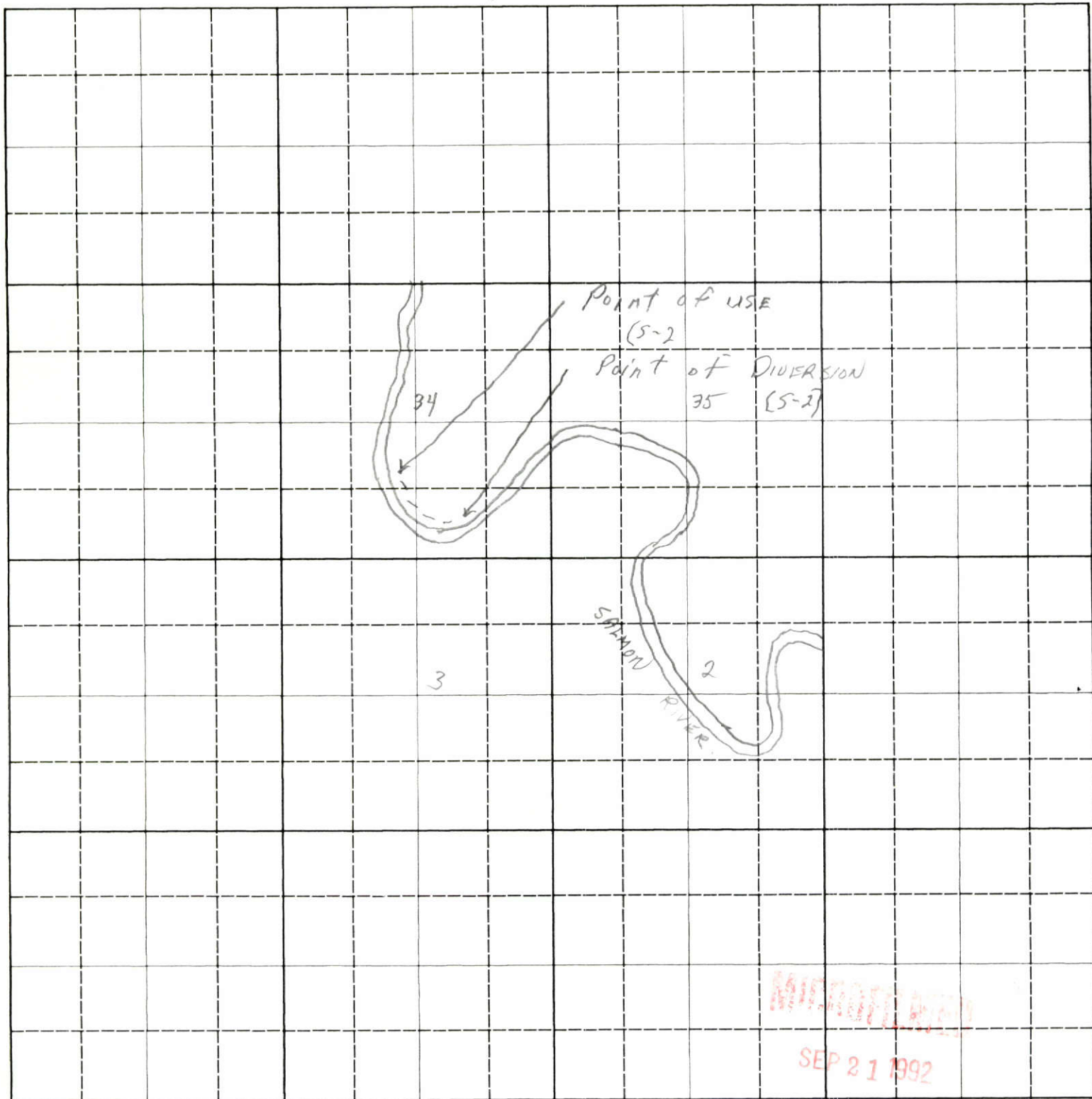


75-7585

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

R. 21 E

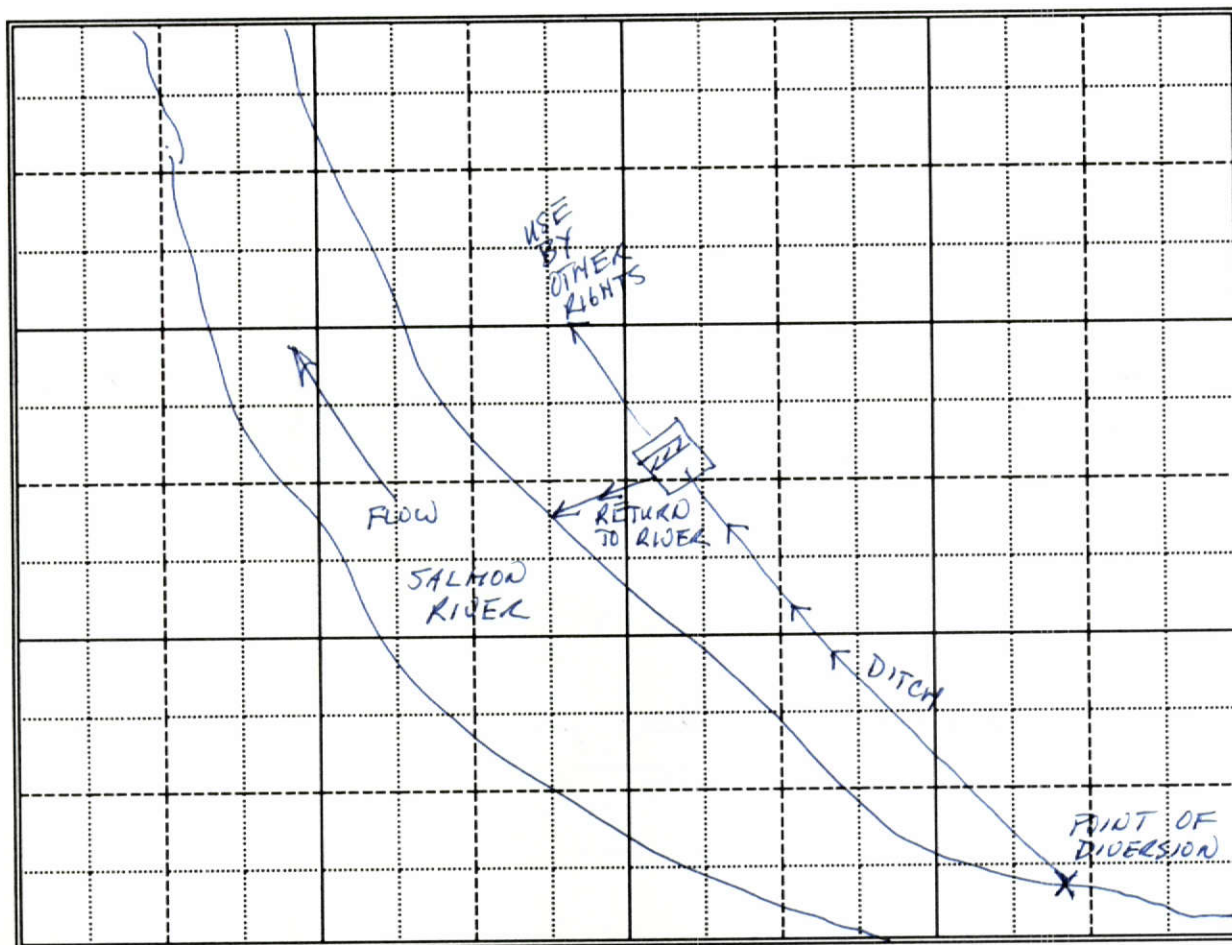


Scale: 2 inches equal 1 mile.

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.

[Signature]
(Applicant)

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



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

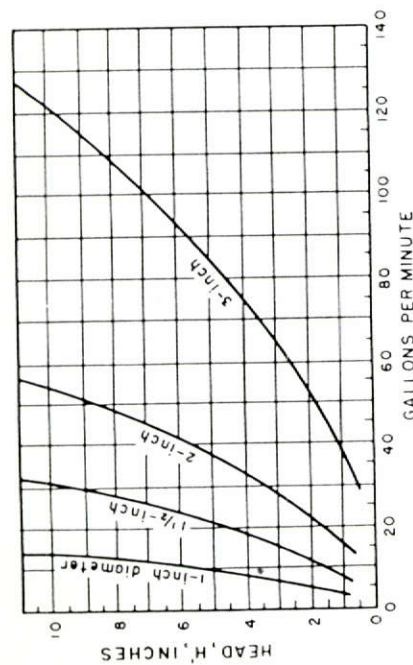
D. FLOW MEASUREMENTS

1.

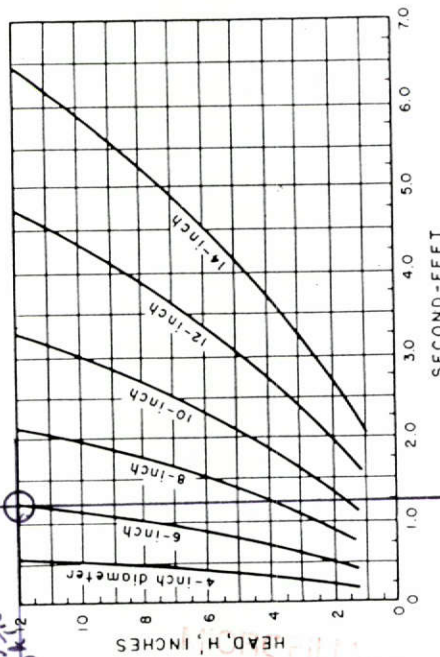
Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
N/A						

2. Measurements: N/A

SEP 16 1937



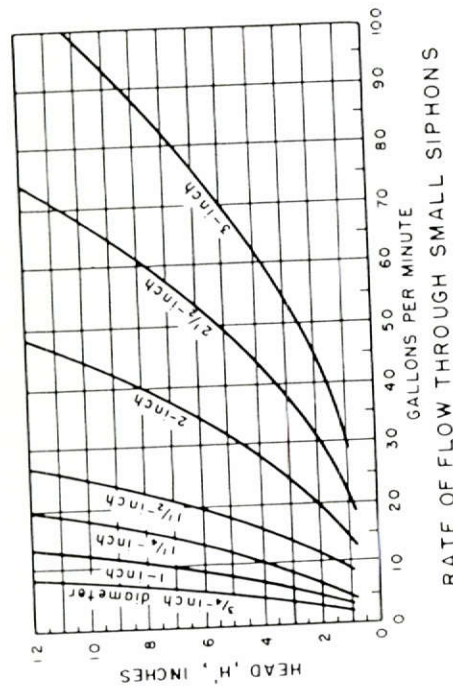
RATE OF FLOW THROUGH SMALL PIPE



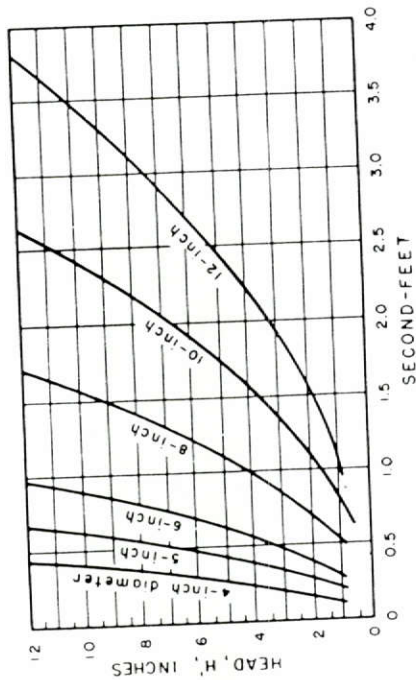
RATE OF FLOW THROUGH LARGE PIPE

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.

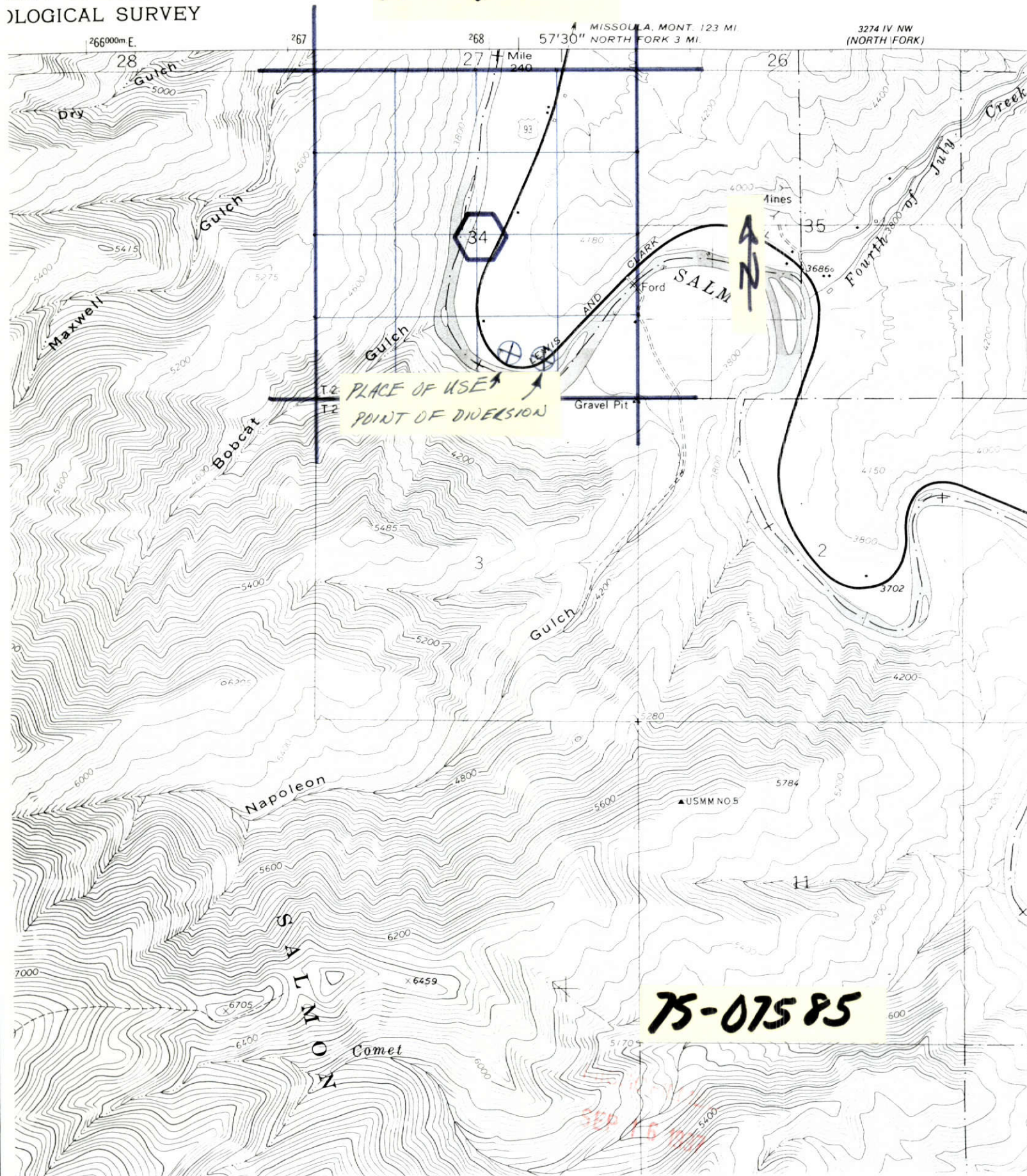
129. **Proportional Meters.**—Proportional meters operate upon the principle of diverting into a separate passage and measuring

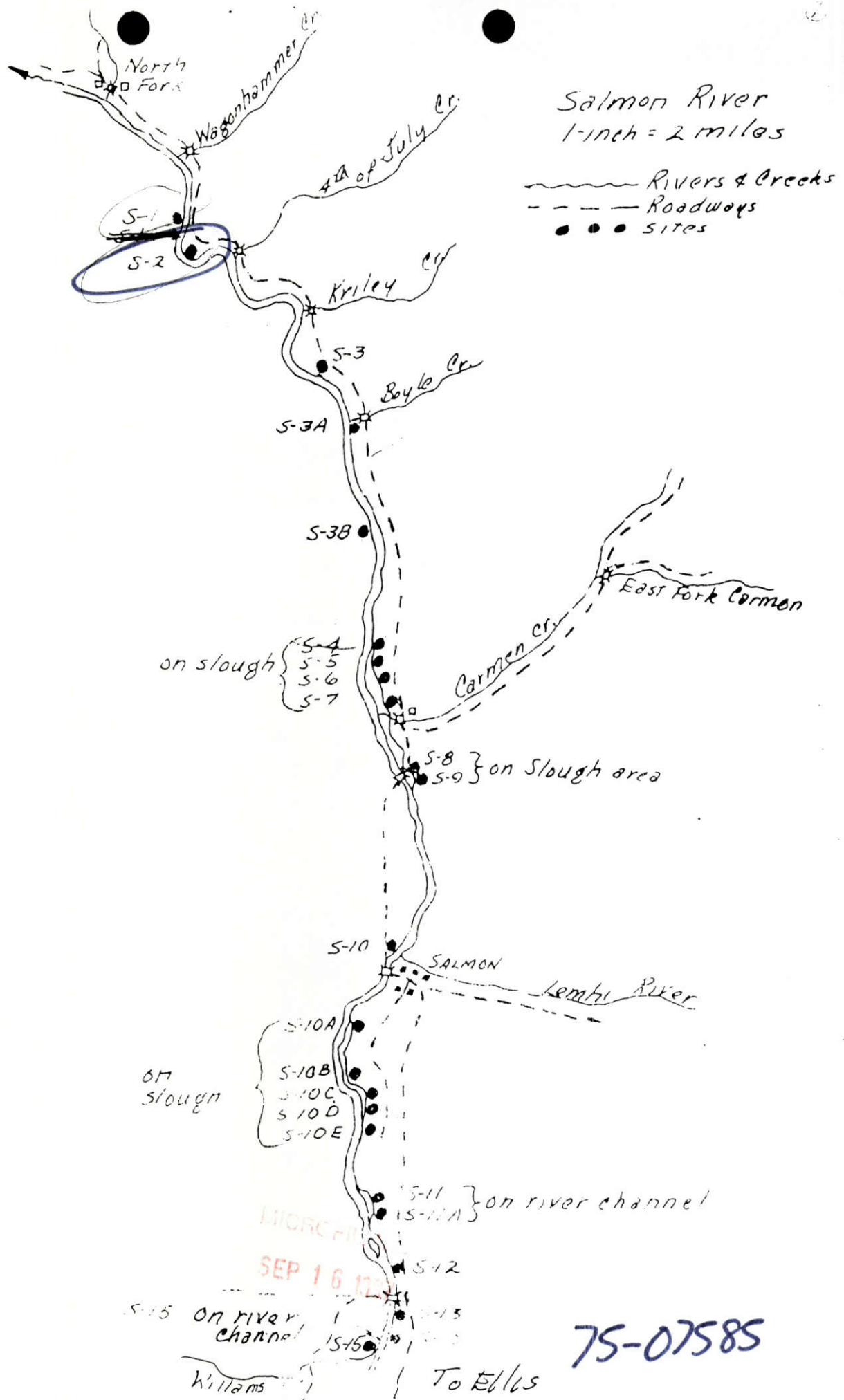
SEP 16 1957

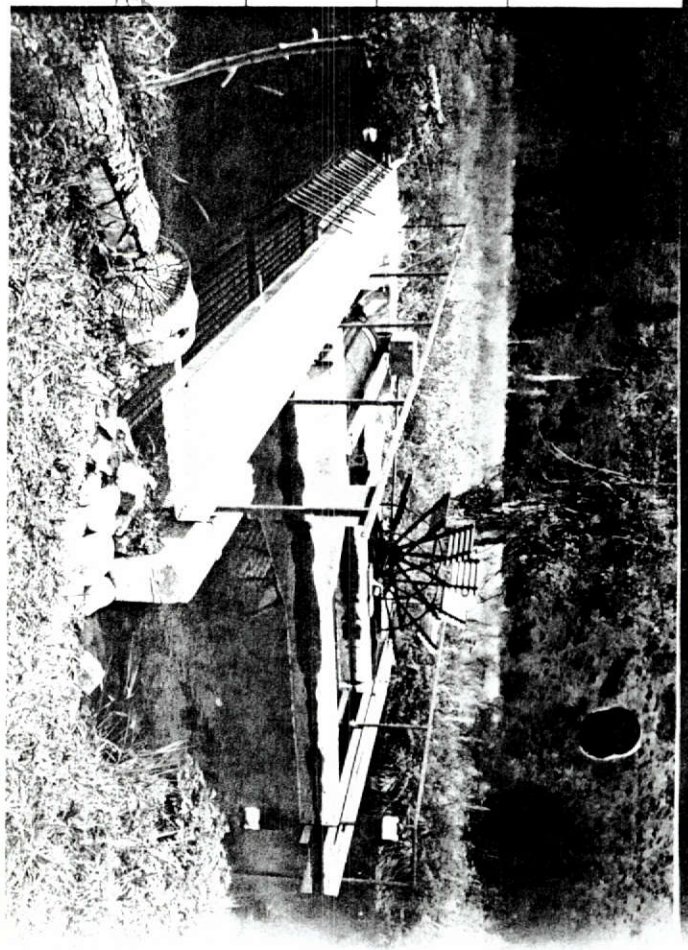
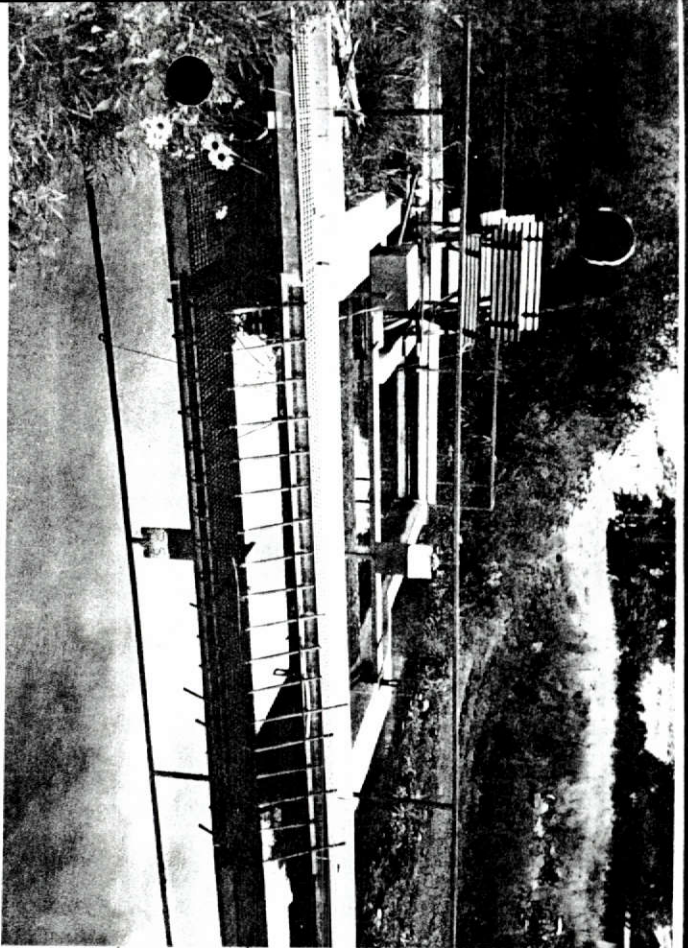
75-07585

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

T24N, R21E







S2

yes
In Use

30" x 10'
Size

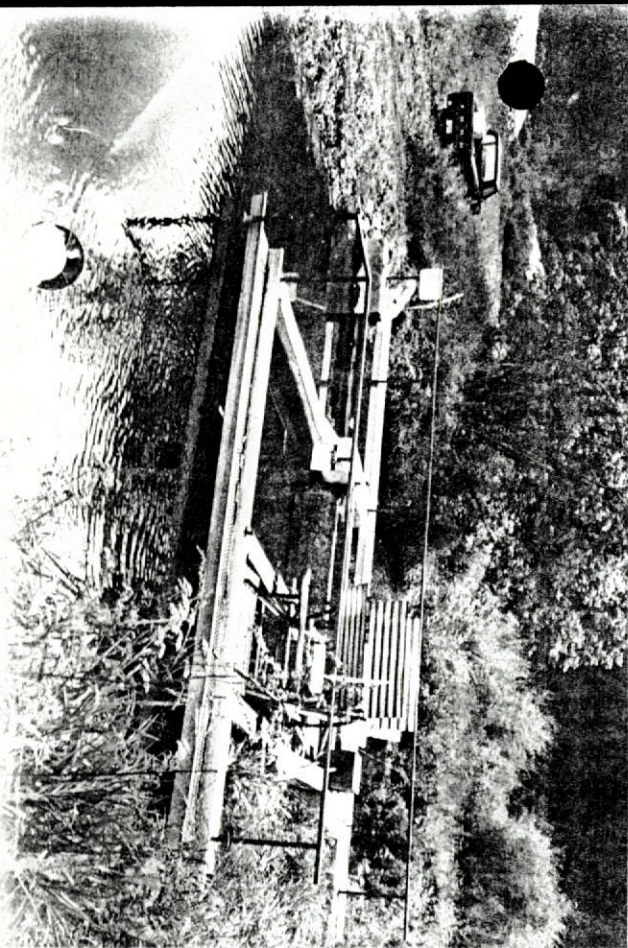
by all land
Structure

TYPE OF SCREEN rotary drum
APPROX. LENGTH 150'

BYPASS SIZE 6"
TRASH RACK yes

SCHEDULED REPLACEMENT

HOW REDUCED plate
HEADGATE no



steel
Catwalk

yes
Handrails

2' x 10'
Ditch Size

1990
B

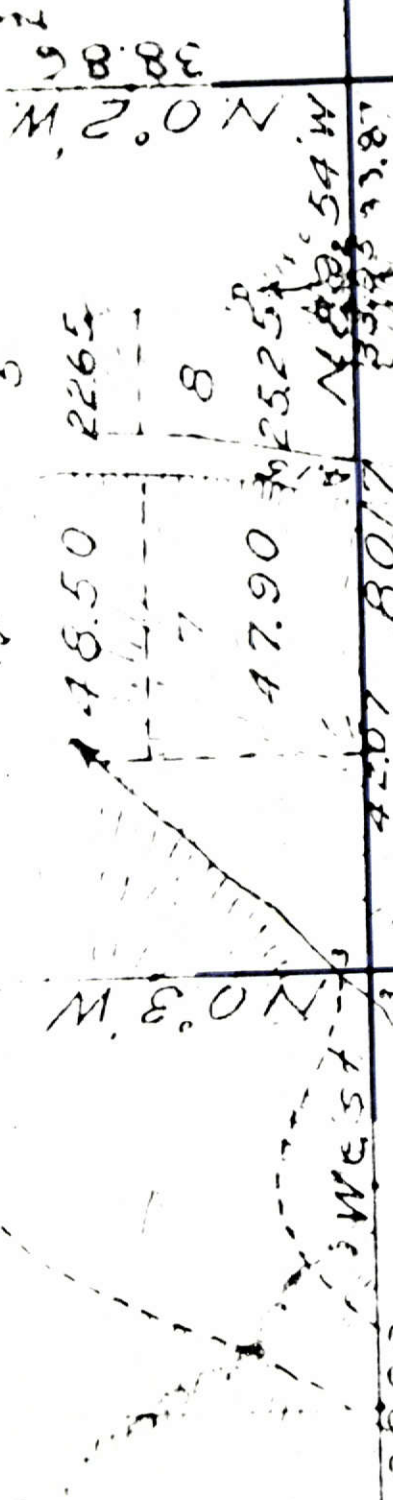
RECEIVED
SEP 16 1997

75-07585

Sec. 26
640

Sec. 27. 2075
WATER WHEEL
58180

Sec. 28.
640



GEO. MEARN

Sec. 33

Sec. 34

Sec. 33

75-07585

SEP 16 1937

WEST

Q

4

P

1

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 75-07585

Priority: August 24, 1990

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 August 24, 1990; and has submitted Proof of Beneficial Use on January 13, 1993. An examination indicates that the works have a diversion capacity of 1.210 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 9(SWSE), Sec. 34, Township 24N, Range 21E
LEMHI County

PLACE OF USE: FISH PROPAGATION
TWN RGE SEC
24N 21E 34 Lot 9(SWSE)

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 29TH day of AUGUST, 1992.

MICROFILMED

SEP 16 1997

Acting for  **KARL J. DRENTH, Director**

State of Idaho
Department of Water Resources

RECEIVED

AUG 27 1997

Department of Water Resources

APPLICATION FOR AMENDMENT

(For Licensing Purposes)

WATER RIGHT NO. 75-07585

Date of Priority: August 24, 1990

Maximum Diversion Rate:

0.80 CFS

Comes now

STATE OF IDAHO

DEPT OF FISH & GAME

PO BOX 25

BOISE ID 83707

and represents to the Director of the

Idaho Department of Water Resources:

That he is the owner and holder of Permit to appropriate the Public Waters of the State of Idaho No. 75-07585, and requests that the permit be changed as follows:

Source: SALMON RIVER

tributary to SNAKE RIVER

BENEFICIAL USE

PERIOD OF USE

RATE OF DIVERSION

ANNUAL VOLUME

FISH PROPAGATION

03/15 to 11/15

0.80 CFS

LOCATION OF POINT(S) OF DIVERSION: Lot 9(SWSE), Sec. 34, Township 24N, Range 21E
LEMHI County

PLACE OF USE: FISH PROPAGATION

TWN RGE SEC

24N 21E 34 Lot 9(SWSE)

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

Signed at Boise ID, this 25 day of August, 1997.

MICROFILMED

SEP 16 1997

Leif Van De Bogaert
(Signature)

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 75-07585

FOR DEPARTMENT USE ONLY

Preliminary check by SUK Fee = 5000 Received by bb # 603094 Date 8/27/97

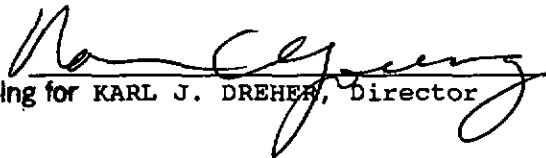
ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, Karl J. Dreher, of the Department of Water Resources hereby approve the
above Application for Amendment for Permit No. 75-07585 with the following;

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.

Witness my hand this 29th day of August, 1997.


Acting for KARL J. DREHER, Director

MICROFILMED
SEP 16 1997

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. 0076514
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. 75-07585 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 of Snake River

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

OPTIONAL:

Pump horsepower: _____ Pressure (psl): _____ 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.

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

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

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)

FEB 08 1993

12-10-92 Jim Blake County Supervisor R D F & S.

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 75-07585

Proposed Priority: August 24, 1990 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:

SWSE , Sec. 34, Township 24N, Range 21E
LEMHI County

PLACE OF USE: FISH PROPAGATION
TWN RGE SEC

24N 21E 34 NESW

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.

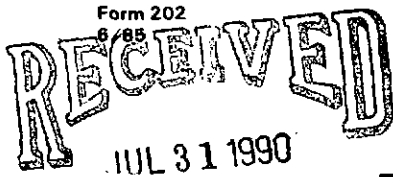
This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the signature of the Director, affixed at Boise, this

16th day of September, 1992

[Signature]
for R. Keith Higginson, Director

APPROVED

SEP 21 1992



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 75-7585

To appropriate the public waters of the State of Idaho
Department of Water Resources

1. Name of applicant Idaho Dept of Fish & Game Phone (208) 334 3700

Post office address 600 South Walnut, Box 25, Boise Id. 83707

2. Source of water supply SALMON RIVER which is a tributary of SANKE RIVER

3. Location of point of diversion is _____ 1/4 of S.W. 1/4 of SE 1/4, Govt. Lot _____

Sec. 34 Township 24N Range 21E B.M. LEAH County; additional
points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.800 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) 0.800 and/or (b) _____
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. CONCRETE STRUCTURE WITH
METAL SCREEN WHICH PREVENTS FISH FROM ENTERING IRRIGATION DITCH.

STRUCTURE INCLUDES A BYPASS PIPE WHICH RETURNS WATER TO THE
MAIN STREAM - TO COMPLY WITH ID. LAW 36902

b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage:

_____ to _____ inclusive.

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

d. Is ground water with a temperature of greater than 90°F being sought? _____

7. Time required for the completion of the works and application of the water to the proposed beneficial use is

DEC 31, 1990 years (minimum 1 year).

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. FISH PROPAGATION - BY PASS AT FISH SCREEN
TO PROVIDE FOR FISH PASSAGE.

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	
24N	21E	34									H								

Total number of acres to be irrigated _____

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

- Who owns the property at the point of diversion? OTIS TURNER
- Who owns the land to be irrigated or place of use? TOM BOUTLAK, MARVIN ENGLAND, MAURICE HOLCOMB
KEN SMITH, JACK HENSEN, HABIE FORSTER, TOM GOVAN, GLENN GODDARD
- If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. STATE LAW 36902 - EASEMENTS BEING
PRESSED.

12. Remarks: _____

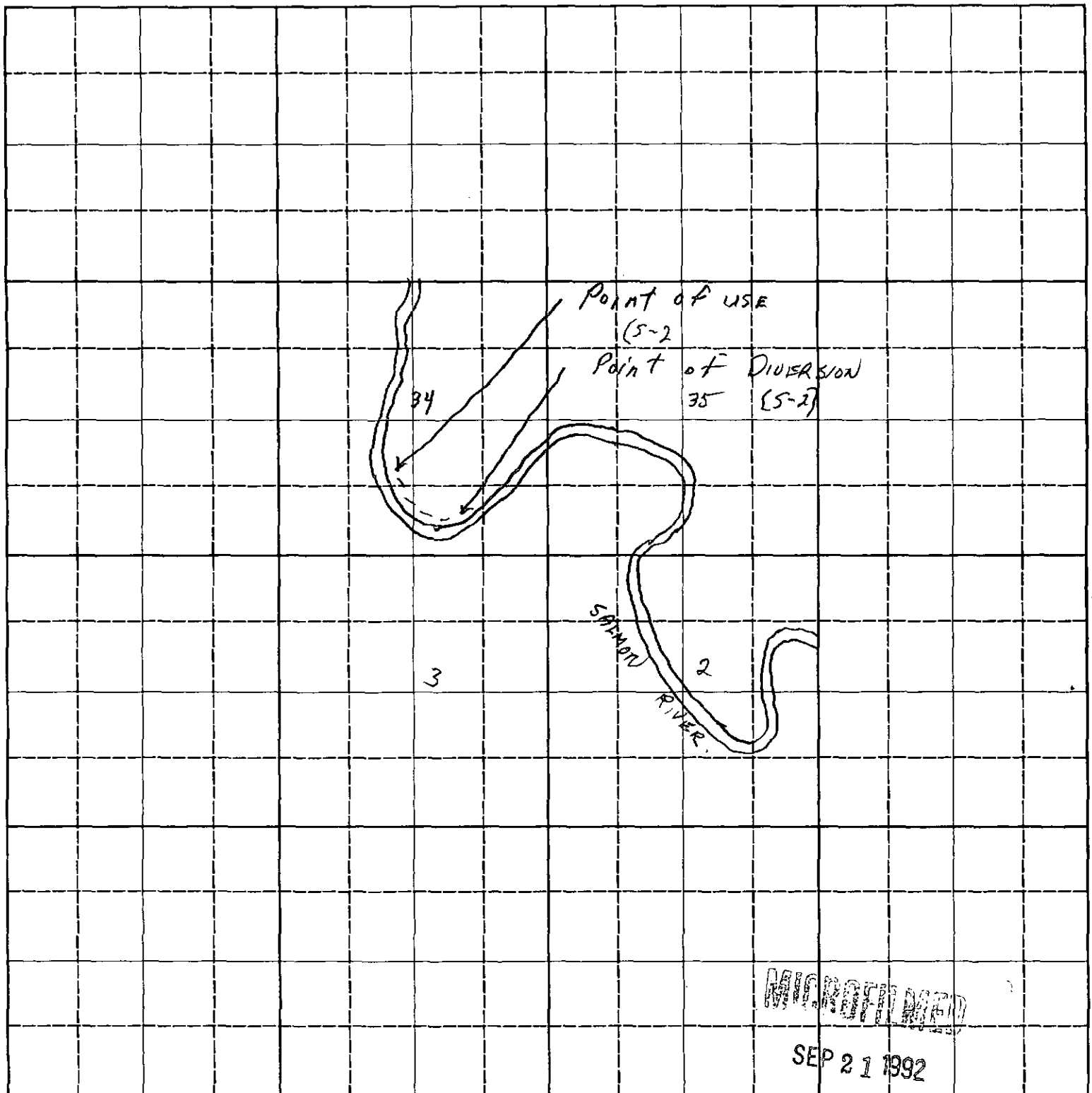
RECORDED

SEP 21 1992

75-7585

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

R. 21 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.

[Signature]
(Applicant)

Received by J. Brown Date 8-29-90 Time 11:48 Preliminary check by JDH
Fee \$ 45.00 Receipted by mjh # CO 18129 Date 8/24/90
Publication prepared by LB Date 7-29-92 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:

MICROFILMED

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

7-2-21c

Affidavit of Publication

STATE OF IDAHO

County of Lemhi

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 published 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

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.

Residing At Salmon, Idaho

My Commission expires: 10/18/97

Publication Fee \$ 75.60

RECORDED
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

August 29, 1997

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

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

RE: WATER RIGHT NO. 75-07585

Dear Water Right Holder(s):

The Department of Water Resources (the Department) has issued the enclosed license confirming that a water right has been established in accordance with the permit referenced above. The license is a preliminary order issued by the Department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action of the Department unless a party petitions for reconsideration or files an exception and/or brief 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.

MICROFILMED

SEP 16 1997

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.

2
MICROFILMED
SEP 16 1997

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

For your records I have also enclosed a copy of your Application for Amendment of Permit, which was approved.

Sincerely,

A handwritten signature in cursive script, reading "Shelley W. Keen".

Shelley W. Keen
Water Rights Supervisor

SK:klt

Enclosure

MICROFILMED
SEP 16 1987

CERTIFICATE OF MAILING

I hereby certify that on the 29th day of August, 1997, I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER (Approved License) to the person(s) listed below:

Water Right No. 75-07585

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


Kari Lynn Townsend
Secretary

FILED
SEP 16 1997



DEPARTMENT OF WATER RESOURCES

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

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

August 12, 1997

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

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

RE: WATER RIGHT NO. 75-07585

Dear Permit Holder(s):

The above referenced water right is in the process of being licensed. However, before a license can be issued, your permit must be amended to depict your water right as it has actually been developed.

The enclosed Application for Amendment contains information that will be included on the license when it is issued. The amendment reflects a change in the location of the place(s) of use description. Please review carefully and if you concur, sign the amendment and return it with the \$50 filing fee within 14 days.

The last page of the Application for Amendment form contains a list of Conditions of Approval and Remarks proposed for the license when it is issued. These conditions of approval and remarks may be modified upon further administrative review.

If you do not concur, or if you have any questions about this information, please contact me as soon as possible. My telephone number is (208) 327-7946.

Sincerely,

Sincerely,
Shelly Walter Kue

Shelley W. Keen
Water Rights Supervisor

SK:klt

Enclosure

1702-1711

SEP 16 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.

MORCHIMEL

SEP 16 1997

LICENSE REVIEW CHECKLIST

PERMIT NO. 75-07585

DATE 8/8/97

REVIEWER: SHARLA

NAME	Change <u>—</u>	OK <u>✓</u>	Address Change <u>NO</u>
SOURCE	Change <u>—</u>	OK <u>✓</u>	Is change/clarification of originally intended source? <u>—</u>
POINT OF DIV	Change <u>—</u>	OK <u>✓</u>	If not, prepare Notice of Intent to Void <u>—</u>
PLACE OF USE	Change <u>✓</u>	OK <u>✗</u>	Amendment required <u>NO</u>
			Amendment required <u>yes</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>100⁰⁰</u>
Measured	<u>1.21</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
			af
	SUBTOTAL		af

Flow rate — cfs X — days X 1.98 = — af
 Total volume recommended — af
(SUBTOTAL or Flow Rate, whichever is less)

REMARKS

Permit Cond.

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 volume

1st Amend Letter P41 P38
 2nd Amend Letter P41

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

MAY 23 1997

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 75-07585

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: 75-04121, 04125, 04203, 04309

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

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
	29		SW	SE	34	24N	21E	LEHHI	U.S. G.S. TOPO MAP

2. Place(s) of Use:

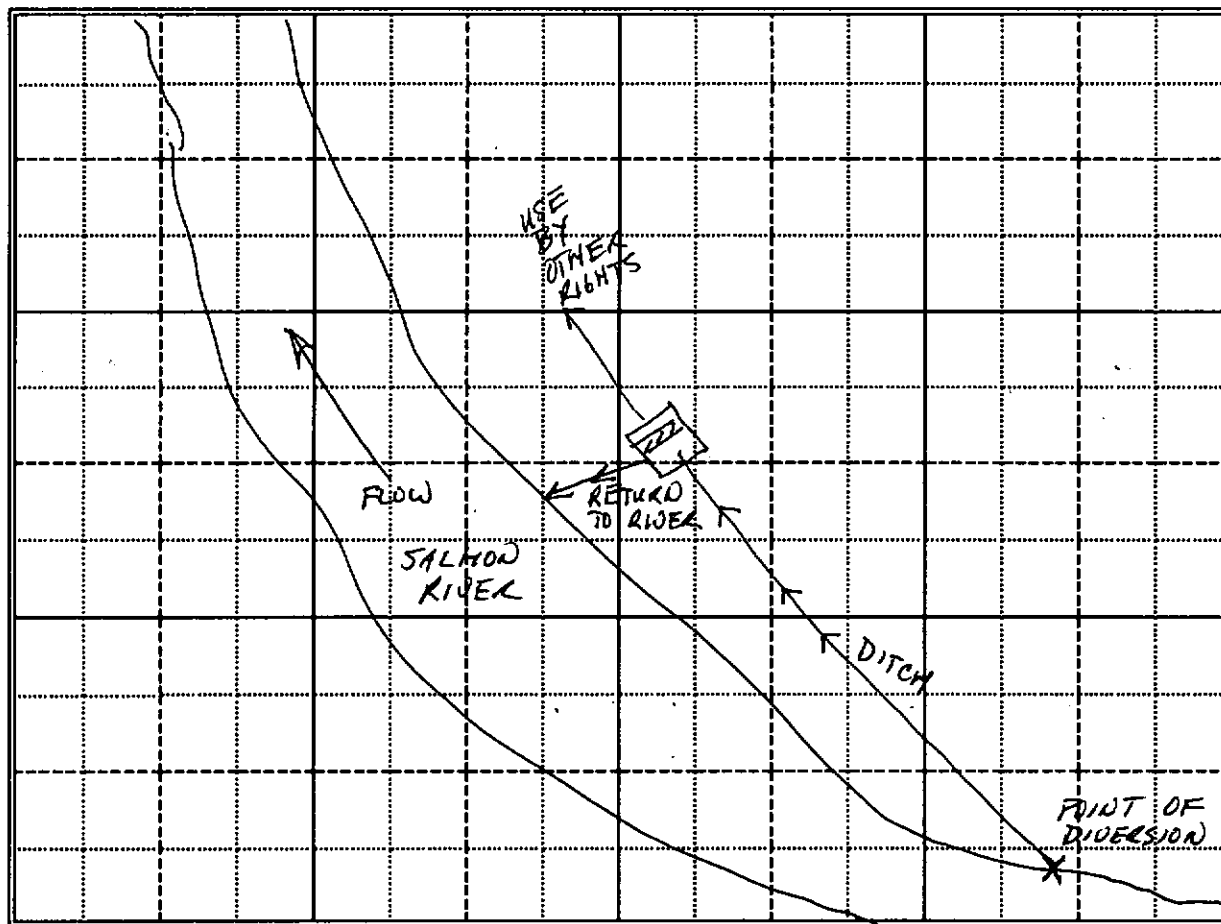
Indicate Method of Determination ON SITE INSPECTION

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
24N	21E	34															H		

MICROFILMED

SEP 16 1997

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



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: N/A

RECEIVED

SEP 16 1997

E. NARRATIVE/REMARKS/COMMENTS

WATER IS DIVERTED FROM THE SALMON RIVER FOR
IRRIGATION PURPOSES. WHEN THIS WATER REACHES THE
FISH SCREEN A PORTION IS DISCHARGED BACK TO THE
RIVER VIA A ~~6~~"⁶" PIPELINE. THE INTENT IS TO GIVE
SALMON AND STEELHEAD SMOLT A WAY TO TRAVEL
DOWN STREAM (DOWN STREAM FLOW) BACK TO THE RIVER.
BYPASS 6", 150' TRAVEL, ~~44"~~ GRADE/FT. MAX. 6" PER 100' GRADE.
THERE IS NO CONSUMPTIVE USE.

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

MICROFILMED
SEP 16 1997

F. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

*NOT APPLICABLE - NO CONSUMPTIVE USE.**Q VARIES WITH SEASONAL HEAD ABOVE DISCHARGE PIPE AND
DOWN STREAM IRRIGATION REQUIREMENTS, ON DITCH.***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:

*0.8 CFS ^{days} 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

SEP 16 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) = 150' ft

H = Elevation Drop (ft) = 2.75 ft 6" / 100' PIPE + HEAD

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 | |

$$Q_{cfs} = 1.318 \left(\frac{C_h}{150} \right) \left[\pi \left(\frac{D}{.5} \right)^2 / 4 \right] \times \left(\frac{D}{.5} / 4 \right)^{0.63} \times \left(\frac{H}{2.75} / \frac{L}{150} \right)^{0.54}$$

$$Q_{cfs} = \underline{1.208} \text{ cfs}$$

$$197.7 [0.19635] \times 0.12698 \times 0.11538$$

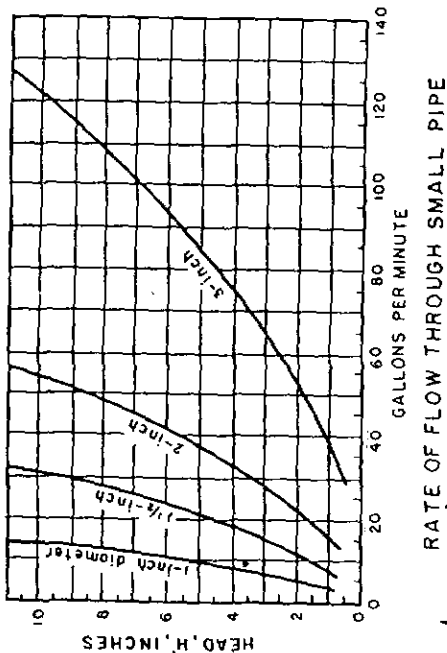
$$38.8183 \times$$

$$10.473 \times$$

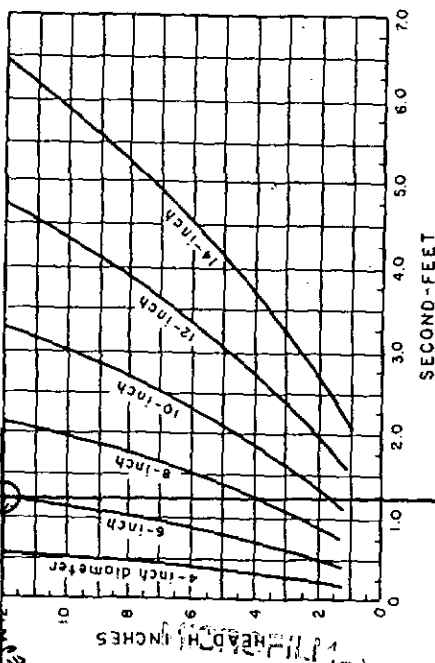
$$1.208$$

RECORDED
SEP 16 1967

Permit # 75-07585



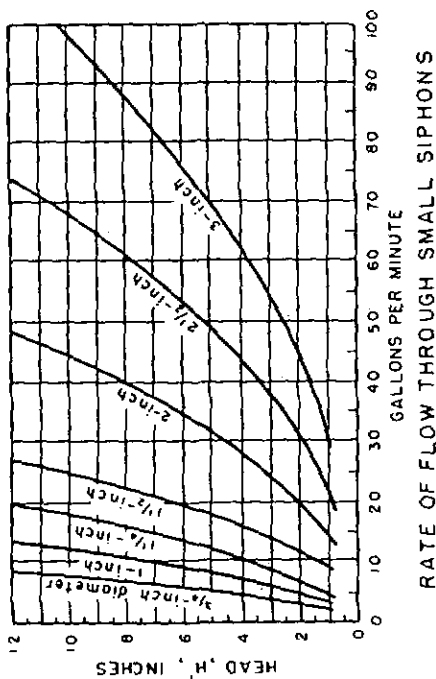
RATE OF FLOW THROUGH SMALL PIPE



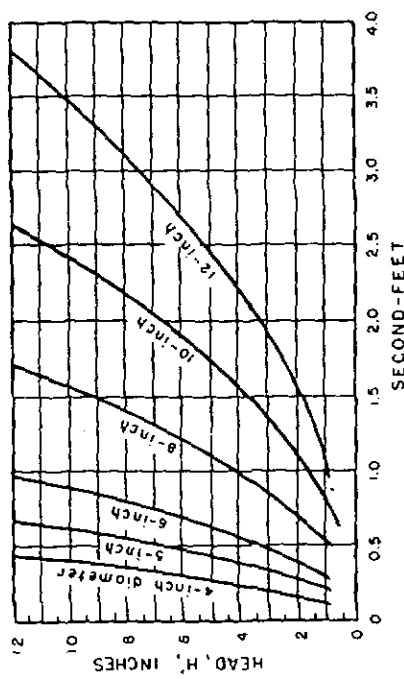
RATE OF FLOW THROUGH LARGE PIPE

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

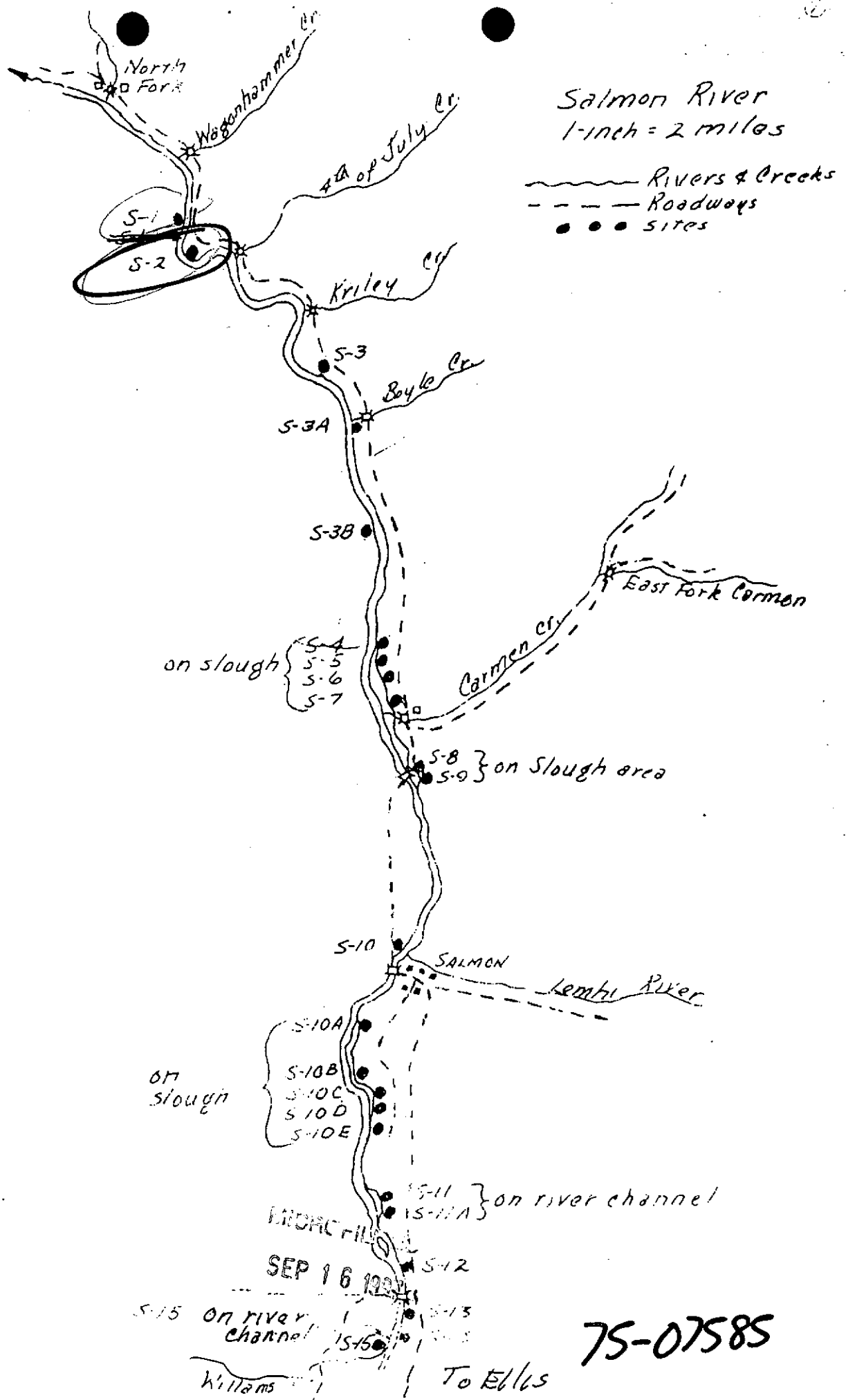
Figure 96.—Rates of flow through ditch-to-furrow siphons for various heads. 103-D-981.

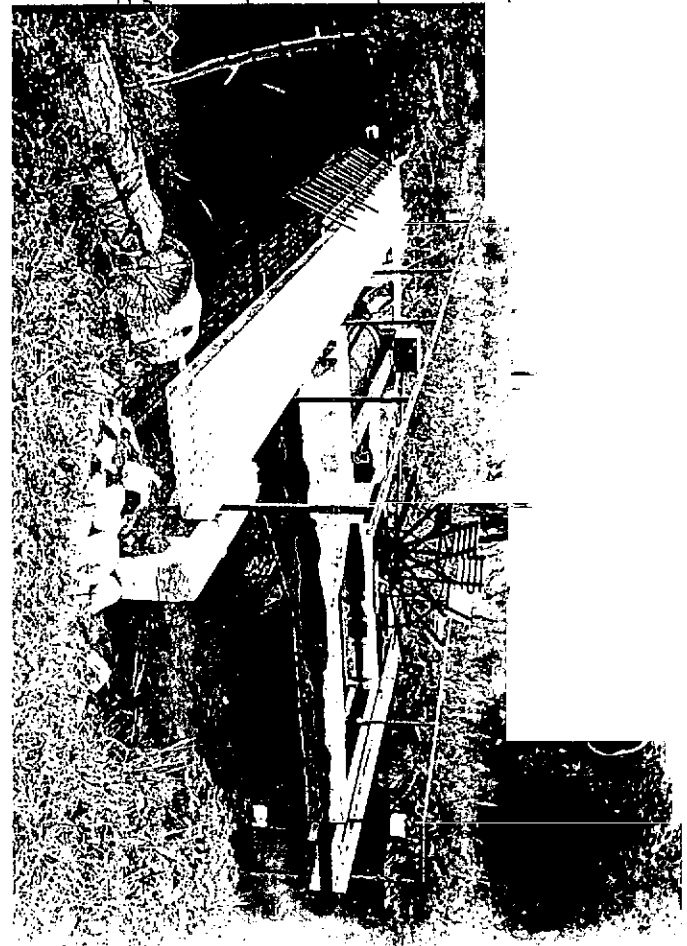
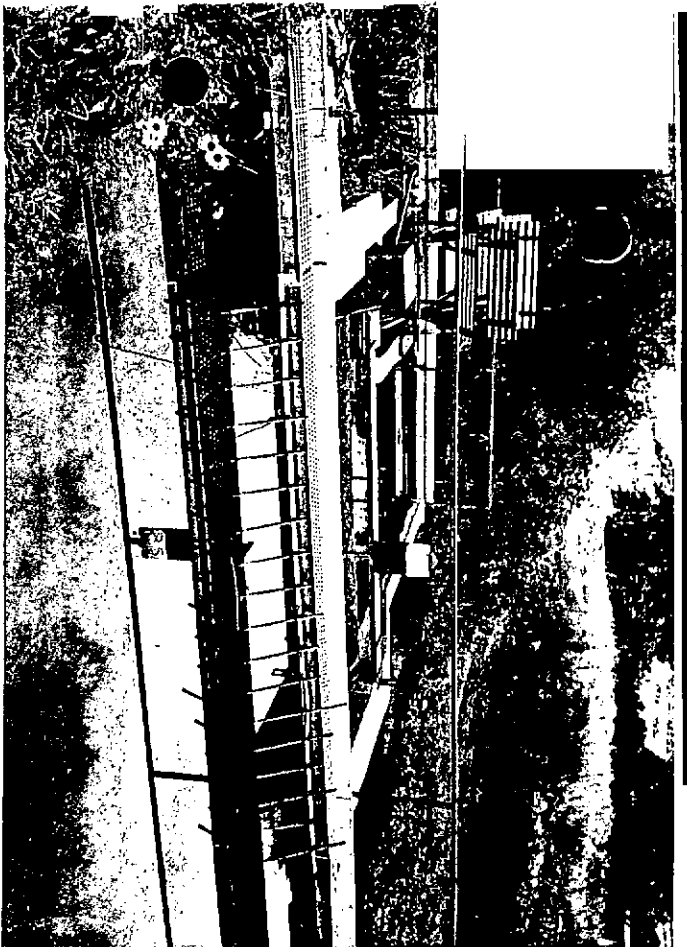
consideration of the many factors such as flow velocity, flow distribution, and sediment size that affect that installation.

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

SEP 16 1997

75-07585





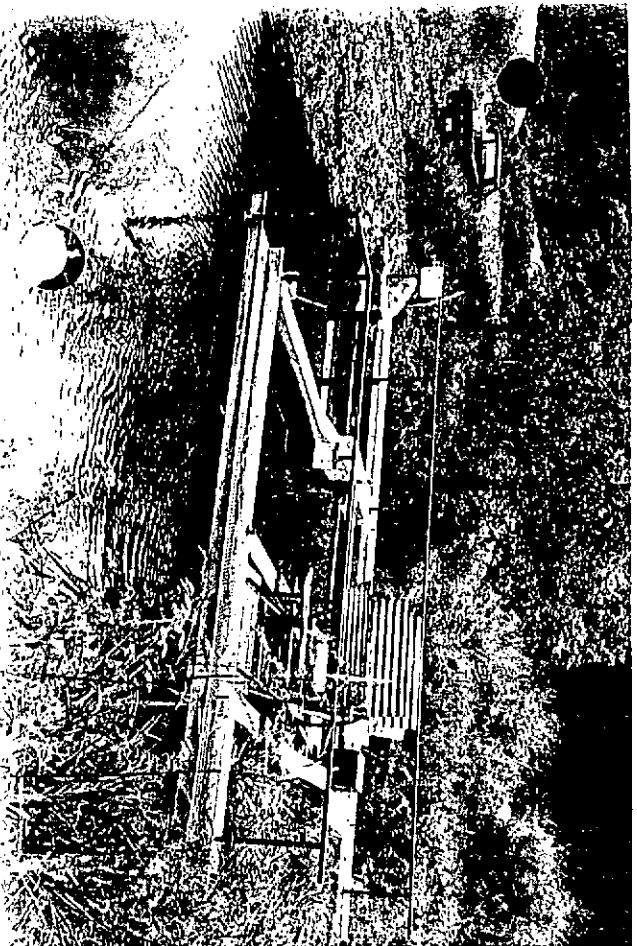
52

Year

30" x 10'

Structure

TYPE OF SCREEN bottom stream BYPASS SIZE 6" HOW REDUCED plate
 APPROX. LENGTH 150' TRASH RACK yes HEADGATE no
 CONDITION _____ SCHEDULED REPLACEMENT _____



Steel

Catwalk

Handrails

1990
B'

SEP 16 1997

75-07585

Sec. 28.

540

Sec. 27. 2025

582.80

Sec. 26.

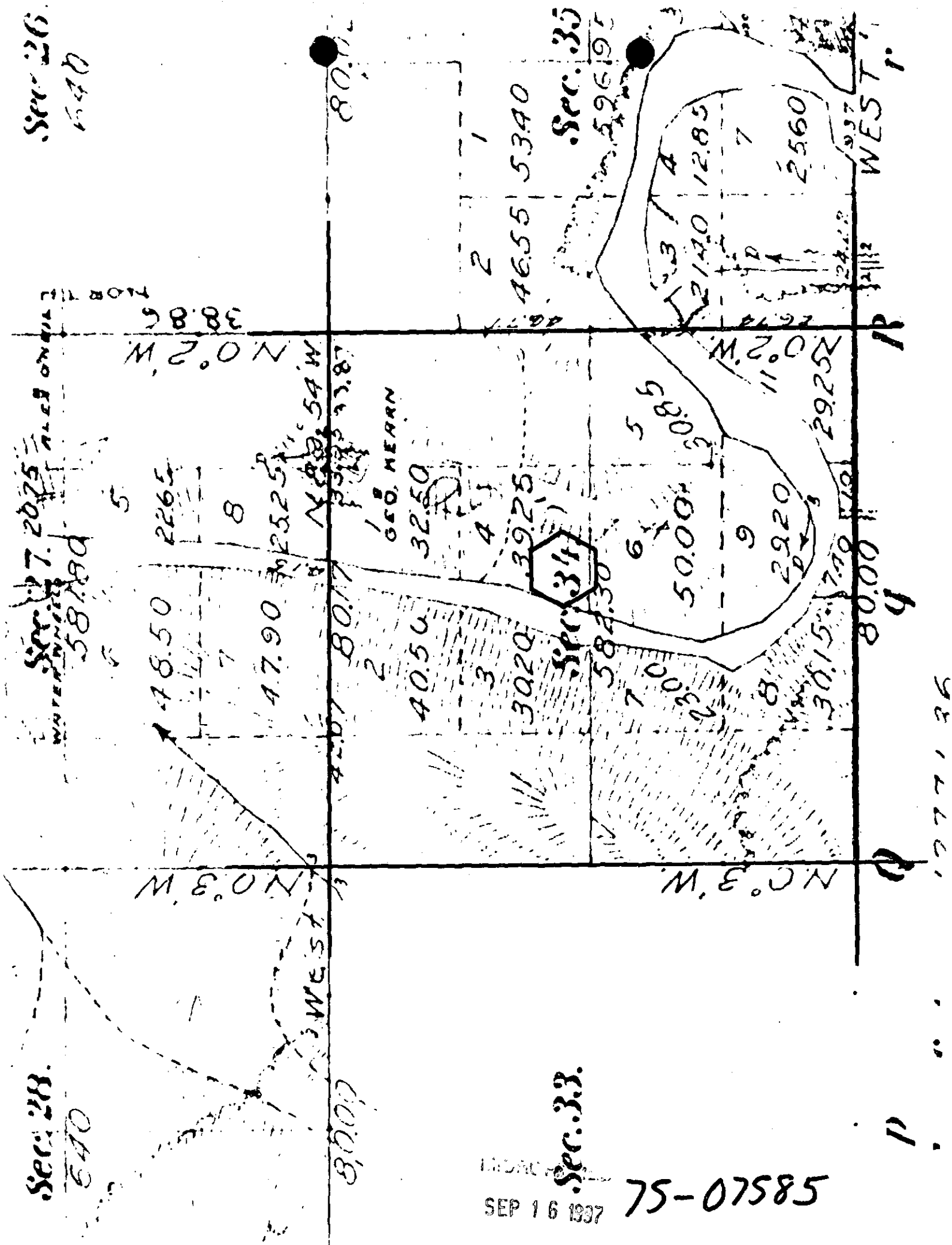
540

Sec. 33.

Sec. 35.

SEP 16 1937

75-07585



January 15, 1993

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

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 75-07585

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. 75-07585 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

MEASURING DEVICE

yes Required?
100 Amount Submitted
yes Correct?
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. 75-07585

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

RECEIVED

SEP 21 1992

APPLICATION FOR PERMIT REVIEW

Application #: 75-7585 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

Salmon - Clearwater

OK

OK to advertise

NT

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 PRM DATE 6-17-92 APPLICATION NO. 75-07585
APPLICANT NAME: IDAHO DEPARTMENT OF FISH AND GAME

Sawyer River No. 55000000

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
☒ Yes ☒ No 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

RECEIVED
JUL 30 1992

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

FINAL REGIONAL PROCESSING REVIEW

SHOSHONE - BANNOCK

☒ 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. 28
☒ Yes ☐ No Special conditions of approval or cover letter below.

See below for additional information
Date of priority recommended 7-31-90
By HWT Date 7-27-92

STATE OFFICE REVIEW

See below for additional information
By _____ Date _____

ADDITIONAL INFORMATION

See appl. 75-784 For probable condition

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

01-Jul-1992

DEPT OF FISH & GAME
PO BOX 25
BOISE ID 83707

RE: Application No. 75-07584, 75-07585, & 75-07586

Dear Water Right Applicant:

The Department of Water Resources acknowledges receipt of your water right permit. This office is currently in the process of advertising the application in the RECORDER HERALD on 7-2 & 7-9-92. The advertisement will be published for two consecutive weeks, and 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.

Sincerely,

HAROLD W. JONES
Water Rights Supervisor

HWJ/rb

RECEIVED
SEP 21 1992

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Eastern Region
150 Shoup Ave., Suite 15

Idaho Falls, Idaho 83402
(208) 525-7161

JUNE 24, 1992

RECORDER-HERALD
P.O. BOX 310
SALMON, ID 83467

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 JULY 20, 1992.

Yours truly,

Rita Bodell
Secretary

Encl.

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:

MICROFILMED

SEP 21 1992

75-07585

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

Source: SALMON RIVER

Tributary: SNAKE RIVER

Diversion Pt: SWSE Sec 34 T 24N R 21E in LEMHI County.

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

Date Filed: 8/24/1990

In: LEMHI County
T24N R21E S34 NESW

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

RECORDED
SEP 21 1992