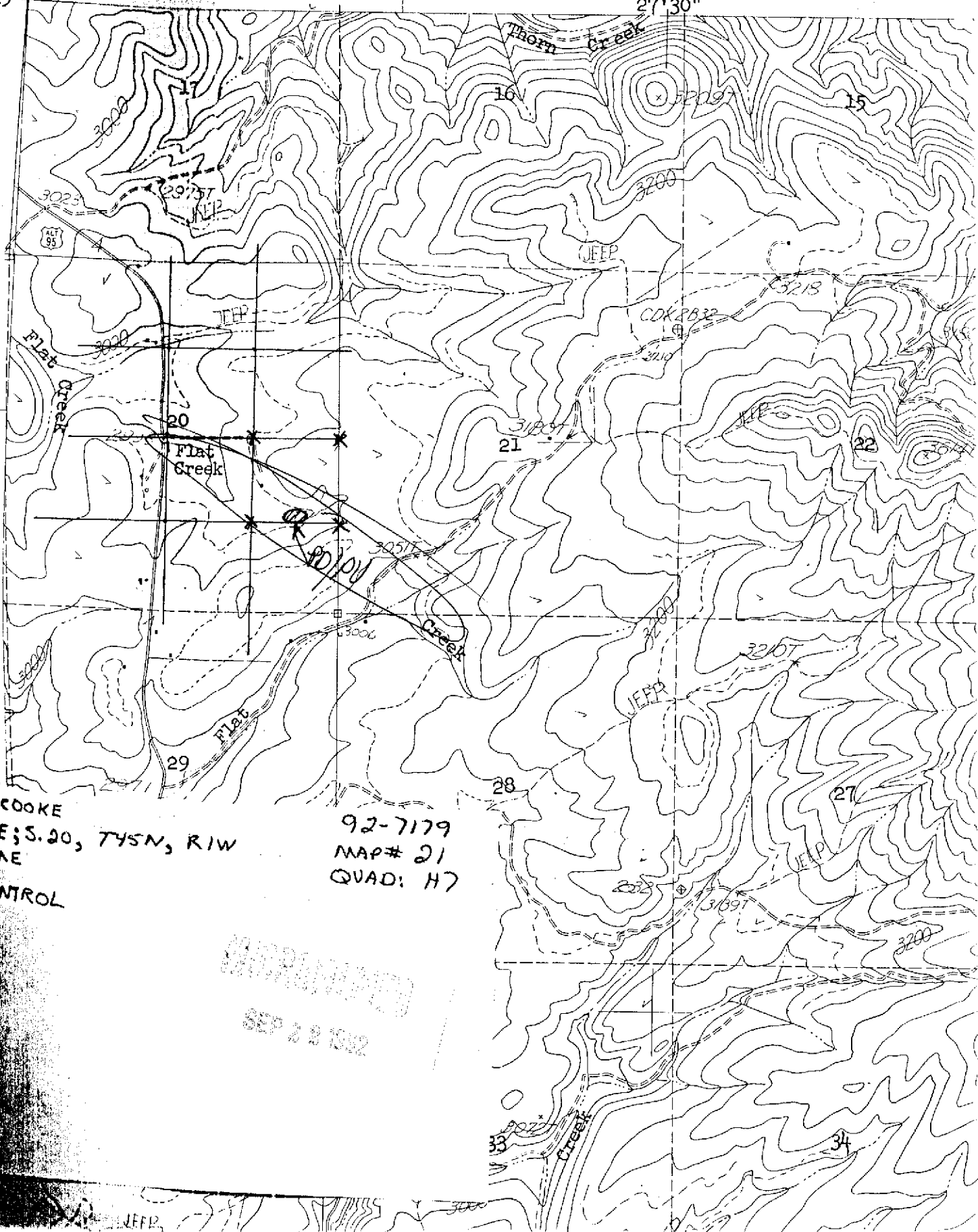
| Twp. | Rge. | Sec. | NE 1/4 | NE 1/4 SW 1/4 | SE 1/4 SW 1/4 | NE 1/4 SW 1/4 | SE 1/4 SW 1/4 | NE 1/4 SW 1/4 | SE 1/4 SW 1/4 | NE 1/4 SW 1/4 | SE 1/4 SW 1/4 | NE 1/4 SW 1/4 | SE 1/4 SW 1/4 | NE 1/4 SW 1/4 | SE 1/4 SW 1/4 | Totals |
|------|------|------|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------|
| 45N  | 1W   | 20   |        |               |               |               |               |               |               |               |               |               |               |               | SF            |        |
|      |      |      |        |               |               |               |               |               |               |               |               |               |               |               |               |        |
|      |      |      |        |               |               |               |               |               |               |               |               |               |               |               |               |        |
|      |      |      |        |               |               |               |               |               |               |               |               |               |               |               |               |        |
|      |      |      |        |               |               |               |               |               |               |               |               |               |               |               |               |        |
|      |      |      |        |               |               |               |               |               |               |               |               |               |               |               |               |        |
|      |      |      |        |               |               |               |               |               |               |               |               |               |               |               |               |        |
|      |      |      |        |               |               |               |               |               |               |               |               |               |               |               |               |        |
|      |      |      |        |               |               |               |               |               |               |               |               |               |               |               |               |        |
|      |      |      |        |               |               |               |               |               |               |               |               |               |               |               |               |        |
|      |      |      |        |               |               |               |               |               |               |               |               |               |               |               |               |        |

Do not use this space

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

116°30'  
47°15'

27°30"



LARRY COOKE  
TO NESE; S. 20, T45N, R1W  
BY SAME  
FIRE CONTROL

92-7179  
MAP# 21  
QUAD: H7

UNRECORDED  
SEP 23 1962

Do not use this space

# D. FLOW MEASUREMENTS

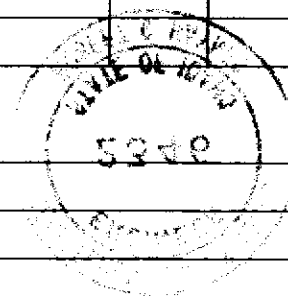
NONE

☐ Additional Data Sheets Attached

1.

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

2. Measurements:



# E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

# 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:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\quad N/A \quad}$

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

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\quad N/A \quad}$

2. Volume Calculations for Other Uses:

1.4 aF

Arlo Slack Fire warden  
Idaho Dept of lands  
St. marica Id 83861  
245-4551

check

120yds in diameter  
 $R = 57.3ft$   
 $A = \pi r^2 = (57.3)^2 3.14$   
 $=$   
 $GA = V = 61,888.5 ft^3$   
 $V = 1.42 aF$

G = average depth

# H. REMARKS AND OVERLAP REVIEW ANALYSIS

NONE

FILM DID NOT DEVELOPE

## I. RECOMMENDATIONS

### 1. Recommended Amounts

| Beneficial Use              | Period of Use<br>From To | Rate of Diversion<br>Q (cfs) | Annual Volume<br>V (afa) |
|-----------------------------|--------------------------|------------------------------|--------------------------|
| Storage for fire protection | 1/1 12/31                |                              | 1,440                    |

Totals:

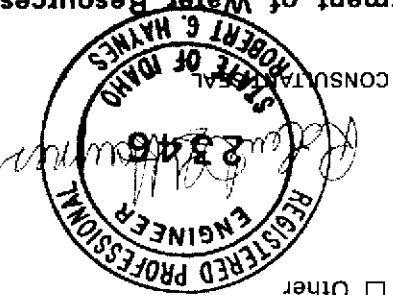
### 2. Recommended Amendments

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

## J. AUTHENTICATION

Field Examiner's Name Louis Sukoraty  
 Signature [Signature]  
 Certification Date 2/17/89  
 Field Report Preparation Date 7/14/89

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





State of Idaho

## DEPARTMENT OF WATER RESOURCES

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

CECIL D. ANDRUS  
Governor

R. KEITH HIGGINSON  
Director

June 8, 1988

Larry Cooke  
Rt. 4 Box 85A  
St. Maries, Id 83861

RE: 92-7179

Dear Sir:

We acknowledge receipt of your statement of completion of water development use for the above-referenced permit.

Before a license can be issued, a field examination must be made by a representative of this Department. We do not know at this time when he will be able to conduct the examination; however, the examiner will try to contact you at the time he makes the examination so that you may show him the system. If you will not be available to show the system, please provide this office with the name and address of someone who will be able to do so. Your permit will remain valid until the examination is made.

If you have any questions concerning the field examination, please contact this office. Please be sure to use the above-referenced permit number in all future correspondence concerning this examination.

Sincerely,

/s/  
TOM D. KING  
Senior Water Resource Agent

TDK/pms

RECEIVED  
JUL 27 1988

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 92-7179

Date: 5-18-1988

General Considerations:

Y Name same as permit  
Y Signature the same as permit holder  
N Address change \_\_\_\_\_ If yes, prepare a data entry  
Y Proof received timely  
\_\_\_\_\_ Reinstated

Source of Water:

Y Surface water  
N/A Groundwater  
\_\_\_\_\_ 1. well log in file  
\_\_\_\_\_ 2. drilling permit  
\_\_\_\_\_ A. amount of drilling fee paid for proposed uses

Extent of Use and Rate of Diversion:

Y Rate of diversion appropriate for uses  
Y Is rate or volume and fee appropriate?  
Y Has permit holder indicated when water was first put to a beneficial use?

Measuring Device:

N/A Is a measuring device or access port required?  
N/A Has one been installed?  
N/A Waiver or modification of measuring device requested

Remarks:

*Proof acceptable*

N/A

Priority Calculation:

|                     |       |         |
|---------------------|-------|---------|
| Date proof received | _____ | _____   |
| Date proof due      | _____ | + _____ |
| No. of days late    | _____ | = _____ |
| Priority date       | _____ | + _____ |
| NEW PRIORITY DATE   | _____ | = _____ |

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

RECEIVED

APR 28 1988

no # encl. *QZ* STATE OF IDAHO  
Department of Water Resources  
DEPARTMENT OF WATER RESOURCES

For Office Use Only  
Fee Received \_\_\_\_\_  
Date \_\_\_\_\_  
Receipt # \_\_\_\_\_  
Receipt by \_\_\_\_\_  
Reviewed by \_\_\_\_\_  
Sent to region \_\_\_\_\_

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has 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. 92-7179 8-24-87

Name(s) of Permit Holder: LARRY COOKE

Post Office Address: RT 4 BOX 85A

ST MARIES ID 83861 Telephone No. 208 245-2314

Source of Water: TRIG, TO FLAT CREEK NE 1/4 SE 1/4 SEC 20 T45N 1W BM

Extent of Use:

Domestic \_\_\_\_\_ (number of households) Stockwater \_\_\_\_\_ (number and type of stock)

Irrigation \_\_\_\_\_ (acres) Other/Remark FIRE CONTROL AND

USE ALL YEAR WILDLIFE

Total rate and/or volume for which proof is submitted .01 cfs 3.0 1.4 acre-feet

Show the date water was first diverted and beneficially used under this permit: SEPT 1987 STARTED  
COMPLETED SEEDING 4-23-88

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

Fee enclosed \$ 0  
(See License Examination Fee Schedule)

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

ARLO SLACK FIRE WARDEN  
IDAHO DEPT. OF LANDS  
ST MARIES ID 83861 245-4551

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

LARRY COOKE 208 245-2314  
(Name) (Telephone Number)

RT 4 BOX 85A ST MARIES ID 83861  
(Address)

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

Microfilm

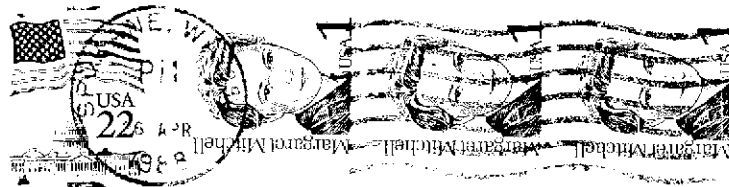
JUL 27 1988

4-26-88

Date \_\_\_\_\_ Signature of Permit Holder (and title, if appropriate) Trel Farn

Notarized 4-26-88 Levene J. Tester, Residence: St. Maries, Conn. 848 11-6-82

 Larry and Margie Cooke  
Route 4 Box 35 A  
St. Maries, Idaho 83861



GARY SPACKMAN  
DEPT OF WATER RESOURCES  
STATE CAPITOL  
BOISE, ID

83720

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

- - - - -

STATEHOUSE  
BOISE, IDAHO 83720  
(208) 334-4440  
DECEMBER 04, 1987

COOKE, LARRY  
RT. 4 BOX 85A  
ST. MARIES, ID 83861

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 92-7179

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.

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. ALSO ENCLOSED FOR YOUR CONVENIENCE IS THE STATEMENT OF BENEFICIAL USE FORM THAT MUST BE SUBMITTED WHEN YOUR PROJECT IS COMPLETED.

SINCERELY,

GARY SPACKMAN  
SUPERVISOR, WATER ALLOCATION SECTION

GS: SC  
ENCLOSURES

MICROFILMED

MAR 04 1988

State of Idaho  
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: E

APPLICATION NUMBER: 92-7179

CHECK:

- ☒ Source.  
☒ Point of diversion.  
☒ County.  
☒ Quantity of water and period of use.  
☒ Description of diverting works.  
☒ Time required for beneficial use of water.  
☒ Place of use or acres irrigated.  
☒ Map.  
☒ Signature.  
☒ Fee.  
☐ Yes ☒ No Field check required.  
☐ Yes ☒ No Critical groundwater area.  
☐ Yes ☒ No Request dam safety information. Sent by: \_\_\_\_\_ Date: \_\_\_\_\_  
☒ Yes ☐ No\* In form to receipt.

Field check by: \_\_\_\_\_

Date: \_\_\_\_\_

Comments: \_\_\_\_\_

\*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: \_\_\_\_\_

SEND COPIES TO:

- ☐ Idaho State Health Department.  
☐ Idaho Fish and Game Department.  
☐ Idaho Department of Lands.  
☐ U.S. Bureau of Land Management.  
☐ U.S. Forest Service.  
☐ Other \_\_\_\_\_

Copies sent by: \_\_\_\_\_ Date: \_\_\_\_\_

PROCESSING:

- ☐ Yes ☐ No Platted by: \_\_\_\_\_ Map No. \_\_\_\_\_  
☐ Yes ☐ No Other rights on same place of use. \_\_\_\_\_  
☒ Yes ☐ No\* In form for advertising.  
Final date for protests: 10/20/87  
☐ Yes ☒ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 10/19/87  
☒ Application published correctly. If not, record action taken: \_\_\_\_\_  
☒ Fee amount, receipt date & number, recorded on application.  
☒ Publication dates and paper, recorded on application.  
☒ Protests, dates, withdrawal, etc., recorded on application.  
☒ Recommendation & initial, recorded on application.  
☐ Yes ☒ No Measuring device required.  
☐ Yes ☒ No Access port required.  
☐ Yes ☒ No Will water be delivered by watermaster? If yes, what district? \_\_\_\_\_  
☒ 8/21/87 Date of priority recommended.  
Special conditions of approval or cover letter. \_\_\_\_\_

By: RJA  
STATE OFFICE REVIEW:

Date: 11/3/87

- ☐ See attached sheet for more information.

By: kw

Date: 11/23/87

RECEIVED

NOV 05 1987

Department of Water Resources

92-7179

COOKE, LARRY

RT. 4 BOX 83A, ST. MARIES, ID 83861

Source: UNNAMED STREAM trib. to FLAT CREEK

Diversion Pt: NESE Sec 20 T 45N R 01W

|                       |             |
|-----------------------|-------------|
| Use: WILDLIFE STORAGE | (3.0 AF)    |
| FIRE PROT. STORAGE    | (3.0 AF)    |
| DIVERSION TO STORAGE  | (0.010 CFS) |

Date Filed: 08/21/1987

In: NESE Sec 20 T 45N R 01W

INDEXED

MAR 04 1988

August 24, 1987

Mr. Larry Cooke  
Rt. 4 Box 85A  
St. Maries, Id. 83861

Dear Mr. Cooke:

I have enclosed your Receipt No. 41681 in the amount of \$30.00 for your Application for Permit to appropriate water for wildlife and fire protection.

The application will normally be approved and a permit issued if the following criteria are met:

1. If the proposed use does not reduce the quantity of water under existing water rights.
2. If the proposed water supply is sufficient for the purpose intended.
3. If the application is made in good faith and not for delay or speculation.
4. If the applicant has sufficient financial resources with which to complete the project.
5. If the proposed use does not conflict with the local public interest.

If you have any questions, please contact me at this office.

Sincerely,

TOM D. KING  
Senior Water Resource Agent

TDK/pms

Enc. - Receipt

**MICROFILMED**

MAR 04 1988

COPY

820-87

Dept of Water Resources

Please find enclosed application of Permit  
and \$30.00 fee.

The proposed pond has to be constructed  
in early September due to seasonal drying  
of the creek bed. The stream normally  
resumes flow in late September which  
preclude pond construction. The pond is  
recommended by the IDW and will  
be cost shared by the ASCS. The  
local ASCS requires proof that the  
application has been filed and assurance  
or reasonable assurance that the application  
will be accepted and permit issued.

The County Committee will be meeting  
Thurs. Aug. 27 1987. Could you <sup>by 8-26-87</sup>  
please have a letter to me confirming  
receipt of application and pending acceptance  
so I can present it to the committee  
so cost share funds can be set aside  
~~set~~ and allow me to start construction?

Sincerely

Larry Cooke

RES.: RT. 4, BOX 85A  
ST. MARIES, ID 83861  
PHONE: (208) 245-2440



OFFICE: (208) 245-2314

LARRY COOKE  
DISTRICT CONSERVATIONIST

SOIL CONSERVATION SERVICE  
U.S. DEPARTMENT OF AGRICULTURE  
SERVING BENEWAH S&WCD  
ROOM G-33, FEDERAL BUILDING  
P.O. BOX 406, ST. MARIES, IDAHO 83861

MAR 04 1988

FILED

1988