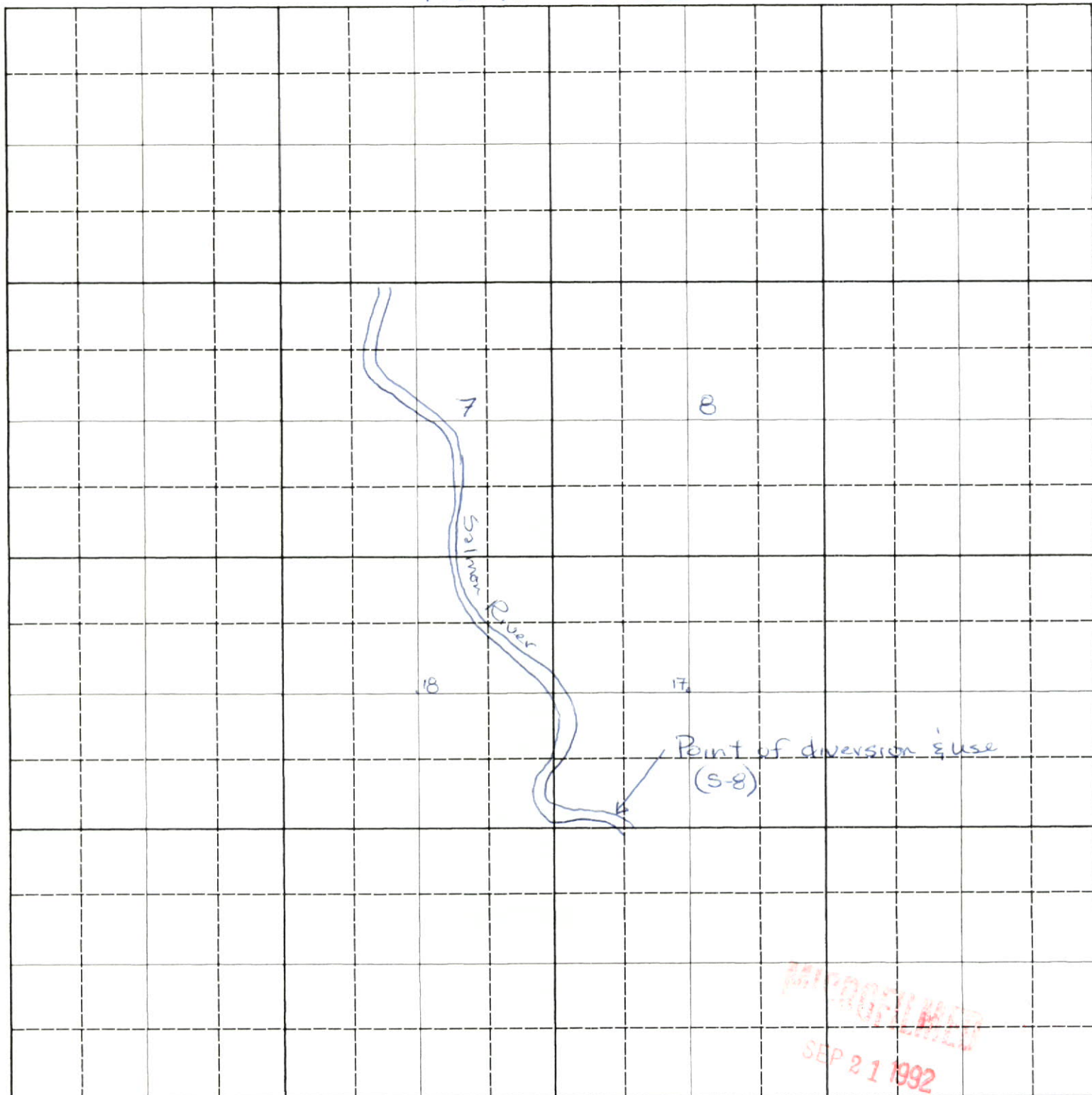


75-7584

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

T.22N. R.22E

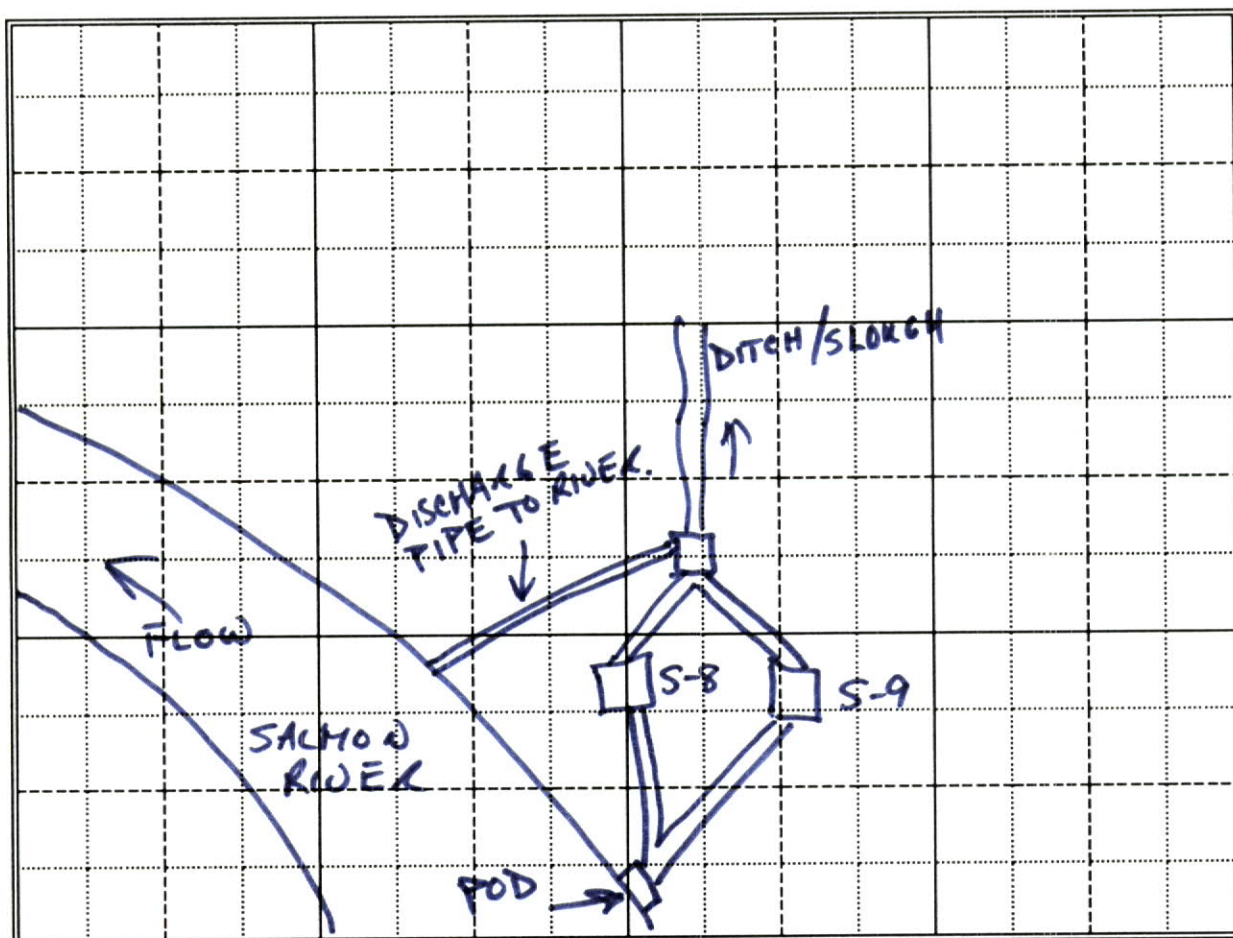


Scale: 2 inches equal 1 mile.

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.

Cynthia Robertson IDFG
(Applicant)

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



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
N/A					

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

D. FLOW MEASUREMENTS

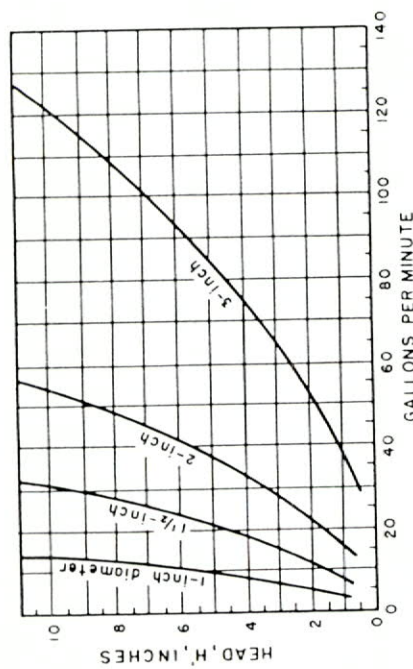
1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
N/A						

2. Measurements: NONE

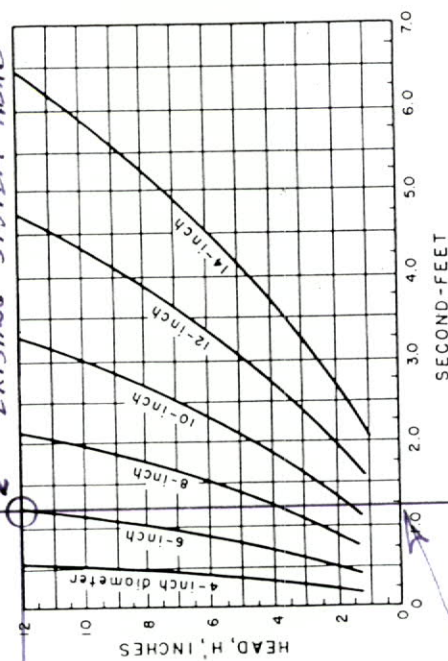
MICROFILMED

AUG 20 1997



RATE OF FLOW THROUGH SMALL PIPE

HEAD IS LESS THAN EXISTING SYSTEM HEAD



RATE OF FLOW THROUGH LARGE PIPE

Figure 95.—Rates of flow through ditch-to-furrow pipes for various heads. 103-D-980.

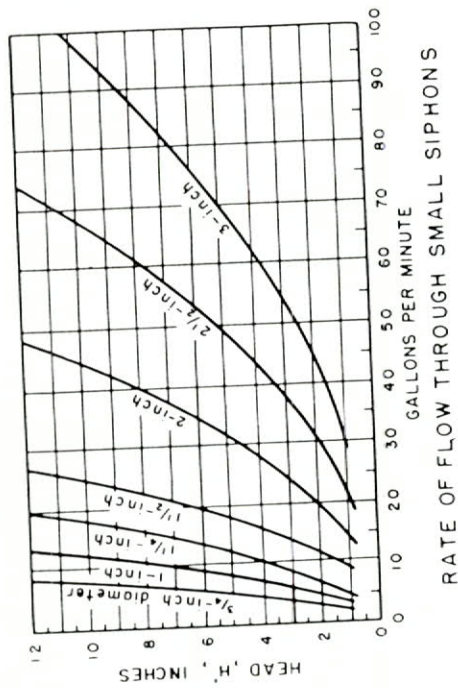
requirements, and operation and maintenance problems are discussed in section 112. A variety of propeller meter types and manufacture are commercially available, and the selection of a meter for a particular use must be based upon careful

Flow EXCEEDS 1.0 CFS

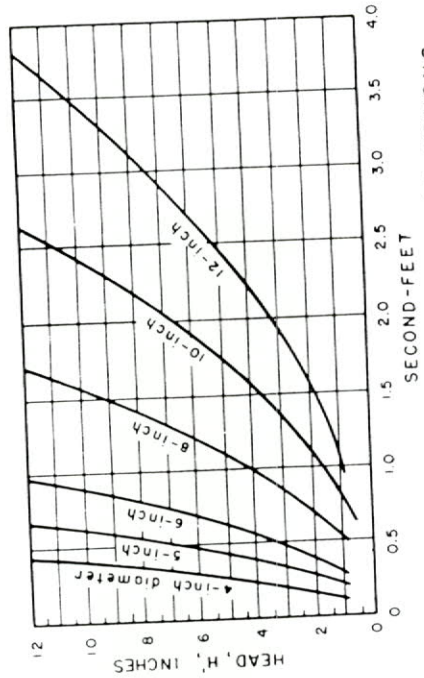
75

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45584



RATE OF FLOW THROUGH SMALL SIPHONS

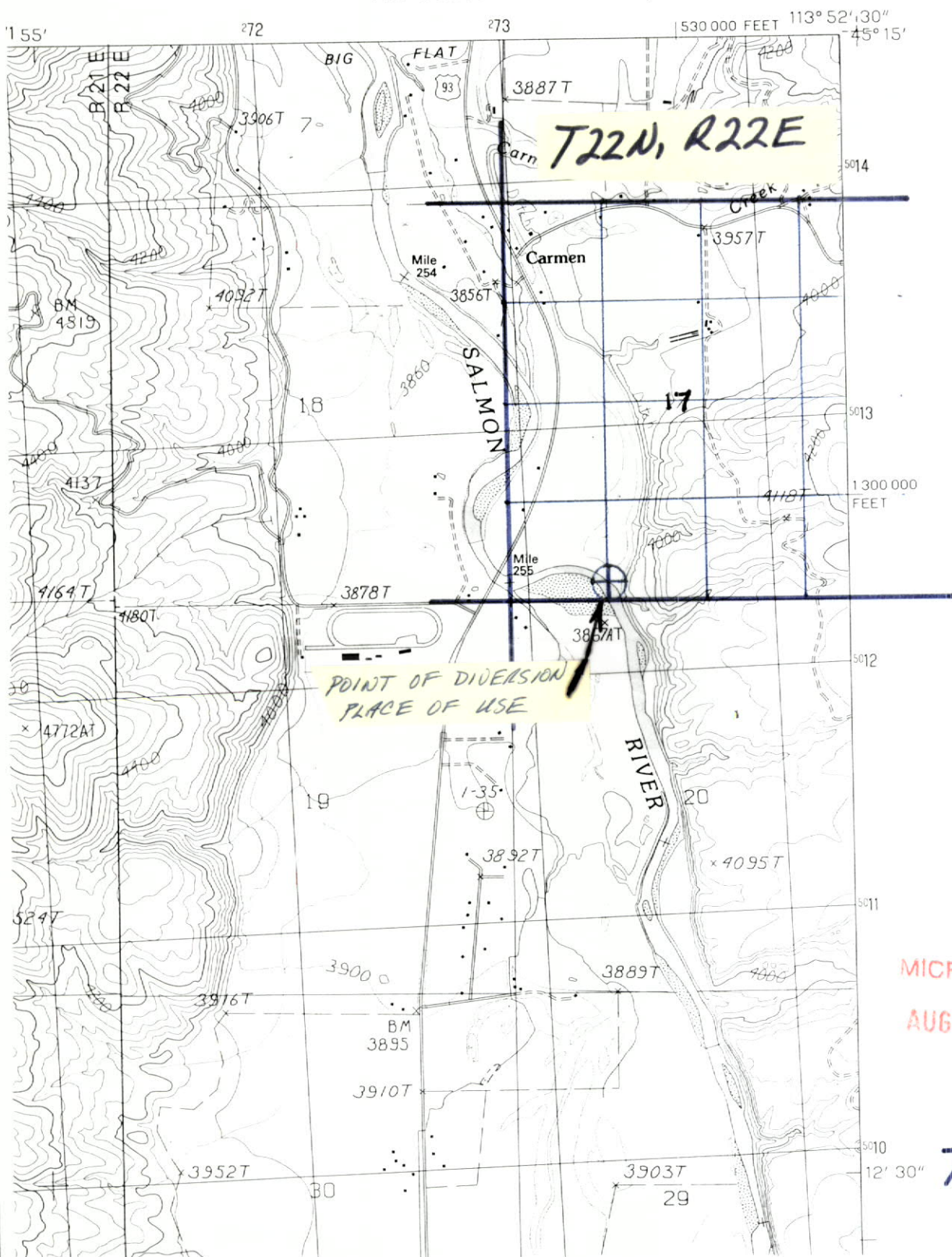


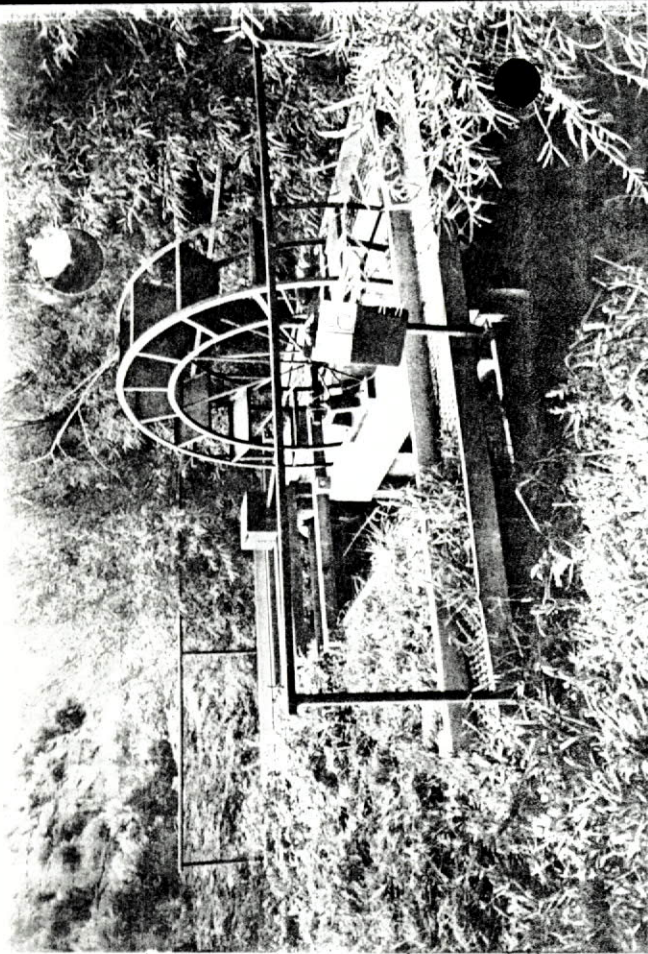
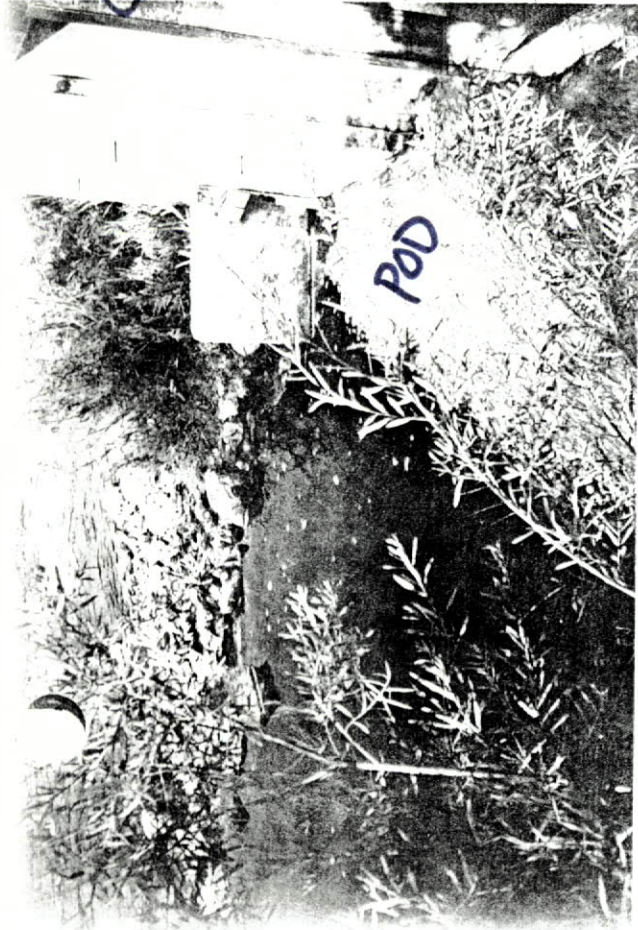
RATE OF FLOW THROUGH LARGE SIPHONS

Figure 96.—Rates of flow through ditch-to-furrow siphons for various heads. 103-D-981.

consideration of the many factors such as flow velocity, flow distribution, and sediment size that affect that installation. 129. Proportional Meters.—Proportional meters operate upon the principle of diverting into a separate passage and measuring

SALMON QUADRANGLE
IDAHO-LEMHI CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)





VIEW OF SCREEN barren, puddles PASS SIZE 6" HOW REDUCED plate + into trap box

APPROX. LENGTH 15' - 20' TRASH RACK none HEADGATE yes

CONDITION fair SCHEDULED REPLACEMENT 2020

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75-07584

Screen

yes

24" x 4'

Structure

yes

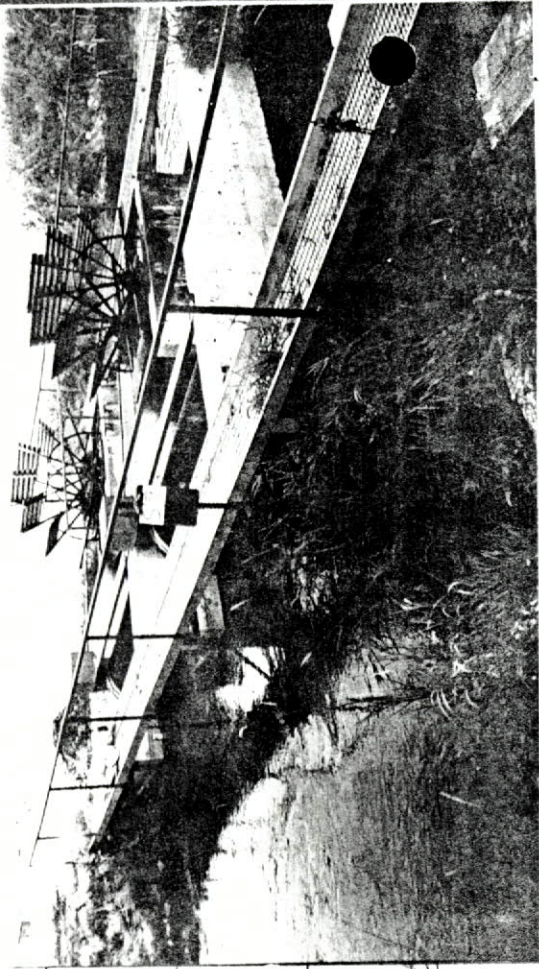
Handrails

2' x 3'

Ditch Siz

1988

Paint



S-9
Screen

yes
In Use

2-3' x 10'
Size

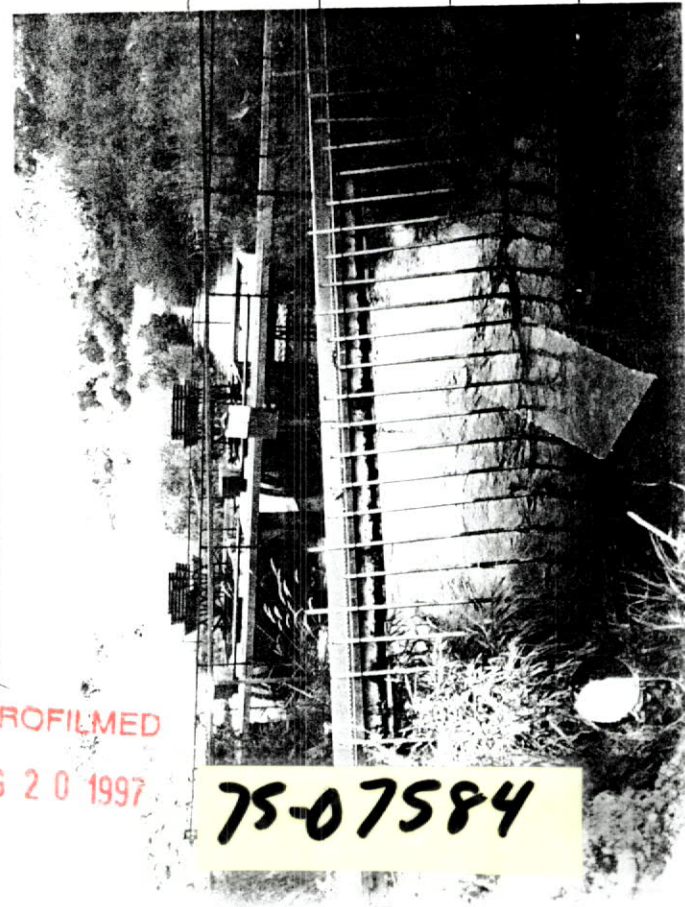
excellent
Structure

TYPE OF SCREEN 2 drum paddle wheel BYPASS SIZE 6" HOW REDUCED plate to top

PROX. LENGTH 20'-200' TRASH RACK yes HEADGATE yes

CONDITION excellent SCHEDULED REPLACEMENT 2020

MICROFILMED
AUG 20 1997



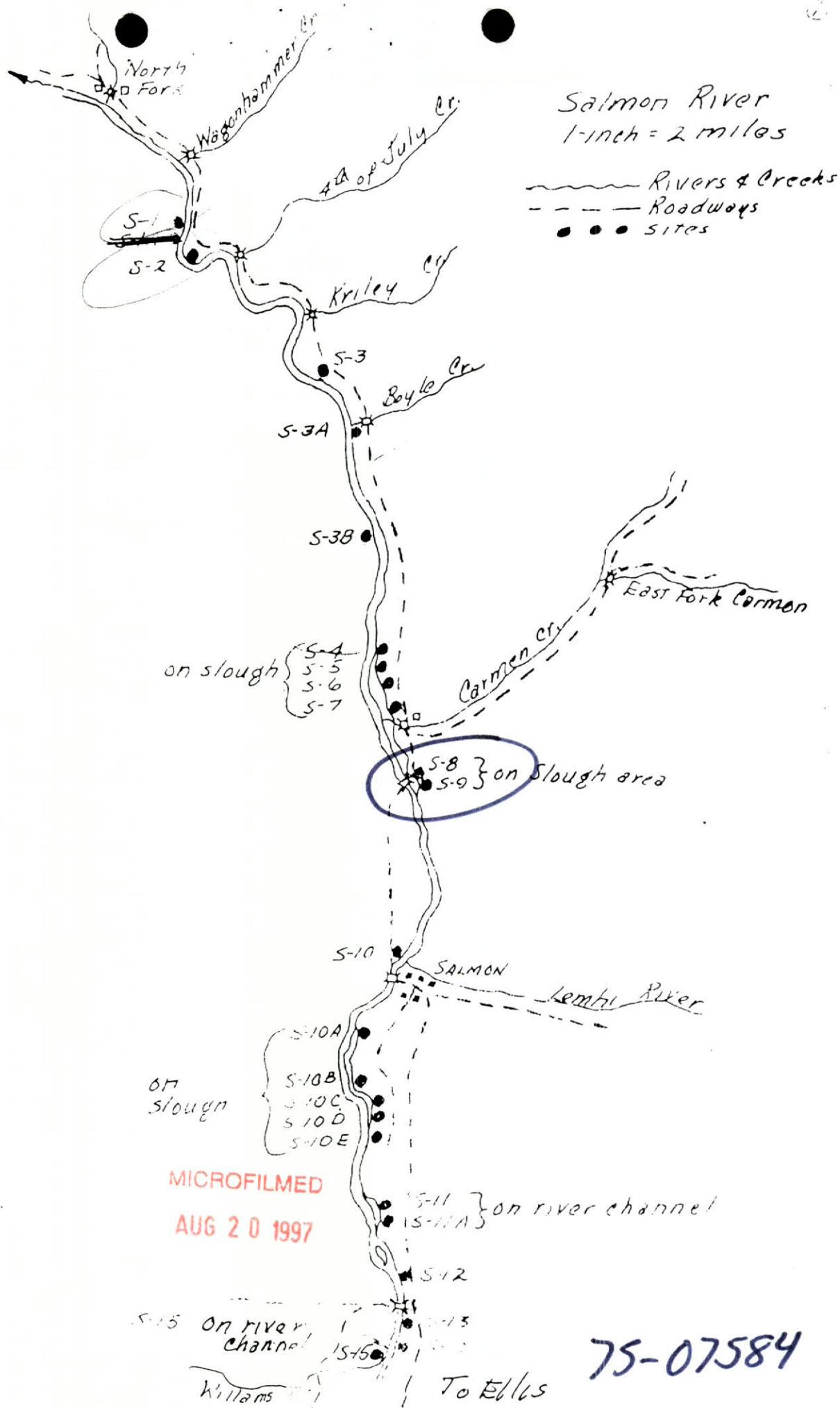
steel
Catwalk

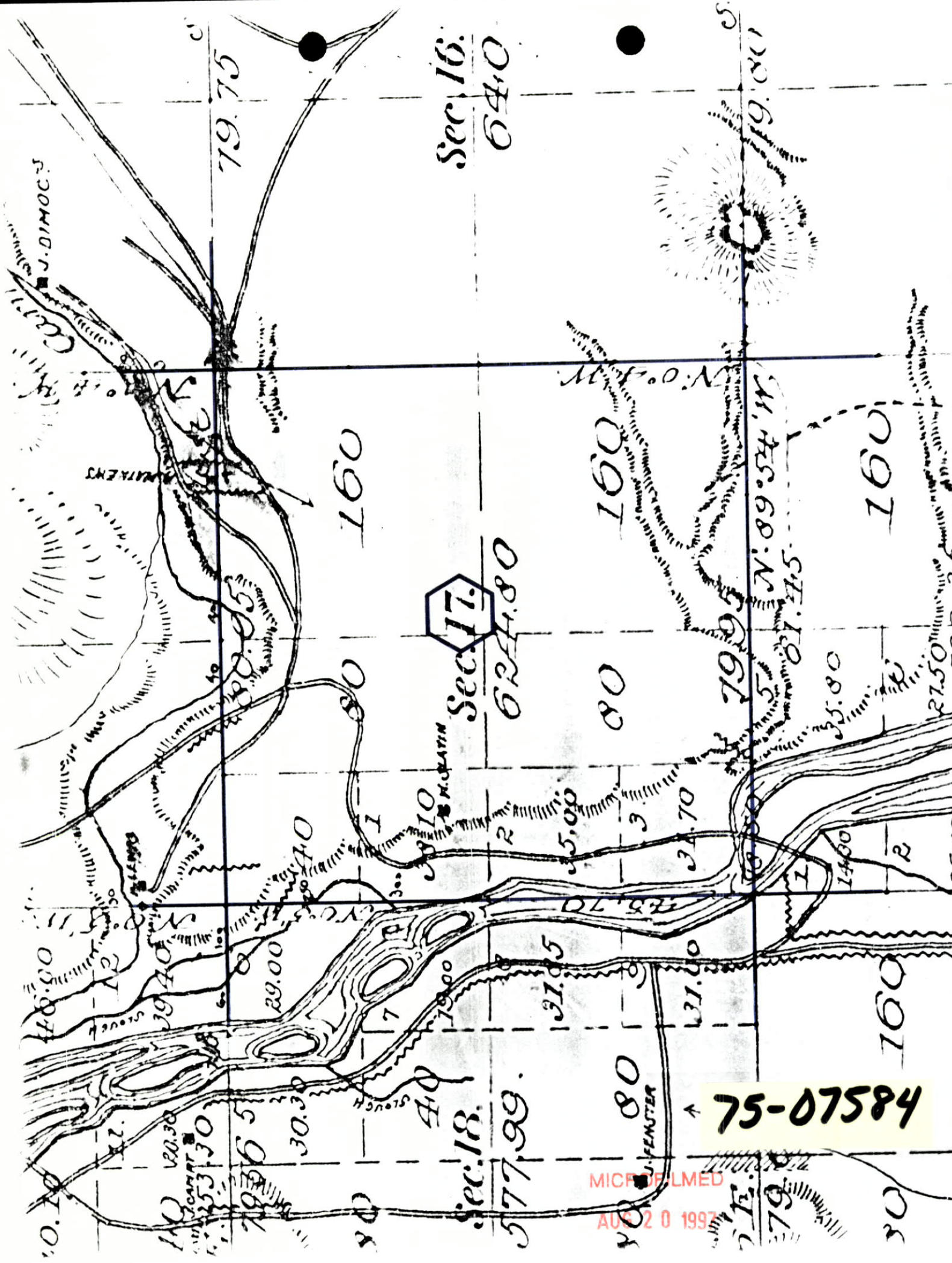
yes
Handrails

2' x 8'
Ditch Siz

1983
B

75-07584





Sec. 16.
64.0

Sec. 17.
62.4.80

Sec. 18.
577.93.

75-07584

MICROFILMED
AUG 20 1997

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 75-07584

Priority: June 9, 1992

Maximum Diversion Rate:

0.80 CFS

This is to certify, that STATE OF IDAHO

DEPT OF FISH & GAME

PO BOX 25

BOISE ID 83707

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated June 9, 1992; and has submitted Proof of Beneficial Use on January 13, 1993. An examination indicates that the works have a diversion capacity of 1.090 cfs of water from:

SALMON RIVER

tributary to SNAKE RIVER

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>
-----------------------	----------------------	--------------------------	----------------------

FISH PROPAGATION	03/15 to 11/15	0.80 CFS	
------------------	----------------	----------	--

LOCATION OF POINT(S) OF DIVERSION: Lot 3(SWSW), Sec. 17, Township 22N, Range 22E
LEMHI County

PLACE OF USE: FISH PROPAGATION

TWN RGE SEC

22N 22E 17

SWSW

CONDITIONS OF APPROVAL AND REMARKS

1. This water right is appurtenant to the described place of use.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. Use of water under this right shall be non-consumptive.
5. Fish propagation use is for fish protection through the installation of a deflecting screen at a diversion canal entrance and a bypass pipe to flush the fish back to the Salmon River.

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 14TH day of AUGUST, 1997.

RECORDED

AUG 20 1997

Acting for  KARL J. DREHER, Director

RECEIVED

JAN 13 1993

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

OFFICE USE ONLY

Amt. of Fee \$ 100.00

Date 1-14-93

Receipt No. C026514

Receipt by [Signature]

PROOF OF BENEFICIAL USE

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 a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 75-07584 Telephone No. (208) 334-3700
2. Name(s) of Permit Holder(s): Idaho Department of Fish and Game
3. Mailing Address: 600 S. Walnut, Boise, Idaho 83707
4. Source of Water: Salmon River, tributary ofr Snake River

If **GROUNDWATER**, Well Driller's Name: _____ Date Drilled: _____

OPTIONAL:

Pump horsepower: _____ Pressure (psi): _____ Dynamic pumping level (ft.): _____

5. Extent of Use (as authorized by the permit):

Domestic _____ (No. of households) Stockwater _____ (No. and type of stock)

Irrigation _____ (No. of acres) Other Fish Propagation

6. Total rate and/or volume for which proof is submitted 0.80 cfs OR _____ acre/feet

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

Measuring device: Required? ____ Yes X No Installed? ____ Yes ____ No

OR

Flow Measurement Port: Required? ____ Yes X No Installed? ____ Yes ____ No

8. Fee Enclosed: \$ 100.00 (See License Fee Schedule on back of Instruction Sheet)

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

Name Jim Blake Telephone No. (208) 756-2271

Address P.O. Box 1336, Highway 93 N, Salmon, Idaho 83467

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

Date

Signature (and title, if on behalf of a company or organization)

12-10-92

Jim Blake Const. Supervisor D.D.F. & G.

FEB 08 1993

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 75-07584

Proposed Priority: June 9, 1992 Maximum Diversion Rate: 0.80 CFS

This is to certify, that STATE OF IDAHO
DEPT OF FISH & GAME
PO BOX 25
BOISE ID 83707

has applied for a permit to appropriate water from:

SALMON RIVER tributary of SNAKE RIVER

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>
FISH PROPAGATION	03/15 to 11/15	0.80 CFS

LOCATION OF POINT(S) OF DIVERSION: Lot 3(SWSW), Sec. 17, Township 22N, Range 22E
LEMHI County

PLACE OF USE: FISH PROPAGATION
TWN RGE SEC

22N 22E 17 SWSW

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before October 1, 1993.
2. Subject to all prior water rights.
3. Use of water under this right shall be non-consumptive.
4. The issuance of this right in no way grants any right-of-way or easement across the land of another.
5. Fish propagation use is for fish protection through the installation of a deflecting screen at a diversion canal entrance and a bypass pipe to flush the fish back to the Salmon River.

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

16th day of September, 1992

R. Keith Higginson
for R. Keith Higginson, Director

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SEP 21 1992

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 75-7584
74/75

To appropriate the public waters of the State of Idaho

1. Name of applicant Idaho Department of Fish and Game Phone 334-3700
Post office address 600 S. Walnut, P.O. Box 25, Boise, ID. 83701-07
2. Source of water supply Salmon River which is a tributary of Snake River
3. Location of point of diversion is _____ $\frac{1}{4}$ of SW $\frac{1}{4}$ of SW $\frac{1}{4}$, Govt. Lot 3
Sec. 17 Township 22N Range 22E B.M. Lemhi County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount 0.8 for fish propagation purposes from 3/15 to 11/15 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 0.8 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc. Wooden structure with metal screen which prevents fish from entering irrigation ditch. Structure includes a bypass pipe which returns water and fish to the river
 - b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet; period of year when water will be diverted to storage: _____ to _____ inclusive.
 - c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
 - d. Is ground water with a temperature of greater than 90°F being sought? no
7. Time required for the completion of the works and application of the water to the proposed beneficial use is Screen was built in 1988 and has operated since that time.
_____ years (minimum 1 year).

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SEP 21 1992

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

- Hydropower; show total feet of head and proposed capacity in KW. _____
- Stockwatering; list number and kind of livestock. _____
- Municipal; show name of municipality. _____
- Domestic; show number of households. _____
- Other; describe fully. Screen prevents fish from entering irrigation ditch and bypass pipe returns fish to main river

9. Description of place of use:

- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- 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	
22N	22E	17											H						

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? L.J. and E. Bells

b. Who owns the land to be irrigated or place of use? Same as above

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. Easement agreement S-8 filed at Lemhi Co. Courthouse on 9/2/59; pages 313 & 314, Book E. L.J. and E. Bells - ditch owners

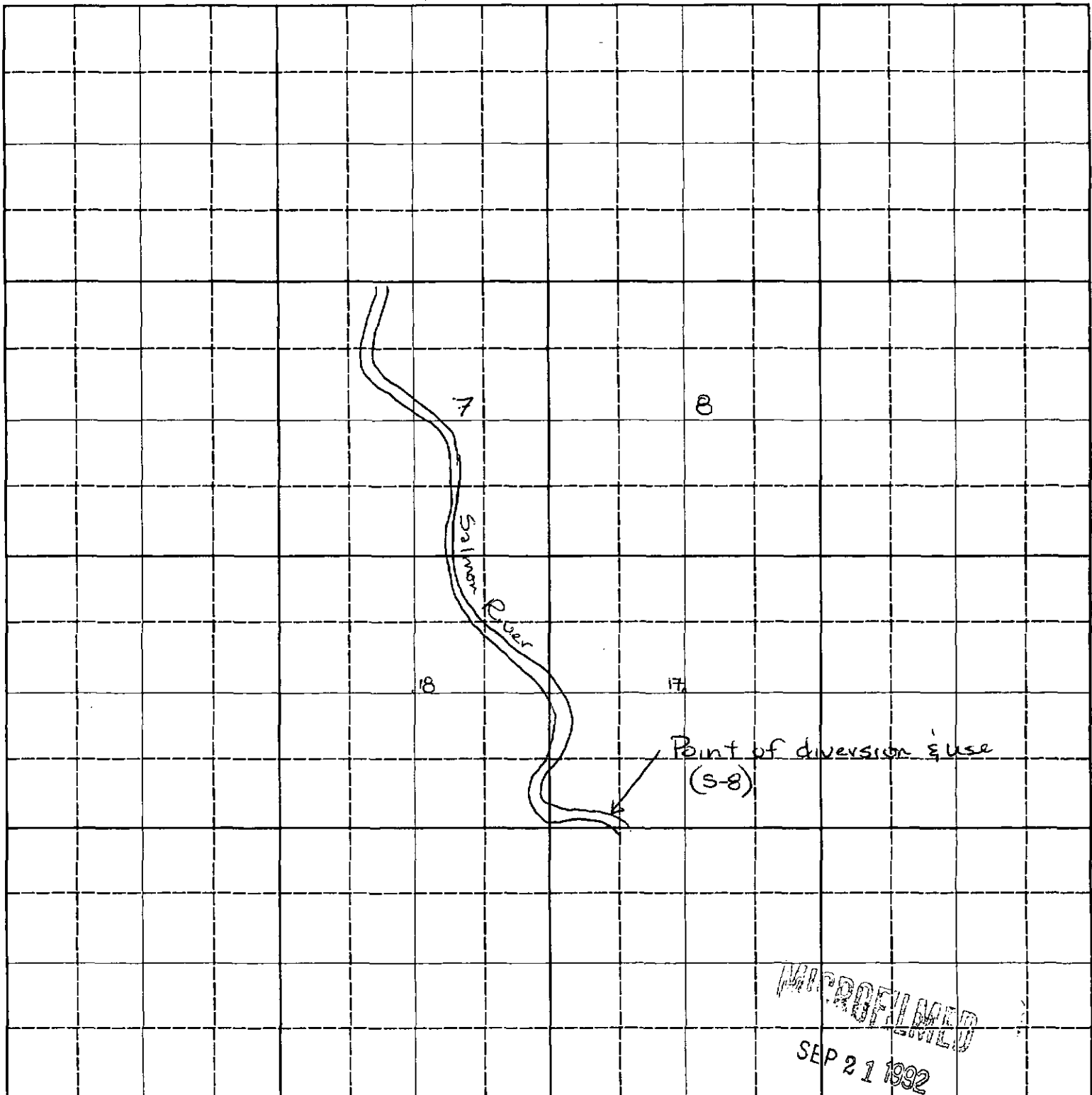
12. Remarks: Screen # S-8

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SEP 21 1992

75-7584

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

T. 22 N. R. 22 E



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.

Cynthia Robertson IDFG
(Applicant)

Received by SC Date 6/9/92 Time 2:30 Preliminary check by PDN
Fee \$ 450 Received by SC # C024477 Date 6/10/92 *fee rec'd 6/9*
Publication prepared by LB Date 7-2-9-92 Published in Bozeman Herald
Publication approved LB Date 7-24-92

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

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

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

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

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

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

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

e. Other:

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SEP 21 1992

**NOTICE OF APPLICATION
FOR WATER RIGHT**

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

75-07584

STATE OF IDAHO
DEPT OF FISH & GAME
PO BOX 25
BOISE, ID 83707
Source: SALMON RIVER
Tributary: SNAKE RIVER
County: LEMHI
Diversion Pt:
LOT 3 (SWSW) Sec 17 T 22N R
22E
Use: FISH PROPAGATION (.800
CFS)
Total Diversion: (.800 CFS)
Date Filed: 6/9/1992
In: LEMHI County
T22N R22E S17 SWSW

75-07585

STATE OF IDAHO
DEPT OF FISH & GAME
PO BOX 25
BOISE, ID 83707
Source: SALMON RIVER
Tributary: SNAKE RIVER
County: LEMHI
Diversion Pt:
SWSE Sec 34 T 24N R 21E
Use: FISH PROPAGATION (.800
CFS)
Total Diversion: (.800 CFS)
Date Filed: 8/24/1990
In: LEMHI County
T24N R21E S34 NESW

75-07586

STATE OF IDAHO
DEPT OF FISH & GAME
PO BOX 25
BOISE, ID 83707
Source: SALMON RIVER
Tributary: SNAKE RIVER
County: LEMHI
Diversion Pt:
NWSE Sec 27 T 24N R 21E
Use: FISH PROPAGATION (.800
CFS)

Total Diversion: (.800 CFS)
Date Filed: 6/9/1992
In: LEMHI County
T24N R21E S27 NWSE

The permit(s) will be subject to
all prior water rights. Protests must
be filed with the Director, Dept. of
Water Resources, Eastern Region,
150 Shoup Avenue, Suite 15, Idaho
Falls, Idaho 83402 on or before JULY
20, 1992.

R. KEITH HIGGINSON,
Director

Published: 7/2/1992 & 7/9/1992

7-2-2ac

Affidavit of Publication

STATE OF IDAHO

County of Lemhi

ss.

JUL 10 1992

Department of Water Resources
Eastern District Office

RICKY G. HODGES

being first duly sworn, deposes
and says he is one of the printers (publishers) of the RECORDER-HERALD, a newspaper published
weekly at Salmon, Lemhi County, Idaho, and of general circulation therein.

That the Notice of Application for Water Right

is a true
printed copy of which is attached to the margin hereof, has been and was correctly printed and pub-
lished in the regular and entire issue of every number of said newspaper and not in any supplement
thereof or thereto for two (2) consecutive issues, commencing with the issue
dated July 2, 1992 and ending with the issue dated July 9
1992.

STATE OF IDAHO

COUNTY OF LEMHI

ss.

On this 9 day of July in the year of 1992
before me, A Notary Public, personally appeared RICKY G. HODGES
known or identified to me to be the person whose name subscribed to the within instrument, and being
by me first duly sworn, declared that the statements therein are true, and acknowledged to me that he
executed the same.

Rachel E. Snook
Notary Public for Idaho

Residing At Salmon, Idaho

My Commission expires: 10/18/97

Publication Fee \$ 75.60

SEP 21 1992



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. BOX 83720, Boise, Idaho 83720-0098

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

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

August 14, 1997

STATE OF IDAHO
DEPT OF FISH & GAME
PO BOX 25
BOISE ID 83707

RE: WATER RIGHT NOS. 75-07584/75-07586

Dear Water Right Holder(s):

The Department of Water Resources (the Department) has issued the enclosed licenses confirming that water rights have been established in accordance with the permits referenced above. The licenses are preliminary orders issued by the Department pursuant to section 67-5243, Idaho Code. They can and will become final orders without further action of the Department unless a party petitions for reconsideration within fourteen (14) days after issuance as further described below:

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the Department within fourteen (14) days of the service date of this order. The Department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See section 67-5243(3) Idaho Code.

EXCEPTIONS AND BRIEFS

Within twenty-one (21) days after (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding. Otherwise, this preliminary order will become a final order of the Department.

If any party appeals or takes exceptions to this preliminary order, opposing parties shall have twenty-one (21) days to respond to any party's appeal. Written briefs in support of or taking exceptions to the preliminary order shall be filed with the Department. The Department retains the right to review the preliminary order on its own motion.

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ORAL ARGUMENT

If the Department grants a petition to review the preliminary order, the Department shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Department will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Department orders otherwise, all oral arguments will be heard in Boise, Idaho.

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Department in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with Rules of Procedure 302 and 303.

FINAL ORDER

The Department will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Department may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The Department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its issuance if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) the petition for reconsideration is disposed of; or
- (b) the petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

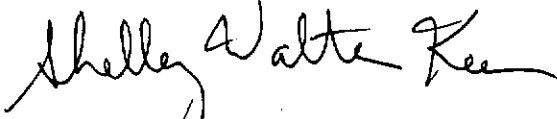
- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

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AUG 20 1997

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 87-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

Sincerely,

A handwritten signature in cursive script that reads "Shelley W. Keen". The signature is written in dark ink and is positioned above the typed name.

Shelley W. Keen
Water Rights Supervisor

SK:klt

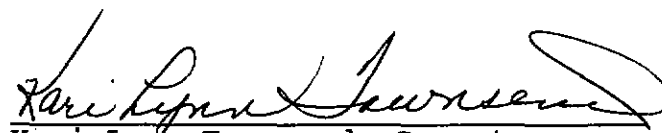
Enclosure

CERTIFICATE OF MAILING

I hereby certify that on the 14TH day of August, 1997, I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDERS (Approved Licenses) to the person(s) listed below:

WATER RIGHT NO. 75-07584/75-07586

**STATE OF IDAHO
DEPT OF FISH & GAME
PO BOX 25
BOISE ID 83707**


Kari Lynn Townsend, Secretary

MICROFILMED

AUG 20 1997

MEMORANDUM

TO: Files 75-07584, 75-07585, and 75-07586

FROM: Sharla

DATE: August 8, 1997

RE: Recommendation Adjustment(s)

These are only 3 of a number of Fish & Game rights filed for protection of fish by the installation of deflecting screens at diversion canal entrances and a bypass pipe to flush fish back to the river. Most of these filings have already been licensed. Because of the unique nature of the rights, and the fact that they are non-consumptive, no annual volume of water is listed on any of the licenses.

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AUG 20 1997

LICENSE REVIEW CHECKLIST

PERMIT NO. 75-07584

DATE _____

REVIEWER: SHARLA

NAME	Change <u>—</u>	OK <u>✓</u>	Address Change <u>No</u>
SOURCE	<u>—</u>	<u>✓</u>	Is change clarification of originally intended source? <u>—</u>
POINT OF DIV	<u>—</u>	<u>✓</u>	If not, prepare Notice of Intent to Void <u>—</u>
PLACE OF USE	<u>—</u>	<u>✓</u>	Amendment required <u>No</u>

Does map agree with written description? ✓ yes — no

OVERLAPS — P/D — P/U

RATE OF DIV

Permitted Rate	<u>.80</u> cfs
Fee limit	<u>1.0</u> cfs \$ <u>100.00</u>
Measured	<u>1.09</u> cfs
Theoretical	<u>—</u> cfs

Recommended Total Div Rate .80 cfs

ANNUAL VOLUME/
NATURE OF USES —

<u>✓</u>	Use <u>Fish</u>	cfs <u>.80</u>	Volume Calc <u>N/A</u>	af
				af
				af
				af
	SUBTOTAL			af

Flow rate _____ cfs X _____ days X 1.98 = _____ af

Total volume recommended _____ af

(SUBTOTAL or Flow Rate, whichever is less)

REMARKS

fish prop = fish prot. thru screen @
div. canal entrance, etc.

CONDITIONS

— Watermaster Control WD# _____
— GW Measurement/Measuring Device
— Overlap
— Use-specific conditions 027

Advancement of Priority Date Required — yes ✓ no

SRBA Claim Filed N/A

Adjustment Memo NO

1st Amend Letter N/A

2nd Amend Letter N/A

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

MAY 23 1997

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 75-07584

1. Owner: STATE OF IDAHO - DEPT. OF FISH & GAME Phone No. (208) 756-2271

Current Address: P.O. BOX 25, BOISE, IDAHO 83707

2. Accompanied by: N/A EXAM DATE: 2/14/96

Address: N/A Phone No. N/A

Relationship to Permit Holder: N/A

3. Source: SALMON RIVER tributary to SNAKE RIVER.

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 75-04150, 04339

2. Other water rights with the same point of diversion: 75-04150, 04339

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
	<u>L-3</u>	<u>SE</u>	<u>SW</u>	<u>SW</u>	<u>17</u>	<u>22N</u>	<u>22E</u>	<u>LEMHI</u>	<u>U.S.G.S. TOPO MAP</u>

2. Place(s) of Use:

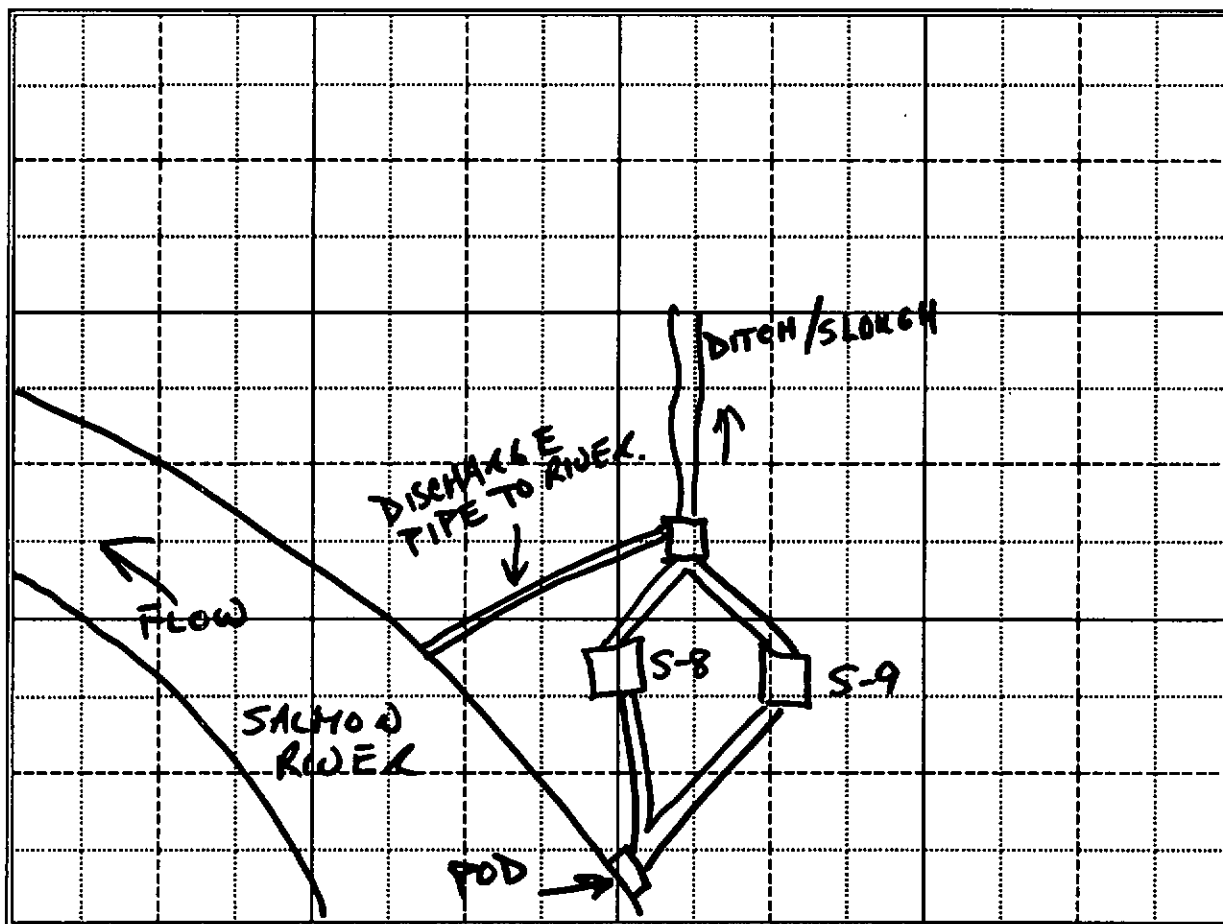
Indicate Method of Determination ON SITE INSP.

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
<u>22N</u>	<u>22E</u>	<u>17</u>											<u>H</u>						

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AUG 28 1997

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



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
N/A					

*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
N/A						

2. Measurements: NONE

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AUG 20 1997

E. NARRATIVE/REMARKS/COMMENTS

WATER IS DIVERTED FROM ONE POINT OF DIVERSION
TO TWO FISH SCREENS S-9 + S8 (POD TO BE REBUILT
BY FY 6 IN 1997/98).

PHOTOS: #8 POD DISCHARGE IS UNDER WATER AND NOT VISIBLE,
WHAT PHOTO SHOWS IS S-9 POD, S-8 IS BELOW S9.

WATER IS REDIVERTED UP STREAM OF SCREEN BACK TO
THE SALMON RIVER. THE INTENT IS TO HELP FISH
TRAPPED BY FISH SCREEN TO HAVE A "DOWN STREAM FLOW"
VIA THE 6" REDIVERSION PIPE, BACK TO THE RIVER,
6" DISCHARGE, 6" PER 100' GLADE, HEAD VARIES.
WATER USE IS NON-CONSUMPTIVE.

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

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F. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

*NOT APPLICABLE - DON CONSUMPTIVE USE.**Q - VARIES WITH RIVER HEIGHT AND IRRIGATION REQUIREMENTS
AT CONTROLLED POD. HEAD ABOVE REDIVERSION IS 2'.***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:

*0.80 cfs x 245 x 1.9835 = 388.8 AF***H. RECOMMENDATIONS**

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>FISH PROPAGATION</i>	<i>3/15</i>	<i>11/15</i>	<i>0.80</i>	<i>388.8</i>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:			<i>0.80 cfs</i>	<i>388.8 AFA</i>

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. AUTHENTICATIONField Examiner's Name SIMPKINS Date 1/8/97

Reviewer _____ Date _____

SEAL

MICROFILMED
AUG 20 1997

Hazen-Williams Equation for Closed Pipe Flow

Assumptions: Head Loss due to bends, couplings, & valves is negligible

$$Q_{cfs} = 1.318 C_h (\pi D^2/4) \times (D/4)^{0.63} \times (H/L)^{0.54}$$

Q = Discharge (cfs)

D = Pipe Diameter (ft) = .5 ft

L = Pipe Length (ft) = 200 ft MAX. LENGTH

H = Elevation Drop (ft) = 3 ft

C_h = Values for Types of Pipe = 150

- | | | | |
|-----|----------------------------------|-----|---------------------------|
| 150 | -Plastic (PVC) > 6" | 110 | -Riveted Steel |
| 140 | -Very Smooth, PVC < 6" | 100 | -Old Cast Iron |
| 130 | -Cast Iron | 80 | -Badly Corroded Cast Iron |
| 120 | -Wood, Concrete,
Welded Steel | | |

$$Q_{cfs} = 1.318 \left(\frac{C_h}{150} \right) \left[\pi \left(\frac{D}{.5} \right)^2 / 4 \right] \times \left(\frac{D}{.5} / 4 \right)^{0.63} \times \left(\frac{H}{3} / \frac{L}{200} \right)^{0.54}$$

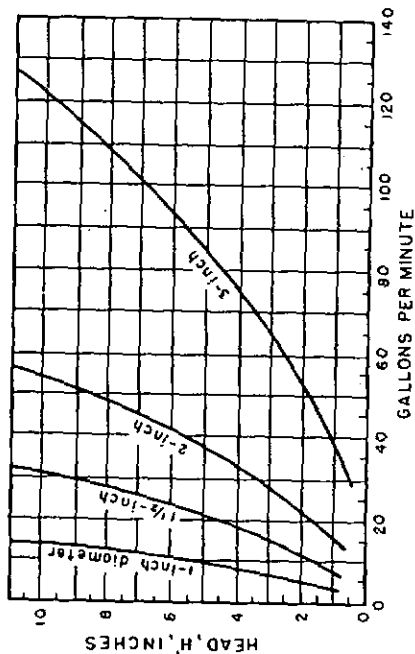
197.7 [0.1966] x 0.2698 x 0.1035

Q_{cfs} = 1.085 cfs

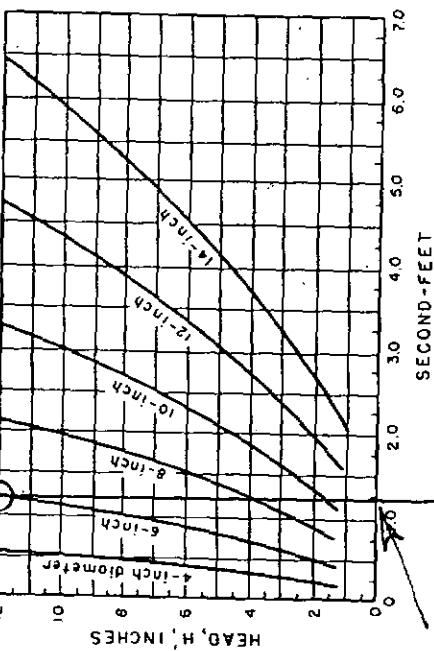
$$38,8727 \times 0.2698 \times 0.1035 = 1.085 \text{ CFS}$$

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AUG 20 1997

Permit # 75-07584

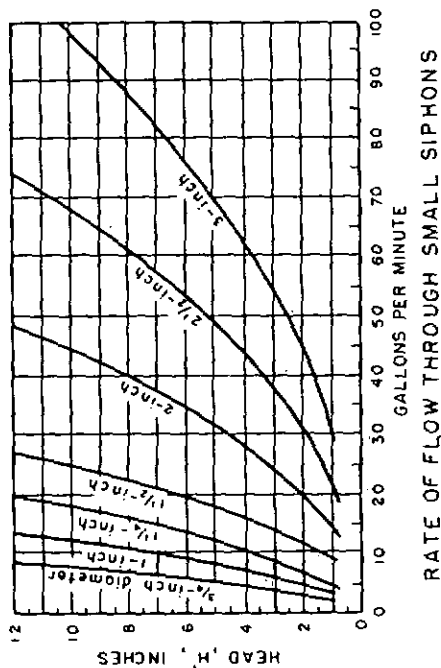


RATE OF FLOW THROUGH SMALL PIPE
HEAD IS LESS THAN
EXISTING SYSTEM HEAD

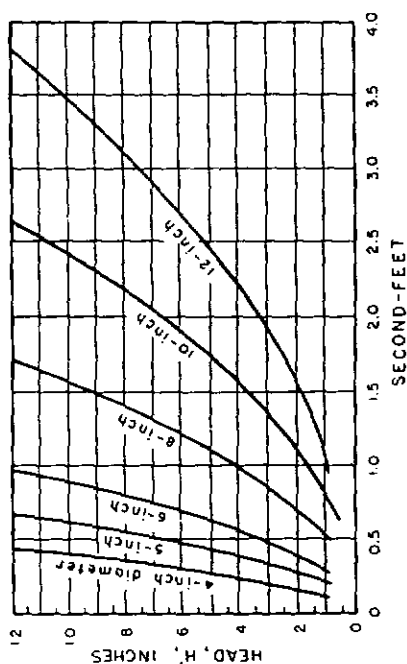


RATE OF FLOW THROUGH LARGE PIPE
Figure 95.—Rates of flow through ditch-to-furrow pipes for various heads. 103-D-980.

requirements, and operation and maintenance problems are discussed in section 112. A variety of propeller meter types and manufacture are commercially available, and the selection of a meter for a particular use must be based upon careful



RATE OF FLOW THROUGH SMALL SIPHONS



RATE OF FLOW THROUGH LARGE SIPHONS

Figure 96.—Rates of flow through ditch-to-furrow siphons for various heads. 103-D-981.

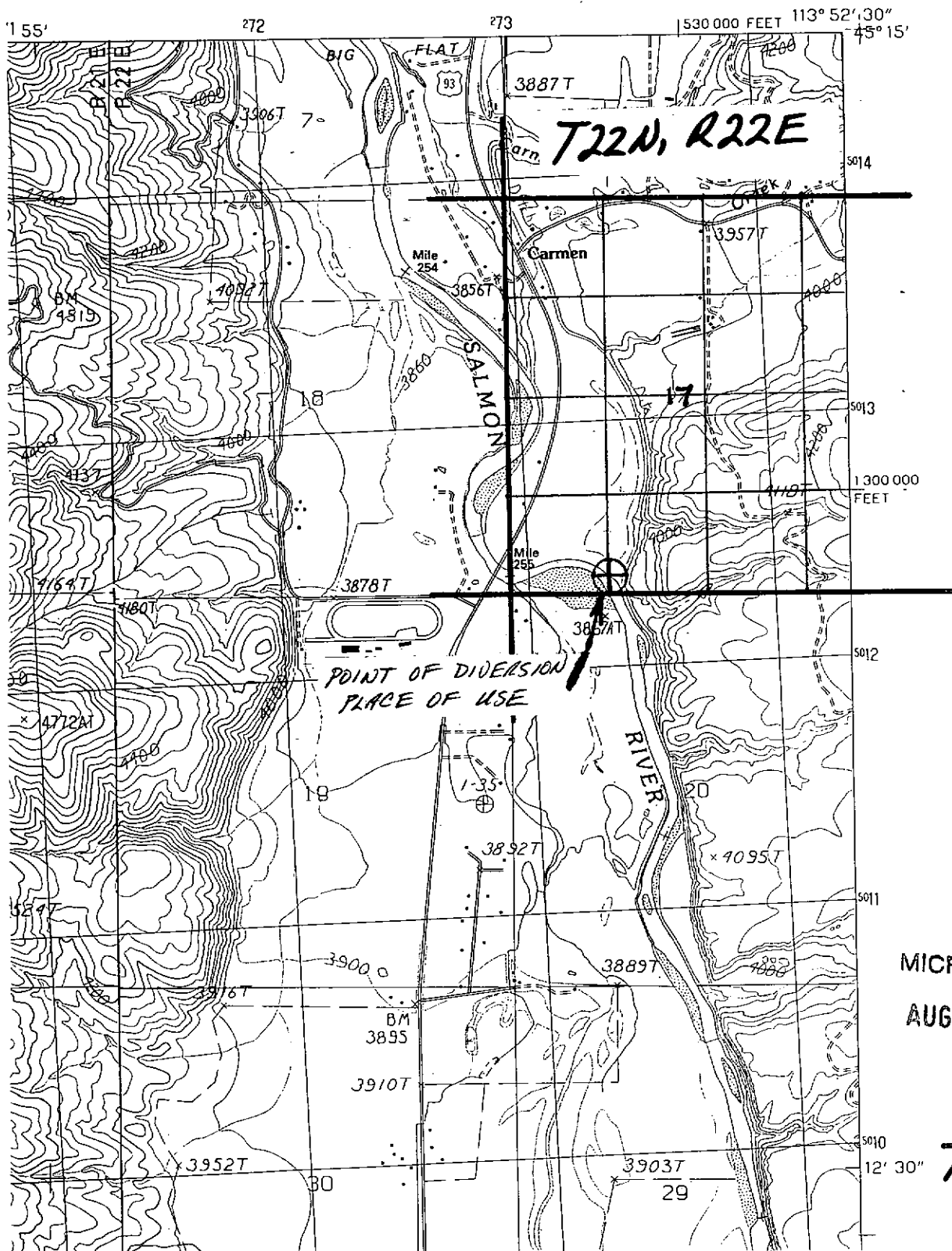
consideration of the many factors such as flow velocity, flow distribution, and sediment size that affect that installation.

189. **Proportional Meters.**—Proportional meters operate upon the principle of diverting into a separate passage and measuring

MICROFILMED
AUG 10 1987

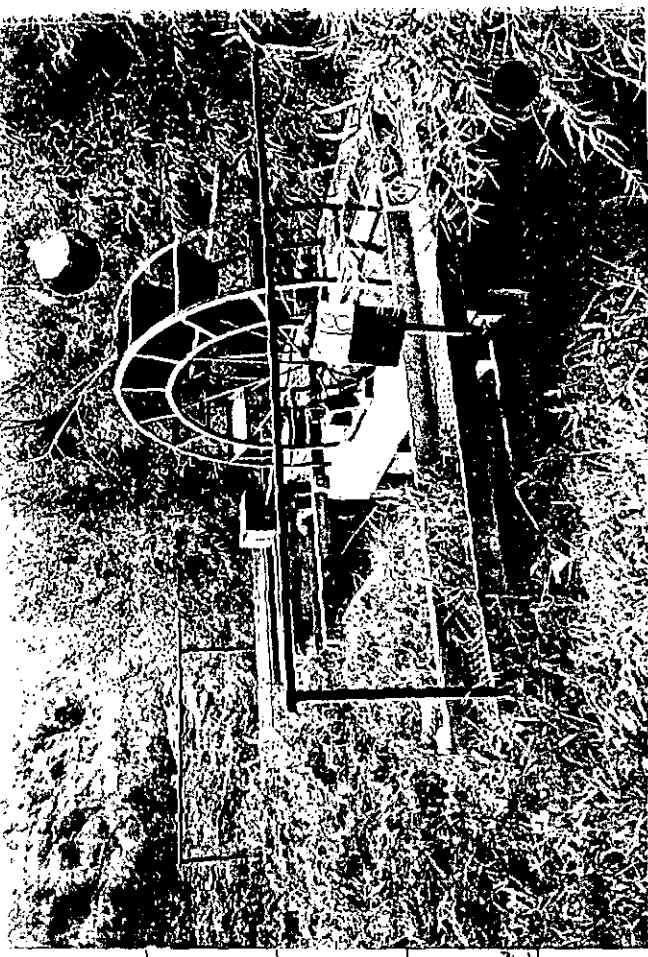
75 67554

SALMON QUADRANGLE
IDAHO-LEMHI CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



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AUG 20 1997

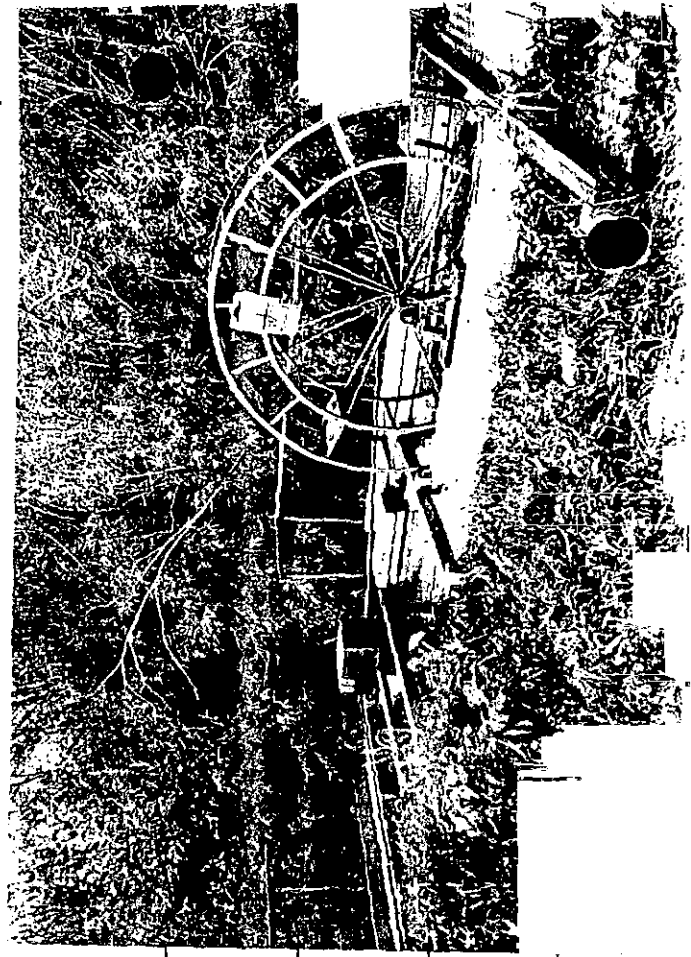
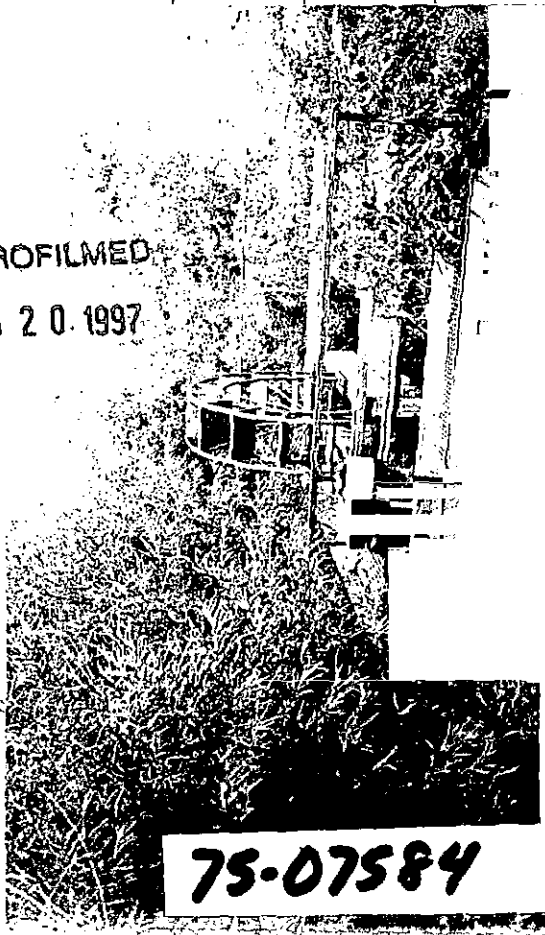
75-07584



TYPE OF SCREEN 1 drum, puddle PASS SIZE 6" HOW REDUCED plate + into 1mg Box

APPROX. LENGTH 15'-200' TRASH RACK none HEADGATE yes

CONDITION fair SCHEDULED REPLACEMENT 2020



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AUG 20 1997

yes
Catwalk

steel
Handrails

2' x 3'
Ditch Siz

1988
Built

excellent
Structure

yes
Use

24" x 4'
Size

8-8
Screen



TYPE OF SCREEN 2 drum paddle wheel

BYPASS SIZE 6"

HOW REDUCED plate w/ 1200 in

PROX. LENGTH 20' - 200'

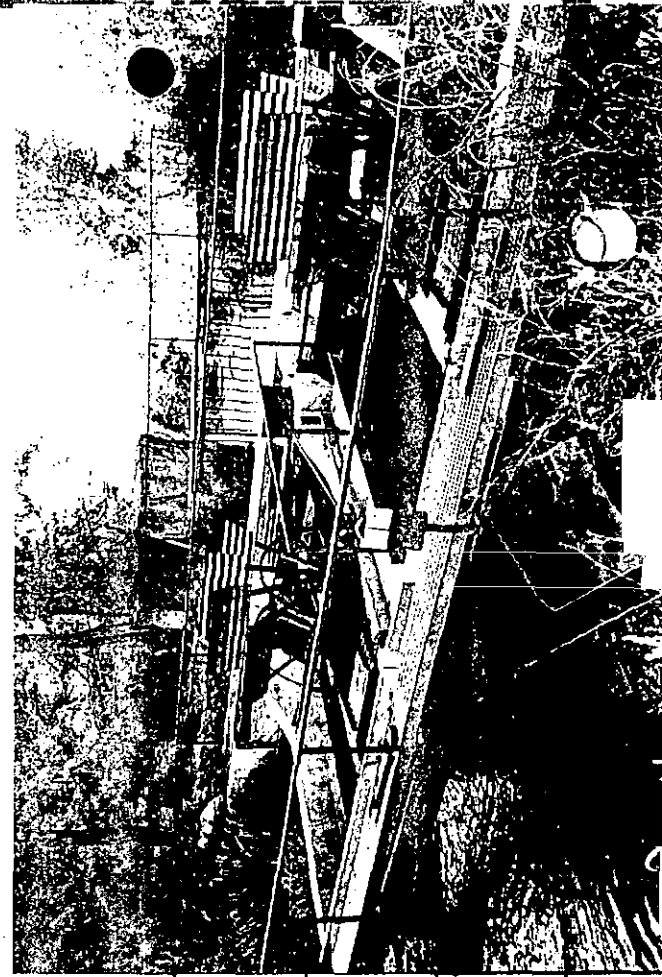
TRASH RACK yes

HEADGATE yes

CONDITION excellent

SCHEDULED REPLACEMENT 2020

MICROFILMED
AUG 20 1997



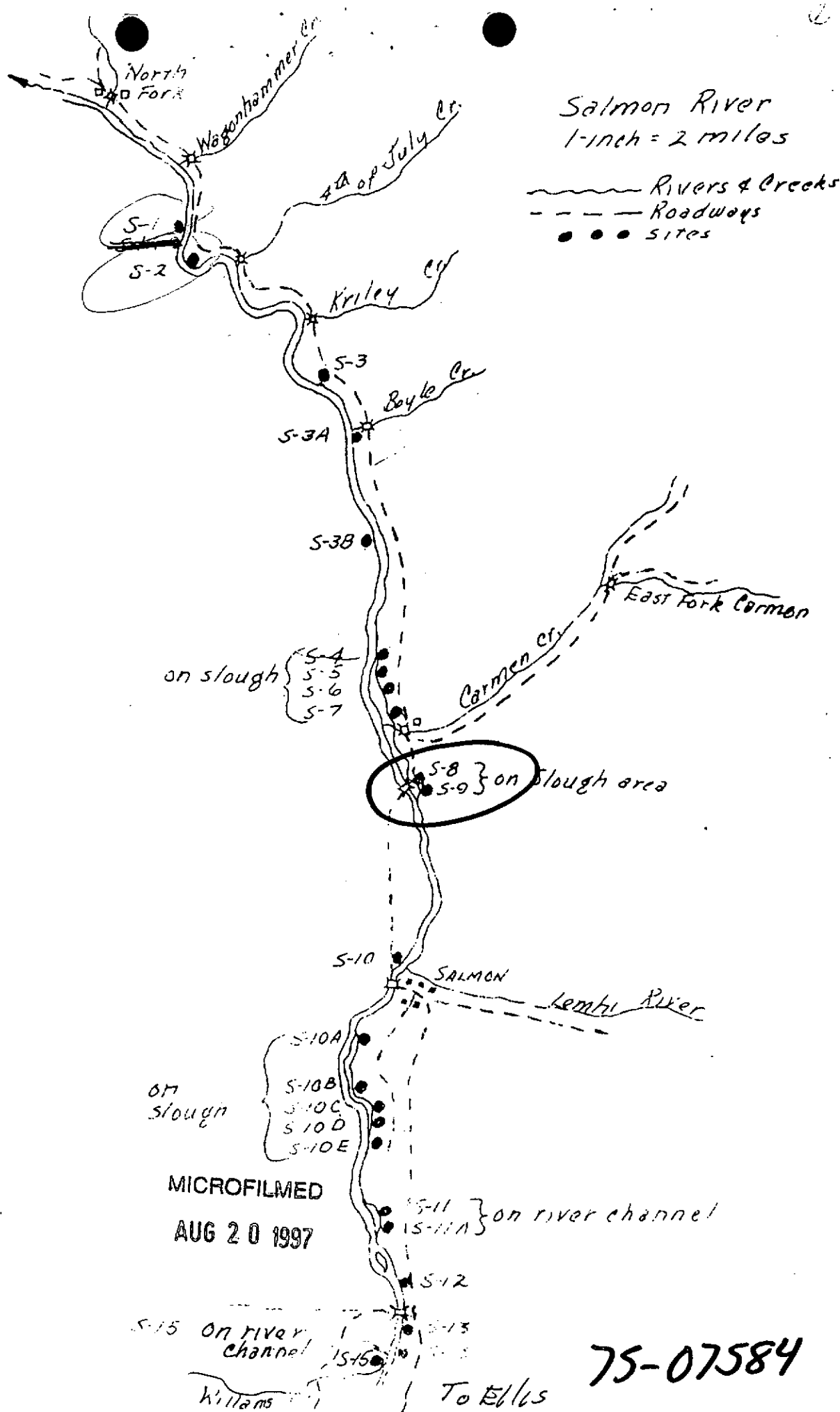
steel
Catwalk

yes
Handrails

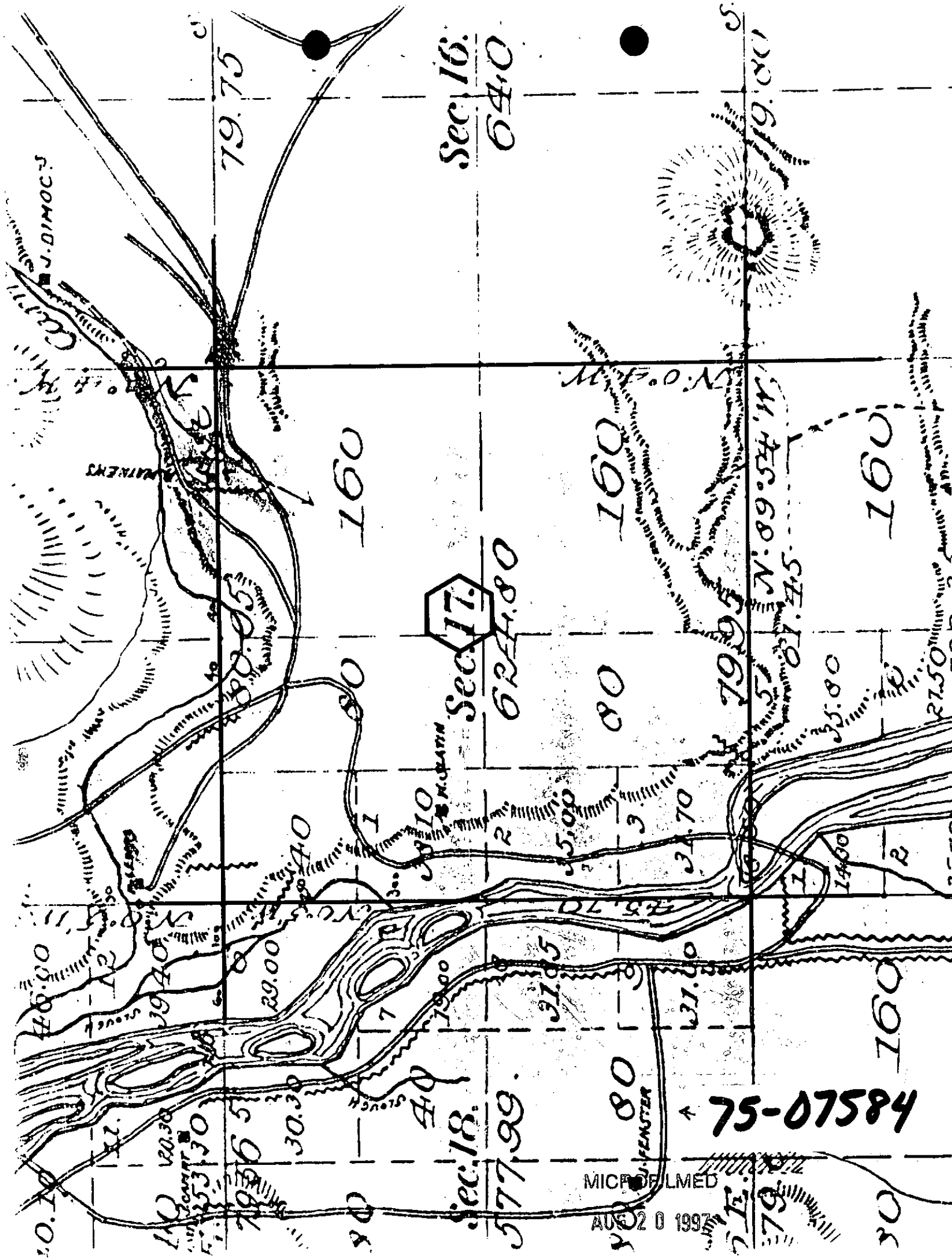
2' x 8'
Ditch Siz

1988
B₁

75-07584



75-07584



Sec. 16.
64.0

Sec. 17.
624.80

Sec. 18.
577.99

75-07584

MICROFILMED

AUG 20 1997

January 15, 1993

STATE OF IDAHO
DEPT OF FISH & GAME
PO BOX 25
BOISE ID 83707

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 75-07584

Dear Permit Holder:

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

If you have questions concerning this matter, please feel free to contact the EASTERN Regional Office in Idaho Falls at (208)525-7161.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

RECEIVED
FEB 08 1993

ANALYSIS SHEET
FOR
PROOF OF BENEFICIAL USE

Permit No. 75-07584 Reviewed by Klg Date 1/14/93

GENERAL CONSIDERATIONS

TYPES OF USE

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

SOURCE OF WATER

✓ Surface water source
Ground water source
NA 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?
100 Amount Submitted
yes Correct?

MEASURING DEVICE

NA Required?
/ Installed?
/ Waiver requested?

PRIORITY CALCULATION

Date proof received NA
Date proof due _____ - _____
No. of days late _____ = _____
Priority Date _____ + _____
New Priority Date _____

DEFICIENCIES OR ACTION ITEMS

proof acceptable

DATA ENTRY

New Address _____

Proof Made

1/13/93
1/15/93 Klg



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

September 17, 1992

STATE OF IDAHO
DEPT OF FISH & GAME
PO BOX 25
BOISE ID 83707

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 75-07584

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.

Enclosed is 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 is a form entitled "Proof of Beneficial Use". If your project is already completed you should complete and submit this form immediately.

Sincerely,

BRENDA L. MILLER
Water Resource Agent

BLM:cz

Enclosures

REPRODUCED

SEP 1 1992

APPLICATION FOR PERMIT REVIEW

Application #: 75-7584 Date: 9-14-92 Reviewer: Brenda Miller

Bm

SYSTEM COMPLETED:

No - 26A-P17
 Complete in 1 year - P16
 Yes
 Proof not submitted - P16
 Proof submitted - N/A

GROUNDWATER:

GT. 0.2 cfs <flo-ch> - 01G-P03, 01C-P03 (existing well)
 - NMR <fl ch>, A of C
 LT. 0.2 cfs - No measurement required <flow chart>
 Drilling Permit:
 Approved w/permit - P99
 Not included - 046-46A-46B-P23 (after 7/1/87), N/A
 SURFACE WATER: not in w/d - 01C-P03 (=GT.2 w/pump), NMR <flow chart>
 LOCATION:

Water Districts - WD No. _____
 Surface water - R04, R04-01H-P01(LT.2 w/pump)
 R04-01J-P08(GT.2), NMR <flow chart>
 Groundwater - P05
 Irrigation Districts - 023
 Canal Co. Areas - 023
 Drainage Districts - 024
 Boise Front (63) - 058 (Groundwater)
 Swan Falls Flag - _____ (1, Blank or Other)
 Trust - 051-052-053-P74(Consumptive Uses)
 Non Trust <1> - 048-049

RIVER BASINS:

(Surface Water) Water District Control Condition &....
 Boise (63) - 05A & 11E
 Payette (65) - 047-P04, 059-P71
 Snake (01, 02 & 03) - 11A-P04(01), 061-P07(02/03 No W.D.Cond.)

USE:

Fish Propagation - NA → { 06A, 09E-P10 & 010 (WQ/Choose One),
 042(req.), 002-P06(MD), 07A(Spec.),
 044(Policy 5G)
 Power - Use Power Review
 Mining - 06A, 010, or 09E-P10 & 054(req.)
 Storage - 18A-for multiple measuring devices(In WD),
 18B-P09(Size)
 Rec/Wildlf/Aes - 027(Non-Consumptive)
 Domestic - 021 (Boise River - upstream from L Peak)
 (restricted areas) 27A (Payette River & main tributaries)

OWNERSHIP:

Non land owner - 004

PROTESTED:

Agreement - 020

Beneficial Use Due Date: -

Other Conditions:

10-01-1993

Salma - Clearwater

SK

ok to advertise
15
Dist. for staffing: 17-Jun-1992
Submitted for advertising: 6-17-92

Form No. 202a
4/87

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATIONS FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY JPM DATE 6-17-92 APPLICATION NO. 75-07584
APPLICANT NAME: IDAHO DEPARTMENT OF FISH AND GAME
Sumner D. Brown

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

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 trust water 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 JUL 30 1992

RECEIVED
Department of Water Resources

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
☐ Adjudication Bureau Unit ☒ Other SPOSHONE - BUDOCK

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 7-20-92
☐ 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. 78
☐ Yes ☐ No Special conditions of approval or cover letter below.

Date of priority recommended _____ See below for additional information
By _____ Date _____

STATE OFFICE REVIEW

By _____ See below for additional information
Date _____

ADDITIONAL INFORMATION

Since this water is to flush fish off the fish screen on a
diversion canal, I would assume it is to be delivered out of
sequence as to priority. This should apply to
Appl. 75-7585, -7586 & 73-7120.

LOCAL PUBLIC INTEREST

Comments received from

_____ City	_____ Idaho Fish & Game	_____ Irrigation District
_____ County	_____ Idaho Health & Welfare	_____ Canal Company
_____ Reservations	_____ Division of Environment	_____ Other _____

Project impacts/implications report

COMMENTS

NOTICE OF APPLICATION FOR TRUST WATER RIGHT

MICROFILMED

SEP 21 1992

75-07584

STATE OF IDAHO
DEPT OF FISH & GAME
PO BOX 25
BOISE, ID 83707

Source: SALMON RIVER

Tributary: SNAKE RIVER

Diversion Pt: LOT 3 (SWSW) Sec 17 T 22N R 22E in LEMHI County.

Use: FISH PROPAGATION (.800 CFS)
Total Diversion: (.800 CFS)

Date Filed: 6/ 9/1992

In: LEMHI County
T22N R22E S17 SWSW

NOT RECORDED

SEP 21 1992

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, Statehouse Mail, Boise, Idaho 83720 on or before JULY 20, 1992.

R. Keith Higginson, Director

Published: 7/ 4/1992 & 7/11/1992

RECEIVED

SEP 21 1992



IDAHO FISH & GAME

600 South Walnut
P.O. Box 25
Boise, ID 83707-0025

June 3, 1992

Mr. Jim Johnson
Idaho Department of Water Resources
STATEHOUSE MAIL
Boise, ID 83720

Re: Water Right Application for Fish Screens

Dear Mr. Johnson:

I have enclosed 33 applications for permit and a check for \$1,485.00 for fish screens in the Salmon River Basin. These applications are for nonconsumptive uses of water. The screens prevent fish from entering irrigation ditches and becoming stranded. The fish are shunted into bypass pipes near the screens and are returned back to the stream below the irrigation ditch.

I have had several conversations with Water Resources personnel regarding the need to apply for water right permits for these fish screens and have received conflicting responses. When I filed our Department's claims for the Snake River Basin Adjudication, I was told that we should file claims for existing fish screens and applications for permit for screens that were built after 1971. Conversely, since filing our adjudication claims, I have been told that because the use of the water is nonconsumptive and no additional water is diverted down the ditches to run the screens, we do not need a water right to use them.

Could you clarify for me whether or not we need to file applications for the fish screens? If we do not need to file the enclosed applications, please return them to me with the check. If we are required to file applications, then you have them and the payment for processing them. If I can provide you with any further information regarding these applications, please call me at 334-2597. Thank you in advance for your help in this matter.

Sincerely,

Cindy Robertson

Cindy Robertson
Fishery Biologist

CR:tlv

Enclosure

cc: Jim Blake, Salmon
Lee VanDeBogart, Engineering

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

Equal Opportunity Employer



Working for wildlife since 1938

MICROFILMED

SEP 21 1992

APPLICATIONS FOR WATER RIGHT PERMITS FOR FISH SCREENS
IN THE SALMON RIVER BASIN

<u>Screen Number</u>	<u>Cost</u>
EF-14 ✓	\$45.00
EF-20	45.00
EF-22	45.00
EF-24	45.00
EF-HC-3	45.00
S-1	45.00
S-8	45.00
S-20	45.00
S-21	45.00
S-21A	45.00
S-23	45.00
S-24	45.00
S-28	45.00
S-32	45.00
S-33	45.00
S-38	45.00
S-39	45.00
S-39A	45.00
S-40	45.00
S-41	45.00
S-42	45.00
S-43	45.00
S-44	45.00
S-45	45.00
S-47	45.00
S-PC-1	45.00
S-VC-1	45.00
S-VC-2	45.00
S-VC-3	45.00
S-VC-4	45.00
S-VC-6	45.00
S-WSC-1	45.00
S-WCS-2	45.00

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SEP 21 1992