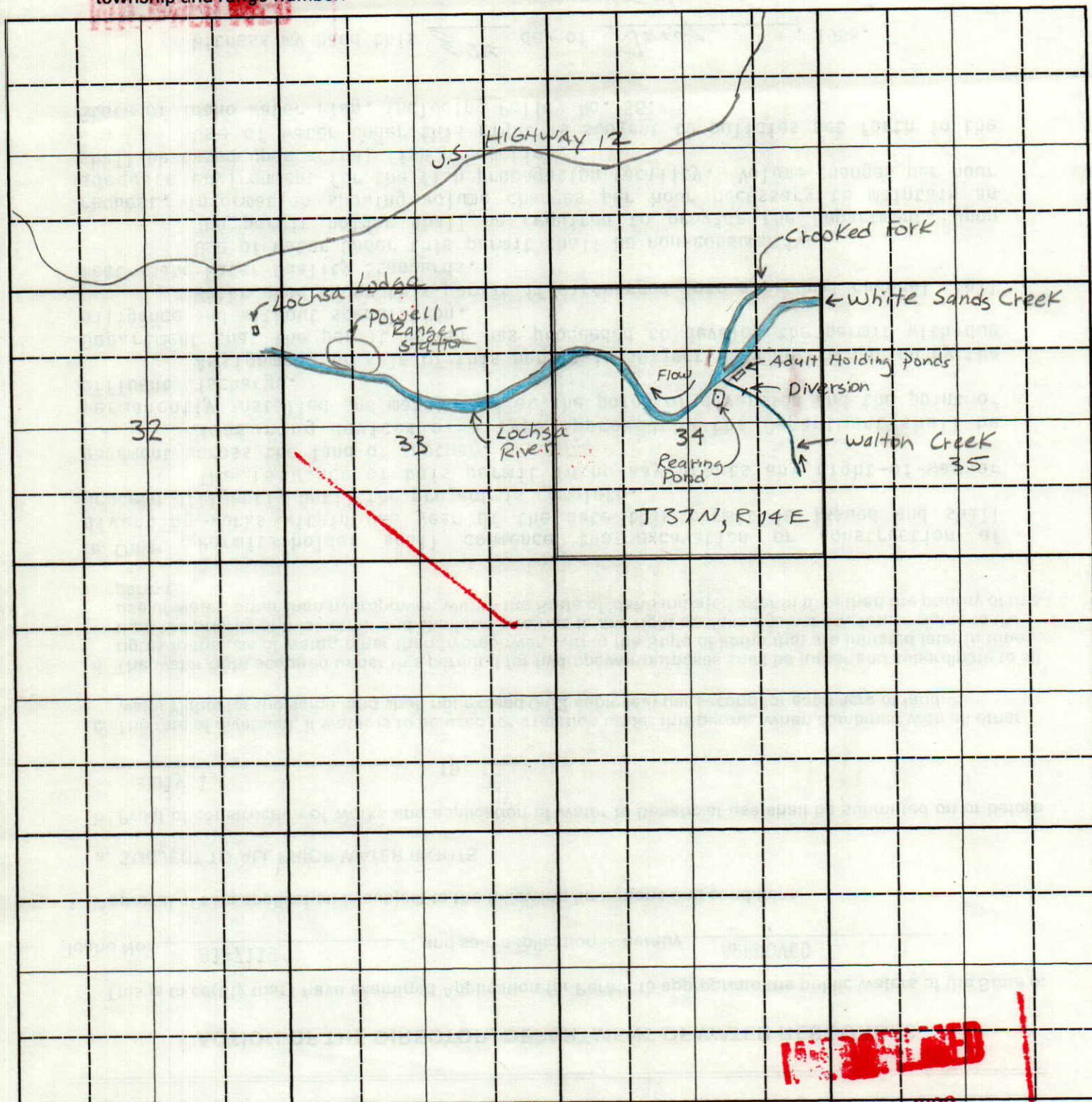


OCT 13 1988

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



Scale: 2 inches equal 1 mile.

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

ENG. SUPERVISOR
BUREAU OF ENG.

(Applicant)

J.D.F.G.

LOCHSA RIVER

FISH LADDER

SECTION A
5/5

SCALE IN FEET
0 5 10 20

- 1 Gantry Crane
- 2 Handrail - Removable at Fish Feeders
- 3 4' x 6" x 20' Long Hollow Core Concrete
- 4 4' x 4' Fish Screen
- 5 Stop Logs
- 6 Walkway Support (See Plate 8)
- 7 3'-0" x 3'-0" Support Foundation
- 8 Pond Bottom
- 9 Geotextile Fabric
- 10 Impermeable Liner
- 11 Outlet Structure

LEGEND

- ② Valve Number
- ⊕ Pipe Fitting
- ⊗ Valve or Gate

NOTE: For location of valves 14, 15, 16, 17, 18, 19, 20 & 21, See Sht. 11.

SCALE IN FEET
20 10 0 20 40

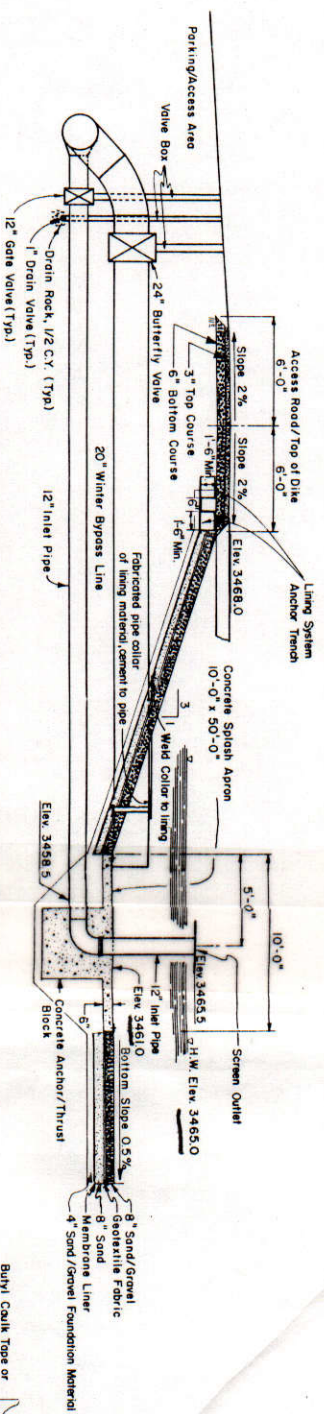
REVISION	DATE	DESCRIPTION	BY
1		J-U-B ENGINEERS, INC.	
2		U.S. ARMY ENGINEER DISTRICT	
3		KENNEWICK, WASHINGTON	
4		WALLA WALLA, WASHINGTON	
5		LOWER SNAKE RIVER FISH AND	
6		WILDLIFE COMPENSATION PLAN	
7		CLEARWATER HATCHERY SATELLITE FACILITIES	
8		LOCHSA RIVER AT POWELL	
9		INTAKE STRUCTURE/REARING POND	
10		SITE PLAN	
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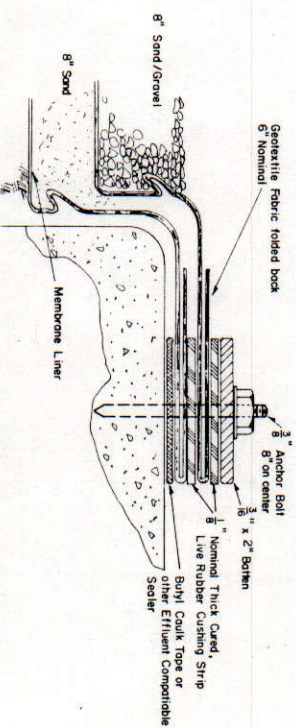
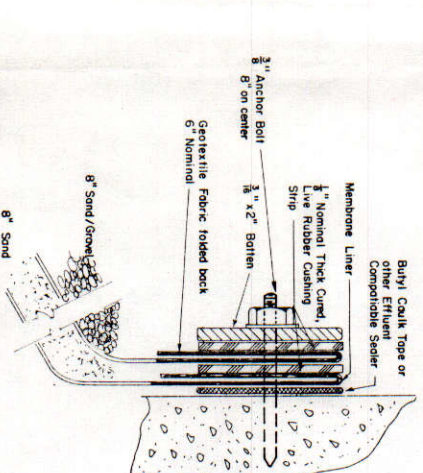
Station Number	Stationing	Ground Elevation
41	+	10
42	+	10

A horizontal scale bar labeled "SCALE IN FEET". It has markings at 20, 0, 20, and 40, indicating a total length of 40 feet.

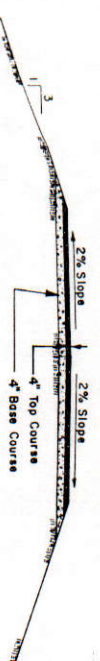
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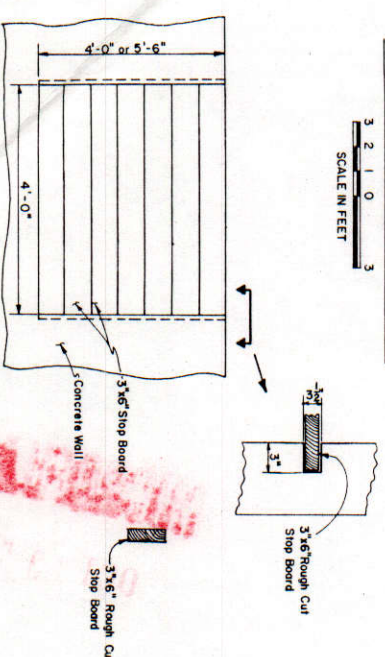
REARING POND DIKE AND INLET PIPING DETAIL

REARING/ACCLIMATION POND
OUTLET STRUCTURE

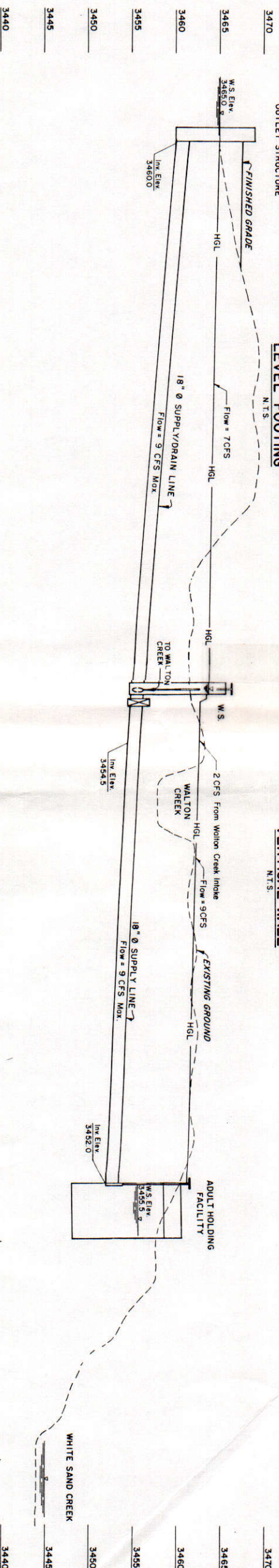
GEOTEXTILE & LINING CONNECTION VERTICAL WALL



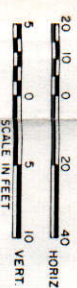
TYPICAL ROAD SECTION

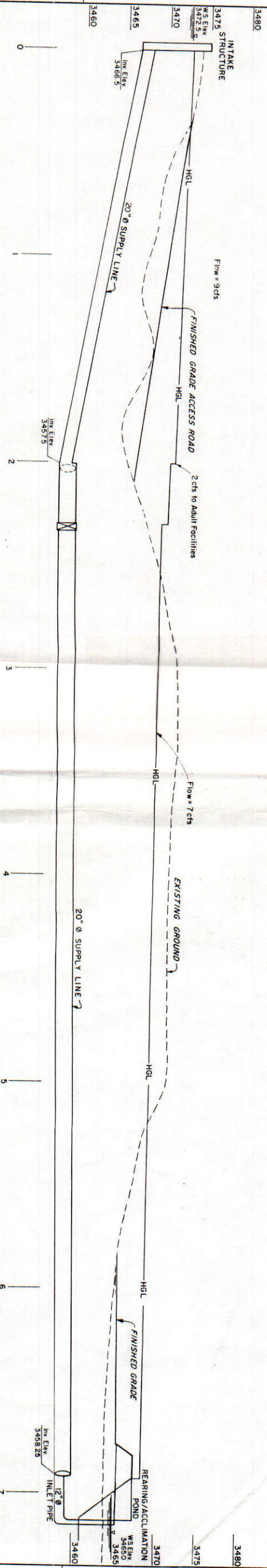
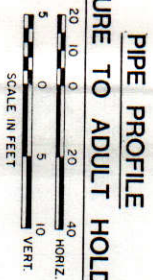
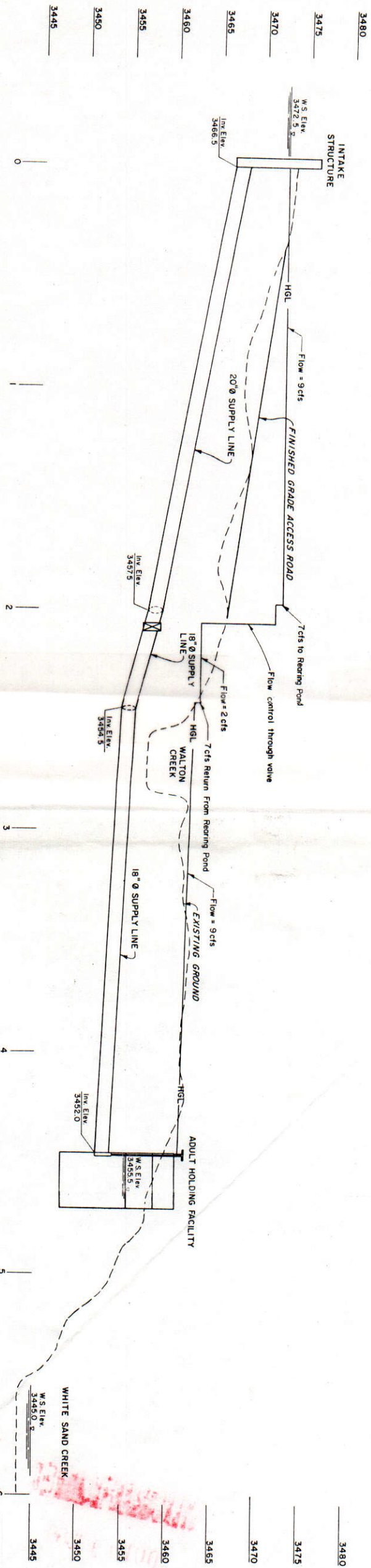


STOP BOARD DETAIL
N.T.S.



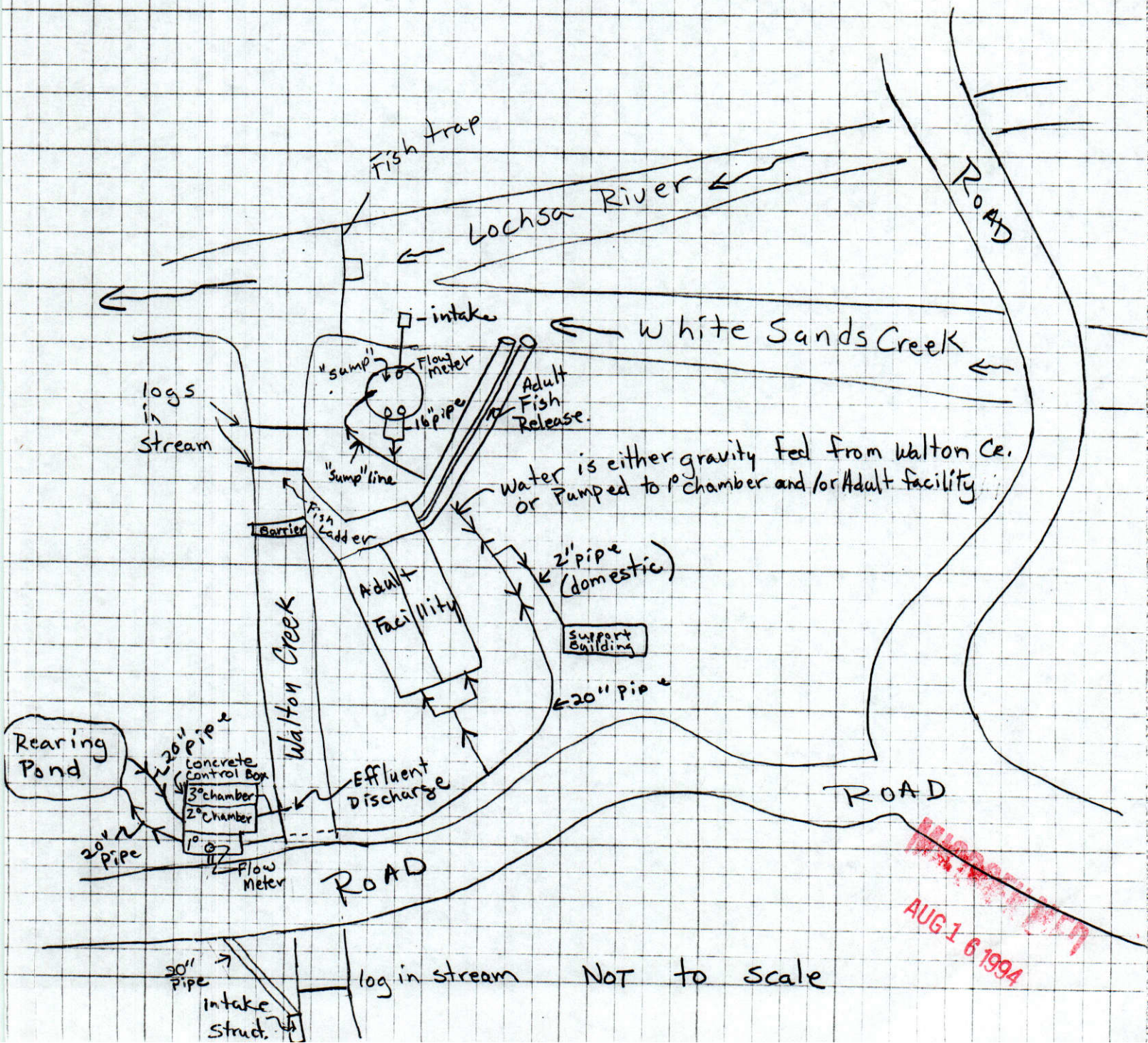
PIPE PROFILE

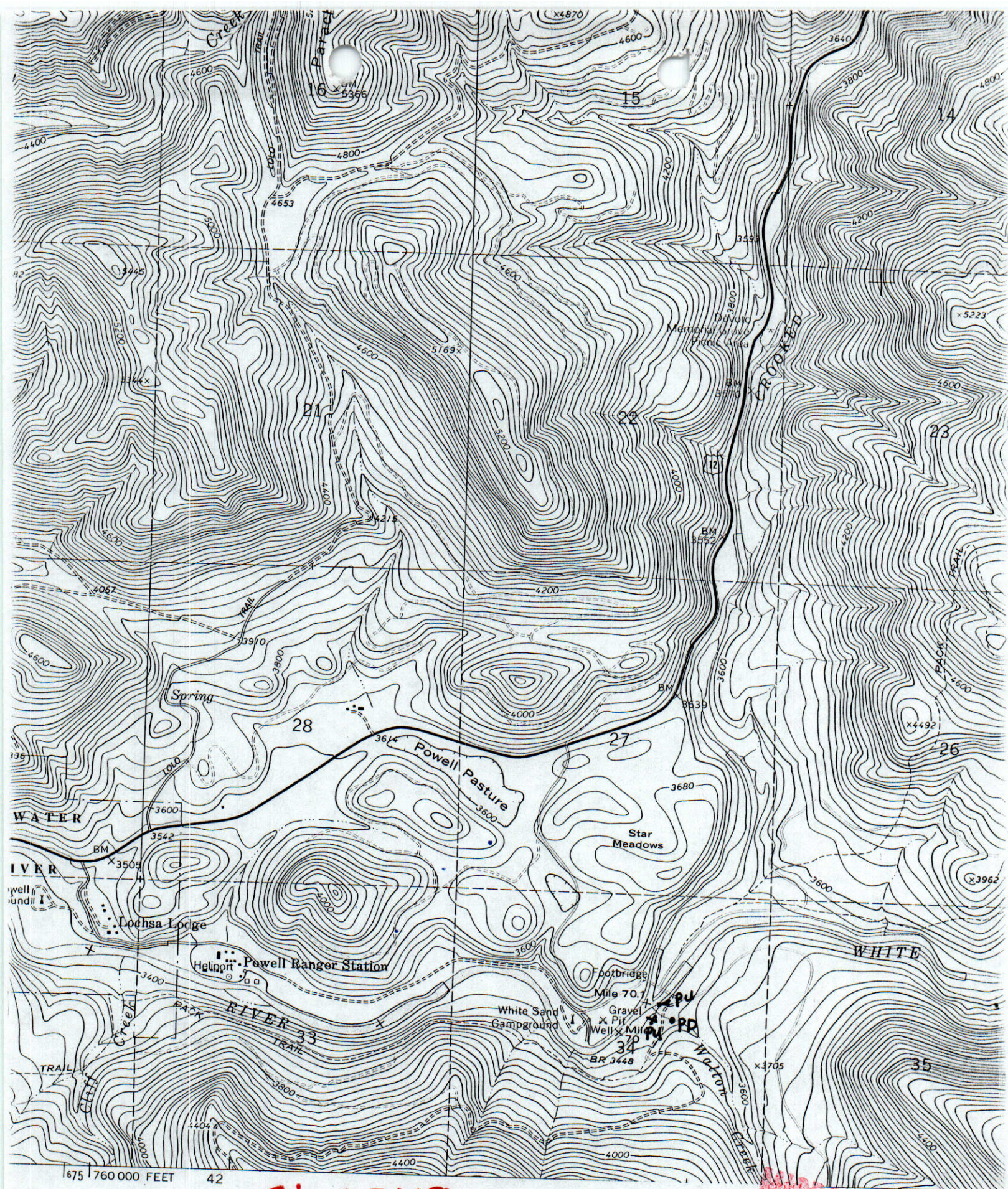
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Powell Fish Facility



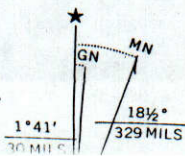


675 760 000 FEET 42

81-07118

T. 37N. R. 14E. Sec. 34
SE SW NE

AUG 16 1994



PERMIT # 81-07119
81-07118

in take
Valve
Walton
Creek

Walton
Lake
Walton
Creek

↑

Intake from Walton Creek

→



Intake
value



location of Line to
Adult Domestic & summer

AUG 16 1994

RECEIVED
JAN 29 1988
Department of Water Resources
Northern District Office

AFFIDAVIT OF PUBLICATION

NOTICE OF APPLICATION FOR WATER RIGHT

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

81-7118

STATE OF IDAHO
DEPT. OF FISH & GAME, P.O. BOX 25,
BOISE, ID 83707
Source: WHITE SANDS CREEK trib. to
LOCHSA RIVER
Diversion Pt: NESWNE Sec 34 T 37N R
14E

Use: FISH PROP. (3.0 CFS)

Date Filed: 12/07/87

In: SWNE Sec 34 T 37N R 14E.

81-7119

STATE OF IDAHO
DEPT. OF FISH & GAME, P.O. BOX 25,
BOISE, ID 83707
Source: WALTON CREEK trib. to
LOCHSA RIVER
Diversion Pt: SESWNE Sec 34 T 37N R
14E

Use: FISH PROP. (7.0 CFS)

DATE FILED: 12/07/1987

IN: SWNE SEC 34 T 37N R 14E.

The permit(s) will be subject to all prior
water rights. Protests must be filed with
the Director, Dept. of Water Resources,
4055 Government Way, Suite 9, Coeur
d'Alene, Idaho 83814 on or before
FEBRUARY 8, 1988.

R. KEITH HIGGINSON, Dir.
Published 1/20 & 1/27/88.

J20-27

Charlotte Sotin being first duly

Bookkeeper

sworn, says he is the
of the IDAHO COUNTY FREE PRESS, a weekly newspaper which
is published and issued weekly at Grangeville, Idaho County,
State of Idaho, and which is of general circulation in said county
and state; that the said notice, of which the one hereto attached
is a true copy, was published in said paper for two weeks,
being published two times, the first publication being
on the 20th day of January, 19 88.,
and the last publication on the 27th day of
January, 19 88, and that the said notice
was published in the newspaper proper and not a supplement;
that said newspaper has been continuously and uninterruptedly
published in said county during a period of more than seventy-
eight consecutive weeks prior to the first publication of said
notice or advertisement.

Charlotte Sotin

Subscribed and sworn to before me this 27th
day of January, 1988.

Notary Public

for State of Idaho, residing at Grangeville, Idaho.

UNRECORDED

OCT 13 1988

RK
2/1/88

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 81-07119

Priority: December 7, 1987

Maximum Diversion Rate: 6.24 CFS

Maximum Diversion Volume: 4517.6 AF

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 December 7, 1987; and
has submitted Proof of Beneficial Use on May 11, 1990. An examination indicates
that the works have a diversion capacity of 6.240 cfs of water from:

WALTON CREEK

tributary to LOCHSA 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	01/01 to 12/31	6.24 CFS	4517.6 AF

LOCATION OF POINT(S) OF DIVERSION:

SESWE , Sec. 34, Township 37N, Range 14E
IDAHO County

PLACE OF USE: FISH PROPAGATION

TWN RGE SEC

37N 14E 34 SWNE

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. The issuance of this right in no way grants any right-of-way or easement across the land of another.
6. Measuring devices of a type approved by this Department shall be maintained at the point of diversion and point of effluent discharge.
7. Water used under this right if discharged into a natural channel shall meet Idaho Water Quality Standards.

AUG 16 1994

State of Idaho
Department of Water Resources

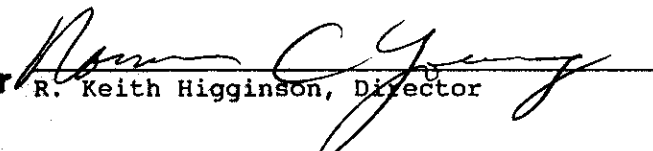
WATER RIGHT LICENSE

WATER RIGHT NO. 81-07119

CONDITIONS/REMARKS:

8. The right holder shall be required to provide the Department, upon request, information showing volume changes per hour necessary to maintain an adequate environment for the fish propagation facility. Volume changes per hour shall be based upon actual fish production.
9. Use of water under this right is subject to policies set forth in the State of Idaho Water Plan, including Policy No. 5G.
10. Use of water under this right shall be non-consumptive.
11. The total combined rate of diversion under this right and Right 81-07118 shall not exceed 6.24 cfs nor a combined volume of 4517.6 af.
12. The facility volume is 45,200 cubic feet.

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 April, 1994.

Acting for  R. Keith Higginson, Director

AUG 16 1994

For Office Use Only
Fee Received 250.00
Date 5-11-90
Receipt # 0016799
Receipt by [Signature]
Reviewed by [Signature]
Sent to region 259D

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
PROOF OF BENEFICIAL USE

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

Permit No. 81-07119

Name(s) of Permit Holder: Idaho Department of Fish and Game

Post Office Address: P. O. Box 25, Boise, ID 83707

Telephone No. 334-3730

Source of Water: Walton Creek

Extent of Use:

Domestic _____ (number of households) Stockwater _____ (number and type of stock)

Irrigation _____ (acres) Other/Remark Fish Propagation

Total rate and/or volume for which proof is submitted 7.0 cfs _____ acre-feet

Show the date water was first diverted and beneficially used under this permit: June 1, 1989

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

Fee enclosed \$ 250.00
(See License Examination Fee Schedule)

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

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

Jerry McGeehee

(Name)

935-2112

(Telephone Number)

Route 2, Box 121A, Kamiah, ID 83536

(Address)

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

NOT FILMED

JUN 28 1990

5/9/90

Date

[Signature], Engineering Supervisor

Signature of Permit Holder (and title, if appropriate)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR DIVERSION

Ident. No.

81-7119

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant State of Idaho, Dept. of Fish & Game Phone 334-3730
Post office address P. O. Box 25, Boise, ID 83707

2. Source of water supply Walton Creek which is a tributary of Lochsa River

3. Location of point of diversion is SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of NE $\frac{1}{4}$, Govt. Lot _____
Sec. 34 Township 37 N Range 14 E B.M. Idaho County; additional
points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 7.0 cfs for fish cultural purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated is (a) 7.0 ^{JK 12/8/87} and/or (b) _____
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. concrete diversion, 20" diam.
transmission pipe. (See attached plans)

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 N/A 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
1 1/2 years (minimum 1 year).

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

- a. Hydropower; show total feet of head and proposed capacity in KW. _____
- b. Stockwatering; list number and kind of livestock. _____
- c. Municipal; show name of municipality. _____
- d. Domestic; show number of households. _____
- e. Other; describe fully. Water will be used to rear up to 300,000 Spring Chinook
Salmon fingerlings and to hold/spawn up to 1,000 adult Spring Chinook Salmon.

9. Description of place of use:

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

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
37N	14E	34			H														

Total number of acres to be irrigated _____

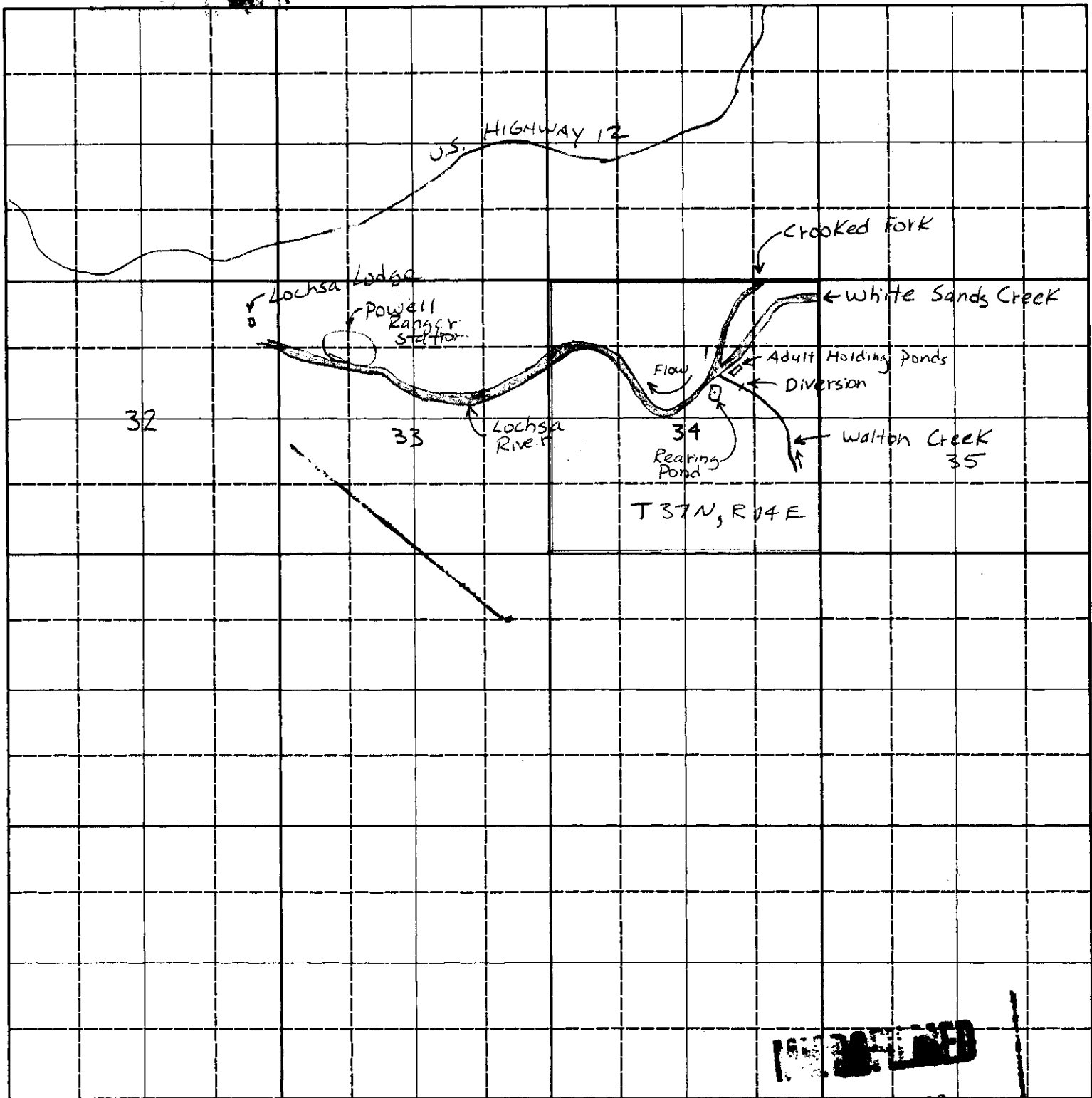
10. Describe any other water rights used for the same purposes as described above. A separate
application will be filed for 3.0 cfs pumped surface water from White Sands
Creek. This will be used for emergency back-up.
11. a. Who owns the property at the point of diversion? U. S. Forest Service
- b. Who owns the land to be irrigated or place of use? U. S. Forest Service
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. A special use permit from the U. S. Forest Service has
been approved and is on file.

12. Remarks: _____

MICROFILMED

OCT 13 1988

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

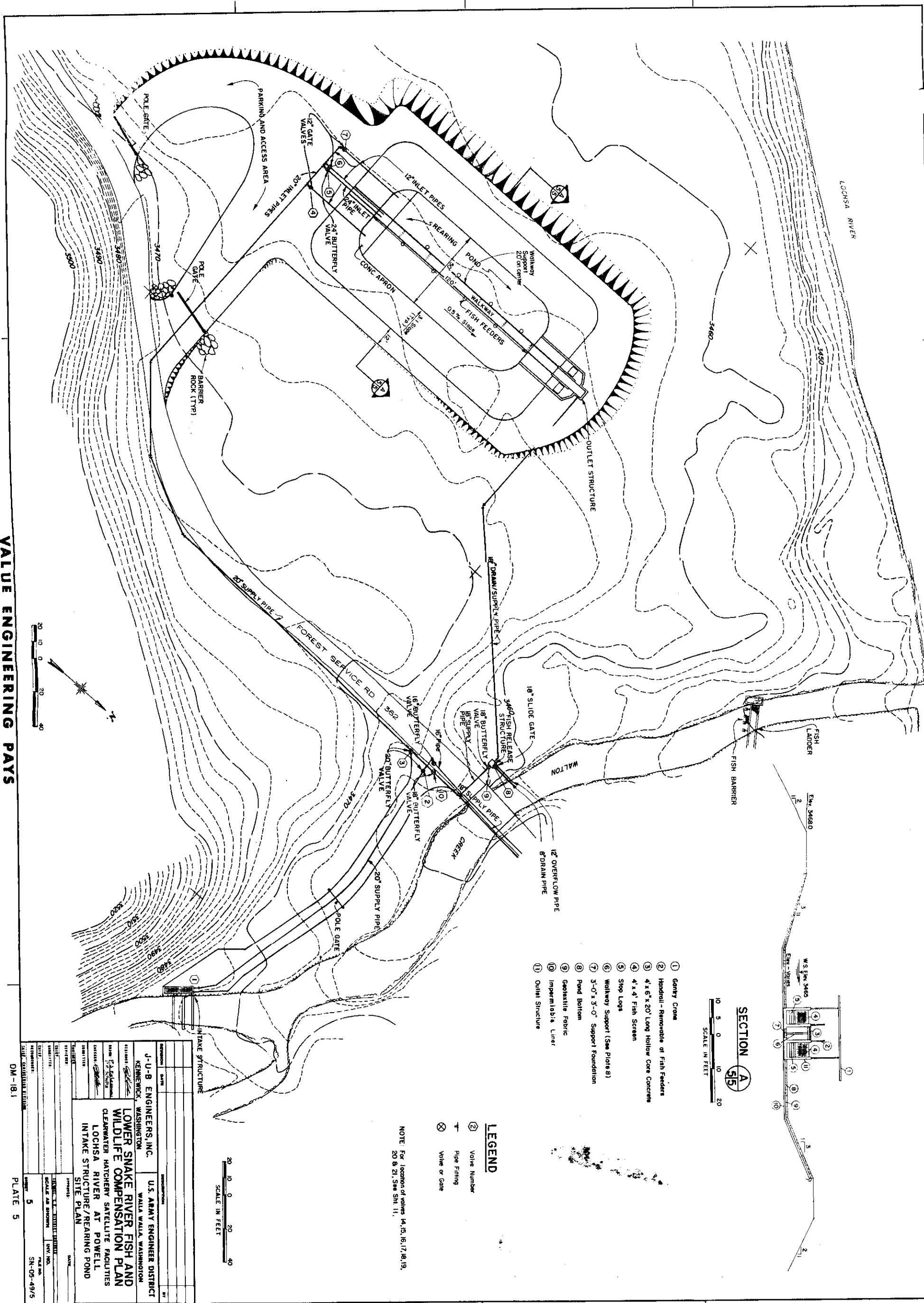


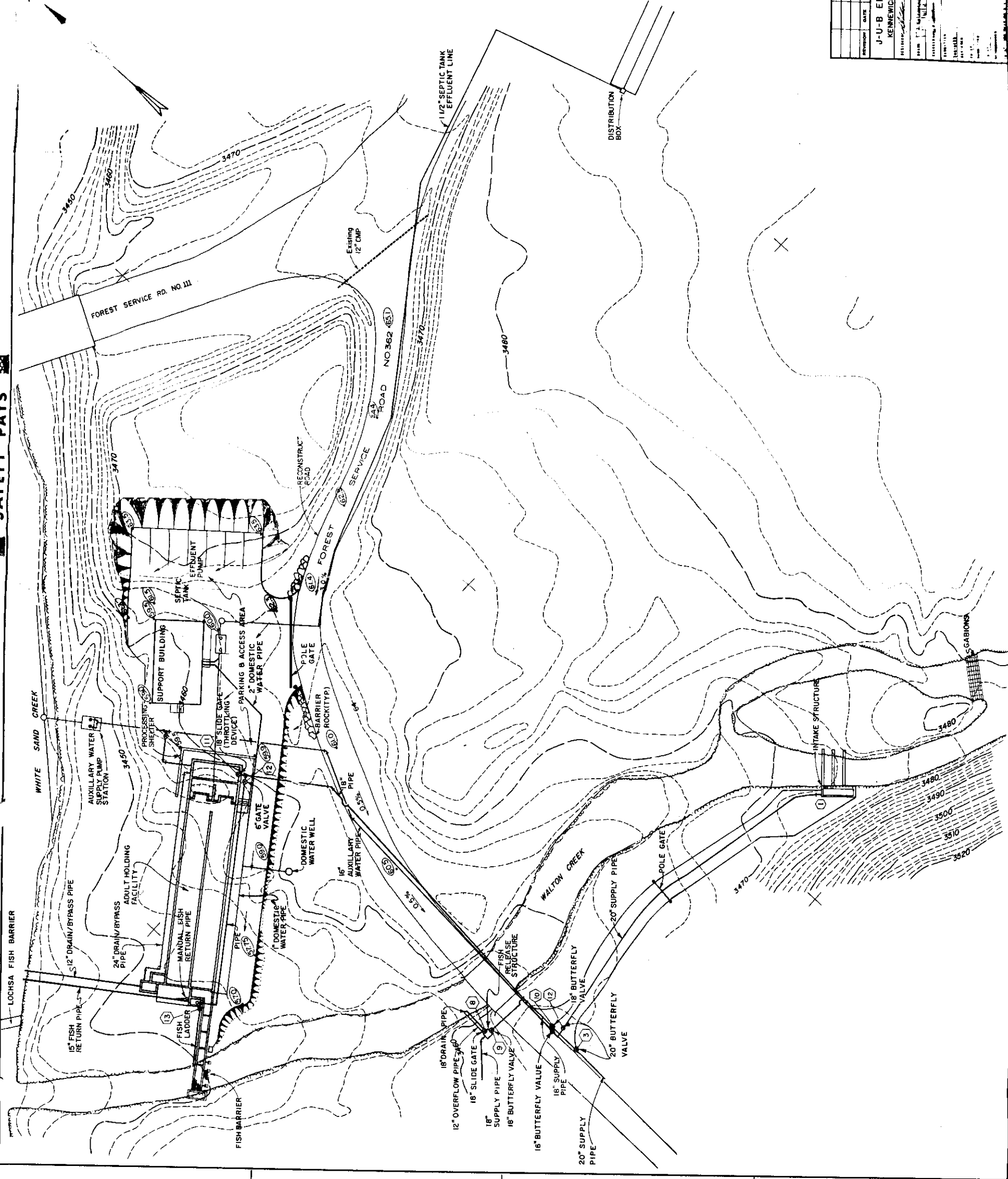
Scale: 2 inches equal 1 mile.

OCT 13 1988

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] for **T.D.F.G.**
 ENG. SUPERVISOR (Applicant)
 BUREAU OF ENG.



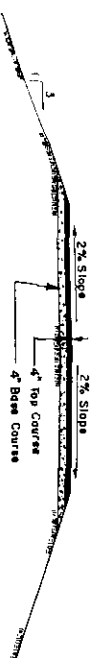


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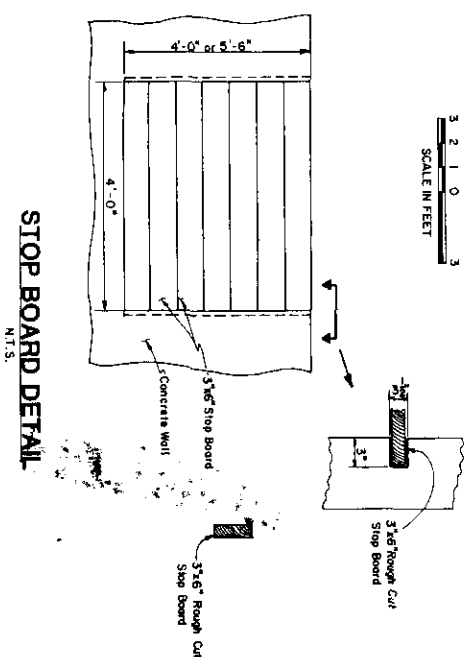
NOTE Evolution of values 14, 15, 16, 17, 18, 19, 20 and 21. See SHE.11.



REVISION	DATE	J-U-B ENGINEERS, INC. KENNEWICK, WASHINGTON LOWER SNAN RIVER FISH AND WILDLIFE COMPENSATION PLAN CLEARWATER HATCHERY SAFETY FACILITIES LOCKSA RIVER AT POSELA INTAKE STRUCTURE BILL PLAN
115 ARMY ENGINEERS DISTRICT 315 WALLA WALLA, WA 99156-0000	115 ARMY ENGINEERS DISTRICT 315 WALLA WALLA, WA 99156-0000	115 ARMY ENGINEERS DISTRICT 315 WALLA WALLA, WA 99156-0000

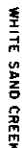


SCALE IN FEET



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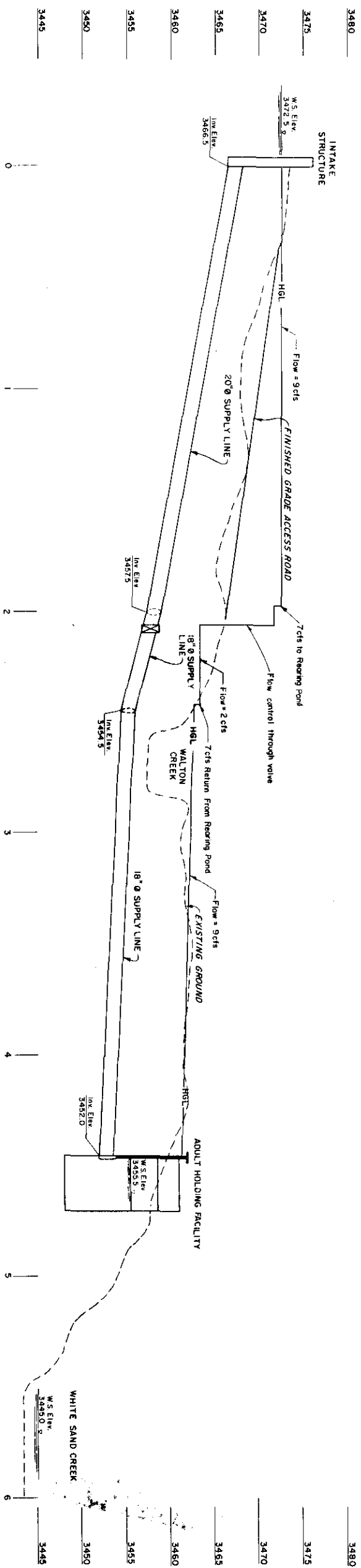
GEOTEXTILE & LINING CONNECTION
VERTICAL WALL
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REARING/ACCLIMATION POND TO WALTON CREEK AND ADULT HOLDING FACILITY

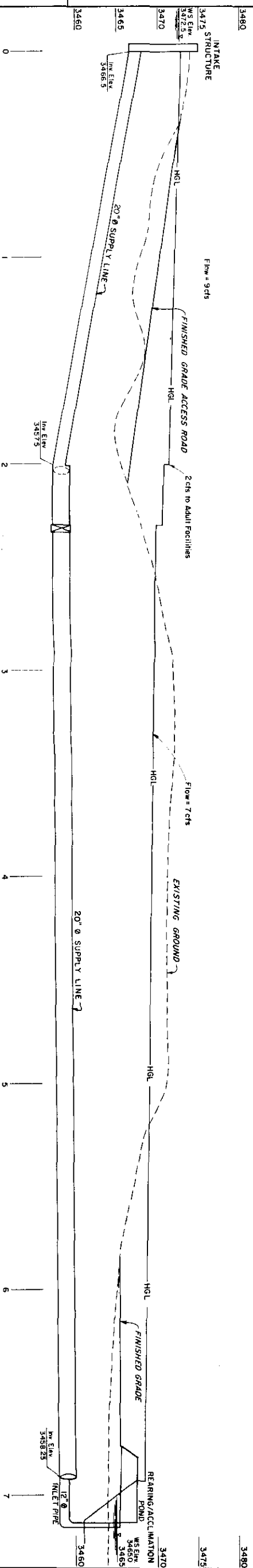
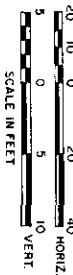


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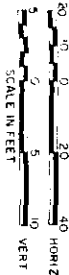
PIPE PROFILE

INTAKE STRUCTURE TO ADULT HOLDING FACILITY



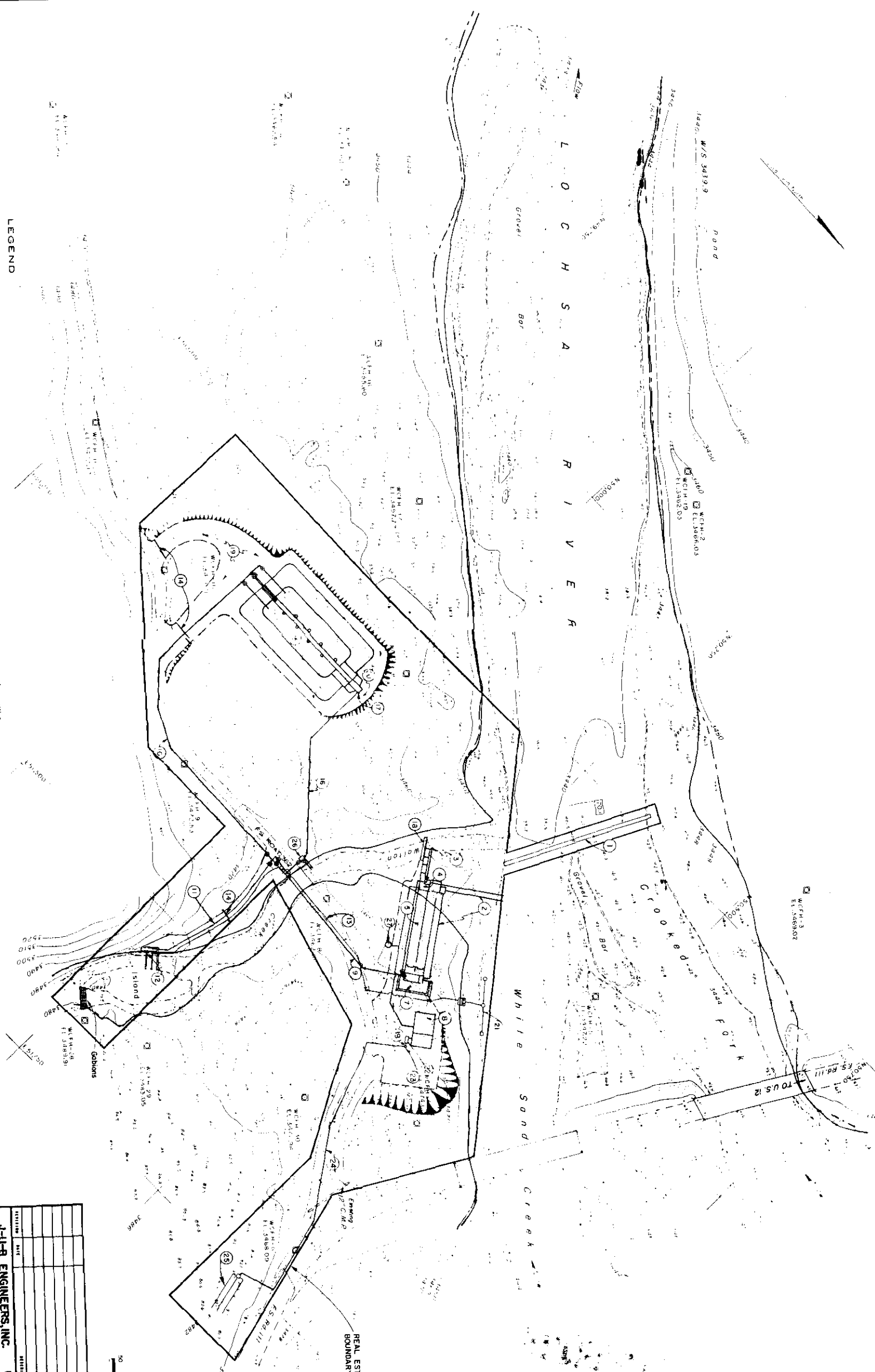
PIPE PROFILE

INTAKE STRUCTURE TO REARING / ACCLIMATION POND



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FLOOD PLAIN BOUNDARIES
100 Year Flood Plain
500 Year Flood Plain



- LEGEND**
- 1 Removable Trucked Fish Barrier
 - 2 By-pass Pipe
 - 3 Fish Ladder
 - 4 Adult Trap
 - 5 Holding Ponds
 - 6 W/S Elev. 3494.5
 - 7 Reservoir
 - 8 Processing Shelter
 - 9 Support Building
 - 10 Holding Pond Supply Piping
 - 11 Rearing Pond Supply Piping
 - 12 Supply Pipe
 - 13 Water Creek Inlet Structure
 - 14 Auxiliary Water Supply Pump
 - 15 Gate
 - 16 Rearing Pond
 - 17 W/S Elev. 3494.5
 - 18 Rearing Pond
 - 19 Rearing Pond
 - 20 Rearing Pond
 - 21 Rearing Pond
 - 22 Rearing Pond
 - 23 Rearing Pond
 - 24 Rearing Pond
 - 25 Rearing Pond
 - 26 Rearing Pond
 - 27 Rearing Pond

NOTES:
1 Topography compiled from U.S.C.E.
2 Flood crest dated Nov 1983, shown as 53.
3 Contour Interval = 2'

J-U-B ENGINEERS, INC.		U.S. ARMY ENGINEER DISTRICT	
KENNEWICK, WASHINGTON		WALLA WALLA, WASHINGTON	
LOWER SNAKE RIVER FISH AND WILDLIFE COMPENSATION PLAN			
CLEARWATER HATCHERY SATELLITE FACILITIES			
LOCHSA RIVER AT POWELL			
GENERAL SITE PLAN			
DATE	REVISED	SCALE	BY
10/1/83		AS SHOWN	NOV 83
SHEET NO. 2		FILE NO. SN-05-42/2	



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

May 2, 1994

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

RE: WATER RIGHT NO. 81-07119

Dear Water Right Holder(s):

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

Sincerely,

A handwritten signature in black ink, appearing to be 'J. Johnson', written over a horizontal line.

JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosure

AUG 16 1994

WR0749NP
No. L81-07119

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

DATE: 04/04/94
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	STATE OF IDAHO DEPT OF FISH & GAME PO BOX 25 BOISE ID 83707 (208) 334-3730	12/07/1987	FISH PROPAGATION	01-01 12-31	6.24 CFS	4517.60 AFA
TOTAL DIVERSION:					6.24 CFS	4517.60 AFA

Water Source: WALTON CREEK

Tributary to: LOCKSA RIVER

Stage: LICENSE

Point(s) of Diversion Capacity: 6.24 CFS

Point(s) of Diversion: T37N R14E S34 SESWNE IDAHO County

Place of use Legal Description for: FISH PROPAGATION

NE												NW												SW												SE											
T	R	S	NENE			NWNE			SWNE			SENE			NENW			NWNW			SENW			NESW			NWSW			SWSW			SESW			NESE			NWSE			SWSE			SESE		
			Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac									
37N	14E	34	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:									
			:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:									

Pou County: IDAHO

Other Rights: 81-7118.

Conditions of Approval:

- 004 - The issuance of this right in no way grants any right-of-way or easement across the land of another.
- R03 - Measuring devices of a type approved by this Department shall be maintained at the point of diversion and point of effluent discharge.
- 090 - Water used under this right if discharged into a natural channel shall meet Idaho Water Quality Standards.
- 042 - The right holder shall be required to provide the Department, upon request, information showing volume changes per hour necessary to maintain an adequate environment for the fish propagation facility. Volume changes per hour shall be based upon actual fish production.
- R41 - Use of water under this right is subject to policies set forth in the State of Idaho Water Plan, including Policy No. 5G.
- 027 - Use of water under this right shall be non-consumptive.

Remarks: The total combined rate of diversion under this right and Right 81-07118 shall not exceed 6.24 cfs nor a combined volume of 4517.6 af.
The facility volume is 45,200 cubic feet.

Dates: App. Received: 12/07/1987 Priority Date: 12/07/1987
Proof Due Date: 07/01/1990 Proof Made Date: 05/11/1990
Exam Made Date: 08/06/1991 Exam Sent to S.O.: 07/17/1992
Licensed Date:

Misc: Water District Number: Field Exam Fee: R (Received)

LICEN REVIEW CHECKLIST

PERMIT NO 81-7119 DATE 3-30-94



NAME	Yes ☐	No ☒	Or Address Change?
PRIORITY DATE	☐	☒	Advance? ☐ Advanced to: _____ Order to reinstate needed? _____ Incorrect fee for rate recommended? <u>NO</u>
SOURCE	☐	☒	Changes or just clarification of originally intended source? _____ Notice of Intent to Void necessary? _____
POINT OF DIV	☐	☒	Amendment needed? _____ ☒ Overlaps? _____
PLACE OF USE	☐	☒	Amendment needed? _____ ☒ Overlaps? <u>81-7118</u>
DIV RATE	☒	☐	Measurement done? <u>YES</u> Theoretical only? _____ <u>micrometer @ = 2800 or 6.24</u> <u>(allowable)</u> Capacity: <u>6.24</u> Combined rates exceed capacity <u>YES</u> Allowable amount: <u>6.24</u> <u>CONDITION *</u>
ANNUAL VOLUME	☐	☐	Season of use: _____ Calculations: <u>VOLUME OF POUNDS + RACEWAYS =</u> <u>45,200 cu ft</u> Flow limit: <u>6.24</u> x <u>365</u> cfs x 1.9835 = <u>4517.6</u> Combined volumes exceed capacity/allowable <u>YES</u>
USES	☐	☒	Change(s) in Nature of Use? _____ Amendment necessary? _____
REMARKS	☐	☒	Multiple p/d(s) in <u>1/4</u> ? _____ * <u>W26</u> Other <u>81-07118 / MAX OF 6.24 CFS & 4517.6</u>
CONDITIONS	<u>R03</u>	☐	Measuring/Locking Devices _____ ☒ Watermaster control - District _____ ☒ Irrigation Overlap _____ <u>09D</u> Water Quality _____ ☒ Other <u>042, R41, 004, 027</u>
COMMENTS: <u>Facility volume = 45,200 cu ft</u>			

RECOMMENDED

CFS

VOLUME

FISH PROPAGATION

6.24

4517.6

LICENSE ☒

1ST AMENDMENT LETTER _____

FINAL AMENDMENT LETTER _____

FISH PROPAGATION CALCULATIONS

FILE: 87-07119
DATE: March 31, 1994

REVIEWER: Brenda Chapman

INPUT:

Fish Facility Volume
Flow into Facility

45200 cubic feet
6.24 cubic feet per second

CALCULATIONS:

Cubic feet in one hour (cubic feet per second * 3600 seconds per hour) =
Number of times flow will fill the facility in one hour (Facility volume cubic feet/flow cubic feet) =

22464 cubic feet
0.5 times/hour

Find how many changes can occur in one year :

Changes per hour =

One year =

Number of changes per year =

0.5 hours
8760 changes
4354

Find one year diversion volume in acre feet:

1 acre foot =

Facility volume =

Facility volume =

43560 cubic feet
45200 cubic feet
1.038 acre feet

Annual diversion volume =

(Total diversion volume = facility volume * changes)

4517.6 acre feet

RECEIVED

AUG 16 1994

January 10, 1992

Idaho Dept. of Fish and Game
PO BOX 25
BOISE ID 83707

RE: Water Rights for Powell Facility

Dear Sirs:

The two Water Rights (Numbers 81-07118 and 81-07119), which you have filed for your Fish Rearing Facility at Powell do not include any provisions for Domestic use. Since you are using surface water for domestic purposes, it is necessary for you to obtain an additional Water Right to cover that use. I have enclosed a Water Right Application which is partially filled out. Please complete the Application and return it to our Coeur d'Alene office. If you have any questions, please feel free to contact our Senior Water Resource Agent Tom King.

Sincerely,

Theresa J. Bright
Field Examiner

c: Jerry Mc Gehee

AUG 16 1994

SENIOR AGENT REVIEW

Check List
for
Beneficial Use Field Report

Permit 81-7119

A. GENERAL INFORMATION

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

B. OVERLAP REVIEW

- ☒ 1. & 2. (Rule 5,1,4)

C. SYSTEM DESCRIPTION

- ☒ 1. Diversion System Diagram (Rule 5,1,3 / 5,1,4)
☒ 2. USGS (Rule 5,1,7 / 5,1,9) Aerial (Rule 5,1,17)
Photo of pd and/or pu or explanation
☒ 3. Word Picture (Rule 5,1,3 / 5,1,4)
☒ 4. Diversion (Rule 5,1,3)
☒ 5. Compare with USGS Map/Land Survey Maps/Aerial Photos/Permit.
Government Lot ?
Method of determination
☒ 6. Compare USGS/Land Survey? Aerial Photos/Permit.
Method of determination,
Irrigation (Rule 5,1,8),

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

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

F. OPTIONAL

G. VOLUME CALCULATIONS

- Three significant figures/not less than 0.10 (Rule 6,1,2)
Fish (Rule 5,1,11) number stock, homes, etc... (Rule 5,1,12)

H. REMARKS AND OVERLAP ANALYSES

- All actual uses listed (Rule 5,1,2):
All unused, permitted uses listed (Rule 5,1,2):
Overlaps (Rule 5,1,4):
Return flows (Rule 5,1,5):
Conditions (Rule 5,1,6).

I. RECOMMENDATIONS

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

J. AUTHENTICATION

Name, Signature, Certification Date, Exam Date.

WELL INSPECTION REPORT

Check with permit and well log for discrepancies

Signature Tom D. King
Tom D. King Sr. Water Resource Agent

Date 11/27/91

RECEIVED
JUL 27 1992

Department of Water Resources

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 81-7119

1. Owner: State of Idaho, Dept. of Fish & Game Phone No. 334-3730
Current Address: P.O. Box 25 Boise, ID 83707

2. Accompanied by: Jerry M^cGeehee EXAM. DATE: 8/6/91

Address: Rt. 2 Box 121 Kamiah ID 83536 Phone No. 935 2112

Relationship to Permit Holder: Hatchery Manager

3. Source: Walton Creek tributary to Lochsa River

B. OVERLAP REVIEW

1. Other water rights with same place of use: 81-07118

☐ Copies Attached

2. Other water rights with same point of diversion: None

☐ Copies Attached

☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

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

RECEIVED
AUG 16 1994

Scale: 1" = _____

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

☒ Photo of Diversion and System Attached

(required for all but single household domestic groundwater, and stockwater.

☐ Aerial Photo Attached Na
(required for irrigation of 10 acres or more).

System Description (continued)

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

See attached

☐ See Remarks on page 4 for continuation

4.

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

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

5. **Point(s) of Diversion:**

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
	—	SE	SW	NE	34	37N	14E	Idaho	Map

6. **Place(s) of Use:**

Indicate Method of Determination Map

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
37N	14E	34			H														

Do not use this space

1991 6 1994

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

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

2. Measurements:

2,800 gpm (meter is number read x 1000 gpm, and because of turbulence, fluctuates 100-200 gpm. 2800 gpm represents highest.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2,800 gpm $\approx$ 6.24 cfs

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

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

Total Head: (1) + (2) = _____ (3)

: Flow rate: _____ cfs (4)

Water HP: (3) x (4) $\div$ 8.8 = _____ (5)

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

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

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

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

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

2. Volume Calculations for Other Uses:

AUG 16 1994

Non-Consumptive use

Total Volume of Ponds & Race ways is 45,200 or 1.04 af
Ponds & Race ways fill in $\approx$ 2 hrs at 6.24 cfs (1.04 af x 100/day x 365 days = ~~455.2 af~~ 4517.2)

6.24 x 365 x 1.9835 = 4517.6 af

H. REMARKS AND OVERLAP REVIEW ANALYSIS

This system also provides domestic water supply which is not a permitted use. A change in the nature of use would not be appropriate, as domestic use is consumptive, and therefore an expansion. TDK
 Water use cannot exceed ^{6.24} 7.0 cfs when combined with 81-7118

RETURN FLOW WITHIN SWNE, SEC 34, T 37N, R 14E - TDK

NOTE: RULE 5.1.11 ~ (6.24 cfs) (360 ⁵/H) = 2246.4 CFH

45200 ft³

2246.4 ft³/HR = 20 HRS REQUIRED FOR ONE CHANGE

OF WATER UNDER THIS RIGHT

(CALCULATION BASED ON MAX DIVERSION UNDER THIS RIGHT) TDK

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Fish ~~Recreational~~ Cultural	1-1	12-31	6.24	~~45~~ 4517.2 afa 4520 TDK
Totals:			6.24 ~~afa~~ cfs	4517.2 afa 4520 TDK

2. Recommended Amendments

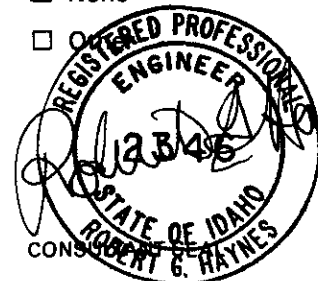
- ☐ Change P.D. as reflected above ☐ Add P.D. as reflected above
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above

☒ None

☐ Other

J. AUTHENTICATION

Field Examiner's Name Theresa J. Bright
 Signature Theresa J. Bright
 Certification Date 4/10/91
 Field Report Preparation Date 8/13/91

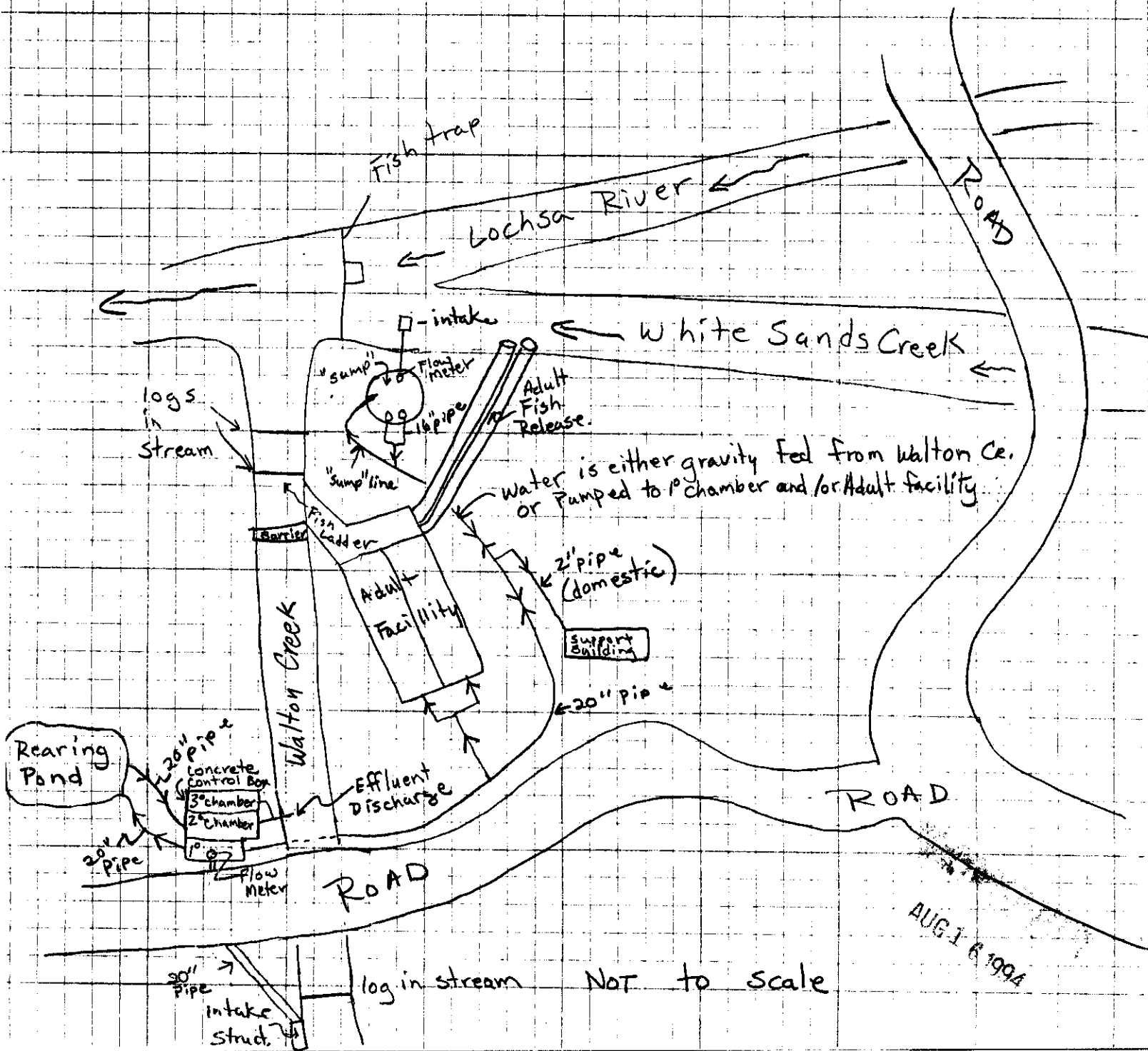


K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

12345

AUG 16 1994

Powell Fish Facility

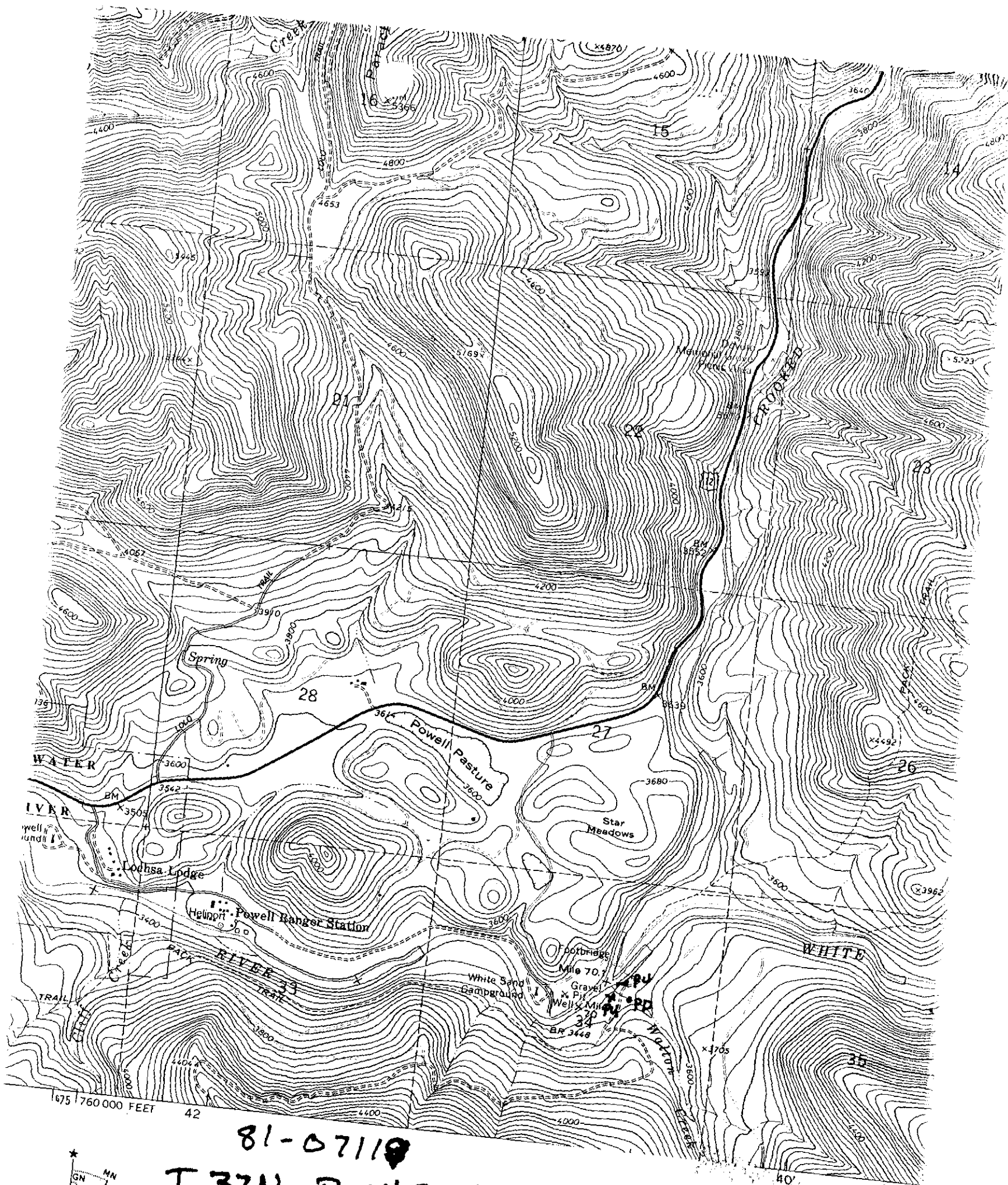


Powell Fish Facility Water System Description

Water from Walton Creek (81-07119) enters a 20 inch pipe through a screened intake structure by way of a butterfly valve. This water is gravity fed into the primary chamber of a concrete control structure, passing a micrometer flow meter as it enters. From this primary chamber water can go three places: 1.) To the rearing pond, 2.) Spill over into the secondary chamber, and 3.) To the "Sump" line. Water that is diverted to the Rearing pond returns to the secondary chamber. Water that enters the secondary chamber either immediately returns to Walton Creek through the effluent line, or overflows into the tertiary chamber and then through the effluent line into Walton Creek. Water that is diverted to the sump line can be further diverted to The Adult Facility with a butterfly valve, or to the Support Building. This line also continues to the sump (which also holds water gravity fed from White Sands Creek). A small amount of water is allowed to continually flow into the sump from Walton Creek to keep the domestic line from becoming fowled.

When additional water is needed to supplement the Water from Walton Creek, or if there should be some sort of emergency that would cause the Walton Creek source to be unavailable, water is diverted from White Sands Creek (81-07118). A screened intake lying in White Sands Creek allows water to be gravity fed into a concrete sump, passing a micrometer flow meter as it enters the sump. The sump is eight feet in diameter, 13.5 feet from ground level to the bottom of the flow meter impeller, and 1.26 feet from the bottom of the impeller to the bottom of the sump. Two 7.5 HP pumps pump water from this sump to the adult facility and on to the Support Building and the primary control chamber, if necessary. This is the same pipe line that gravity feeds water from Walton Creek, meaning that water travels different directions in the same pipe, depending on which source is used.

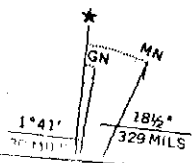
RECEIVED
AUG 16 1994



81-07119

T. 37N. R. 14E. Sec. 34
SE SW NE

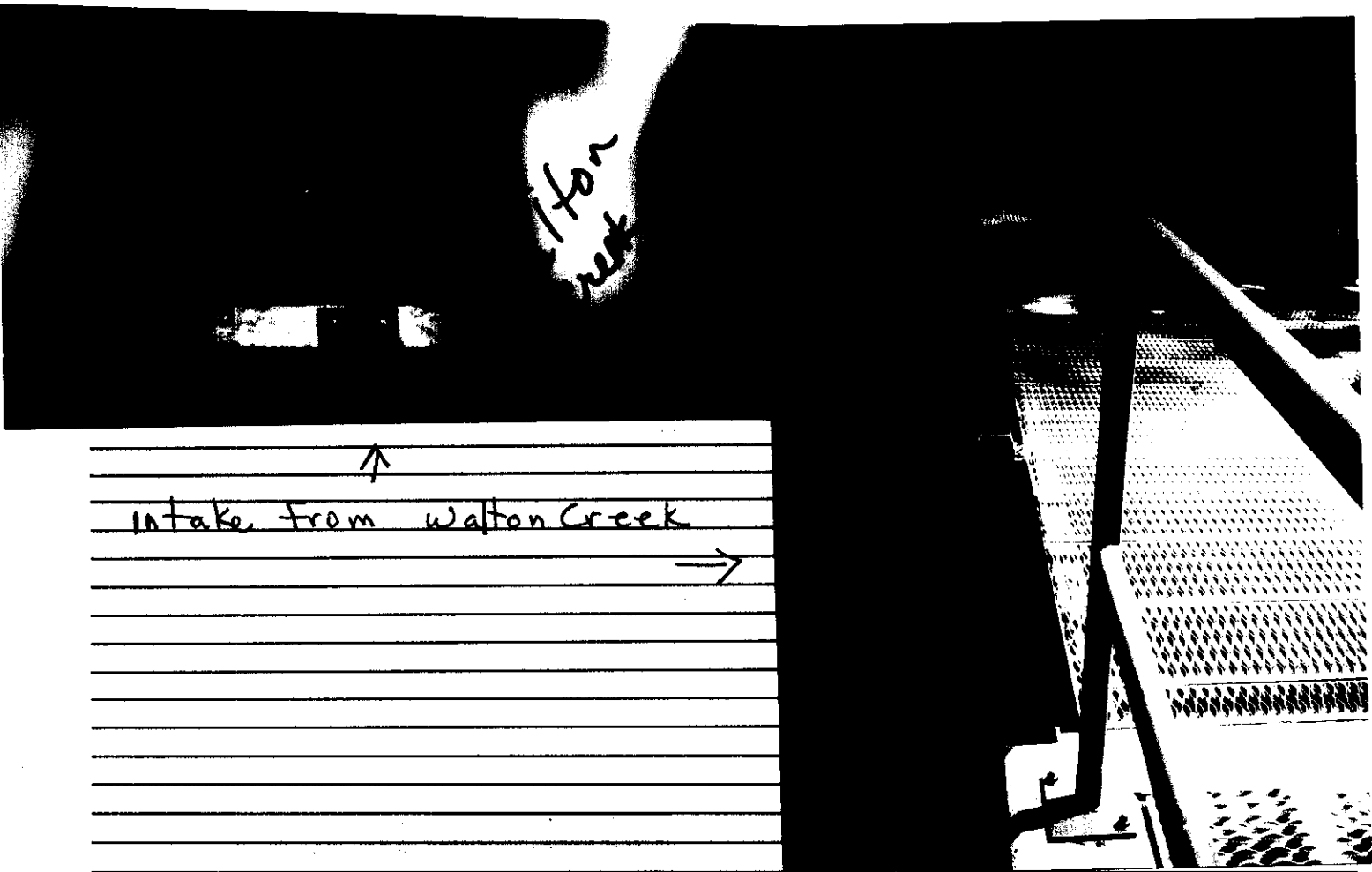
AUG 1 6 1994



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PERMIT # 81-07119
81-07118

P H O T O G R A P H S



AUG 16 1994

June 4, 1990

STATE OF IDAHO
DEPT. OF FISH & GAME
P.O. BOX 25
BOISE, ID 837070000

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 81-07119

Dear Permit Holder:

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

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

Sincerely,

Rita Fleck
Secretary/Records Manager

c: IDWR - Region

RECEIVED
JUN 28 1990

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 81-7119

Date: 5-25-90

General Considerations:

y Name same as permit
y Signature the same as permit holder
y Address change _____ If yes, prepare a data entry
y Proof received timely _____
_____ Reinstated

Source of Water:

y Surface water
_____ Groundwater
_____ 1. well log in file
W/A 2. drilling permit
_____ A. amount of drilling fee paid for proposed uses

Extent of Use and Rate of Diversion:

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

Measuring Device:

y Is a measuring device or access port required?
y Has one been installed?
_____ Waiver or modification of measuring device requested

Remarks: Proof acceptable

W/A Priority Calculation:
Date proof received _____
Date proof due _____ -
No. of days late _____ =
Priority date _____ +
NEW PRIORITY DATE _____ =

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM



IDAHO FISH & GAME

600 South Walnut / Box 25
Boise, Idaho 83707

May 9, 1990

Idaho Department of Water Resources
Statehouse Mail

Gentlemen:

Enclosed are Proof of Beneficial Use forms for Permit Numbers 81-07118
and 81-07119, together with the required fees.

If you have any questions, please give me a call at 334-3730.

Sincerely,

Philip G. Jeppson
Engineering Supervisor
Bureau of Engineering

PGJ:Q

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



RECEIVED

JUN 28 1990

138705
April 30, 1990

STATE OF IDAHO
DEPT. OF FISH & GAME
P.O. BOX 25
BOISE, ID 837070000

PROOF DUE NOTICE

RE: PERMIT NO. 81-07119

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before July 1, 1990.

(See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

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

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

SINCERELY,

Rita Fleck
Secretary/Records Manager

Enclosures

MICROFILMED

JUN 28 1990

MICROFILMED

JUN 28 1990

RECEIVED PLACE
STAMP
HERE

JUL 28 1988



Department of Water Resources

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

COMMENCEMENT OF WORKS

Permit No. 81-7119 (Walton Creek)
Name(s) of Permit Holder(s): Idaho State Dept. of Fish & Game
Post Office Address: Box 25, Boise, Id. 83707

Tel. No. 344-3730

☒ I hereby certify that construction of the above referenced permit began on May 18, 1988 (date). I understand that I must continue to develop the water system with due diligence to maintain a valid permit.

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

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

7/25/88
Date

[Signature]
Signature of Permit Holder

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

Statehouse
Boise, Idaho 83720
(208) 334-7900
July 15, 1988

STATE OF IDAHO
DEPT. OF FISH & GAME
P.O. BOX 25
BOISE, ID 837070000

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

RE: PERMIT NO. 81-07119

Dear Permit Holder:

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

Please note the requirement that as a permit holder you must commence the excavation or construction of diverting works within one year of the date the permit was issued, and you must proceed diligently until the project is completed. The enclosed blue card must be completed and returned to this office as soon as you commence construction, no later than one year from the date the permit was approved.

We have enclosed a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit into a license.

Sincerely,

Gary Spackman
Supervisor, Water Allocation Section

GS: SC
Enclosures

MAILED
OCT 13 1988



600 South Walnut • Box 25
Boise, Idaho 83707

RECEIVED
MAR 21 1988

Department of Water Resources

March 15, 1988

RECEIVED
MAR 17 1988

Department of Water Resources
Northern District Office

Mr. Tom King
Northern Region
Idaho Department of Water Resources
4055 Government Way, Rt. 5 Suite 9
Coeur d'Alene, ID 83814

Dear Mr. King:

Attached is the long-awaited copy of the Special Use Permit for our Walton Creek (Powell) Satellite facility. Included in Exhibit "A" are three satellite facilities besides the Powell facility which are also part of the Clearwater Hatchery. We have not filed for the water rights for either of the Crooked River facilities because final design is still ongoing.

Thank you for your patience in this matter.

Sincerely,

Philip G. Jeppson, P. E.
Engineer Supervisor
Bureau of Engineering

PGJ:Q

Encs.

RECEIVED

OCT 13 1988



DEPARTMENT OF THE ARMY
WALLA WALLA DISTRICT, CORPS OF ENGINEERS
BUILDING 602, CITY-COUNTY AIRPORT
WALLA WALLA, WASHINGTON 99362-9265

RECEIVED
MAR 21 1988

Department of Water Resources

March 8, 1988

REPLY TO
ATTENTION OF:

Real Estate Division

Mr. Grant Christiansen

RECEIVED
MAR 17 1988

Department of Water Resources
Northern District Office

Mr. Robert E. Littlejohn
Forest Engineer
Clearwater National Forest
12730 Highway 12
Orofino, Idaho 83544

Dear Mr. Littlejohn:

Enclosed are two executed copies of the Special Use Permit for the construction and operation of the Powell Satellite Fish Hatchery project, signed on behalf of the Corps of Engineers. Please extend our thanks to Mr. Larry Keown, the Powell District Ranger and to Mr. Tom Suk and the others on your staff who have assisted in obtaining this permit authorization.

We look forward to the successful completion of the Powell Satellite which will contribute to attaining our fisheries compensation goals under the Lower Snake River Fish and Wildlife Compensation Plan.

Sincerely,

Richard Carlton
Chief, Real Estate Division

Enclosure

Copy Furnished:

✓ Mr. Grant Christianson
Idaho Fish and Game
P. O. Box 25
Boise, ID 83707

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OCT 13 1988

US Dept. of Agriculture
Forest Service

SPECIAL USE PERMIT

Act of June 4, 1897

This permit is revocable
and nontransferable
(Ref. FSM 2710)

a. Record No.
(1-2) 70

b. Regic
(3-4) 01

c. Forest
(5-6) 05

d. District
(7-8) 06

e. User No.
(9-12) 0952

f. Kind of Use
(13-15) 216

g. State
(16-17) 16

h. County
(18-20) 049

k. Card no.
(21) 1

Permission is hereby granted to U.S. ARMY CORPS OF ENGINEERS

of WALLA WALLA DISTRICT, BLDG. 602 CITY COUNTY AIRPORT, WALLA WALLA, WA 99362
hereinafter called the holder, to use subject to the conditions set out
below, the following described lands or improvements:

National Forest Lands located in SW1/4NE1/4, Sec 34, T37N, R14E, B.M.
Latitude 46 30' 30" Longitude 114 40' 42" W.

Exhibit A - Lower Snake River Fish and Wildlife Compensation Plan,
Clearwater Hatchery, Powell Satellite Facility, Tract Description,
Project Map and Construction Plans.

This permit covers 7.77 acres and is issued for the purpose of:

Construction, maintaining and operating a satellite fish hatchery facility.
The permittee is authorized to sublet the facilities through the U.S. Fish
and Wildlife Service to the Idaho Fish and Game for operation and maintenance.
See Exhibit A Design and Construction Plans, General Site Plan for list of
improvements and Exhibit B for additional management stipulations relating
to maintenance and use of access roads and operation of the hatchery.

1. Construction or occupancy and use under this permit shall begin within
9 months, and construction, if any, shall be completed within 24
months, from the date of the permit. This use shall be actually exercised at
least 60 days each year, unless otherwise authorized in writing.

2. RENTAL FEES WAIVED UNDER REGULATION 36 CFR 251.57(c)

Provided, however, Charges for this use may be made or readjusted whenever
necessary to place the charges on a basis commensurate with the value of use
authorized by this permit.

3. This permit is accepted subject to the conditions set forth herein, and to
conditions 18 to 41 attached hereto and made a part of this permit.

HOLDER	Name of holder <u>Richard Carls</u> U.S. ARMY CORPS OF ENGINEERS WALLA WALLA DISTRICT	Signature of Authorized Officer <u>[Signature]</u> Title: Chief, Real Estate Date: <u>5/10/88</u>
	Name and Signature <u>[Signature]</u> FRED L. TREVEY	Title: Forest Supervisor Date: <u>3/2/88</u>

GPO 926-202 2700-1

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4. Development plans; layout plans; construction, reconstruction, or alteration improvements; or revision of layout or construction plans for this area must be approved in advance and in writing by the Forest Supervisor. Trees or shrubbery on the permitted area may be removed or destroyed only after the forest officer in charge has approved, and has marked or otherwise designated that which may be removed or destroyed. Timber cut or destroyed will be paid for by the holder as follows: Merchantable timber at appraised value; young-growth timber below merchantable size at current damage appraisal value; provided that the Forest Service reserves the right to dispose of the merchantable timber to other than the holder at no stumpage cost to the holder. Trees, shrubs, and other plants may be planted in such manner and in such places about the premises as may be approved by the forest officer in charge.
5. The holder shall maintain the improvements and premises to standards of repair, orderliness, neatness, sanitation, and safety acceptable to the forest officer in charge.
6. This permit is subject to all valid claims.
7. The holder, in exercising the privileges granted by this permit, shall comply with the regulations of the Department of Agriculture and all Federal laws, ordinances, or regulations which are applicable to the area or operations covered by this permit.
8. The holder shall take all reasonable precautions to prevent and suppress forest fires. No material shall be disposed of by burning in open fires during the closed season established by law or regulation without a written permit from the forest officer in charge or his authorized agent.
9. The holder shall exercise diligence in protecting from damage the land and property of the United States covered by and used in connection with this permit.
10. The holder shall fully repair all damage, other than ordinary wear and tear, to National Forest roads and trails caused by the holder in the exercise of the privilege granted by this permit.
11. No Member of or Delegate to Congress or Resident Commissioner shall be admitted to any share or part of this agreement or to any benefit that may arise herefrom unless it is made with a corporation for its general benefit.
12. Upon abandonment, termination, revocation, or cancellation of this permit, the holder shall remove within reasonable time all structures and improvements except those owned by the United States, and shall restore the site.
13. This permit is not transferable. If the holder through voluntary sale or transfer, or through enforcement of contract, foreclosure, tax sale, or other valid legal proceeding shall cease to be the owner of the physical improvements other than those owned by the United States situated on the land described in this permit and is unable to furnish adequate proof of ability to redeem or otherwise reestablish title to said improvements, this permit shall be subject to cancellation. But if the person to whom title to said improvements shall have been transferred in either manner provided is qualified as a holder and is willing that his future occupancy of the premises shall be subject to such new conditions and stipulations as existing or prospective circumstances may warrant, his continued occupancy of the premises may be authorized by permit to him if, in the opinion of the issuing officer or his successor, issuance of a permit is desirable and in the public interest.
14. In case of change of address, the holder shall immediately notify the Forest Supervisor.
15. The temporary use and occupancy of the premises and improvements herein described may be sublet by the holder to third parties only with the prior written approval of the Forest Supervisor but the holder shall continue to be responsible for compliance with all conditions of this permit by persons to whom such premises may be sublet.
16. This permit may be terminated by mutual consent of the Regional Forester or the Chief, Forest Service, and District Engineer, U.S. Army Corps of Engineers, Walla Walla District.
17. In the event of any conflict between any of the preceding printed clauses or any provisions thereof and any of the following clauses or any provisions thereof, the following clauses will control.

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18. RISKS AND HAZARDS: Avalanches, rising waters, high winds, falling limbs or trees, and other hazards are natural phenomena in the Forest that present risks which the holder assumes. The holder has responsibility of inspecting the site, lot, right-of-way, and immediate adjoining area for dangerous trees, hanging limbs, and other evidence of hazardous conditions and, after securing permission from the Forest Service, of removing such hazards.

19. CONSTRUCTION SAFETY: The holder shall carry on all operations in a skillful manner, having due regard for the safety of employees; and shall safeguard with fences, barriers, fills, covers, or other effective devices, pits, cuts, and other excavations which otherwise would unduly imperil the life, safety, or property of other persons.

20. HEALTH, SAFETY AND ENVIRONMENTAL PROTECTION: Holder shall take all measures necessary to protect the health and safety of all persons affected by its activities performed in connection with the construction, operation, maintenance, or termination of the right-of-way, and shall promptly abate as completely as possible any physical or mechanical procedure, activity, event, or condition, existing or occurring at any time: (1) that is susceptible to abatement by the holder, (2) which arises out of, or could adversely affect the construction, operation, maintenance, or termination of all or any part of water diversion, weir and rearing pond, and (3) that causes or threatens to cause: (a) a hazard to the safety of workers or to public health or safety, or (b) serious and irreparable harm or damage to the environment (including but not limited to areas of vegetation or timber, fish or other wildlife populations, or their habitats, or any other natural resource). Holder shall immediately notify the authorized officer of all serious accidents which occur in connection with such activities.

21. AREA MAINTENANCE: The permitted area will be maintained to present a clean, neat, and orderly appearance. Trash, debris, unusable machinery, improvements, etc., will be disposed of currently. Building materials, firewood, etc., will be neatly stacked.

22. REFUSE DISPOSAL: The holder shall dispose of refuse resulting from this use, including waste materials, garbage, and rubbish of all kinds in the following manner:

In accordance with current Idaho County policies or regulations.

23. ELECTRICAL WIRING: All electrical equipment and facilities installed and operated shall conform to the National Electric Code, ~~and the equipment must have been approved by the American Insurance Association.~~

24. FIRE EQUIPMENT: The holder shall install fire extinguishers and firefighting apparatus of types, of capacities, in numbers, and at locations approved by the authorized officer. This equipment shall be in readiness at all times for immediate use, and shall be tested each year, at such times as may be required by the authorized officer.

25. LONG-TERM USE: Unless sooner terminated or revoked by the authorized officer, in accordance with the provisions of the authorization, this authorization shall expire and become void on December 31, 2018, but a new special-use authorization to occupy and use the same National Forest System land may be granted provided the holder will comply with the then-existing laws and regulations governing the occupancy and use of National Forest lands, and shall have notified the authorized officer not less than one (1) year prior said date that such new authorization is desired.

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26. PERIODIC REVISION: The terms and conditions of this authorization shall be subject to revision in the years 1993, 1998, 2003, 2008, and 2013 to reflect changing times and conditions.

27. PERFORMANCE BY HOLDER, SUCCESSORS OR ASSIGNS: Notwithstanding the expiration or any renewal of this permit or its earlier relinquishment, abandonment, or other termination, the provisions of this permit, to the extent applicable, shall continue in effect and shall be binding on the holder, successors, or assigns, until they have fully performed their respective obligations and liabilities accruing before or on account of the expiration, or prior termination, of the permit.

28. SUBLEASING, REQUIREMENTS: The holder, in the exercise of the privileges granted by this permit, shall require that employees, sublessees, contractors, subcontractors, or renters and their employees comply with all applicable conditions of this permit and that the conditions of this permit be made a part of all subleases, contracts, subcontracts, or rental agreements. This clause shall not be construed as authorizing such subleases, contracts, subcontracts, or rental agreements unless specifically authorized elsewhere in the permit.

29. NONEXCLUSIVE USE: This permit is not exclusive; that is, the Forest Service reserves the right to use or permit others to use any part of the permitted area for any purpose, provided such use does not interfere with the rights and privileges hereby authorized.

30. WATER RIGHTS: This permit confers no right to the use of water by the holder.

31. SITE PLAN: The holder shall prepare site plans to show the location of all buildings, service areas, roads, and structures. Such plan shall be on a scale of 1" = 50 feet with 2 foot contour intervals. The holder is encouraged to consult with the authorized officer during the preparation of the site plan to ensure that it is adequate and to gain multiple-use compliance. No construction shall be undertaken by the holder prior to site plan approval.

32. SITE GRADING PLANS: The holder shall prepare grading plans, profiles and cross-sections to show precise elevations, excavations, and other details related to the installation of buildings, structures, or improvements on the permitted-use area. Such plans shall include provisions for drainage, retaining structures, seeding, and planting, to be made for the prevention and control of erosion on the permitted area and the National Forest lands adjacent to the permitted area, insofar as the latter may be influenced by the permitted use.

33. SITE PLANTING PLANS: The holder shall submit plans to reasonably restore or protect all areas disturbed during construction. Such plans will identify plant material by botanical name, size, and location. Each stage of construction will be considered complete only upon completion and acceptance of the successful seeding and planting in the vicinity of construction. All seeding and planting required on the permitted area shall be completed according to the development schedule.

34. PLAN, MAP AND SPECIFICATION LANGUAGE: All plans, maps, and specifications shall be written in English and shall use American standards of measurement.

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35. ENVIRONMENTAL STANDARDS. Holder shall conduct all activities associated with the water diversion, weir, and rearing pond in a manner that will avoid or minimize degradation of air, land, and water quality. In the construction, operation, maintenance, and termination of the water diversion, weir, and rearing pond, holder shall perform its activities in accordance with applicable air and water quality standards, related facility siting standards, and related plans of implementation, including but not limited to standards adopted pursuant to the Clean Air Act, as amended (42 USC 1857) and the Federal Water Pollution Control Act, as amended (33 USC 1321).

36. IMPLIED PERMISSION: Nothing in this authorization shall be construed to imply permission to use the area for any purpose nor to build or maintain any structure or facility not specifically named on the face of this special-use permit, or approved by the Forest Service in the form of construction plans and an authorization amendment or a new special-use permit.

37. ESTHETICS: The holder shall protect the scenic esthetic values of the area under this permit, and the adjacent land, as far as possible with the authorized use, during construction, operation, and maintenance of the improvements.

38. REVEGETATION, SURFACE RESTORATION OF TOPSOIL: Topsoil shall be stripped from the permitted area and be deposited in storage piles apart from other excavated material. After the desired amount of material has been removed, and the resulting pit has been trimmed and smoothed as required, the stored topsoil shall be evenly spread over exposed subsoil to the extent that may be practicable, and shall be revegetated.

39. PESTICIDE USE: Pesticides may not be used to control undesirable woody and herbaceous vegetation, aquatic plants, insects, rodents, trash fish, etc., without the prior written approval of the Forest Service. A request for approval of planned uses of pesticides will be submitted annually by the holder on the due date established by the authorized officer. The report will cover a 12-month period of planned use beginning 3 months after the reporting date. Information essential for review will be provided in the form specified. Exceptions to this schedule may be allowed, subject to emergency request and approval, only when unexpected outbreaks of pests require control measures which were not anticipated at the time an annual report was submitted.

Only those materials registered by the U. S. Environmental Protection Agency for the specific purpose planned will be considered for use on National Forest System lands. Label instructions will be strictly followed in the application of pesticides and disposal of excess materials and containers.

40. ARCHAEOLOGICAL-PALEONTOLOGICAL DISCOVERIES: If, prior to or during excavation work, items of archaeological, paleontological, or historic value are reported or discovered, or an unknown deposit of such items is disturbed, the holder will immediately cease excavation in the area so affected. Holder will then notify the Forest Service and will not resume excavation until written approval is given by the authorized officer.

If it deems it necessary or desirable, the Forest Service may require the holder to have performed recovery, excavation, and preservation of the site and its artifacts at the holder's expense. At the option of the Forest Service, this authorization may be terminated at no liability by the United States when such termination is deemed necessary or desirable to preserve or protect archaeological, paleontological, or historic sites and artifacts.

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41. AREA ACCESS: The holder agrees to permit the free and unrestricted access to and upon the premises at all times for all lawful and proper purposes not inconsistent with the intent of the permit or with the reasonable exercise and enjoyment by the holder of the privileges thereof.

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LOWER SNAKE RIVER
FISH AND WILDLIFE COMPENSATION PLAN
CLEARWATER HATCHERY SATELLITE FACILITIES
LOCHSA RIVER AT POWELL

U.S. Dept. of Agriculture
Forest Service

Tract U
7.77 Acres±

Description of Tract

A tract of land lying in the southwest quarter of the northeast quarter of Section 34, all in Township 37 North, Range 14 East of the Boise Meridian, Idaho County, State of Idaho, being more particularly described as follows:

Commencing at the Section corner common to sections 27, 26, 34, and 35, Township 37 North, Range 14 East of the Boise Meridian, a two and one half inch brass cap monument marked T37N, R14E $\frac{S27 \ S26}{S34 \ S35}$ 1976

LS 981, the local grid coordinates of said monument being Y, North 52,080.92 feet and X, East 53,013.53 feet;

thence South 44° 57' 24" West, a distance of 2,234.07 feet to the POINT OF BEGINNING, lying on the southerly edge of Forest Service Road No. 111;

thence South 50° 19' 56" West, a distance of 304.65 feet;

thence North 60° 04' 00" West, a distance of 222.28 feet;

thence South 29° 56' 00" West, a distance of 100.00 feet;

thence South 60° 04' 00" East, a distance of 185.09 feet;

thence South 50° 19' 56" West, a distance of 121.30 feet;

thence South, a distance of 520.00 feet;

thence East, a distance of 160.00 feet to a point lying on the westerly edge of Forest Service Road No. 362;

thence North 41° 45' 17" East, a distance of 274.80 feet;

thence North 0° 50' 56" East, a distance of 135.02 feet;

thence East, a distance of 305.00 feet;

thence North, a distance of 95.00 feet;

thence West, a distance of 300.00 feet;

thence North 2° 19' 22" East, a distance of 115.11 feet;

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thence East, a distance of 275.00 feet;

thence North 20° 50' 21" East, a distance of 165.85 feet;

thence North 61° 04' 25" West, a distance of 130.25 feet;

thence North 60° 51' 25" West, a distance of 188.92 feet to the point of beginning.

There is EXCEPTED therefrom all that part of the above described tract lying within the right-of-way of said Forest Service Road No. 111.

The tract of land above described contains 7.77 acres, more or less.

NOTE: Bearings and distances cited in the above tract are based on a local grid system established by the U.S. Army Corps of Engineers. The point of origin of said local grid system is a U.S. Army Corps of Engineers monument marked "WCFH-1", grid coordinates being Y, North 50,000.00 feet and X, East 50,000.00 feet.

REJ 16 Jan 87
(Rev.) REJ 2 Mar 87
(Rev.) REJ 10 Nov 87

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600 South Walnut • Box 25
Boise, Idaho 83707

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Department of Water Resources
Northern District Office

February 16, 1988

Mr. Tom King
Idaho Department of Water Resources
4055 Government Way
Rt. 5, Suite #9
Coeur d'Alene, ID 83814

Dear Mr. King:

Powell Satellite Facility/Special Use Permit

Enclosed are copies of several pages from the Powell Satellite Facility Design Memorandum listing criteria for the adult holding pond and the rearing pond.

We were assured by the Corps of Engineers that the Special Use Permit would be in their hands by February 1. As of today, we still have not received a copy. We will forward a copy to you as soon as we receive it.

I am sorry for the delay and thank you for your patience in this matter.

Sincerely,

Philip G. Jeppson, P. E.
Engineer Supervisor
Bureau of Engineering

PGJ:Q

Encs.

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**US Army Corps
of Engineers**
Walla Walla District

This report NOT FOR PUBLIC RELEASE.
Its contents are not to be used for AD-
VERTISING, PUBLICATION, OR PRO-
MOTIONAL PURPOSES.

35

Lower Snake River Fish and Wildlife Compensation

Powell Satellite Facility

Design Memorandum No. 18.1

June 1987

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SECTION 6 - BIOLOGICAL AND FACILITY DESIGN CRITERIA

6.01 GENERAL

The Powell Satellite Facility will have an adult trapping, holding and spawning facility and smolt rearing/acclimation facility. This facility is to be operated and maintained as part of the Clearwater Fish Hatchery by the Idaho Department of Fish and Game.

This section contains the biological and facility design criteria for the construction of the Powell Satellite Facility. The design criteria was developed by the Idaho Department of Fish and Game based on their experience and the need to replenish the salmonid run of this important river system.

6.02 CLEARWATER HATCHERY PROGRAM

As detailed in Design Memorandum No. 18, the goal of the Clearwater Hatchery Program is to collect 4.0 million spring chinook salmon eggs for the entire Clearwater Hatchery Program annually. To meet this goal, 1,000 adult female fish must be trapped for spawning. The Powell Satellite Facility will be constructed to achieve this goal.

6.03 STREAMFLOW CONSIDERATIONS

The Powell Satellite Facility will obtain water from Walton Creek. The Idaho Fish & Game Department has determined that a minimum streamflow volume of 2 cfs must be maintained in Walton Creek to maintain resident fisheries. The water intake structure will be equipped with an adjustable gate at the inlet pipe for bypassing flow to meet this requirement. The water intake structure is shown on Plate 7.

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6.04 ADULT TRAP AND HOLDING POND CRITERIA

Criteria provided by the Idaho Fish and Game Department indicate that the size of each of the two adult holding ponds should be 100 feet long and 12 feet wide with an average water depth of 4.25 feet. This results in a total

of 10,200 cubic feet of holding pond water volume. With an average volume requirement of one fish per ten cubic feet, this would provide a holding capacity of 1,000 fish.

A flow volume of 9 cfs is expected for the adult holding pond, trap and fish ladder. With an average weight per fish of 20 pounds and a maximum number of fish being held equal to 800, the resulting loading factor would be 3.96 pounds per gallon per minute (lbs/gpm).

6.05 REARING/ACCLIMATION POND CRITERIA

The Idaho Department of Fish and Game has established that the Lochsa smolt rearing/acclimation ponds should have a volume of 35,000 cubic feet. The flow volume will be 7 cubic feet per second (cfs). The facility will provide capacity for approximately 17,000 pounds of spring chinook salmon smolts per year at a size of 20 fish per pound, or 5 to 5-1/2 inches in length. This type of loading will result in the following loading criteria:

Maximum Density Index = 17,000 lbs./35,000 cu. ft./5.0 inch
= 0.10 lbs./cu. ft./inch

Maximum Loading = 17,000 lbs./3,142 gpm
= 5.41 lbs./gpm flow

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State of Idaho
DEPARTMENT OF WATER RESOURCES
NORTHERN REGION

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

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

January 14, 1988

Dept. of Fish & Game
P.O. Box 25
Boise, Id. 83707

Re: 81-7118 and 81-7119

Gentlemen:

This is office is currently processing your Applications for Permit for fish culture on White Sands and Walton Creeks.

Before the applications can be approved, however, we must have the dimensions of the holding pond (Item No. 5 on sheet two of JUB File No. SN-05-42/2) and a copy of the U.S.F.S. Special Use Permit.

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

Sincerely,

TOM D. KING
Senior Water Resource Agent

TDK/pms

Celebrate
IDAHO
1890 • CENTENNIAL • 1990

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January 14, 1988

U.S. Forest Service
Clearwater National Forest
Grofino, Id. 83544

Re: 81-7118 and 81-7119

Gentlemen:

Enclosed is information which may be of interest to your Agency relating to applications recently filed with the Department of Water Resources.

Sincerely,

ROBERT G. HAYNES, P.E.
Regional Supervisor

RGH/pms

Enclosure

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OCT 13 1988

January 14, 1988

Dept. of Fish & Game
P.O. Box 25
Boise, Id. 83707

Re: 81-7119

Gentlemen:

The Department of Water Resources acknowledges receipt of your water right application for permit. The application has been assigned Identification No. 81-7119. Please refer to this number in all further correspondence.

This office is currently in the process of advertising the application in the Idaho County Free Press. The advertisement will be published for two 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 the 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.

Enclosed please find your Receipt No. 41888 for the amount of \$250.00.

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

Sincerely,

ROBERT G. HAYNES, P.E.
Regional Supervisor

RGH/pms
Enc. - Receipt

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JAN 28 1988
Department of Water Resources
Northern District Office

AFFIDAVIT OF PUBLICATION

Charlotte Sotin being first duly

Bookkeeper

sworn, says he is the _____
of the IDAHO COUNTY FREE PRESS, a weekly newspaper which
is published and issued weekly at Grangeville, Idaho County,
State of Idaho, and which is of general circulation in said county
and state; that the said notice, of which the one hereto attached
is a true copy, was published in said paper for two weeks,
being published two times, the first publication being
on the 20th day of January, 19 88,
and the last publication on the 27th day of
January, 19 88, and that the said notice
was published in the newspaper proper and not a supplement;
that said newspaper has been continuously and uninterruptedly
published in said county during a period of more than seventy-
eight consecutive weeks prior to the first publication of said
notice or advertisement.

Charlotte Sotin

Subscribed and sworn to before me this 27th day
of January, 1988.

[Signature], Notary Public
for State of Idaho, residing at Grangeville, Idaho.

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STATE OF IDAHO
DEPT. OF FISH & GAME, P.O. BOX 25,
BOISE, ID 83707
Source: WHITE SANDS CREEK Div. to
LOCHSA RIVER
Diversion Pt: SEOWNE Sec 34 T 37N R
14E
Use: FISH PROP. (70 CPS)
Date Filed: 12/07/87
In: SEOWNE Sec 34 T 37N R 14E
STATE OF IDAHO
DEPT. OF FISH & GAME, P.O. BOX 25,
BOISE, ID 83707
Source: WALTON CREEK Div. to
LOCHSA RIVER
Diversion Pt: SEOWNE Sec 34 T 37N R
14E
Use: FISH PROP. (70 CPS)
Date Filed: 12/07/87
In: SEOWNE Sec 34 T 37N R 14E
These waters will be subject to all prior
water rights. Protrude over the Black with
the Division of Water Resources.
B. 10000, Idaho 83814 on or before
FEBRUARY 9, 1988.
R. BETH / RECORDING, etc.
Published 12/7/87

[Signature]
2/1/88

81-7119

STATE OF IDAHO

DEPT. OF FISH & GAME, P.O. BOX 25, BOISE, ID 83707

Source: WALTON CREEK trib. to LOCHSA RIVER

Diversion Pt: SESWNE Sec 34 T 37N R 14E

Use: FISH PROP. (7.0 CFS)

Date Filed: 12/07/1987

In: SWNE Sec 34 T 37N R 14E

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