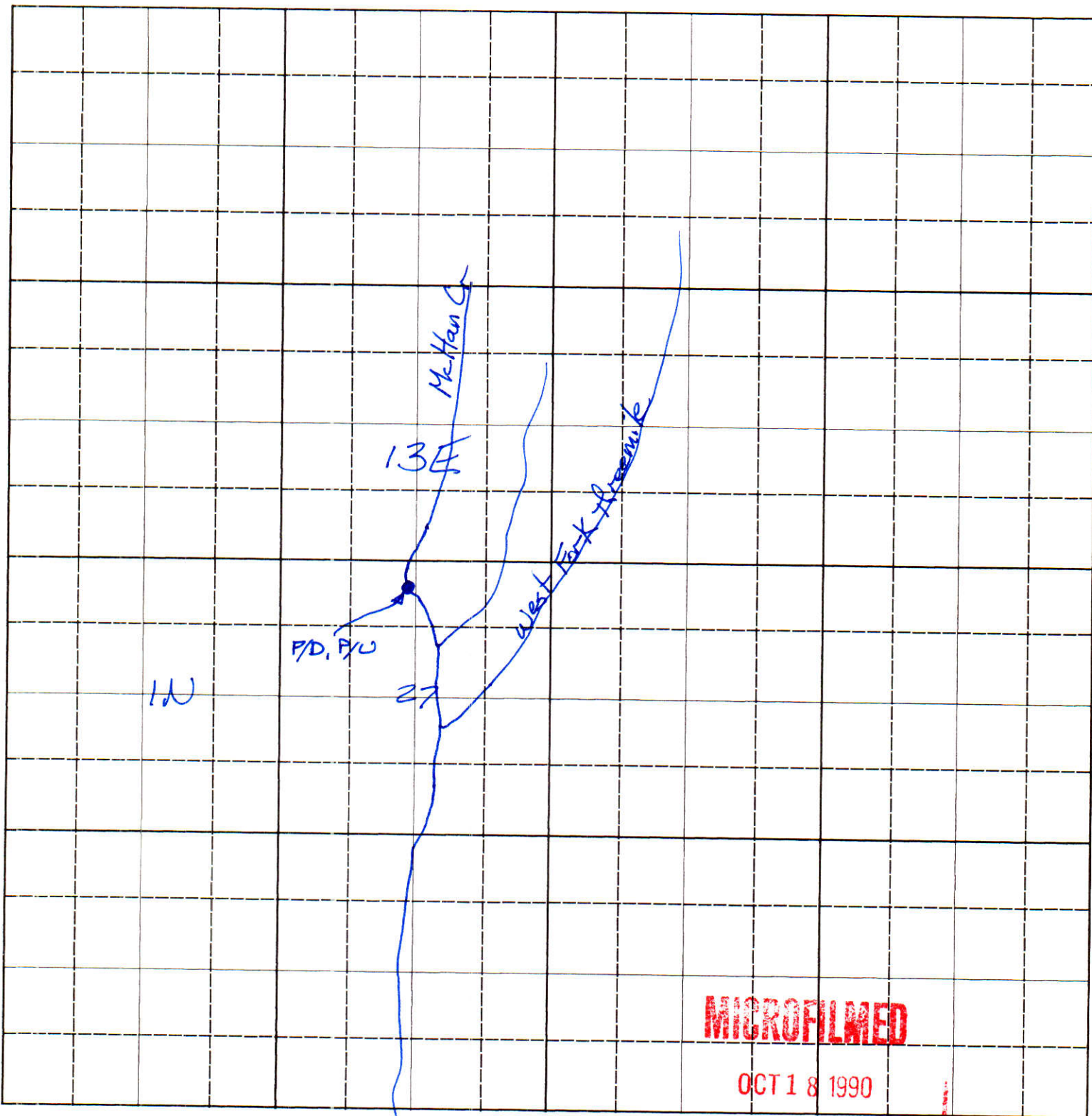


13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

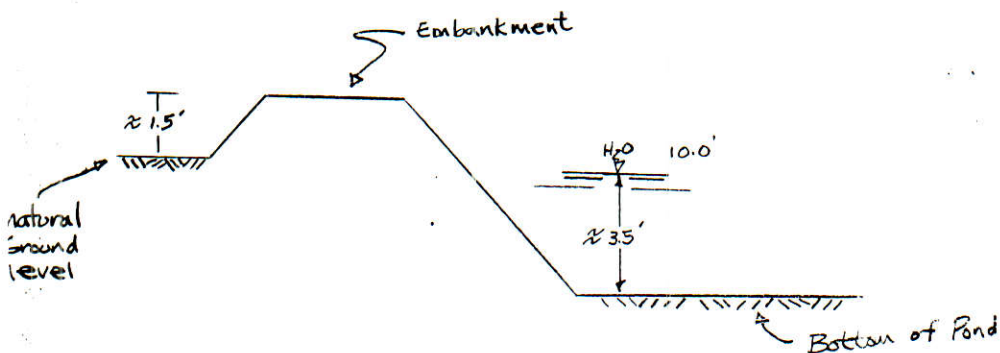
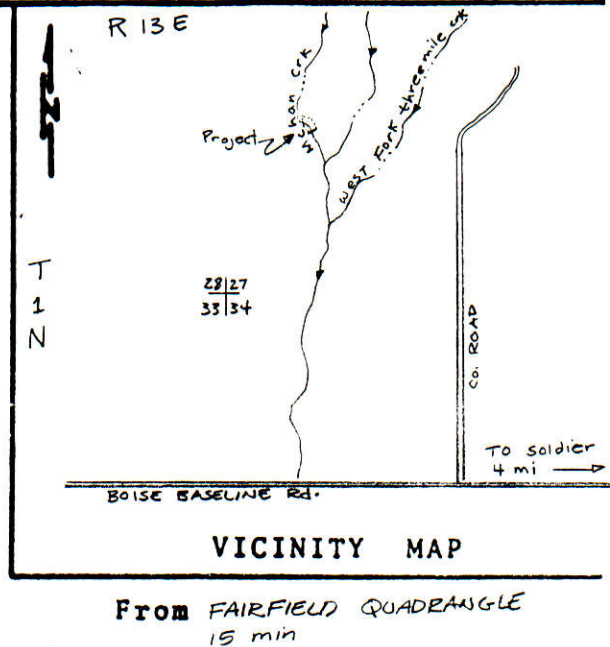
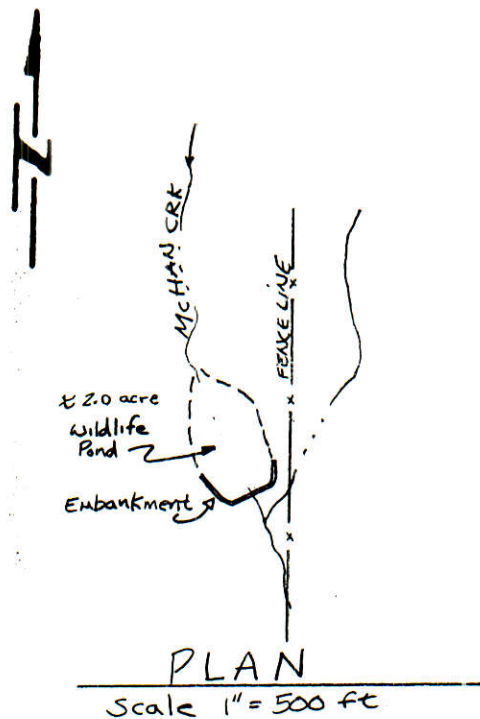
BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

John R. Moline  
(Applicant)

RECEIVED

JUL - 9 1990

Department of Water Resources  
Southern Region Office



MICROFILMED

DATUM PLANE: IF NOT NGVD 1929, SPECIFY

- a. HIGH WATER Apparent H.W. from
- b. LOW WATER Design Survey

John Moline  
Wildlife Habitat/Pond

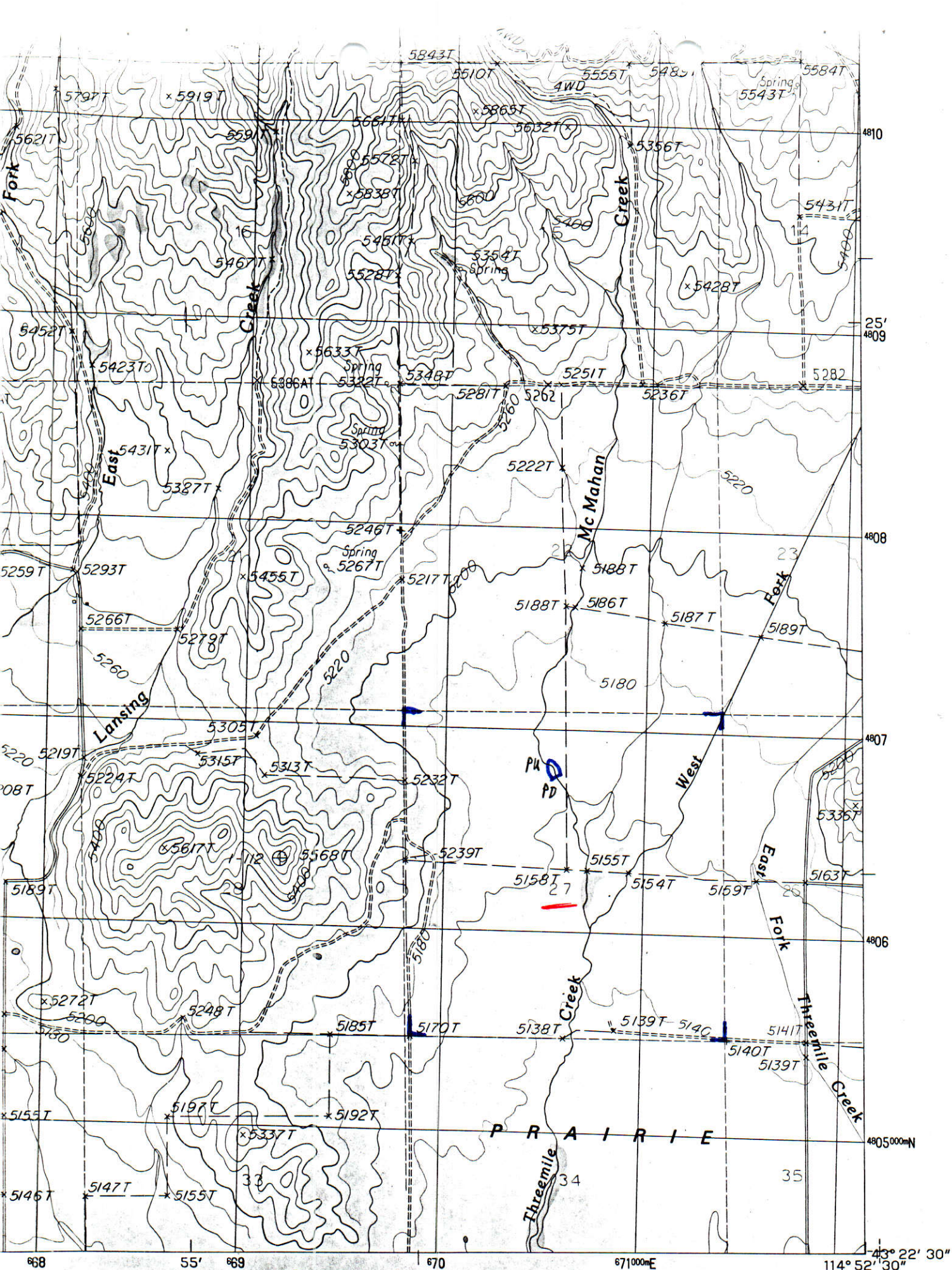
IN  
IN/NEAR 4 mi west, Soldier

COUNTY, CAMAS

DATE: 7/5/90 SHEET 1 OF  
APPLICATION BY:

John Moline 37-08648





37-08648 T 14 R 13E S 27



Dam Looking West-East



Reservoir Looking North-South



Dam Outlet



Spillway Looking Upstream

37-8648 10-7-96  
JES

ID-ECS-001  
8/89

313D 3/

R13E

8.13

Note Pond length  
was shortened  $\pm 100'$   
Deep water section  
O.K.

T  
I  
N

9.13

9.79  
1.82

7.29

7.41

7.58

6.29

6.5

9.35

Deep water  
Section (35')

8.15

5.56

9.4

8.26

7.4

5.27 4.86

6.49

9.69

Principle  
Spillway

Reference Elevation = 6.67

TBM (Top of stake)

8.3

DIKE

4.9

4.69

3.2

6.67

8.8

inlet  
channel

level  
section

Emergency  
Spillway

Exit channel

Mechan  
creek

Berms installed  
along edges of  
emergency spillway

It is the responsibility of the owner to locate and maintain the spillway and emergency spillway in accordance with the design.

**AS BUILT**

Scale 2" = 100 ft

AS CONSTRUCTED  
NOTES IN RED

**PLAN**

Note: All construction shall  
be in accordance with  
ID-378 & 644 specifications  
and plans.

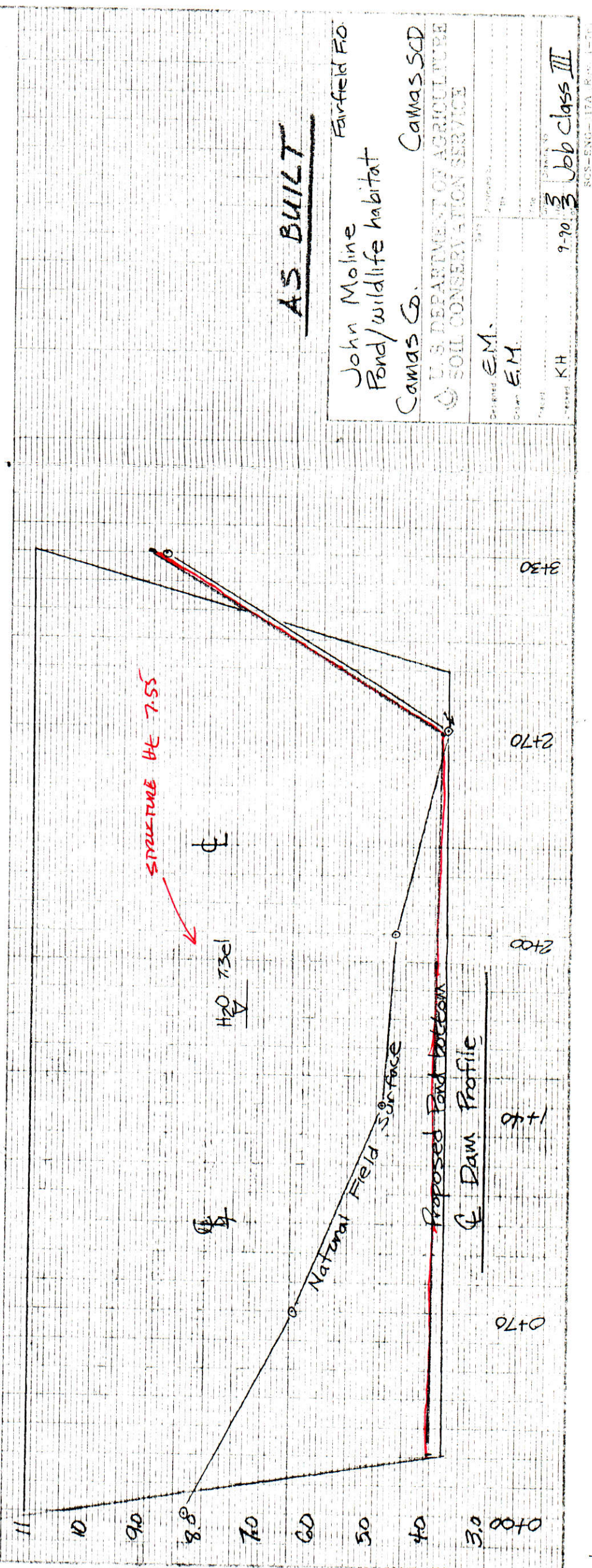
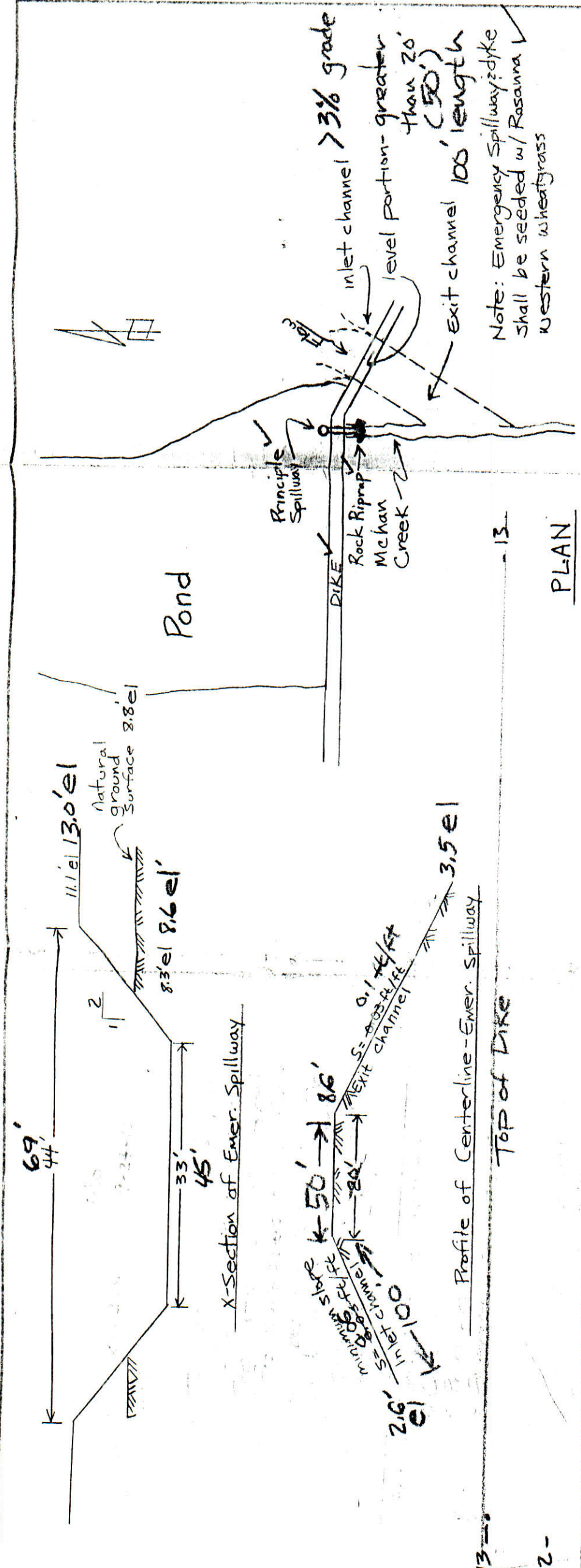
CIN # 5

I have reviewed the plans and specifications  
and agree to construct this project to the  
best of my ability in accordance with them.  
*John R. Moline* Date: 10/17/90

|                                                              |      |                                |                                                           |
|--------------------------------------------------------------|------|--------------------------------|-----------------------------------------------------------|
| John Moline<br>Pond/wildlife habitat<br>Camas Co.            |      | Fairfield Fo<br>Camas SCD      |                                                           |
| U. S. DEPARTMENT OF AGRICULTURE<br>SOIL CONSERVATION SERVICE |      |                                |                                                           |
| Designed <i>EM</i>                                           | Date | Approved by <i>Ken Haskins</i> | Sheet No. <i>7-70</i><br>of <i>3</i> Job Class <i>III</i> |
| Drawn <i>EM</i>                                              |      | Title <i>Civil Engineer</i>    |                                                           |
| Traced                                                       |      | Title                          |                                                           |
| Checked <i>KH</i>                                            |      |                                |                                                           |



for 24' bridge  
12-12-11  
11-11-11  
12-12-11  
12-12-11  
12-12-11



RECEIVED

AUG 01 1995

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

Department of Water Resources  
Southern Region

PROOF OF BENEFICIAL USE

RECEIVED

AUG 02 1995

The Idaho Department of Water Resources considers this form 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, when necessary, or be accompanied by a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 37-08648 Telephone No. (208) 934-8280

2. Name(s) of Permit Holder(s): JOHN R. MOLINE

3. Mailing Address: P.O. Box 222, GOODING, IDAHO 83330

4. Source of Water: MEHAN CREEK If GROUNDWATER (well), Date Drilled: mo. \_\_\_ / yr. \_\_\_

a. Well Driller: N/A Drilling Permit Number: \_\_\_ - \_\_\_ - \_\_\_

b. **OPTIONAL:**  
Pump Horsepower: N/A Pressure (psi): \_\_\_ Dynamic pumping level (ft): \_\_\_

5. Use(s) (as authorized by the water right permit):

Domestic (No. of households): N/A Stockwater (No. and type of stock): 120 BEEF CATTLE

Irrigation (No. of acres): N/A Other: LEASED TO ASCS, SCS, IDFG, WILD LIFE SERVICE

6. Total rate of diversion and/or volume for which proof is submitted: \_\_\_ cfs OR 4.0 acre feet

7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)  
(This question is **not optional**. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)

Measuring Device: Is a measuring device required? N/A Yes \_\_\_ or No \_\_\_  
Has the measuring device been installed? Yes \_\_\_ or No \_\_\_

Flow Measurement Port: Is a flow measurement port required? N/A Yes \_\_\_ or No \_\_\_  
Has the measurement port been installed? Yes \_\_\_ or No \_\_\_

8. Fee Enclosed: \$ 50.00 (See Fee Schedule on back of the instructions for filing proof of beneficial use)

9. Person to contact to accompany the Department representative during field examination of the water system.

Name: JOHN R. MOLINE Telephone Number: (208) 934-8280

Address: P.O. Box 222, GOODING, IDAHO 83330

10. The information given on this form 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.

Signature of permit holder: John R. Moline  
(include your title, if on behalf of company or organization)

Date: 8-1-95

AUG 08 1995

State of Idaho  
Department of Water Resources  
**Permit To Appropriate Water**

NO. 37-08648

Proposed Priority: July 3, 1990

Maximum Storage Volume:

4.0 AF

This is to certify, that LLOYD C. MOLINE  
JOHN R. MOLINE  
P.O. BOX 222  
GOODING, ID 83330

has applied for a permit to appropriate water from:

MC HAN CREEK

tributary of THREE MILE CREEK, WEST FORK

and a permit is APPROVED for development of water as follows:

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>RATE OF DIVERSION</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|--------------------------|----------------------|
| STOCKWATER STORAGE    | 01/01 to 12/31       |                          | 2.6 AF               |
| WILDLIFE STORAGE      | 01/01 to 12/31       |                          | 4.0 AF               |
|                       | Totals               |                          | 4.0 AF               |

LOCATION OF POINT(S) OF DIVERSION:

NENW Sec. 27, Township 01N, Range 13E  
CAMAS County

PLACE OF USE: STOCKWATER STORAGE

TWN RGE SEC

01N 13E 27

NENW

PLACE OF USE: WILDLIFE STORAGE, same as STOCKWATER STORAGE use

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before September 1, 1995.
2. Subject to all prior water rights.
3. A lockable device, subject to the approval of the Department, shall be installed on the diverting works in a manner that will provide the watermaster suitable control of the diversion prior to diversion of water under this permit.
4. Use of water under this permit is subject to control by the watermaster of State Water District No. 37.
5. 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.
6. Stockwater use is for 120 cattle.

**MICROFILMED**

OCT 18 1990

State of Idaho  
Department of Water Resources

# Permit To Appropriate Water

NO. 37-08648

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.  
Witness the seal and signature of the Director, affixed at Boise, this

21<sup>st</sup> day of September, 1990.

for R. Keith Higginson, Director

MICROFILMED

OCT 18 1990

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
APPLICATION FOR PERMIT

Ident. No. 37-08648

To appropriate the public waters of the State of Idaho

1. Name of applicant Lloyd C. & John R. Moline Phone 934-8280  
Post office address P.O. Box 222 Gooding, ID 83330 West Fork
2. Source of water supply McHan Creek which is a tributary of Threemile
3. Location of point of diversion is \_\_\_\_\_ 1/4 of NE 1/4 of NW 1/4, Govt. Lot \_\_\_\_\_  
Sec. 27 Township 1N Range 13E B.M. Camas County; additional  
points of diversion if any: \_\_\_\_\_
4. Water will be used for the following purposes:  
Amount 4.0 for wildlife <sup>(Storage)</sup> purposes from 1/1 to 12/31\* (both dates inclusive)  
(cfs or acre-feet per annum) 2.6\* <sup>(Storage)</sup>  
Amount 4.0 for Stockwater purposes from 1/1 to 12/31\* (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) \_\_\_\_\_ and/or (b) 4.0  
cubic feet per second acre feet per annum
6. Proposed diverting works:  
a. Description of ditches, flumes, pumps, headgates, etc. Small berm in stream  
with flow-through spillway  
\_\_\_\_\_  
\_\_\_\_\_  
b. Height of storage dam 3' feet; active reservoir capacity 4.0 acre-feet; total  
reservoir capacity 4.0 acre-feet; period of year when water will be diverted to storage:  
1/1 to 2/1 inclusive.  
c. Proposed well diameter is N/A inches; proposed depth of well is \_\_\_\_\_ feet.  
d. Is ground water with a temperature of greater than 90°F being sought? N/A
7. Time required for the completion of the works and application of the water to the proposed beneficial uses  
\* 5\* years (minimum 1 year).

**MICROFILMED**

OCT 18 1990

\* per telecon w/ John Moline 7/13/90, DJL.

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. 120 range cattle
- c. Municipal; show name of municipality. \_\_\_\_\_
- d. Domestic; show number of households. \_\_\_\_\_
- e. Other; describe fully. Wildlife use for 60-70 deer, odd elk and moose, waterfowl nesting.

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 |        |
| 1N  | 13E   | 27   |     |     |     |     | WS  |     |     |     |     |     |     |     |     |     |     |     | —      |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |

Total number of acres to be irrigated —

10. Describe any other water rights used for the same purposes as described above. None

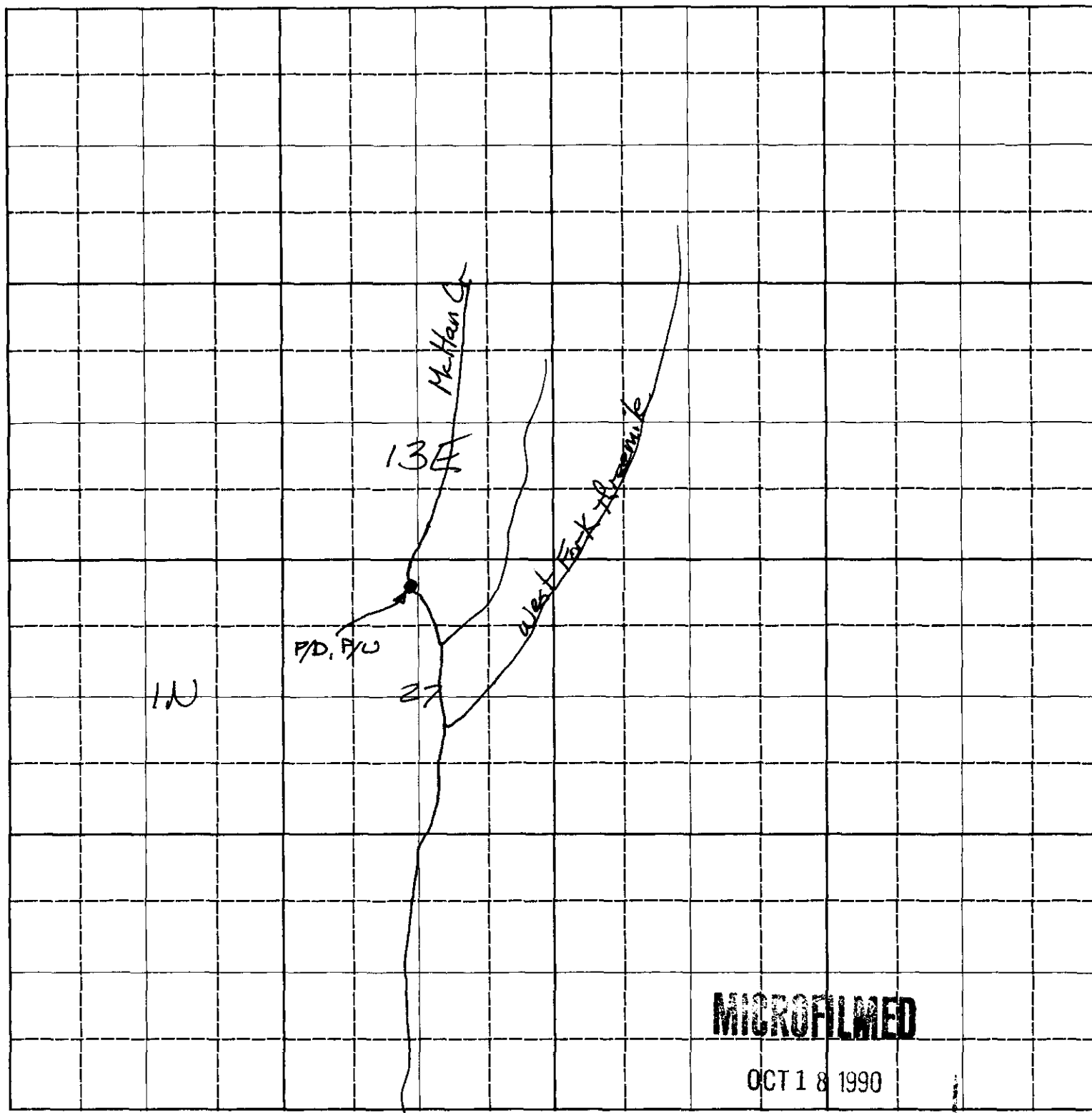
11. a. Who owns the property at the point of diversion? Applicants
- b. Who owns the land to be irrigated or place of use? Applicants
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. \_\_\_\_\_

12. Remarks: Land adjacent to ponds will be in CRP 9 years, therefore stock use is prohibited until contract ends in 1998

RECORDED

OCT 18 1990

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.

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.

John R. Moline  
(Applicant)

RECEIVED  
OCT 11 1990

e. Other:

permit.

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.

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.

19

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

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

Idaho No. \_\_\_\_\_, and said application is hereby \_\_\_\_\_

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of

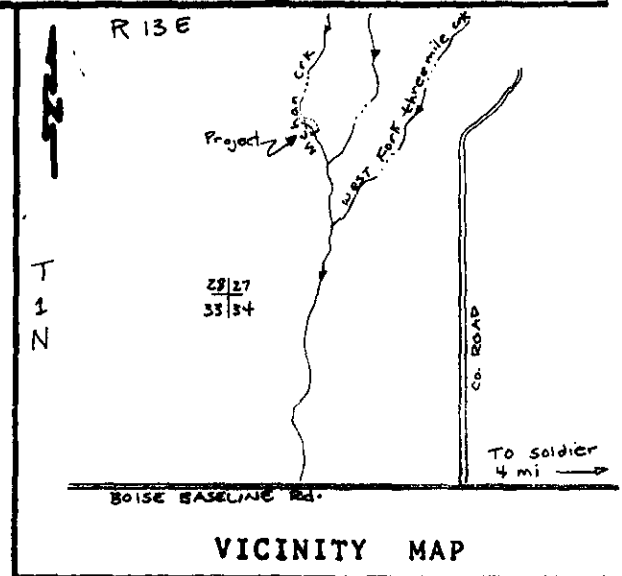
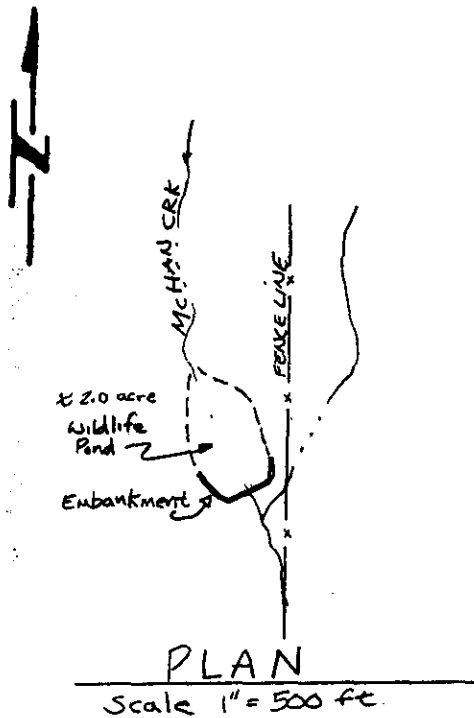
**ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES**

|                         |                      |             |                |              |                      |                      |                     |
|-------------------------|----------------------|-------------|----------------|--------------|----------------------|----------------------|---------------------|
| Received by             | <u>DBL</u>           | Date        | <u>7/3/90</u>  | Time         | <u>3:45</u>          | Preliminary check by | <u>J. E. Patton</u> |
| Fee \$                  | <u>30.00</u>         | Received by | <u>DBL</u>     | #            | <u>5012472</u>       | Date                 | <u>7/3/90</u>       |
| Publication prepared by | <u>M. B. Baldern</u> | Date        | <u>7/7/90</u>  | Published in | <u>The Sunnyside</u> | Date                 | <u>8/20/90</u>      |
| Publication approved    | <u>M. B. Baldern</u> | Date        | <u>8/20/90</u> |              |                      |                      |                     |

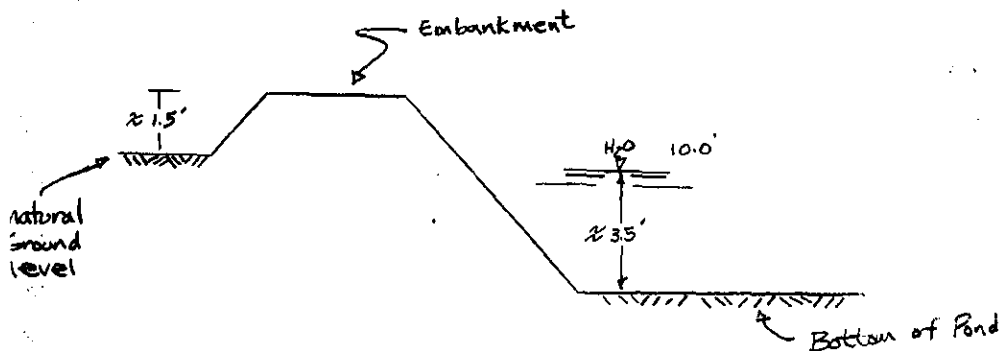
RECEIVED

JUL 19 1990

Department of Water Resources  
Southern Region Office



From FAIRFIELD QUADRANGLE  
15 min



MICROFILMED

DATUM PLANE: IF NOT NGVD 1929, SPECIFY  
a. HIGH WATER Apparent H.W. from  
b. LOW WATER Design Survey

John Moline  
Wildlife Habitat/Pond

IN  
IN/NEAR 4 mi west, Soldier

COUNTY, CAMAS

DATE: 7/5/90 SHEET 1 OF  
APPLICATION BY:

John Moline 37-08648

RECEIVED

AFFIDAVIT OF PUBLICATION

AUG 20 1990

Department of Water Resources  
Southern Region Office

STATE OF IDAHO           )  
                                  ss.  
County of Camas        )

Edward Reagan being first duly sworn, deposes and says that he/she is the designated agent for publisher of the Snowshoe, a newspaper published every week in Fairfield, County of Camas, State of Idaho, that said newspaper has been continuously and uninterruptedly published for a period of seventy-eight consecutive weeks prior to the first publication of the annexed notice, and is a newspaper qualified to publish legal notices as provided by act of the 1919 session of the legislature of the State of Idaho, known as House Bill 145; that the annexed advertisement, a copy of which is hereto attached, was published once each week for 2 consecutive issues in said newspaper proper and not in a supplement; that the date of the first publication of said advertisement was on the 1st day of August, 1990, and the date of the last publication was on the 8th day of August, 1990.

Edward Reagan

Subscribed and Sworn to before me this 15th day of August, 1990.

Robert C. [Signature]  
Notary Public in and for  
The State of Idaho.  
Residing at Fairfield.

THE SNOWSHOE  
Fairfield, Idaho  
Cost of Publication

Number of lines in notice 35  
Number of insertions 2  
Cost for advertisement \$42.35

OK  
MB  
8/20/90

**RECEIVED**

OCT 18 1990

## Legal Notice

### NOTICE OF APPLICATION FOR WATER RIGHT

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

37-08648

MOLINE, LLOYD C.  
MOLINE, JOHN R.  
P.O. BOX 222  
GOODING, ID 83330

Source: MC HAN CREEK      Tributary: THREE MILE CREEK,  
WEST FORK

Diversion Pt: NENW      Sec 27 T 01N R. 13E  
Use: WILDLIFE STORAGE      ( 4.00 AF)  
STOCKWATER STORAGE      ( 2.60 AF)  
TOTAL DIVERSION      ( 4.00 AF)

Date Filed: 7/3/1990  
In: T01N R13E S27      NENW

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, 222 Shoshone St. East, Twin Falls, Idaho 83301 on or before AUGUST 20, 1990.

R. Keith Higginson, Director

PUBLISHED 8/1 & 8/8, 1990

OK  
mb  
8/20/90

MICROFILMED

OCT 18 1990

[illegible]

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

Scale: 1" = \_\_\_\_\_

☒ 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: *Flow not measured, for storage only.*

E. NARRATIVE/REMARKS/COMMENTS

McMahon

Earth dam about 7' high & 380' long on ~~McMahon~~ McMahon Creek forms a pond. Pond covers about 3 acres at an average depth of feet. An overflow channel on the east end of the dam controls the water level. A valve on the outlet pipe is under water in the pond to prevent tampering. Watermaster has confirmed that he is satisfied with the construction of this project.

The surrounding land is in CRP for another couple years. The pond itself is leased to government agencies for wildlife use from 1990 until 2000, and no stockwater use is allowed during this period (according to Mr. Moline). So I am not recommending stockwater use on the license.

Construction data was supplied by Steve Thompson of the Soil Conservation Service, who designed the pond system.

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

**F. FLOW CALCULATIONS**

\_\_\_\_ Additional Computation Sheets Attached

Measured Method:

**G. VOLUME CALCULATIONS**

## 1. Volume Calculations for Irrigation:

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

## 2. Volume Calculations for Other Uses:

$(2.9 \text{ ac} \times 70\% \times 3.5' \text{ depth} \times 50\%) + (2.9 \text{ ac} \times 30\% \times 3.6' \text{ depth} \times 25\%) = 4.3 \text{ acre feet pond volume}$   
Allow 4.0 AF permitted

**H. RECOMMENDATIONS**

## 1. Recommended Amounts

| Beneficial Use   | Period of Use |       | Rate of Diversion<br>Q (cfs) | Annual Volume<br>V (afa) |
|------------------|---------------|-------|------------------------------|--------------------------|
|                  | From          | To    |                              |                          |
| Wildlife Storage | 1-1           | 12-31 |                              | 4.0                      |
|                  |               |       |                              |                          |
|                  |               |       |                              |                          |
|                  |               |       |                              |                          |
|                  |               |       |                              |                          |
| Totals:          |               |       |                              | 4.0                      |

## 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 J. F. Altenton Date 11-29-96

Reviewer \_\_\_\_\_ Date \_\_\_\_\_

SEAL

27  
10.3

CRP

28 27 18 3.8

13  
11.1

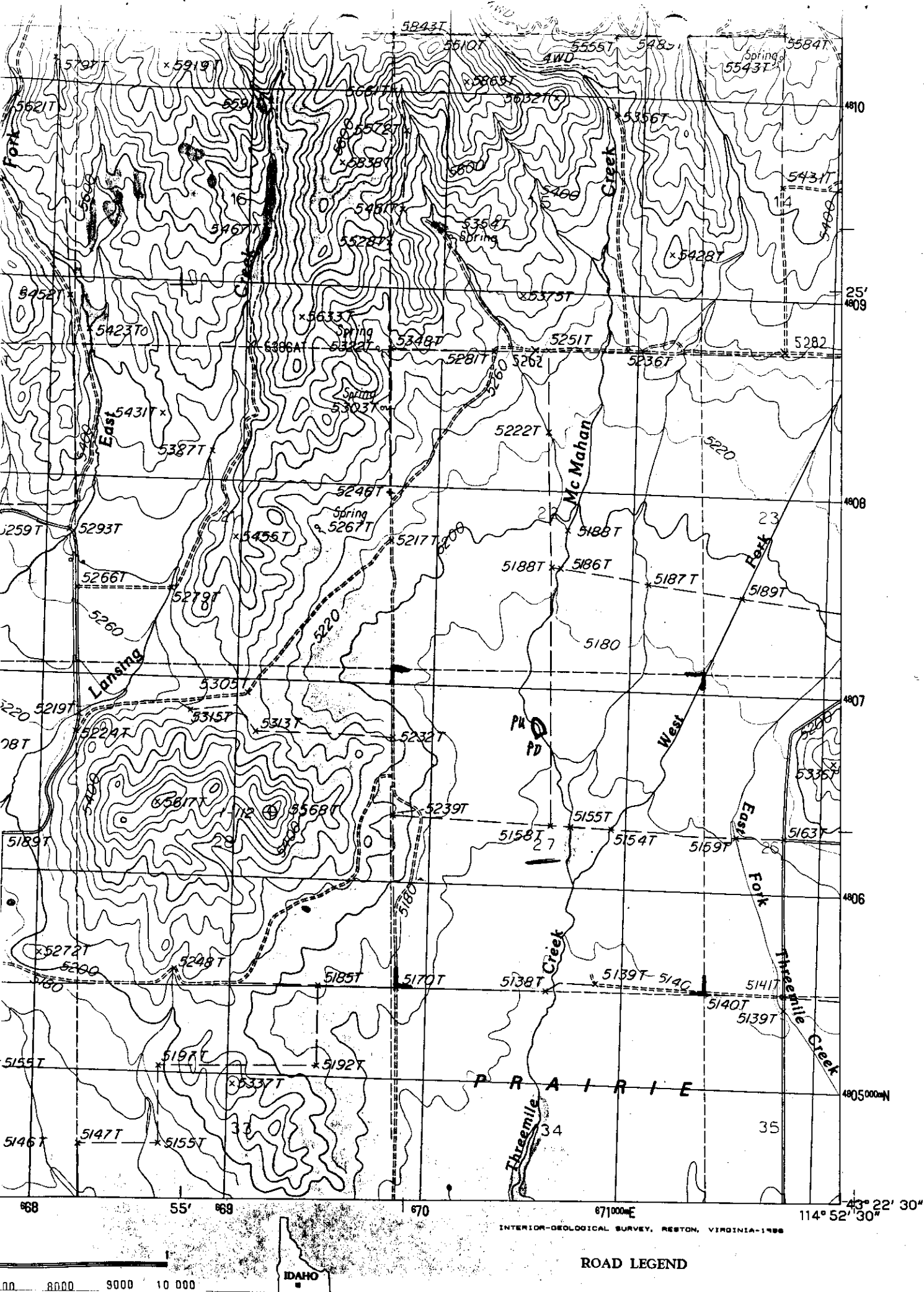
21  
15.4

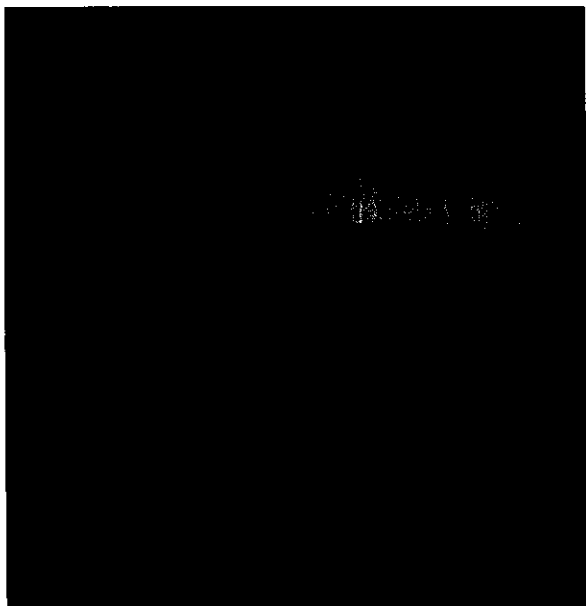
CRP

12  
51.7

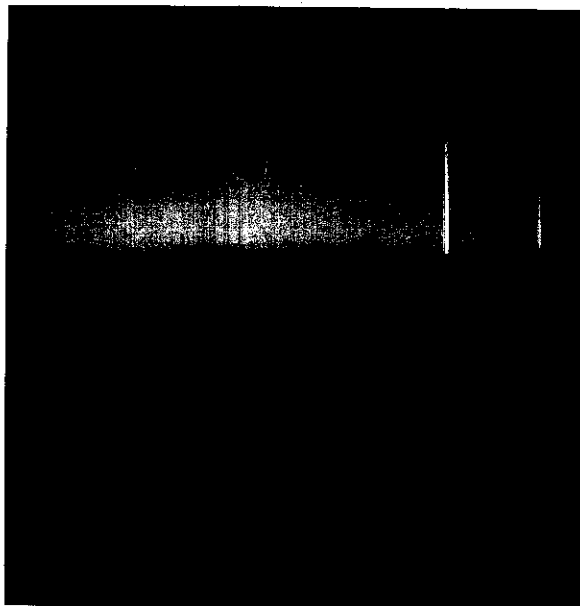
24.9

37-08648 T 14 R 13E S 27

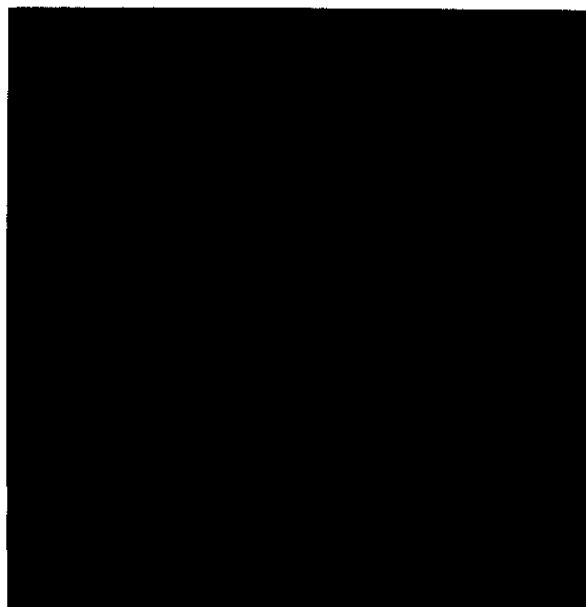




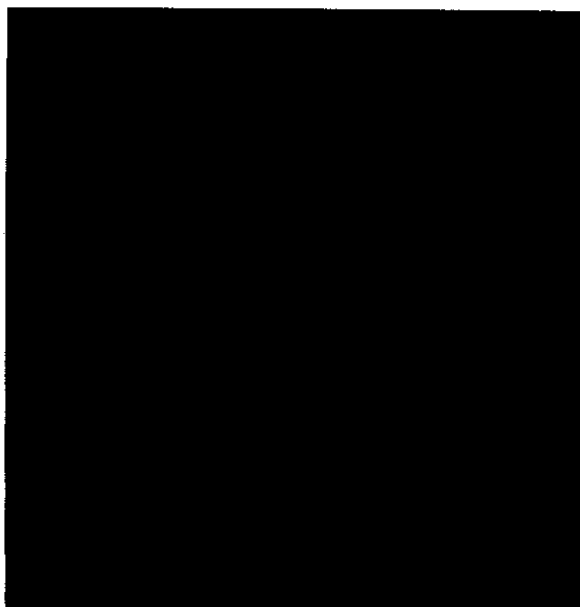
Dam Looking West-East



Reservoir Looking North-South



Dam Outlet



Spillway Looking Upstream

37-8648 10-7-96  
JES

ID-ECS-001  
8/89

313D 3/

R13E

8.13

Note Pond length  
was shortened  $\pm 100'$   
Deep water section  
O.K.

T  
-  
N

9.13

9.99  
1.82

7.29

7.41

7.58

6.29

6.5

9.35

Deep water  
Section (35')

8.15

5.50

9.4

8.26

7.4

5.27 4.86

6.49

9.69

Principle  
Spillway

Reference Elevation = 6.67

TBM (Top of stake)

8.3

Dike

4.9

4.09

3.29

8.8

inlet  
channel

level  
section

Emergency  
Spillway

exit channel

Berms installed  
along edges of  
emergency spillway

It is the responsibility of the contractor to locate and place the berms in accordance with the plans and specifications.

AS CONSTRUCTED  
NOTES IN RED

PLAN

Note: All construction shall  
be in accordance with  
ID-378 & 644 specifications  
and plans.

CIN #5

AS BUILT

Scale  $\approx 1" = 100'$

|                                                              |    |              |                    |
|--------------------------------------------------------------|----|--------------|--------------------|
| John Moline                                                  |    | Fairfield Fo |                    |
| Pond/wildlife habitat                                        |    |              |                    |
| Camas Co.                                                    |    | Camas SCD    |                    |
| U. S. DEPARTMENT OF AGRICULTURE<br>SOIL CONSERVATION SERVICE |    |              |                    |
| Designed                                                     | EM | Date         |                    |
| Drawn                                                        | EM | Approved by  | Ken H. [Signature] |
| Traced                                                       |    | Title        | Civil Engineer     |
| Checked                                                      | KH | Sheet        | 7-20               |
|                                                              |    | Drawing No.  | 106 Chss III       |

I have reviewed the plans and specifications  
and agree to construct this project to the  
best of my ability in accordance with them.

John R. Moline Date: 10/17/90

# X-Section-Dike

construction notes  
in Red,  
talked to contractor  
11/29/90. He will install  
items w/ asterisk  
D-6, D-8 used for  
compaction

add 10%  
for shrinkage  
needed 18.4'  $\sqrt{15-18}$

10'

13.0' average  
el

spillway crest 8.3'el  
3' = 27.8' needed  
(not installed)  
trashrack (1/2" smooth bars  
3" centers)

66"

66"

note:

Bottom Dike width  
w/ 15' top = 52'

7.3' el 75.5'el

18" Blower  
16.99 CMR  
(galv)

streambank  
38'el

contractor states  
Anti-seep  
collars  
installed

Galvanized  
12" CMR 16 galv. Metal

48" 12" CMP installed

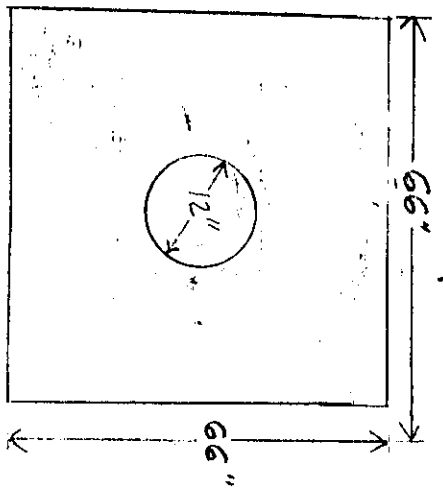
Spacing on Anti Seep Collars  
minimum 16'  
maximum 31'

30"

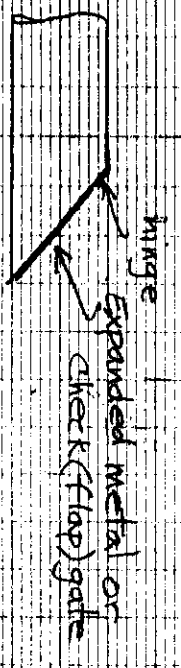
36" x 30" concrete base  
#4 rebar @ 12" C-C

slidegate

Anti-Seep Collar



Flow



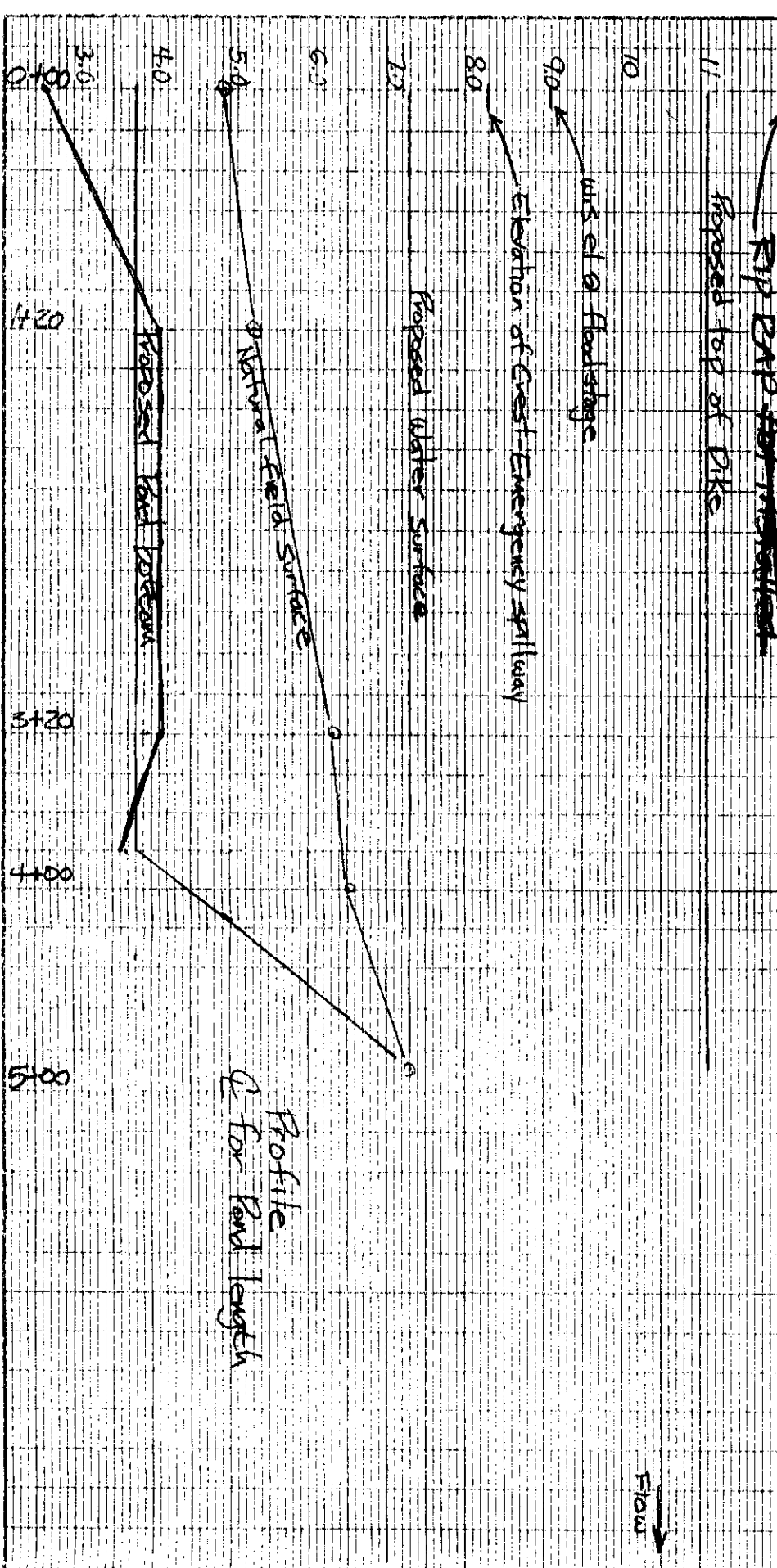
Robert Guard  
Outlet end CMP Pipe  
not installed

AS BUILT

John Moline  
Pond/wildlife habitat  
Fairfield F.O.

Camas Co.  
U.S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
Camas SCD

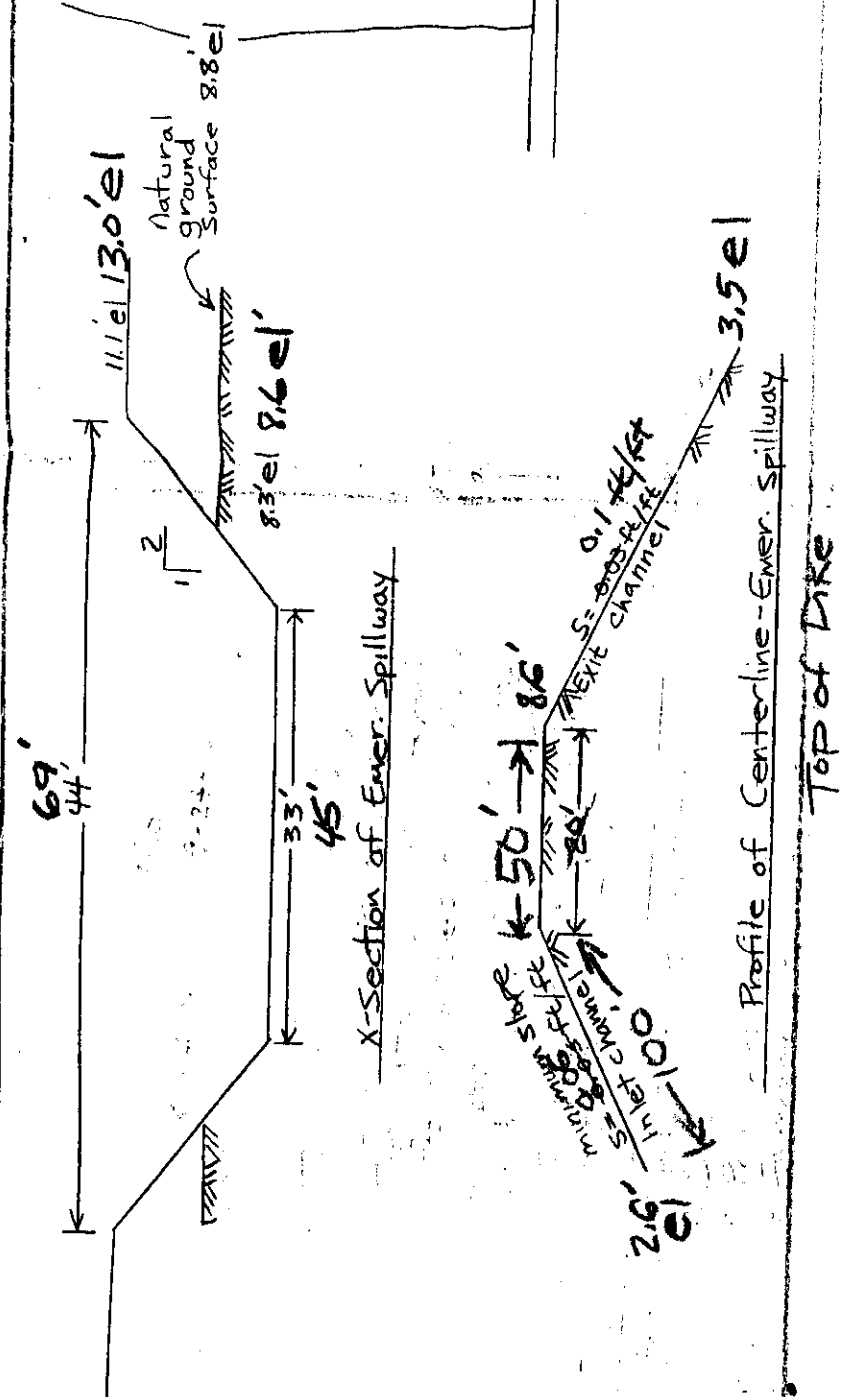
|             |           |          |    |            |    |
|-------------|-----------|----------|----|------------|----|
| Designed by | EM        | Drawn by | EM | Checked by | KH |
| Date        | 9-90      | Drawn by | 3  | Checked by | 3  |
| Title       | Class III |          |    |            |    |



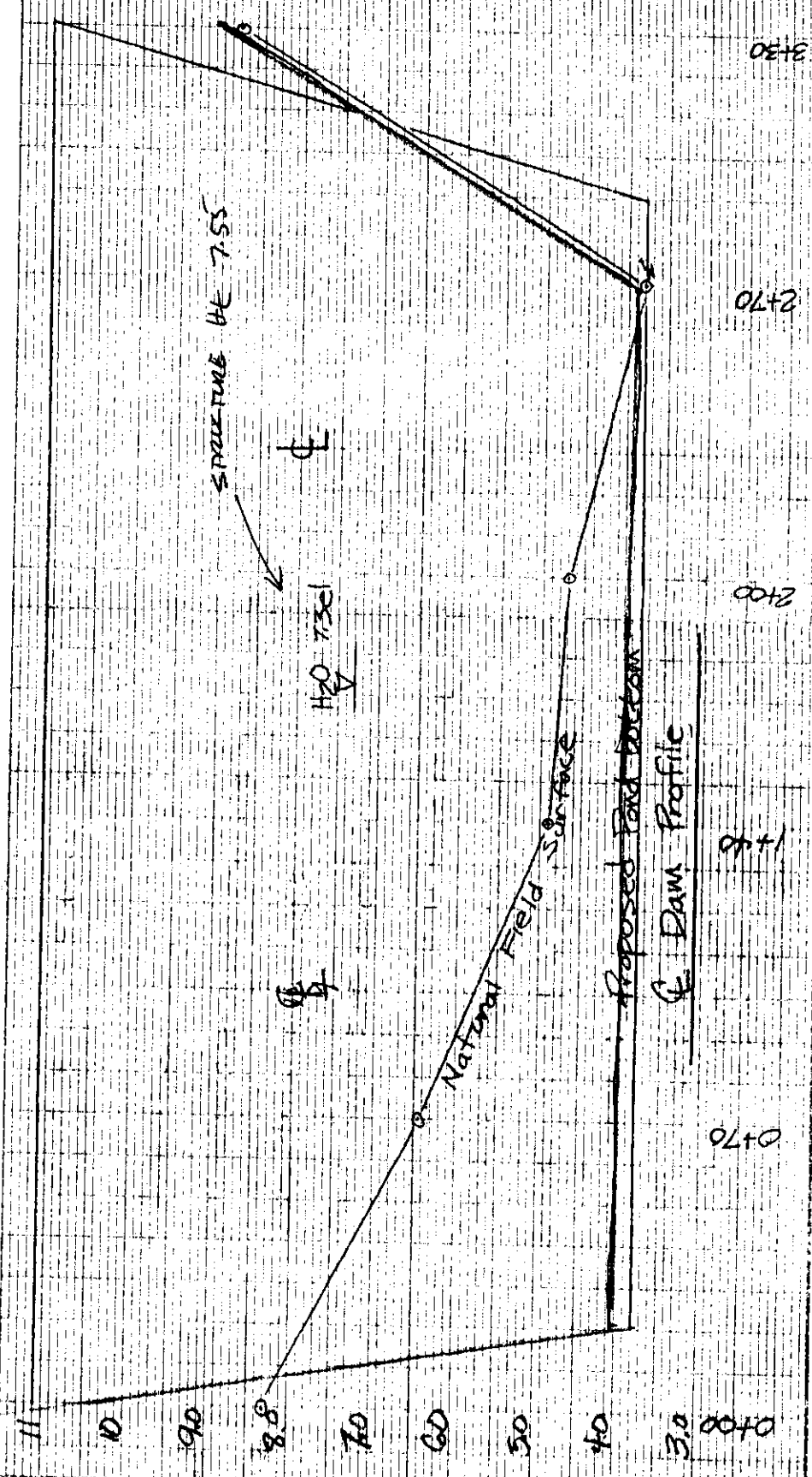
Profile  
Q for Pond length

0801 666  
 21-21  
 4801 bottom  
 21-21

38.6  
 19.8  
 19.8



PLAN



AS BUILT

|                                                             |               |
|-------------------------------------------------------------|---------------|
| John Moline<br>Pond/wildlife habitat                        | Fairfield CO. |
| Camas Co.                                                   | Camas SO.     |
| U.S. DEPARTMENT OF AGRICULTURE<br>SOIL CONSERVATION SERVICE |               |
| Designed E.M.                                               | Drawn E.M.    |
| Checked K.H.                                                | Date 9-20-33  |
| Job Class III                                               |               |

|                            |                     |                            |      |                            |
|----------------------------|---------------------|----------------------------|------|----------------------------|
| STATE                      |                     | PROJECT <u>John Moline</u> |      |                            |
| BY <u>EM, KH</u>           | DATE <u>9-17-90</u> | CHECKED BY                 | DATE | JOB NO.                    |
| SUBJECT <u>Pond design</u> |                     |                            |      | SHEET <u>2</u> OF <u>3</u> |

### Principle spillway

Conduit will be sized to convey long duration flows. These are normally a lower flow rate than the 2 yr peak flow (see pg 1/3).

Try 12" 16 ga. helical corr metal pipe

Assume downstream W.S. EL. = 3.2'

Assume Emergency spillway EL. = 8.3'

Available head = 4.5 ft.

Assume 60' conduit length

$$Q = \left( \frac{4.02 + 4.49}{2} \right) (1.07) = 4.55 \text{ cfs}$$

12" 16 ga CMP O.K.

USE 18" 16 ga. CMP for Inlet riser

Inlet head req'd for 18" riser w/ 4.55 cfs  
= 0.46'

check conduit flow for helical "n" factor (0.011)

$$[K_p + K_e + K_v + K_d] \frac{v^2}{2g} = 4.5'$$

$$\frac{v^2}{64.4} = \frac{4.5'}{3.34} \quad (4.4) \quad v = 9.3 \text{ ft/sec} \quad Q = 7.3 \text{ cfs}$$

↑ NHCP Interim  
Std. 430-II  
Table 1

✓✓  
Inlet Head required (18" riser) = 0.75 ft < 1.0' O.K.

USE Q = 7 cfs for figuring flow that  
emergency spillway must pass

Fig.  
EFM 6-25  
n = 0.025

EFM  
Fig 6-27

EFM  
ID Append.  
#5

$K_p = 0.0224$   
 $K_e + K_{90} = 1.0$   
 $K_v = 1.0$

Idaho  
EM

John Moline  
9/18/90 K. Hasfurth 9-24-90  
Pond design

1

3

Situation: This pond will store water from Mchan creek and spring thaw. The water will be stored for wild-life purposes only. Minimum area will be 2.0 acres. A pipe spillway will be designed for the principle spillway; a trapezoidal shaped grass spillway for emergency flow.

- Find :
1. Pond size (approximate)
  2. Q (Hydrology)
  3. Principle spillway design
  4. Emergency spillway design

1. Pond size (F&G requires a 2.0 acre minimum surface area)

$$\frac{490' \times 260'}{43560 \text{ ft}^2/\text{ac}} = 2.9 \text{ acres} \quad \underline{\underline{O.K.}}$$

2. Hydrology

Drainage area above pond site  $\approx$  2148 acres  
or 3.36 mi<sup>2</sup>

Use Idaho appendix #3

From figure 3  $\Rightarrow$  runoff factor RF = 0.23

From figure 4  $\Rightarrow$  Gamma shape parameter = 53

From figure 1  $g_p/\text{RF} = 110 \text{ cfs}/\text{RF}$

$$g_p \text{ mean} = (110 \text{ cfs}/\text{RF})(0.23 \text{ RF}) = 25.3 \text{ cfs}$$

From figure 2

|                       |               |          | Peak flow |
|-----------------------|---------------|----------|-----------|
| For 4% chance (25 yr) | $\Rightarrow$ | B = 1.89 | 47.8 cfs  |
| " 10% " (10 yr)       | $\Rightarrow$ | B = 1.58 | 40.0 "    |
| " 20% " (5 yr)        | $\Rightarrow$ | B = 1.31 | 33.1 "    |
| " 50% " (2 yr)        | $\Rightarrow$ | B = 0.93 | 23.5 "    |

Fairfield quad

EFM Chpt. 2

Idaho  
EM

John Moline  
9/18/90 K.H. 9-24-90  
Pond design

3

3

### Emergency Spillway

USE 25 yr. 24 hr storm

$$Q = 48 \text{ cfs} - 7 \text{ cfs (from principle spillway)} = 41 \text{ cfs}$$

EFM  
Exhibit  
11-2,  
Table 1  
" 2  
" 3D

Vegetative stand = Fair  
Aver veg. length = 5"-15"  
Degree of retardance = D  
 $V = 4 \text{ fps}$   
 $L = 25 \text{ ft}$   
 $H_p = 0.8 \text{ ft}$   
 $g = 1.25 \text{ ft}^3/\text{ft}$

$$W_m = \frac{41 \text{ cfs}}{1.25 \text{ ft}^3/\text{sec}/\text{ft}} = 32.8' (\text{use } 33 \text{ ft})$$

Slope range for exit channel = 1-10 pct.

### Anti-Seep Expansion Collars

ID 378 spec

increase seepage path by 15%

culvert length = 60 ft

$$(.15)(60) = \frac{9.0}{4} = 2.25' \quad \text{USE Two Collars } 5\frac{1}{2} \text{ ft square each}$$

$$7-14(2.25) = 16'-31' \text{ use } 20' \text{ spacing}$$

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

**WATER DISTRICT NO. 37 & 37 M**

P.O. Box T  
Shoshone, Idaho 83352  
(208) 886-2451

RECEIVED

AUG 30 1995

Department of Water Resources



LEE R. PETERSON  
Watermaster

Idaho Department of Water Resources  
Julie L. Yarbrough  
1301 North Orchard St.  
Boise, Idaho 83720-9000

August 28, 1995

Julie:

In reference to your letter of August 7, 1995, to Lloyd & John Moline, Permit #37-08648, to construct a stockwater and wildlife pond, which entailed construction of a dike, overflow pipe with a lockable control valve and emergency spillway.

On Thursday August 24, 1995, I went to Fairfield to Mr. Moline's farm unit to view this pond in regards to the requirements set forth within the permit. Following an observation of the ponding facility all requirements have been met and completed.

If I can be of further assistance please call or write.

Sincerely,

A handwritten signature in cursive script, reading "Lee R. Peterson".  
Lee R. Peterson  
Watermaster

CC: John Moline

**ANALYSIS SHEET  
FOR  
PROOF OF BENEFICIAL USE**

Permit No. 37-08648 Reviewed by [Signature] Date 8-7-95

**GENERAL CONSIDERATIONS**

yes Name same as permit?  
yes Address same as permit?  
yes Proof timely received?  
If not, complete calculation below.

**TYPES OF USE**

stock

Correct Uses? yes

**SOURCE OF WATER**

☒ Surface water source

☐ Ground water source

☐ Drilling permit required?

☐ Copy in the file? Drilling Permit No. \_\_\_\_\_

☐ Amount paid for permit

\_\_\_\_\_ Correct?

☐ Well log in the file?

**LICENSE EXAMINATION FEE**

yes Required?  
50 Amount Submitted  
yes Correct?

**MEASURING DEVICE**

yes Required?  
no Installed?  
no Waiver requested?

**PRIORITY CALCULATION**

|                     |       |       |
|---------------------|-------|-------|
| Date proof received | _____ | _____ |
| Date proof due      | _____ | _____ |
| No. of days late    | _____ | _____ |
| Priority Date       | _____ | _____ |
| New Priority Date   | _____ | _____ |

**DEFICIENCIES OR ACTION ITEMS**

advise of lockable device requirement  
Proof acceptable

**DATA ENTRY**

New Address [Signature] Proof Made 8-1-95



**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

August 7, 1995

LLOYD & JOHN MOLINE  
P O BOX 222  
GOODING ID 83330

**PROOF ACKNOWLEDGEMENT LETTER**

**RE:** PERMIT NO. 37-08648

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.

Please be advised that one of the conditions of your water right permit requires that the permit holder install and maintain a lockable controlling device (refer to condition # 3 of your permit). This condition must be complied with before the license exam, or you can request in writing, a waiver of the condition.

If you have questions concerning the field examination, please feel free to contact the SOUTHERN Regional Office in Twin Falls, at (208) 736-3033.

Sincerely,

JULIE L. YARBROUGH  
Senior Secretary

c: IDWR - Region

RECEIVED

AUG 08 1995

June 30, 1995

LLOYD C. MOLINE  
JOHN R. MOLINE  
P.O. BOX 222  
GOODING ID 83330

PROOF DUE NOTICE

RE: PERMIT NO. 37-08648

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 September 1, 1995. (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.

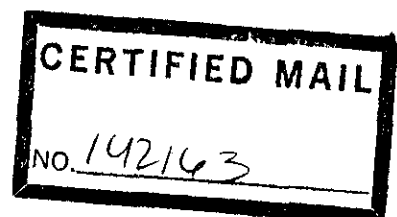
Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the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

SINCERELY,

JULIE L. YARBROUGH  
Senior Secretary

Enclosures

AUG 08 1995



S T A T E   O F   I D A H O  
D E P A R T M E N T   O F   W A T E R   R E S O U R C E S

-----

Statehouse  
Boise, Idaho 83720  
(208) 327-7900  
September 24, 1990

LLOYD C. MOLINE  
JOHN R. MOLINE  
P.O. BOX 222  
GOODING, ID 83330

P E R M I T   A P P R O V A L   N O T I C E

RE: PERMIT NO.        37-08648

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

Be sure to note the special condition requiring you to install a lockable device that will provide the watermaster control on your diversion.

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,

JIM JOHNSON  
Water Rights Supervisor

JJ: SC  
Enclosures

**RECORDED**

**OCT 18 1990**

Form No. 202a  
4/87

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT ANALYSIS SHEET

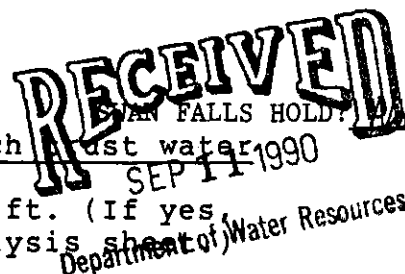
INITIAL REVIEW BY J. E. Stanton DATE 7-17-90 APPLICATION NUMBER 37-08648

REQUIRED INFORMATION

- ☒ Name (If applicant is a corporation or partnership, names must be provided for the director, officers, & other partners.)  
☒ Address  
☒ Source (See USGS Quad for names of water sources)  
☒ Point of Diversion (10 acres for spring, lot & block descriptions for subdivisions, local name, flow and/or volume)  
☒ County  
☒ Quantity (flow and/or volume)  
☒ Period of Use  
☒ Nature of proposed use (Include description of use.)  
☒ Description of diverting works  
☒ Time required for beneficial use of water  
☒ Place of use or acres irrigated  
☒ Map  
☒ Signature (If applicant is corp. partnership, or municipality, title of signator is required)  
☒ Fee  
☒ Yes ☐ No\* In form to receipt \*\*\*PROPOSED PRIORITY DATE 7-3-90

ADDITIONAL INFORMATION

- ☐ Overlapping place of use (Describe source & relationship to present application on the back.)  
☐ Overlapping point of diversion  
☒ Yes ☐ No Field check required  
Field check by \_\_\_\_\_  
☐ Yes ☐ No Field report attached  
☐ Yes ☒ No Critical groundwater area  
☐ Yes ☒ No Groundwater management area  
☐ Yes ☒ No Send dam safety information  
☐ Yes ☒ No Send power requirement letter  
☐ Yes ☒ No Send fish farm requirement letter  
☐ Yes ☒ No Power residency affidavit  
☐ Yes ☒ No Power efficiency form  
☒ Yes ☐ No Within trustwater boundary (If yes, attach supplementary analysis sheet.)  
☐ Yes ☒ No Diversion greater than 5 cfs or 500 acre ft. (If yes, attach large diversion supplementary analysis sheet.)  
☐ See reverse side for additional information



\*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT

Date Requested

PROCESSING ☒ Yes ☐ No In form for advertising  
☐ Yes ☒ No Statewide advertising  
☒ Yes ☐ No Fee amount, receipt date & No. recorded on application

SEND COPIES TO ☐ Idaho Dept. of Health & Welfare ☐ U.S. BLM  
☒ Idaho Dept. of Fish & Game ☐ U.S. Forest Service  
☐ Idaho Dept. of Lands ☒ Water District 37  
☐ Adjudication Bureau Unit ☐ Other

#### FINAL REGIONAL PROCESSING REVIEW

☒ Yes ☐ No Affidavit of publication received  
☒ Yes ☐ No Application published correctly. If not, record action taken.

☒ Yes ☐ No ~~Publication dates & paper, recorded on application~~  
☐ Yes ☒ No Protests received  
Final date for protest 8/20/90  
☐ Yes ☒ No Protests, dates, resolution of protest, recorded on application  
☐ Yes ☒ No Recommendations attached  
☒ Yes ☒ No Measuring device required  
☒ Yes ☒ No Access port required  
☒ Yes ☐ No Will water be delivered by watermaster? If yes, what Dist. 37  
☒ Yes ☐ No Special conditions of approval or cover letter below.

OIH, 05<37 Big Wood River>

See below for additional information

Date of priority recommended 7/31/90

By Loren O. Hahn Date 9/6/90

#### STATE OFFICE REVIEW

POI, P17

OIH 05(37)26

See below for additional information

By kw Date 9-20-90

#### ADDITIONAL INFORMATION

App. in TRUST area - DCMI  
Allow 5 yrs. to develop - see remarks.



**IDAHO FISH & GAME**

REGION 4  
868 East Main Street  
Jerome, ID 83338  
(208) 324-4350

**RECEIVED**

**AUG 21 1990**

August 20, 1990

Department of Water Resources  
Southern Region Office

Idaho Department of Water Resources  
ATTN: James E. Stanton  
222 Shoshone Street East  
Twin Falls, Idaho 83301

RE: Application 37-08-648, Moline-McHan Creek

Dear Mr. Stanton:

An onsite inspection of McHan Creek indicates it is currently dry and therefore probably has limited or no value for fish. A properly designed pond should improve conditions for wildlife. Therefore, we have no opposition to this application.

Thank you for the opportunity to comment on this application, and please keep us informed of future applications for flow appropriations.

Sincerely,

Carl H. Nellis  
Regional Supervisor

cc: Mike Todd, IDFG

Cecil D. Andrus / Governor  
Jerry M. Conley / Director



Working for wildlife since 1938

**MICROFILMED**

**OCT 18 1990**



State of Idaho

# DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 734-3578

CECIL D. ANDRUS  
Governor

17-Jul-1990

R. KEITH HIGGINSON  
Director

REID J NEWBY WATERMATER  
WATER DISTRICT #37  
BOX T  
SHOSHONE ID 83352

Re: Application(s) for Permit

Dear Mr. Newby:

Please find enclosed copy(ies) of an Application(s) for Permit for your information and files.

If you have any questions or if this office can be of further assistance, please feel free to contact us.

Very truly yours,

James E. Stanton  
Sr. Water Resource Agent

JS:MB

Enclosure(s)

**MICROFILMED**

OCT 18 1990



State of Idaho

# DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 734-3578

CECIL D. ANDRUS  
Governor

17-Jul-1990

R. KEITH HIGGINSON  
Director

IDAHO DEPT OF FISH & GAME  
PO BOX 428  
JEROME ID 83338

Re: Application(s) for Permit

Gentlemen:

Please find enclosed copy(ies) of an Application(s) for Permit for your information and files.

If you have any questions or if this office can be of further assistance, please feel free to contact us.

Very truly yours,

James E. Stanton  
Sr. Water Resource Agent

JS:MB

Enclosure(s)

**MICROFILMED**

OCT 10 1990

17-Jul-1990

LLOYD C MOLINE  
JOHN R MOLINE  
PO BOX 222  
GOODING ID 83330

Re: Application for Permit No. 37-08648

Dear Applicant (s):

The Department of Water Resources acknowledges receipt of your water right application for permit. The application has been assigned the above referenced identification number. Please refer to this number in all further correspondence.

This office will be advertising the application in the Snowshoe on 8/1 & 8/8/90. A period of ten days following the second publication will be allowed for the submittal of protests.

If the application is protested you will be sent a copy of the protest. The protest must be resolved before the application is approved or denied. If the protest is not resolved voluntarily, this Department will conduct a conference and/or hearing on the matter.

If the application is not protested, it will be forwarded to our State Office in about five weeks. State office personnel will conduct a complete review prior to final processing of the application and will notify you of the outcome of this review. When a permit is issued, you will be sent a copy. A typical processing time for an unprotested application is about eight weeks.

Please feel free to contact this office if you have any questions regarding this procedure.

Very truly yours,

James E. Stanton  
Sr. Water Resource Agent

JS:MB

**UNRECORDED**  
OCT 18 1990

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
Southern Region  
222 Shoshone Street East  
Twin Falls, ID 83301  
(208)734-3578

---

JULY 17, 1990

THE SNOWSHOE  
BOX 360  
FAIRFIELD, ID 83327

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before AUGUST 20, 1990.

Yours truly,

Mary Baldwin  
Secretary/Office Coordinator

Enclosure

**MICROFILMED**

OCT 18 1990

37-08648

MOLINE, LLOYD C.  
MOLINE, JOHN R.  
P.O. BOX 222  
GOODING, ID 83330

Source: MC HAN CREEK

Tributary: THREE MILE CREEK, WEST FORK

Diversion Pt: NENW Sec 27 T 01N R 13E

|                       |            |
|-----------------------|------------|
| Use: WILDLIFE STORAGE | ( 4.00 AF) |
| STOCKWATER STORAGE    | ( 2.60 AF) |
| Total Diversion:      | ( 4.00 AF) |

Date Filed: 7/ 3/ 1990

In: T01N R13E S27 NENW

**MICROFILMED**

OCT 18 1990

Publication checked in the Snowsloe Aug 1, 1990  
issue. Publication OK.

MB  
8/2/90

**MICROFILMED**

OCT 18 1990

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, 222 Shoshone St East, Twin Falls, Idaho 83301 on or before AUGUST 20, 1990.

R. Keith Higginson, Director

Published 8/ 1/1990 & 8/ 8/1990

RECEIVED

OCT 18 1990

