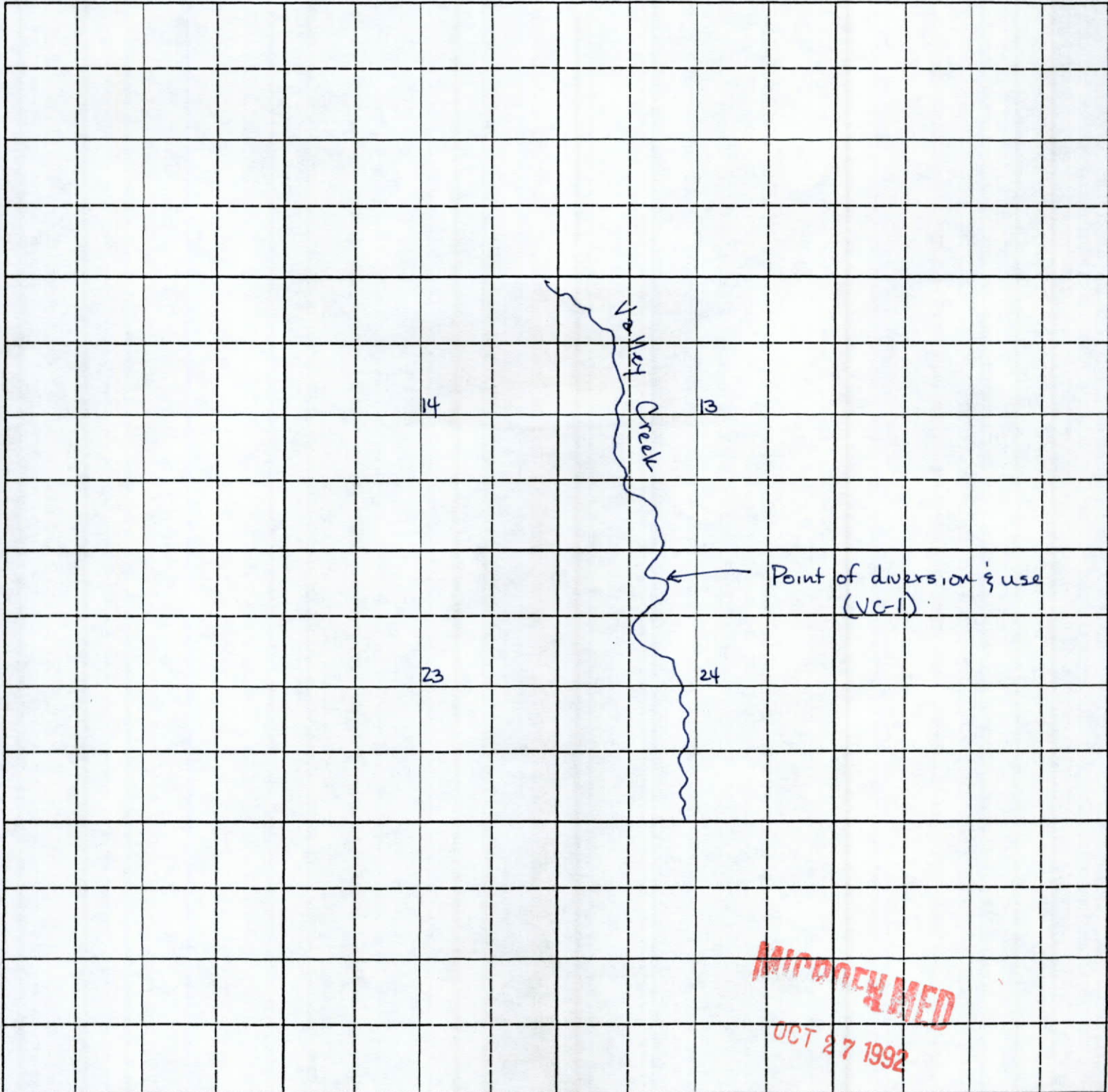


71-7159

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

T11N R2E

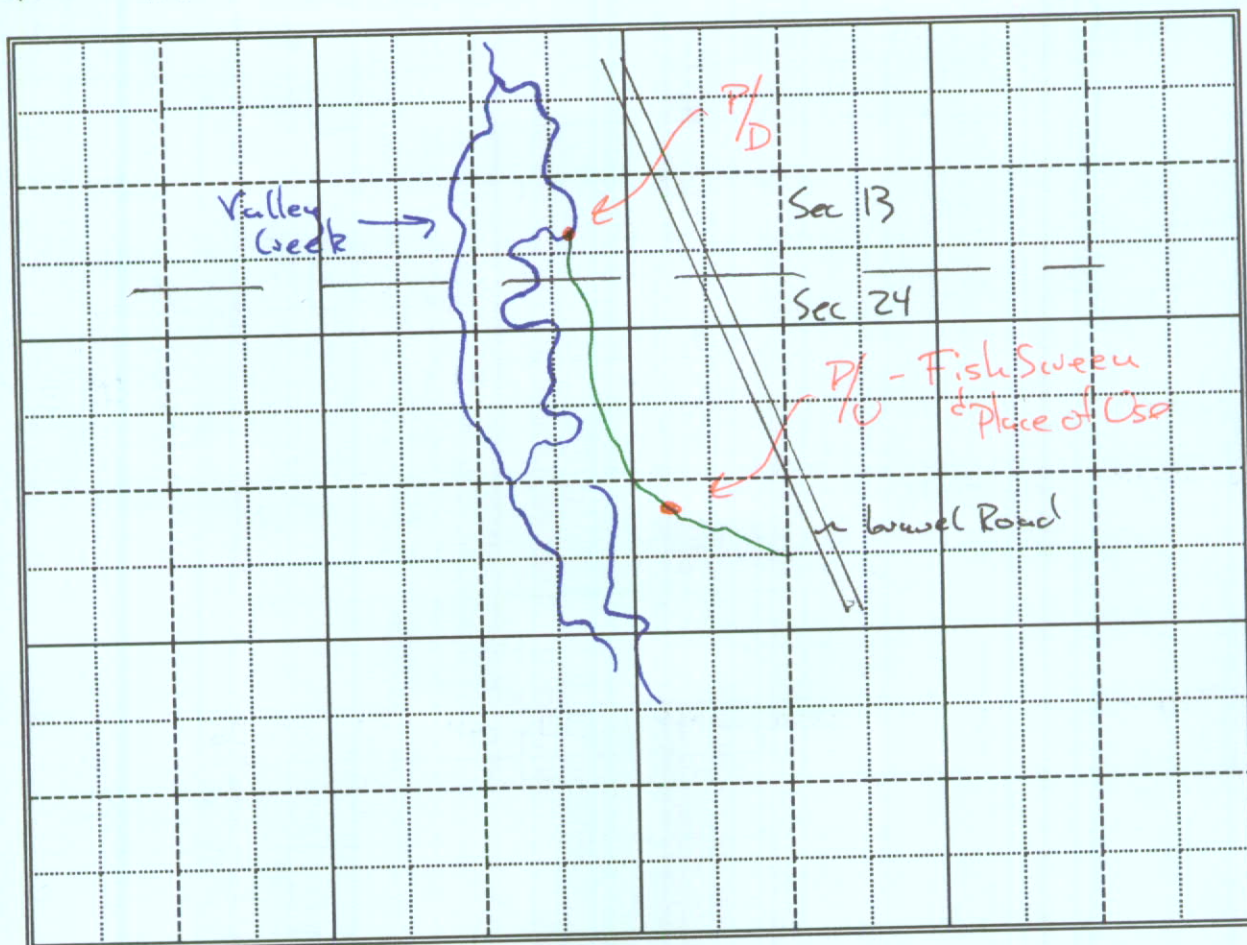


Scale: 2 inches equal 1 mile.

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

Cynthia Robertson IDFG
(Applicant)

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



Scale: Not to Scale

☒ 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
W/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
Ultrasonic Flowmeter	TypeFlyte	Polysonics	TF-P	W7H5506		
Automatic level	(3E)	Soltekish/Lietz	153294 / 10347			

2. **Measurements:** With the ultrasonic flowmeter, a diversion rate of 1.37 cfs was measured. $H = 1.10'$ Water Surface At Inlet = 5.41' " " At Outlet = 6.57'

MODE SELECT ER
INPUT

MODE SELECT
INPUT

OUTER DIAMETER
6.5651 IN

PIPE MATERIAL
? PVC

WALL THICKNESS
.17000 IN

INNER LINING
? NO LING.

KIND OF FLUID
? WATER

SENSOR MOUNTING
? SMALL

TYPE OF SENSOR
? SMALL

DATA CHANGE
? NO

SPACING
4.436 IN U

ZERO MODE
CLEAR

ZERO MODE
OUT ZERO

08-04 08:5400 *R
+003.10 % AT2

MODE SELECT
TO CHECK

0229.9 MMSEC
098.84 % T0

DAMPING SET
15 SEC

ZERO MODE
ZERO OPR

08-04 08:5500 *R
+614.464E 0GPM

08-04 08:5500 *R
+616.049E 0GPM

08-04 08:5600 *R
+003.10 % AT2

MODE SELECT
TO CHECK

0229.9 MMSEC
098.85 % T0

08-04 08:5700 *R
+617.879E 0GPM

Aug.
614.5gpm
or
1.37cts

MODE SELECT ER
INPUT

MODE SELECT
INPUT

OUTER DIAMETER
6.5651 IN

PIPE MATERIAL
? PVC

WALL THICKNESS
.17000 IN

INNER LINING
? NO LING.

KIND OF FLUID
? WATER

SENSOR MOUNTING
? SMALL

TYPE OF SENSOR
? SMALL

DATA CHANGE
? NO

SPACING
4.436 IN U

ZERO MODE
CLEAR

ZERO MODE
OUT ZERO

08-04 08:5400 *R
+003.10 % AT2

MODE SELECT
TO CHECK

0229.9 MMSEC
098.84 % T0

DAMPING SET
15 SEC

ZERO MODE
ZERO OPR

08-04 08:5500 *R
+614.464E 0GPM

08-04 08:5500 *R
+616.049E 0GPM

08-04 08:5600 *R
+003.10 % AT2

MODE SELECT
TO CHECK

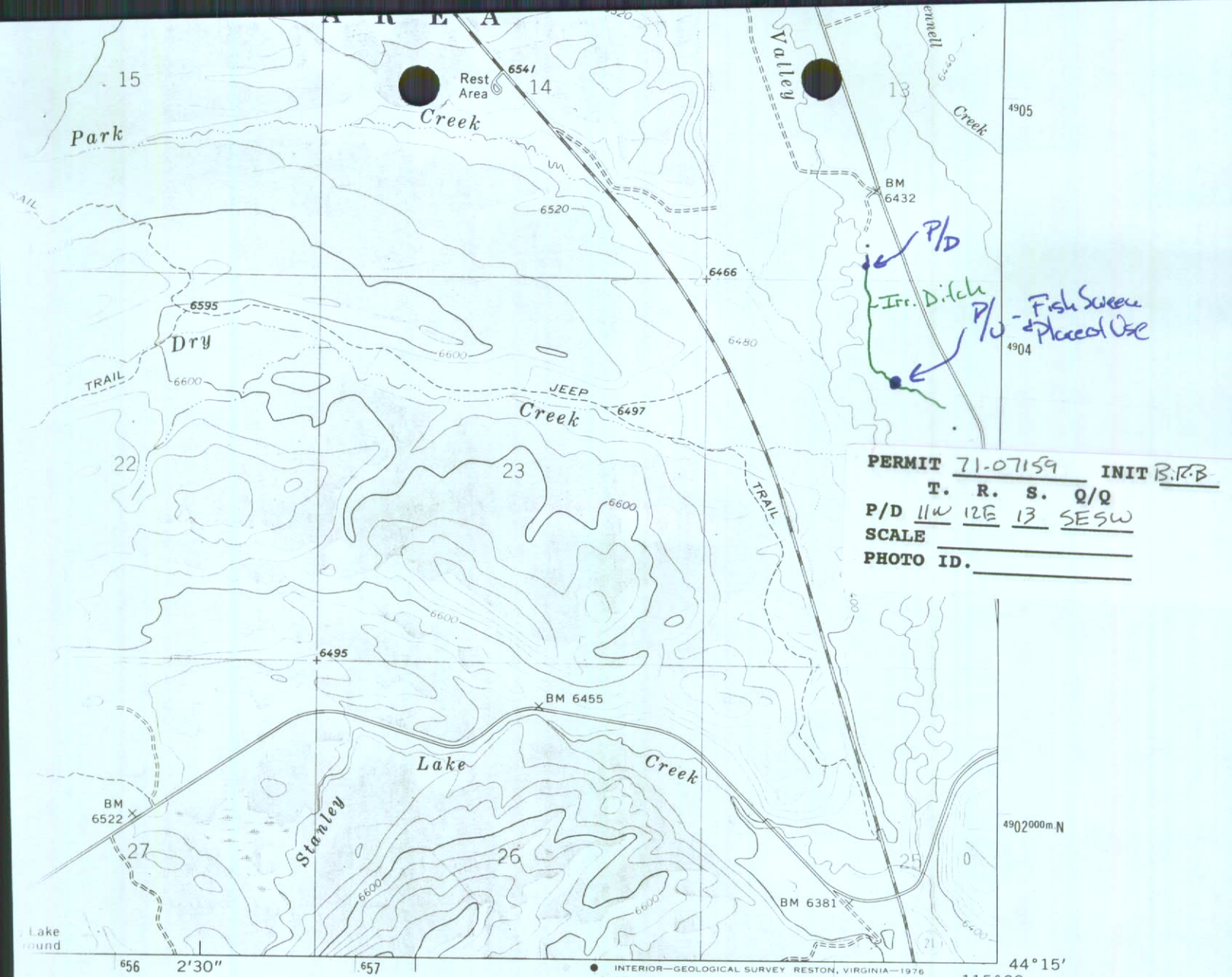
0229.9 MMSEC
098.85 % T0

08-04 08:5700 *R
+617.879E 0GPM

Aug.
614.5gpm
or
1.37cts

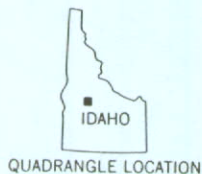
P71-07159
8-4-93

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OCT 31 1994



PERMIT 71-07159 INIT B.R.B.
T. R. S. Q/Q
P/D 11W 12E 13 SE SW
SCALE
PHOTO ID.

1 MILE
7000 FEET
KILOMETRE



QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route
U. S. Route
State Route

ELK MEADOW, IDAHO
N4415—W11500/7.5

1972

AMS 2972 I SE—SERIES V893

Southern

OCT 31 1994

4-68

6" pvc
bypass runs southwest to a ditch that
carries the
excess water
back to Valley
Creek



P71-7159
Photos taken on
August 4, 1993

electric driven
fish screen down

P/U

P/U is 1/4 of a mile
upstream from fish
screen on Valley Creek

flush inlet with wooden
side



outlet pipe is
100% full
but open discharge

polysonic
ultrasonic
flowmeter
measurement
was taken
here

WATER

OCT 31 1994

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 71-07159

Priority: June 9, 1992

Maximum Diversion Rate:

0.80 CFS

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

has complied with the terms and conditions
of the permit, issued pursuant to Application for Permit dated June 9, 1992; and
has submitted Proof of Beneficial Use on January 13, 1993. An examination indicates
that the works have a diversion capacity of 1.370 cfs of water from:

VALLEY CREEK tributary to SALMON 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	05/01 to 09/30	0.80 CFS	

LOCATION OF POINT(S) OF DIVERSION:

SESW, Sec. 13, Township 11N, Range 12E
CUSTER County

PLACE OF USE: FISH PROPAGATION

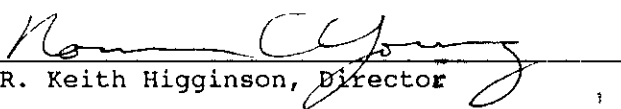
TWN RGE SEC

11N 12E 24 NENW

CONDITIONS/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. The issuance of this right in no way grants any right-of-way or easement across the land of another.
6. 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 Valley Creek.

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 13TH
day of SEPTEMBER, 1994.

Acting for: 
R. Keith Higginson, Director

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 71-07159

APPROVED

Date of Priority: June 9, 1992 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. 71-07159, and requests that the permit be changed as follows:

Source: VALLEY CREEK tributary to SALMON RIVER

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
FISH PROPAGATION	05/01 to 09/30	0.80 CFS	

LOCATION OF POINT(S) OF DIVERSION: SESW, Sec. 13, Township 11N, Range 12E
CUSTER County

PLACE OF USE: FISH PROPAGATION
TWN RGE SEC
11N 12E 24 NENW

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 Salmon, Idaho, this 8TH day of August, 1994.

OCT 31 1994

Ryan D. Steath
(Signature)
Construction Supervisor
Idaho Dept. of Fish & Game

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 71-07159

FOR DEPARTMENT USE ONLY

Preliminary check by BC Fee = 2000 Received by RT # 0031030 Date 8-12-94

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, R. Keith Higginson, of the Department of Water Resources hereby approve the above Application for Amendment for Permit No. 71-07159 with the following;

CONDITIONS/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. The issuance of this right in no way grants any right-of-way or easement across the land of another.
6. 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 Valley Creek.

Witness my hand this 13TH day of SEPTEMBER, 1994.

Norman C. Young
Acting for R. Keith Higginson, Director

11094

RECEIVED

JAN 13 1993

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Department of Water Resources

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. 71-07159 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: Valley Creek, tributary of Salmon River

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

OPTIONAL:

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

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

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

Irrigation _____ (No. of acres) Other Fish Propagation

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

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

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

OR

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

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

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

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.

FEB 05 1993

Date

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

12-10-92 Jim Blake, Const Supervisor [Signature]

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 71-07159

Proposed Priority: June 9, 1992 Maximum Diversion Rate: 0.80 CFS
This is to certify, that STATE OF IDAHO

DEPT OF FISH & GAME
PO BOX 25
BOISE ID 83707

has applied for a permit to appropriate water from:

VALLEY CREEK

tributary of SALMON 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: NENW , Sec. 24, Township 11N, Range 12E
CUSTER County

PLACE OF USE: FISH PROPAGATION
TWN RGE SEC

11N 12E 24 NENW

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before November 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 Valley Creek.

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

29th day of September, 1992

[Signature]
for R. Keith Higginson, Director

MICROFILMED

OCT 27 1992

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 71-7159

RECEIVED

JUL 15 1992

To appropriate the public waters of the State of Idaho

Department of Water Resources
Southern Region Office

1. Name of applicant Idaho Department of Fish and Game Phone 334-3700
Post office address 600 S. Walnut P.O. Box 25 Boise, ID. 83707
2. Source of water supply Valley Creek which is a tributary of Salmon River
3. Location of point of diversion is _____ 1/4 of NE 1/4 of NW 1/4, Govt. Lot _____
Sec. 24 Township 11N Range 12E B.M. Custer County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount 0.8 for fish propagation purposes from 3/15 to 11/15 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 0.8 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. Wood structure in ditch with
screen and bypass pipe

b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage:
_____ to _____ inclusive.
c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
d. Is ground water with a temperature of greater than 90°F being sought? no
7. Time required for the completion of the works and application of the water to the proposed beneficial use is
Screen built in 1979 and has operated since that time.
1 years (minimum 1 year).

OCT 27 1992

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. Fish - screen prevents fish from entering irrigation ditch and bypass pipe returns fish and water to creek

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	
11N	12E	24					H												

Total number of acres to be irrigated _____

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

11. a. Who owns the property at the point of diversion? M-Bar Livestock Ranches

b. Who owns the land to be irrigated or place of use? same

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. Easement agreement VC-1 filed at Custer Co. courthouse on 4/17/61, pp. 154-156 & 159-160, Book 34. Ditch owner - M-Bar Livestock Ranches

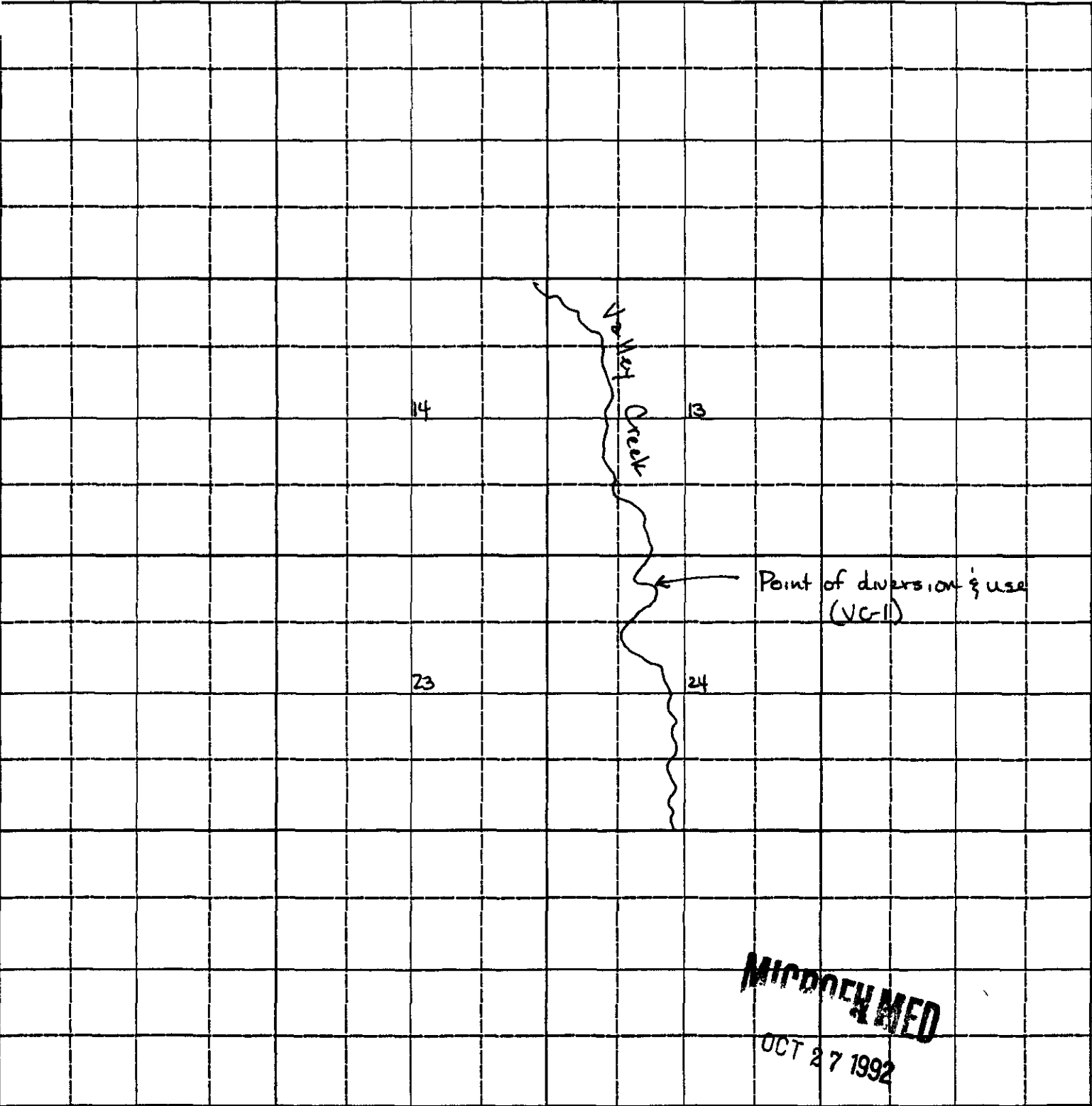
12. Remarks: _____

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OCT 27 1992

71-7159

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

T11N R12E



Scale. 2 inches equal 1 mile.

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

Cynthia Robertson IDFG
(Applicant)

Received by SC Date 6/10/92 Time 2:30 Prelim. check by 6-16-92-MTS
Fee \$ 4500 Receipted by SC # C024477 Date 6/10/92
Publication prepared by MB Date 7/6/92 Published in Challis Messenger
Publication approved M. Baldwin Date 8-24-92

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
OCT 27 1992



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 14, 1994

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

RE: WATER RIGHT NO. 71-07159

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit along with a copy of your approved Application for Amendment.

Should you have any questions regarding these documents, please feel free to contact this office.

Sincerely,

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

Shelley W. Keen
Water Rights Supervisor

SK:dc

Enclosure

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OCT 31 1994



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

June 27, 1994

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

RE: WATER RIGHT NO. 71-07159

Dear Water Right 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 correspond with the findings of the Department's field examiner.

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 point(s) of diversion. Please review carefully and if you concur, sign the amendment and return with the \$20.00 filing fee within 60 days.

The last page of the Application for Amendment form contains a list of CONDITIONS/REMARKS proposed for the license when it is issued. These conditions/remarks may be modified upon further administrative review.

If you do not concur or have any questions with this information, please contact me as soon as possible. My telephone number is (208) 327-7947.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosure

RECEIVED
OCT 31 1994

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
JUN 17 1994
Department of Water Resources

A. GENERAL INFORMATION

Permit No. 71-7159

1. Owner: State of Idaho Dept. of Fish & Game Phone No. 334-3700

Current Address: 600 S. Walnut, P.O. Box 25 Boise 83707

2. Accompanied by: Robert Downing - Screen Trencher EXAM DATE: 8-4-93
Met Scholter IDWR

Address: _____ Phone No. 774-3613

Relationship to Permit Holder: Employee of Fish & Game

3. Source: Valley Creek tributary to Salmon River

B. OVERLAP REVIEW

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

2. Other water rights with the same point of diversion: R71-00055, A71-00058

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
			SE	SW	13	11W	2E	Luster	USGS Topo, Orthophoto Quad

2. Place(s) of Use:

Indicate Method of Determination USGS Topo, Orthophoto Quad

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
11W	2E	24					H												H

OCT 31 1994



2. Measurements: Unlike ultrasonic flowmeter, a diversion rate of 137 cfs was measured. $H = 1.10'$ Water Surface At Inlet $= 5.91'$ At Outlet $= 6.57'$

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Ultrasonic Flowmeter	Hydrel Polysource TF-7	50 ft. 5 in. / 1.5 ft. 2	153254 / 10347	A7H5506		
Automatic Level	(3E)					

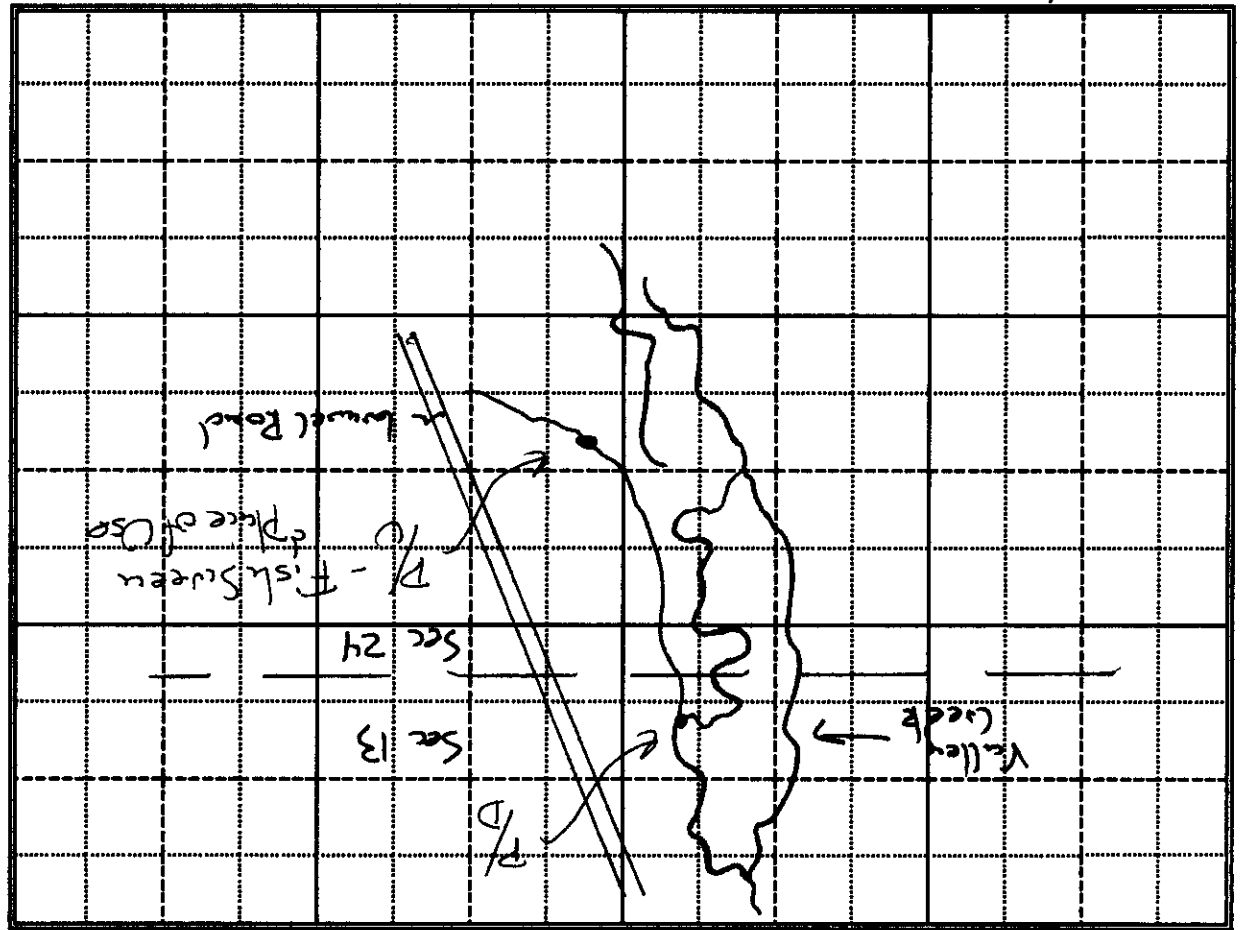
D. FLOW MEASUREMENTS

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

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

4. ☒ 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

Scale 1:1000



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

E. NARRATIVE/REMARKS/COMMENTS

A 6" pvc pipe runs southwest 20' to an excess bypass irrigation ditch that runs to a channel of Valley Creek. A 6" inlet is flush with the wooden structure at the fish screen. The 6" outlet was 100% full discharged openly.

The P/D is approximately 1/4 of a mile northwest of the fish screen on Valley Creek.

Measurements were taken with the ultrasonic flowmeter and the survey equipment.

The water level from the middle of the pipe was 0.80'.
The use of water shall be non-consumptive only.

This water right is subordinate to all existing water rights at the point of diversion.

Water returns to Valley Creek on the NENW, S24, 11N, 12E

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

APPROVED FOR

OCT 31 1994

F. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method:

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: *n/A*

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

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

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

2. Volume Calculations for Other Uses:

For Non-Consumptive Use Only

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>9/30</i>	<i>0.80 cfs</i>	<i>-</i>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:			<i>0.80 cfs</i>	<i>-</i>

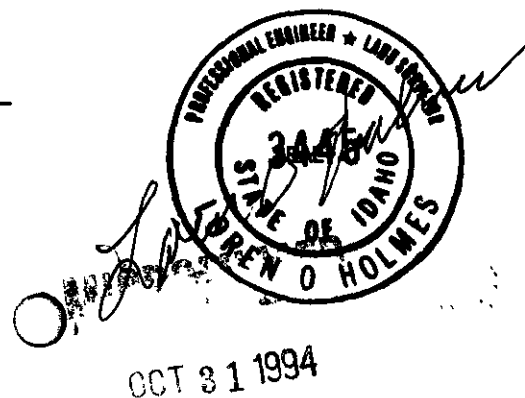
2. Recommended Amendments

☒ 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. AUTHENTICATION

Field Examiner's Name *Bruce Bandy* Date *9-20-93*

Reviewer _____ Date _____



OCT 31 1994

DATE: August 10, 1993
FROM: Brett Barry
TO: FILES 71-7146 through 71-7162
SUBJECT: Fish Screens - Measurement

In the Salmon River drainage basin, near Stanley, the IDFG has built a fish screen on almost every major irrigation canal that diverts water from a river or creek that possess a spawning fish population.

The IDFG filed adjudication claims on these fish screens but then withdrew their claims. These permits are taking the place of the withdrawn claims.

On August 3 and August 4, Mel Schulte and I conducted the field examinations for the above water permits. Each fish screen, or permit, had a unique structure and bypass pipe. The water permit was for the diversion of water from the irrigation canal to the bypass pipe at the fish screen.

Most of the permits contained bypass pipes that were underground from the entrance at the fish screen to the outlet at the river or creek, therefore, a polysonic ultrasound measurement was usually not possible.

Loren Holmes, manager of Southern Regional office, suggested we survey the structure and obtain the difference in elevation between the water surfaces. This enables us to find the amount of head (energy per unit weight) consumed in the bypass pipe. Once the amount of head consumed is found, the flow can be calculated by estimating the relative roughness of the pipe or by estimating a Manning's coefficient.

The actual calculation involves using the Manning's equation for head loss in a pipe and the minor losses caused by inlets, outlets, and transitions, and the velocity head generated by an open discharge. This calculation was completed with the use of a program developed by Allen Merritt and myself on LOTUS 1-2-3.

The program is very useful for calculating the discharge on longer pipes. But, when the bypass pipes are very short, the minor losses control the head loss and cannot be estimated accurately enough for predictable results.

Therefore, on very short bypass pipes and where the discharge at the outlet of the bypass pipe is not full, a measurement was obtained by treating the system as an orifice with a certain amount of head.

RECEIVED
OCT 21 1994

MODE SELECT
INPUT

MODE SELECT
INPUT

OUTER DIAMETER
6.5651 IN

PIPE MATERIAL
? P2

WALL THICKNESS
.17000 IN

INNER LINING
? NO LING.

KIND OF FLUID
? WATER

SENSOR MOUNTING
?

TYPE OF SENSOR
? SMALL

DATA CHANGE
? NO

SPACING
4.436 IN

ZERO MODE
CLEAR

ZERO MODE
AUT

08-04 08:5500 *R
+003.10 % RTZ

MODE SELECT
TO CHECK

0229.9 MMSEC
098.84 % RTZ

DAMPING SET
15 SEC

ZERO MODE
ZERO OPR

08-04 08:5500 *R
+614.454E 06PM

08-04 08:5500 *R
+616.000E 06PM

08-04 08:5600 *R
+00.13 % RTZ

MODE SELECT
TO CHECK

0229.9 MMSEC
045.85 % RTZ

08-14 08:5700 *R
+00.13 % RTZ

871-07159
8-4-93

Aug.
6:16
or
1:37ds

6:16pm
or
1:37ds

OCT 31 1994

IDAHO DEPARTMENT OF WATER RESOURCES
WORKSHEET TO CALCULATE FISH SCREEN BYPASS

=====

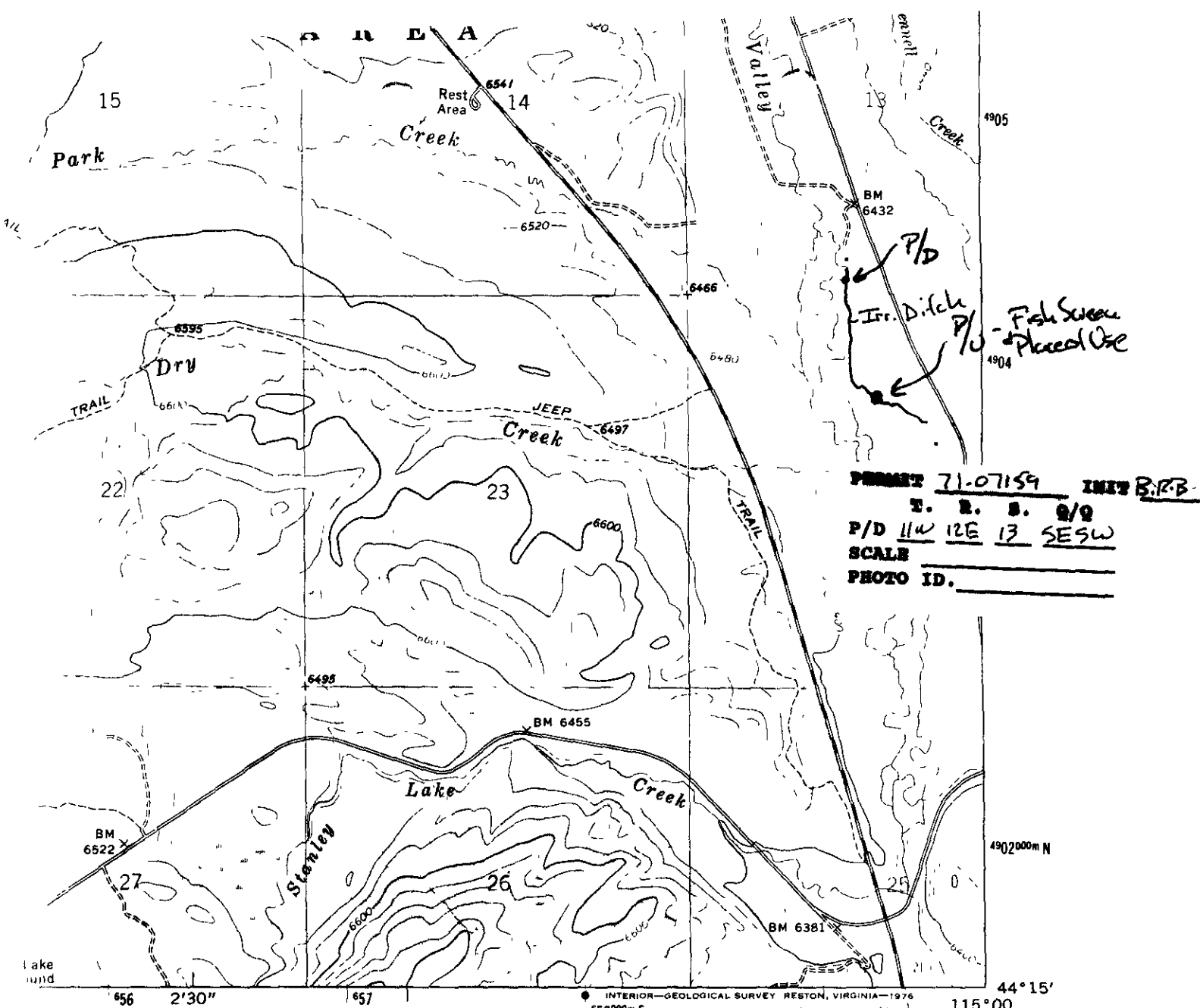
PERMIT NUMBER:	71-7159	Lotus program: FISHSCRE.WK3
LOCATION:	Valley Creek	Created by: Allen Merritt
BY:	BRB	Date last revised:
DATE:	8-11-93	8-10-93 BY ADM

PVC KIND OF PIPE
6.23 DIAMETER IN INCHES
1.1 HEAD IN FEET (DIFF BETWEEN HEAD & TAILWATER)
19 LENGTH OF PIPE IN FEET
0.009 MANNINGS ROUGHNESS COEF
1.25 MINOR LOSSES K VALUE
(INLET) RE-ENTRANT = 1, FLUSH = 0.10-0.50
(OUTLET) OPEN = 1, SUBMER = 1
(TRANSITION) 0.0-1.0

0.519167 dia in feet
0.259583 pipe radius in feet
0.129792 hydraulic radius in feet
0.057895 hydraulic slope
0.211692 cross section area of pipe

1.280617 CFS (DIRECTLY CALCULATED FROM MANNINGS)

MAINTENANCE
OCT 31 1994



PERMIT 71-07159 INIT B.R.B.
 T. 2. S. 2/Q
 P/D 11W 12E 13 SESW
 SCALE _____
 PHOTO ID. _____

1 MILE
 7000 FEET
 KILOMETRE



ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U S Route State Route

ELK MEADOW, IDAHO
 N4415-W11500/7 5

1972

AMS 2972 I SE-SERIES V893

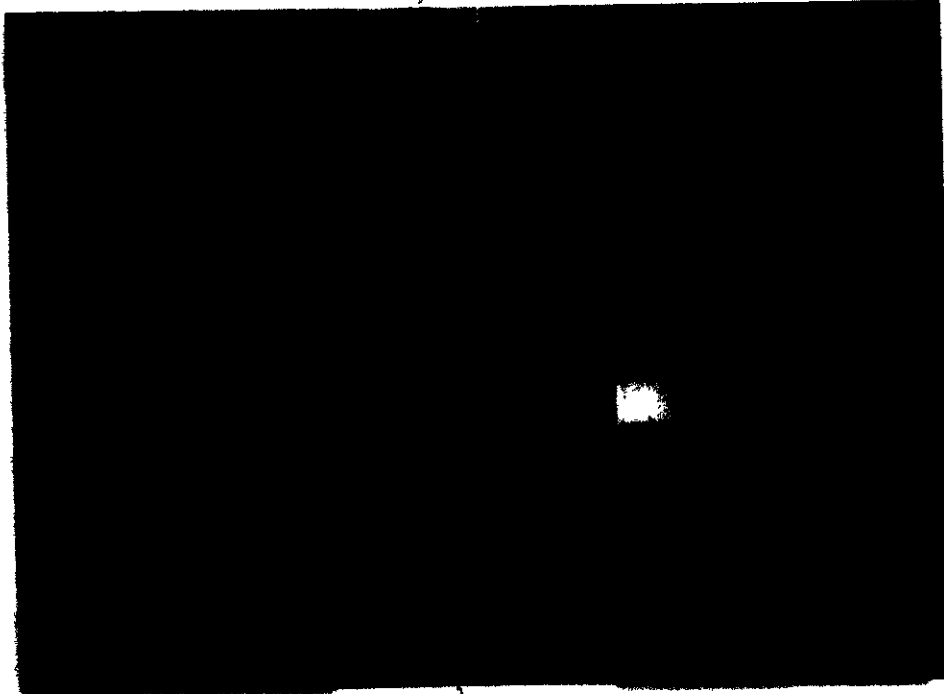
4-68

Southern

OCT 31 1994

US
 IN VIRGINIA 22092
 REQUEST

6" pvc
bypass runs southwest to a ditch that
carries the
excess water
back to Valley
Creek



P71-7159
photos taken on
August 4, 1993

electric driven
fish screen down

P/U

P/U is 1/4 of a mile
upstream from fish
screen on Valley Creek

flush inlet with wooden
side



outlet pipe is
100% full
but open discharge

ultrasonic
flowmeter
measurement
was taken
here

WIP

OCT 31 1994

January 15, 1993

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

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 71-07159

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 SOUTHERN Regional Office in Twin Falls at (208)736-3033.

Sincerely,

Karen L. Gustafson
Secretary/Records Manager

c: IDWR - Region

RECEIVED

05 1993



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

October 2, 1992

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

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 71-07159

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

MICROFILMED
OCT 27 1992



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 222 Shoshone St. East, Twin Falls, Idaho 83301 (208) 736-3033

CECIL D. ANDRUS
Governor

08-Jul-1992

R. KEITH HIGGINSON
Director

ATTN CINDY ROBERTSON
FISHERY BIOLOGIST
IDAHO FISH & GAME
PO BOX 25
BOISE ID 83707-0025

Re: Applications for Permit Nos. 71-07146 thru 71-07166,
72-07482 thru 72-07499

Dear Ms. Robertson:

The Department of Water Resources acknowledges receipt of 39 water right applications for permit. Each application has been assigned an identification number. Please refer to this number in all further correspondence. A computer produced proof report for each application is enclosed for your information and reference.

This office will be advertising the applications with points of diversion located within Custer County in the Challis Messenger on 8/6 & 8/13/92. Application No. 71-07160 will be advertised in the Wood River Journal on 8/5 & 8/12/92 because it has a point of diversion located within Blaine County. A period of ten days following the second publication will be allowed for the submittal of protests.

If an 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

RECEIVED

OCT 27 1992

Idaho Fish & Game
Page 2
08-Jul-1992

typical processing time for an unprotested application is about eight weeks.

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

Very truly yours,

Mel Schulte
Water Right Agent

MS:MB

MICROFILMED
OCT 27 1992

Public Notices

NOTICE OF APPLICATION FOR WATER RIGHT

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

71-07146
State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

Source: Elk Creek Tributary:
Valley Creek
Diverston Pt. NENW Sec 16 T 11N R 12E in Custer County

Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/24/1990
In: Custer County

T10N R12E S16 NENW
71-07147

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

Source: Elk Creek Tributary:
Valley Creek
Diverston Pt. SESE Sec 11 T 11N R 12E in Custer County

Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/24/1990
In: Custer County

T11N R12E S11 SESE
71-07148

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

Source: Valley Creek Tributary:
Salmon River
Diverston Pt. SESE Sec 3 T 11N R 12E in Custer County

Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/24/1990
In: Custer County

T11N R12E S03 SESE
71-07149

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

Source: Salmon River Tributary:
Snake River
Diverston Pt. Lot 2 (NWNW) Sec 5 T 08N R 14E in Custer County

Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County

T08N R14E S05 NWNW
71-07150

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

Source: Salmon River Tributary:
Snake River
Diverston Pt. Lot 2 (NWNW) Sec 5 T 08N R 14E in Custer County

Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County

T08N R14E S05 NWNW
71-07151

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

Source: Salmon River Tributary:
Snake River
Diverston Pt. SESE Sec 10 T 07N R 14E in Custer County

Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County

T07N R14E S10 SESE
71-07152

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

Source: Salmon River Tributary:
Snake River
Diverston Pt. SESE Sec 3 T 07N R 14E in Custer County

Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County

T07N R14E S03 SESE
71-07153

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

Source: Salmon River Tributary:
Snake River
Diverston Pt. SESE Sec 8 T 08N R 14E in Custer County

Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County

T08N R14E S06 NESE
71-07154

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

The People's Right To Know

Source: Salmon River Tributary:
Snake River
Diverston Pt. NESE Sec 8 T 08N R 14E in Custer County

Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County

T08N R14E S06 NESE
71-07155

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

Source: Valley Creek Tributary:
Salmon River
Diverston Pt. SWNW Sec 3 T 11N R 12E in Custer County

Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County

T11N R12E S03 SWNW
71-07156

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

Source: Valley Creek Tributary:
Salmon River
Diverston Pt. SESE Sec 11 T 11N R 12E in Custer County

Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County

T11N R12E S11 SESE
71-07157

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

Source: Valley Creek Tributary:
Salmon River
Diverston Pt. NWNW Sec 13 T 11N R 12E in Custer County

Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County

T11N R12E S13 NWNW
71-07158

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

Source: Valley Creek Tributary:
Salmon River
Diverston Pt. SESE Sec 13 T 11N R 12E in Custer County

Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County

T11N R12E S13 SESE
71-07159

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

Source: Valley Creek Tributary:
Salmon River
Diverston Pt. NENW Sec 24 T 11N R 12E in Custer County

Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County

T11N R12E S24 NENW
71-07161

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

Source: Salmon River Tributary:
Snake River
Diverston Pt. SESE Sec 26 T 07N R 14E in Custer County

Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County

T07N R14E S26 SESE
71-07162

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

Source: Salmon River Tributary:
Snake River
Diverston Pt. Lot 5 (SESE) Sec 15 T 10N R 13E in Custer County

Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County

T10N R13E S15 SESE
71-07163

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

Source: Salmon River Tributary:
Snake River
Diverston Pt. Lot 4 (SWNE) Sec 22 T 10N R 13E in Custer County

Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County

T10N R13E S22 SWNE
71-07164

71-07164
State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Groundwater
Diverston Pt. SENW Sec 31 T 10N R 14E in Custer County
Use: Domestic (.040 cfs)
Total Diverston: (.040 cfs)
Date Filed: 8/24/1990
In: Custer County
T10N R14E S31 SENW
71-07317

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Knapp Creek Tributary:
Marsh Creek
Diverston Pt. SWNW Sec 18 T 12N R 12E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County
T12N R12E S18 SWNW
71-07318

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Knapp Creek Tributary:
Marsh Creek
Diverston Pt. NENW Sec 18 T 12N R 12E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/24/1990
In: Custer County
T12N R12E S18 NENW
71-07483

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Salmon River Tributary:
Snake River
Diverston Pt. NWNW Sec 35 T 18N R 19E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/24/1990
In: Custer County
T18N R19E S26 SWNW
71-07483

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Salmon River Tributary:
Snake River
Diverston Pt. SESE Sec 19 T 12N R 19E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/24/1990
In: Custer County
T12N R19E S19 NWSW
71-07484

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Salmon River Tributary:
Snake River
Diverston Pt. SWNW Sec 19 T 12N R 19E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/24/1990
In: Custer County
T12N R19E S19 SWNW
71-07485

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Herd Creek Tributary:
Salmon River, East Fork
Diverston Pt. SESE Sec 18 T 08N R 19E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County
T08N R19E S18 SWNE
71-07486

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Salmon River, East Fork
Tributary: Salmon River
Diverston Pt. SWNW Sec 27 T 08N R 17E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County
T08N R17E S27 SWNW
71-07487

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Salmon River, East Fork
Tributary: Salmon River
Diverston Pt. SESE Sec 27 T 08N R 17E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County
T08N R17E S27 SESE
71-07488

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Salmon River, East Fork
Tributary: Salmon River
Diverston Pt. SENW Sec 23 T 08N R 17E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County
T08N R17E S23 SENW
71-07489

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Salmon River, East Fork
Tributary: Salmon River
Diverston Pt. SWSW Sec 1 T 08N R 17E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County
T08N R17E S01 SWSW
71-07490

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Salmon River Tributary:
Snake River
Diverston Pt. Lot 7 (SESE) Sec 26 T 11N R 16E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County
T11N R16E S26 NESE
71-07491

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Salmon River Tributary:
Snake River
Diverston Pt. SWNE Sec 7 T 12N R 19E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County
T12N R19E S07 SWNE
71-07492

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Salmon River Tributary:
Snake River
Diverston Pt. Lot 5 (SWNE) Sec 32 T 13N R 19E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County
T13N R19E S28 WNE
71-07493

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Salmon River Tributary:
Snake River
Diverston Pt. SWSE Sec 16 T 13N R 19E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County
T13N R19E S16 SWNE
71-07494

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Salmon River Tributary:
Snake River
Diverston Pt. NWSW Sec 35 T 18N R 19E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County
T18N R19E S35 SWNW
71-07495

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Salmon River Tributary:
Snake River
Diverston Pt. NWSW Sec 25 T 18N R 19E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County
T18N R19E S25 NWSW
71-07496

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Salmon River Tributary:
Snake River
Diverston Pt. Lot 4 (SESE) Sec 24 T 18N R 19E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County
T18N R19E S24 SESE
71-07497

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707

P.O. Box 25
Boise, ID 83707
Source: Salmon River Tributary:
Snake River
Diverston Pt. Lot 3 (SESE) Sec 13 T 10N R 19E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County
T10N R19E S13 SESE
71-07498

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Warm Springs Creek
Tributary: Salmon River
Diverston Pt. NESE Sec 34 T 11N R 18E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County
T11N R18E S34 NESE
71-07499

State of Idaho
Dept. of Fish and Game
P.O. Box 25
Boise, ID 83707
Source: Warm Springs Creek
Tributary: Salmon River
Diverston Pt. NESE Sec 34 T 11N R 18E in Custer County
Use: Fish propagation (.800 cfs)
Total Diverston: (.800 cfs)
Date Filed: 6/9/1992
In: Custer County
T11N R18E S34 NESE
71-07500

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Southern Region, 222 Shoshone Street East, Twin Falls, ID 83301 on or before August 24, 1992.
R. KEITH HIGGINSON, Director
Pub: Aug. 6 & 13, 1992.

AFFIDAVIT OF PUBLICATION

State of Idaho County of Custer ss

I, Margaret Parks Pub: OK MB 8-24-92
the Challis Messenger, a weekly newspaper published at Challis, Idaho, do solemnly swear that the notice hereto attached and made a part hereof, was published in the regular and consecutive issues of the Challis Messenger for consecutive weeks, commencing with the issue dated Aug 6 1992 and ending with the issue dated Aug 13 1992

STATE OF IDAHO

COUNTY OF CUSTER

On this 20th day of June
the year of 1992 before me, a Notary Public for Idaho

personally appeared Margaret Parks
known or identified to me to be the person named subscribed to the within instrument being by me first duly sworn declared that the statements therein are true and acknowledged that he executed the same

Edith M. ...
Notary Public for Idaho
My commission expires ...

OCT 27 1992

RECEIVED

STATEMENT

OCT 27 1992

Department of Water Resources



Custer Publishing, Inc.

Phone 879-4445

P.O. Box 405

Challis, Idaho 83226

Dept. of Water
232 Shoshone St. East
Twin Falls, Id 83301

Job No.	Date	DESCRIPTION	Amount
544 lines	8-20-92	Notice of Application for water right 8/6/13/92 # 71-07146, 71-07147, 71-07148, 71-07149, 71-07150, 71-07151, 71-07152, 71-07153, 71-07154, 71-07155, 71-07156, 71-07157, 71-07158, 71-07159, 71-07161, 71-07162, 71-07163, 71-07164, 71-07317, 71-07318, 72-07482, 72-07483, 72-07484, 72-07485, 72-07486, 72-07487, 72-07488, 72-07489, 72-07490, 72-07491, 72-07492, 72-07493, 72-07494, 72-07495, 72-07496, 72-07497, 72-07498, 72-07499	\$ 312.80 OK MB 8-24-92

A finance charge of 1½ percent (annual percentage rate of 18%) with a minimum charge of 50¢ will be charged to all accounts not paid within 30 days of billing

PAID

OCT 27 1992

NOTICE OF APPLICATION FOR WATER RIGHT

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

71-07159

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

Source: VALLEY CREEK

Tributary: SALMON RIVER

Diversion Pt: NENW Sec 24 T 11N R 12E in CUSTER County.

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

Date Filed: 6/ 9/1992

In: CUSTER County
T11N R12E S24 NENW

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Southern Region, 222 Shoshone Street East, Twin Falls, ID 83301 on or before AUGUST 24, 1992.

MICROFILMED

R. KEITH HIGGINSON, Director

Published: 8/ 6/1992 & 8/13/1992 OCT 27 1992

Legal OK in
8/6/92 issue of CM.
WJS
8-11-92

CC

CC

S T A T E O F I D A H O
DEPARTMENT OF WATER RESOURCES
Southern Region
222 Shoshone Street East
Twin Falls, ID 83301
(208)736-3033

JULY 6, 1992

CUSTER PUBLISHING COMPANY
PO BOX 405
CHALLIS, ID 83226

Gentlemen:

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

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

Please send the affidavit of publication and publication billing to this office before AUGUST 24, 1992.

Yours truly,

Mary Baldwin
Secretary/Office Coordinator

Enclosure

RECEIVED

OCT 27 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



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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

RECEIVED

OCT 27 1991