

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 94-07237

Priority: April 1, 1983

Maximum Diversion Rate:

0.22 CFS

Maximum Diversion Volume:

18.0 AF

This is to certify, that JOHN A GROOT

STAR RT ENAVILLE

KINGSTON ID 83839

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated April 1, 1983; and has submitted Proof of Beneficial Use on May 27, 1988. An examination indicates that the works have a diversion capacity of 0.250 cfs of water from:

LIGHTNER CREEK

tributary to COEUR D ALENE 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>
IRRIGATION	03/15 to 11/15	0.22 CFS	18.0 AF

LOCATION OF POINT(S) OF DIVERSION:

SWSW , Sec. 5, Township 49N, Range 02E
SHOSHONE County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
49N	02E	5	SWSW 2	SESW 9		11

Total number of acres irrigated: 11

CONDITIONS OF APPROVAL AND 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 that 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. This right when combined with Right 94-07192 and all other rights shall provide no more than .02 cfs per acre nor more than 3.0 afa per acre for the lands above.

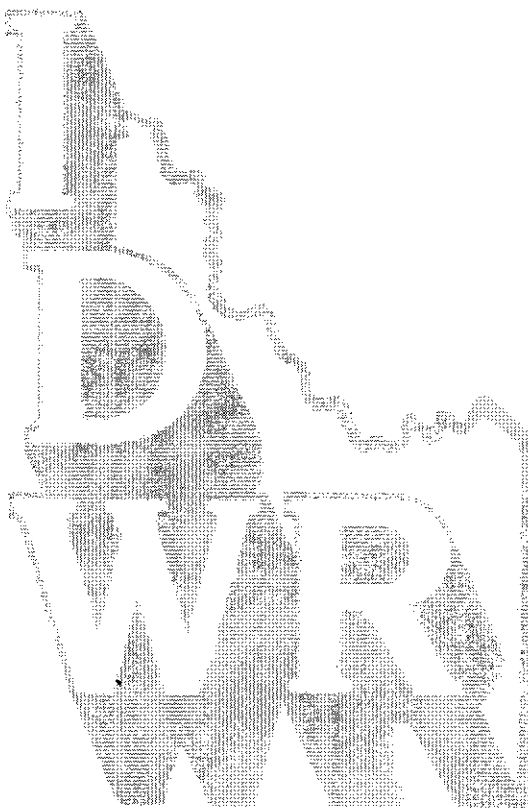
State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 94-07237

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 25th
day of November, 1996.


Acting for KARL J. DREHER, Director



RECEIVED

NOV 21 1996

State of Idaho
Department of Water Resources

Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 94-07237

Date of Priority: April 1, 1983

Maximum Diversion Rate: 0.22 CFS
Maximum Diversion Volume: 18.0 AF

Comes now JOHN A GROOT
STAR RT ENAVILLE
KINGSTON ID 83839

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. 94-07237, and requests that the permit be changed as follows:

Source: LIGHTNER CREEK tributary to COEUR D ALENE RIVER

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/15 to 11/15	0.22 CFS	18.0 AF

LOCATION OF POINT(S) OF DIVERSION: SWSW , Sec. 5, Township 49N, Range 02E
SHOSHONE County

PLACE OF USE: IRRIGATION

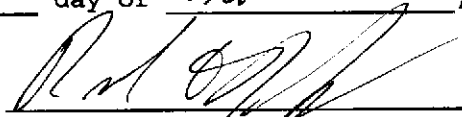
<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
49N	02E	5	SWSW 2	SESW 9		11

Total number of acres irrigated: 11

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 Enaville, this 18 day of Nov, 1996.

REC-1112
NOV 23 1996


(Signature)

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 94-07237

FOR DEPARTMENT USE ONLY

Preliminary check by ket Fee = \$50.00 Received by ket # C037034 Date 11-21-96

ACTION OF THE DEPARTMENT OF WATER RESOURCES

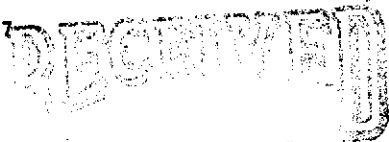
I, Karl J. Dreher, of the Department of Water Resources hereby approve the
above Application for Amendment for Permit No. 94-07237 with the following;

CONDITIONS OF APPROVAL AND 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 that 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. This right when combined with Right 94-07192 and all other rights shall provide no more than .02 cfs per acre nor more than 3.0 afa per acre for the lands above.

Witness my hand this 25th day of November, 1996.

Karl J. Dreher
for KARL J. DREHER, Director



JUN - 2 1988

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

Water Resources

PROOF OF BENEFICIAL USE

For Office Use Only

Fee Received \$50.00

Date 5/27/88

Receipt # N156

Receipt by [Signature]

Reviewed by [Signature]

Sent to region [Signature]

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. 94-7237

Name(s) of Permit Holder: John A. Groot

Post Office Address: Star Route Enaville

Kingston, Idaho 83839

Telephone No. 682-3723

Source of Water: Lightner Creek

Extent of Use:

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

Irrigation 11 (acres) Other/Remark

Total rate and/or volume for which proof is submitted 0.20 cfs acre-feet

Show the date water was first diverted and beneficially used under this permit: April 1984

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

Fee enclosed \$ 50.00
(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:

Applicant

(Name)

(Telephone Number)

(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.



5/27/88

AUG 18 1988

Date

John A. Groot
Signature of Permit Holder (and title, if appropriate)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant John A Groob Phone 682-3723

Post office address Star Rt Kenoville, Kingston, Id. 83839

2. Source of water supply Lightner Creek which is a tributary of Coeur d'Alene R.

→ 3. Location of point of diversion is SW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 5 Township 49N

Range 2E B.M. Shoshone County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.44 for Irrigation 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:

a. 0.44 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Well, pump & pipeline

b. Height of storage dam _____ feet, active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is 36 inches; proposed depth of well is 20 feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years (minimum 1 year — maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____

Range _____ B.M. _____

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

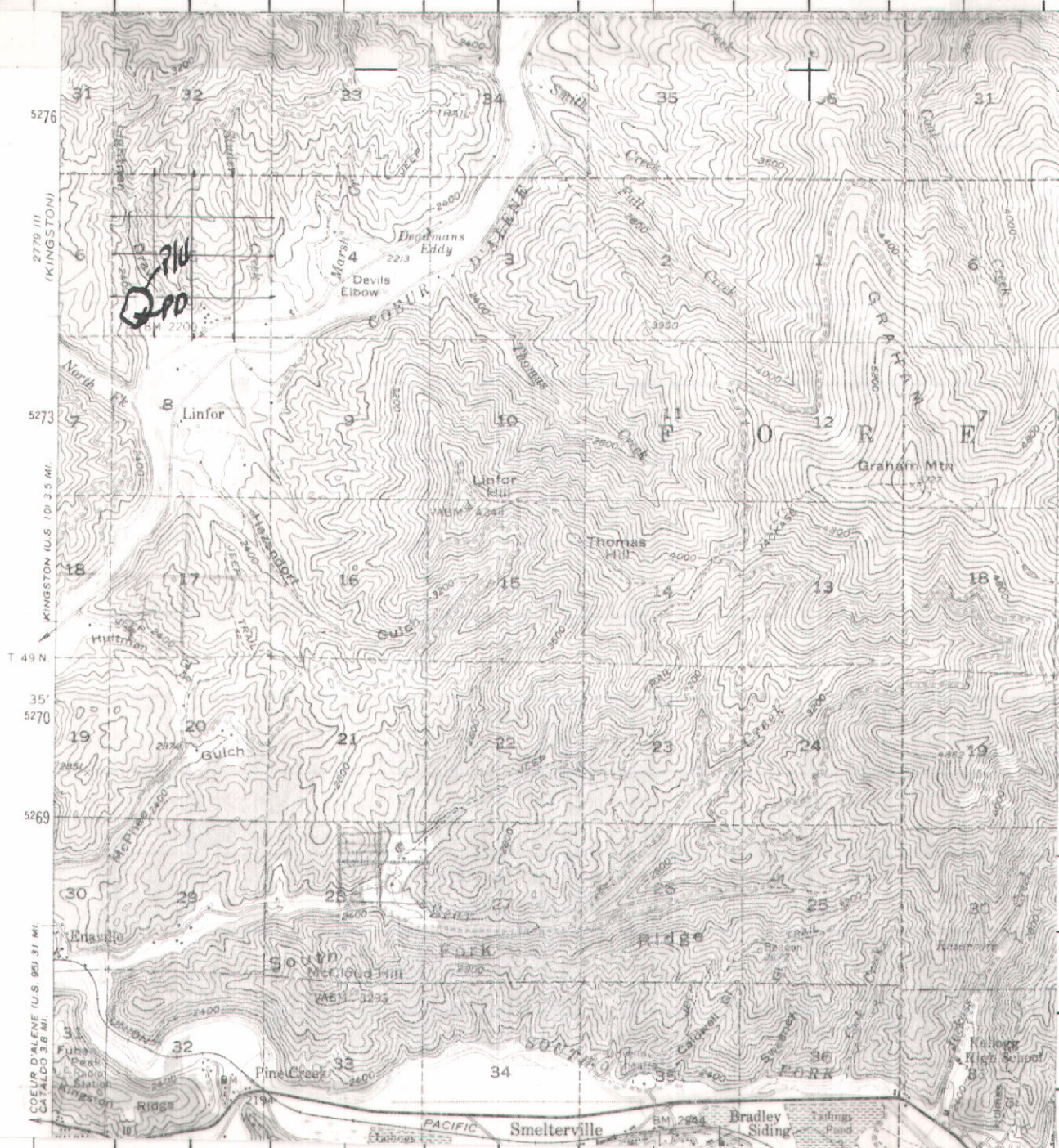
(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served _____, or number of families to be supplied with domestic water _____

(5) If water is to be used for other purposes describe: _____

RECORDED

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



Scale: 2 inches equal 1 mile.

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

John A. Brost
(Applicant)

(Applicant)

MICROFILMED

Proposed Priority 4/1/83
Received by [Signature] Date 4/1/83 Time 12:30 PM
Preliminary check by [Signature] Fee \$ 45.00
Receipted by [Signature] Date 4/1/83 # 27470
Publication prepared by [Signature] Date 4/7/83
Published in Tellus Eve News
Publication dates 4/13-20/83
Publication approved [Signature] Date 5/16/83
Protests filed by: None

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by [Signature] [Signature]

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. 94-7237, and said application is hereby APPROVED.

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 July 1, 19 88.
- 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. Other:
Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.

Witness my hand this 17th day of June, 1983.

[Signature]
Chief, Operations Bureau

LICENSE REVIEW CHECKLIST

PERMIT NO. 94-07237

DATE 6/21/96

REVIEWER: S H A R L A

NAME Change ☒ OK Address Change ☐
send pre license to new owner & ask for assignment
 SOURCE — ☐ Is change clarification of originally
intended source? ☐
If not, prepare Notice of Intent to Void ☐

POINT OF DIV — ☒ Amendment required NO

PLACE OF USE ☒ — Amendment required YES

Does map agree with written description? ☒ yes ☐ no

OVERLAPS — P/D — P/U 94-7192 gw

RATE OF DIV
 Permitted Rate .44 cfs
 Fee limit .20 cfs \$50.00
 Measured N/A cfs
 Theoretical .25 cfs

15-3/4" @ 45 psi = 105 gpm
5-5/32" @ 45 psi = 25 gpm
130 gpm

2" pipe @ 5 fpm = .11 cfs

Recommended Total Div Rate .22 cfs if extra
fee to pd.

ANNUAL VOLUME/
 NATURE OF USES — ☒

Use 01

Volume Calculation
100 gpm X 4 hrs/day = 4 af
X 245 days = 18.0 af
18.0 af

SUBTOTAL 18.0 af

Flow rate .22 cfs X 245 days X 1.9835 = 106.7 af
 Total volume recommended 18.0 af
 (SUBTOTAL or Flow Rate, whichever is less)

REMARKS

CONDITIONS — Watermaster Control WD# N/A
— GW Measurement/Measuring Device

229 Overlap

— Use-specific conditions
 Advancement of Priority Date Required — yes ☒ no

SRBA Claim Filed N/A
 Adjustment Memo —

1st Amend Letter P41, P38
 2nd Amend Letter —

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
FEB 12 1996

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 94-07237

1. Owner: DICK RIFKIND

Phone No. 682-4418

Current Address: 4583-B-OLD RIVER RD ENAVALLE, KINGSTON ID 83839

2. Accompanied by: MR. RIFKIND

EXAM DATE: 9/22/95

Address: _____

Phone No. _____

Relationship to Permit Holder: SAME OWNER

3. Source: LIGHTNER CREEK tributary to COIDA RIVER, NORTH FORK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 94-07192

2. Other water rights with the same point of diversion: NONE - WRDS QUERY

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
			SW	SW	5	49N.	2E	SHOSHONE	U.S.G.S. 7.5" TOPO MAP

2. Place(s) of Use:

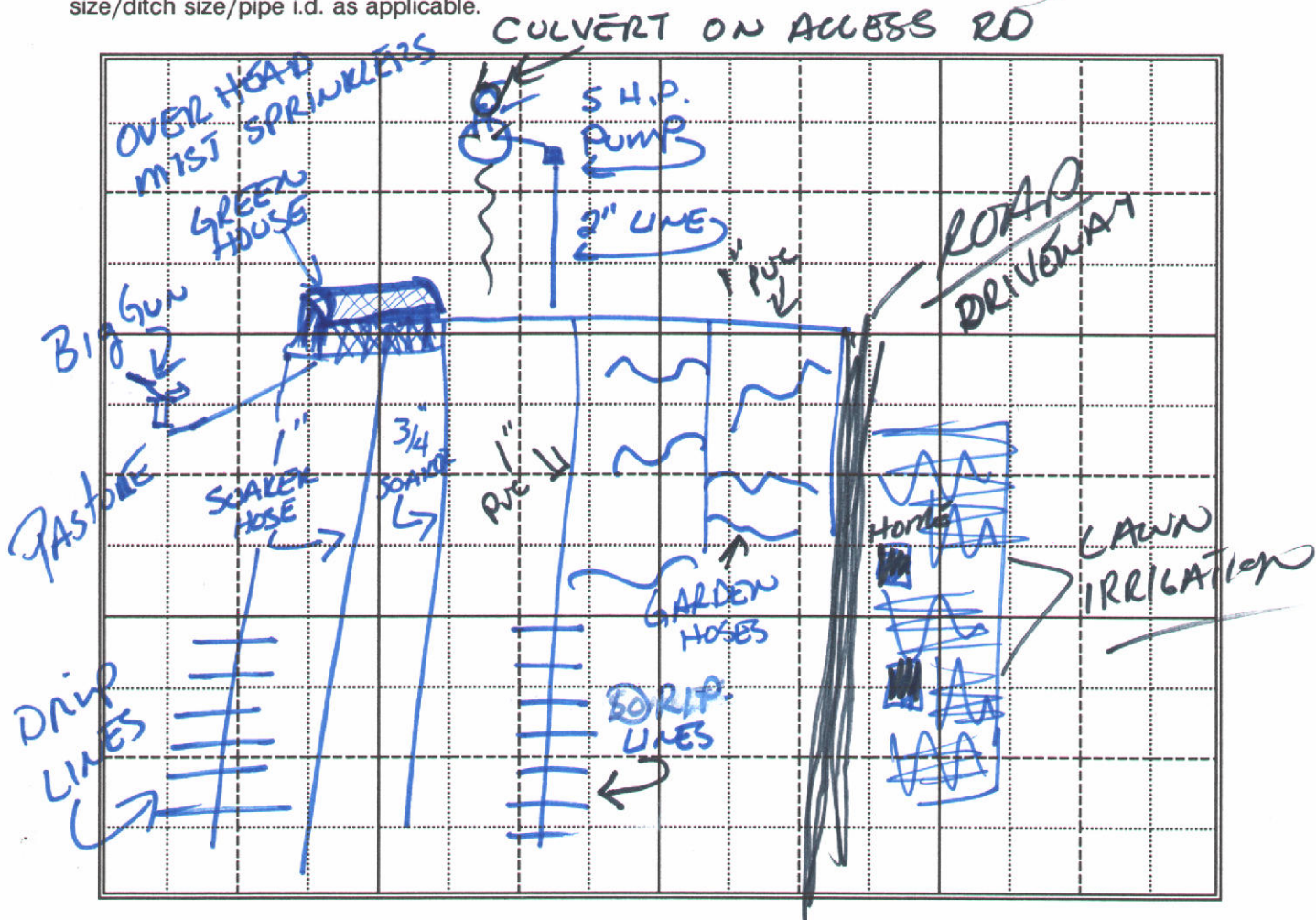
Indicate Method of Determination

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
49N	2E	5											2	9					11
																			11

APPROVED

APR 23 1997

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



Scale: 1" = _____

____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ Aerial Photo Attached (required for irrigation of 10+ acres)

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
2" INTAKE	BRIGGS	5		DOT PUMP DIVISION	2" DISCHARGE

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

D. FLOW MEASUREMENTS

1.

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

2. Measurements: SEE THEORETICAL CALCULATION
SYSTEM NOT OPERATING DURING EXAMINATION.

Monitored

APR 23 1997

E. NARRATIVE/REMARKS/COMMENTS

WATER IS DIVERTED FROM LIGHTNER CREEK BY 5 H.P. PUMP WITH A 2" INTAKE AND 2" DISCHARGE LINE.

IRRIGATION OF THE NURSERY IS DONE BY SOAKER HOSE, (APPROXIMATELY .5 MILES OF $\frac{3}{4}$ " AND .5 MILES OF 1" DRIP HOSE LINES), 20 RAINBIRD SPRINKLERS (15 $\frac{3}{16}$ " AND 5 $\frac{5}{32}$ ") AND 1 BIG GUN SPRINKLER (NELSON BRAND - 3' HEAD w/. 6" NOZZLE.

SYSTEM IS OPERATED 2 HRS. IN MORNING AND 2 HRS IN EVENING. 4 HRS. TOTAL PER DAY.

SOME IRRIGATION OF PASTURE ALSO OCCURS WITH THIS SYSTEM.

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

W. J. H. H. H.
APR 23 1967

F. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

THEORETICAL CALCULATION

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (11) (3.0) = 30$$

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

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

2. Volume Calculations for Other Uses:

$$(.22 \text{ cfs}) (4 \text{ HRS / DAY}) (245)$$

$$\frac{100 \text{ GPM} \times 60 \times 4}{\text{MIN. HRS.}} = 24,000 \text{ GPD} \times \frac{245}{\text{DAYS}} = \frac{5,880,000 \text{ GAL}}{325,850 \text{ GAL/AC}} = 18 \text{ AFA}$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
IRRIGATION	3/15	4/15	0.22	18.0 AFA
Totals:				

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 Al Beardslee Date 9/22/95

Reviewer _____ Date _____

SEAL

THEORETICAL PUMP EFFICIENCY CALCULATIONS

FILE: 9407237
DATE: 30-JAN-96
COMPLETE BY:

HORSEPOWER = 5

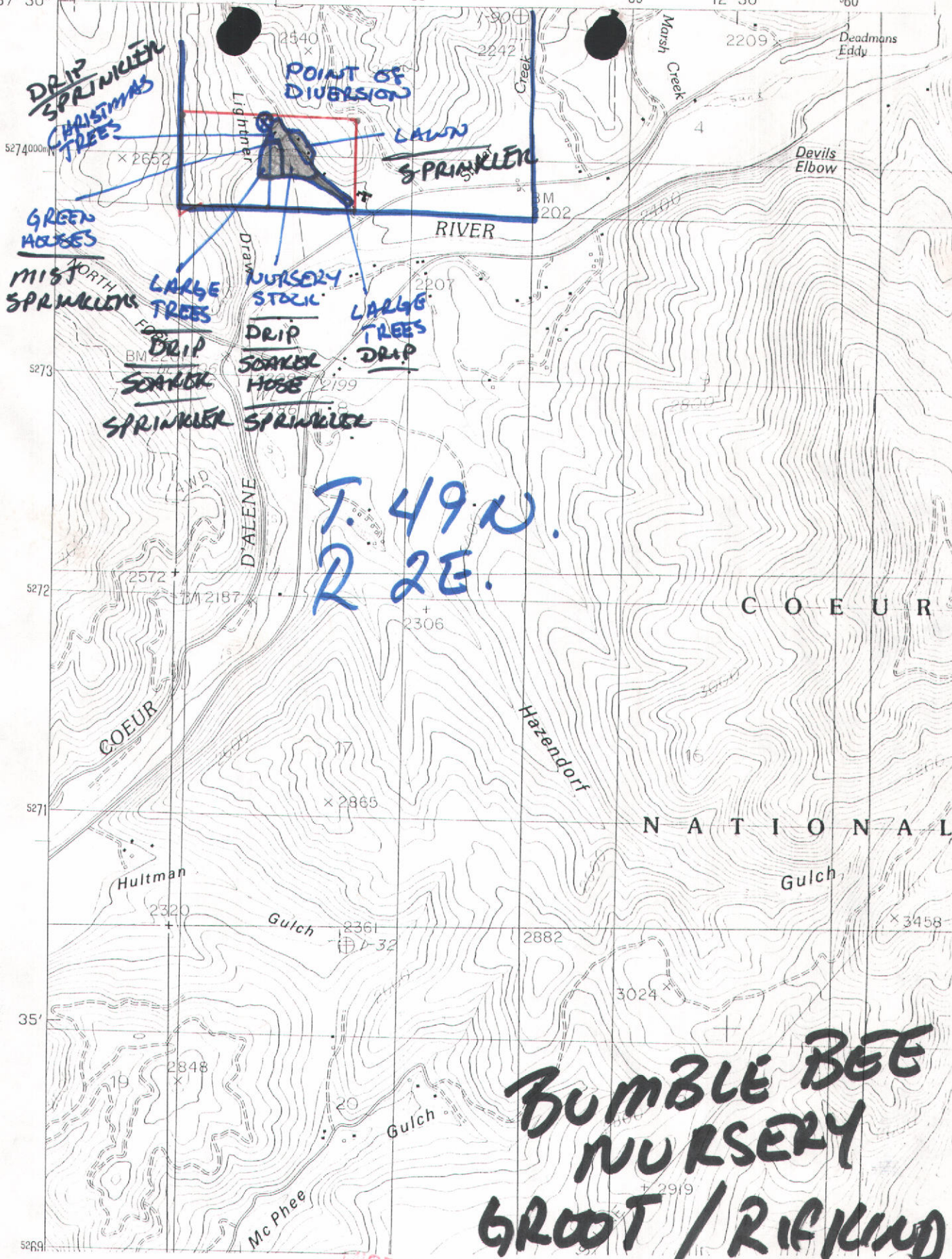
PUMP EFFICIENCY = 70%

DYNAMIC LIFT = 20 FEET

SYSTEM PRESSURE = 45 PSI

QUANTITY = 0.25 CFS

407 237
407 237



Northern District Office
 Name of applicant John A. Groot Phone 682-3723
 Office address Star Rt. Kenaville, Kingston, Ed. 33839 ADD 23 1997
 Source of water supply Lightner Creek which is a tributary of Coeur d'Alene R.
 Location of point of diversion is SW 1/4 of SW 1/4 of Section 5 Township 49 N
2 E B.M. Shoshone County, additional points of diversion if any: _____
 Place of use: T 49 N, R 2 E, Permit # 94-7237
 Sec 5, SW 1/4, Map # 25
 Quad # F-54

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 94-7237

Date: 8-2-1988

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
NA 1. well log in file
Y 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:

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

Remarks: Proof acceptable

NA 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

BUMBLE BEE
GROOT/RICKING

PERMIT # 94-07287

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PHOTOGRAPH



↑
NURSERY
↓



MICROFILMED
APR 23 1997

BUMBLE BEE
GROOT/RICKIND

PERMIT # 94-07237

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PHOTOGRAPHS



PICTURE TAKEN FROM HWY, LOOKING NORTH WEST



MICROFILMED
APR 23 1997

BUMBLE BEE
4 ROOT/RISKIND

PERMIT # 94-07237

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

P H O T O G R A P H S



* SHADE HOUSE WITH OVERHEAD "MIST TYPE" SPRINKLERS.

MICROFILMED
APR 23 1997

BUMBLE BEE
6 ROOT/RIFKIND

PERMIT # 94-07237

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PHOTOGRAPHS



* DRIP IRRIGATION

LARGE
TREES



* DRIP IRRIGATION

DRIP
HOSE

RECORDED
APR 23 1997

BUMBLE BEE
GROOT/RISKIND

PERMIT # 94-07237

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PHOTOGRAPHS



* BIG GUN SPRINKLER w/
0.60 INCH NOZZLE



F DYND

MICROFILMED
APR 23 1997

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: PSA

APPLICATION NUMBER: 94-7237

CHECK:

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Quantity of water and period of use.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.
☒ Yes ☒ No Field check required.
☒ Yes ☒ No Critical groundwater area.
☒ Yes ☒ No Request dam safety information. Sent by: _____ Date: _____
☒ Yes ☒ No* In form to receipt.

Field check by: _____

Date: _____

Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

- ☐ Idaho State Health Department.
☐ Idaho Fish and Game Department.
☐ Idaho Department of Lands.
☐ U.S. Bureau of Land Management.
☐ U.S. Forest Service.
☐ Other _____

Copies sent by: _____ Date: _____

PROCESSING:

- ☐ Yes ☐ No Platted by: _____ Map No. _____
☐ Yes ☐ No Other rights on same place of use. _____
☐ Yes ☐ No* In form for advertising.
☐ Yes ☐ No Final date for protests: 5-2-83 ✓
☐ Yes ☐ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 5/16/83 ✓
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application.
☒ Publication dates and paper, recorded on application.
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.
☒ Yes ☒ No Measuring device required.
☒ Yes ☒ No Access port required.
☒ Yes ☒ No Will water be delivered by watermaster? If yes, what district? _____
☒ 4/11/83 Date of priority recommended.
☒ Special conditions of approval or cover letter. _____

By: PSA

Date: 5/23/83

STATE OFFICE REVIEW:

SLW/L17

26

- ☐ See attached sheet for more information.

By: PSA

Date: 6/15/83

RECEIVED

JUN 14 1983

Department of Water Resources

RECEIVED