

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.

Iris H. Lundgren
(Applicant)

[illegible]

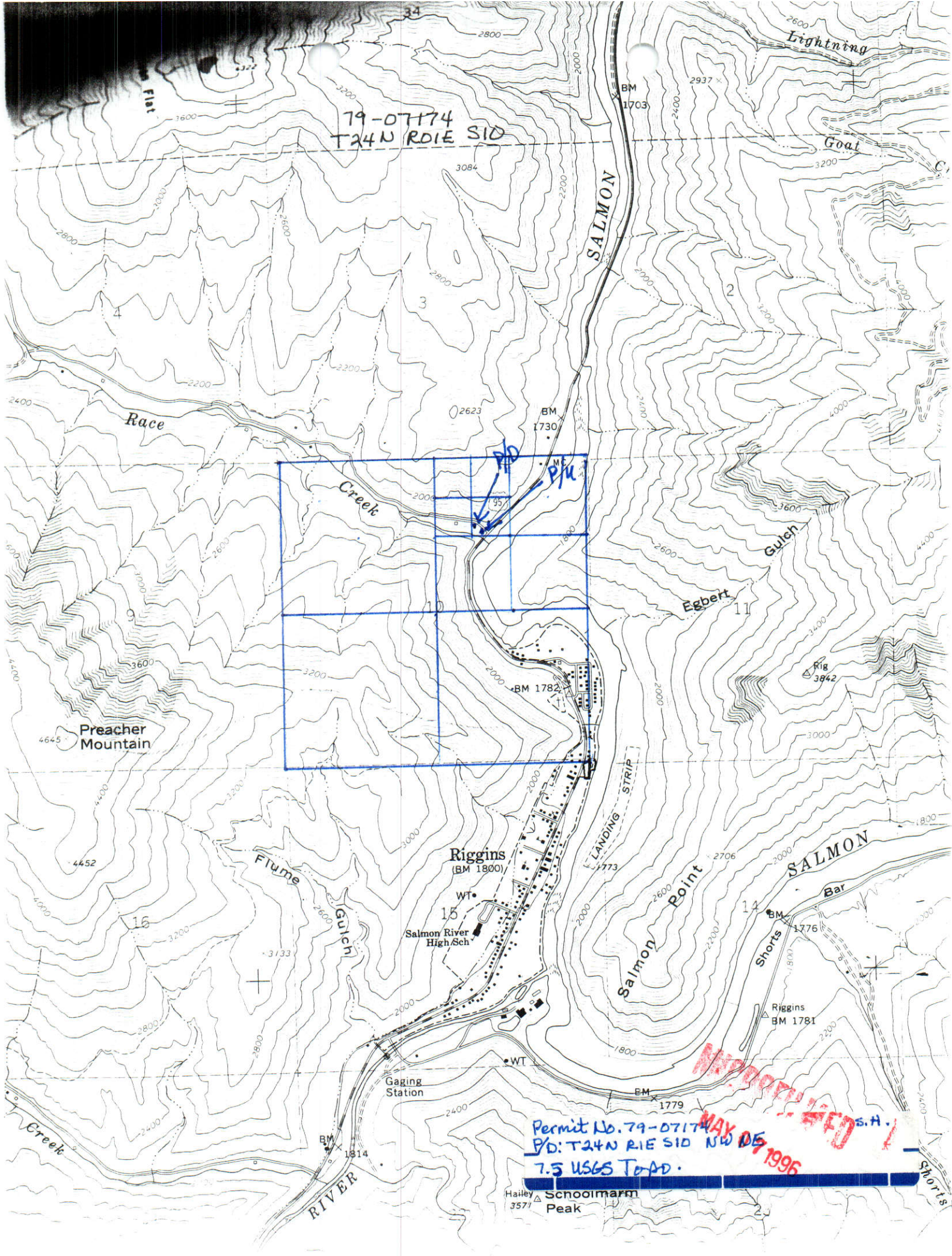
☒ Photo of Diversion and System Attached

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

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

~~MAY 07 1996~~

79-07174
T24N R01E S10



Permit No. 79-07174
PD: T24N R1E S10 NW 1/4
7.5 USGS Topo.

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MAY 1996
S.H.

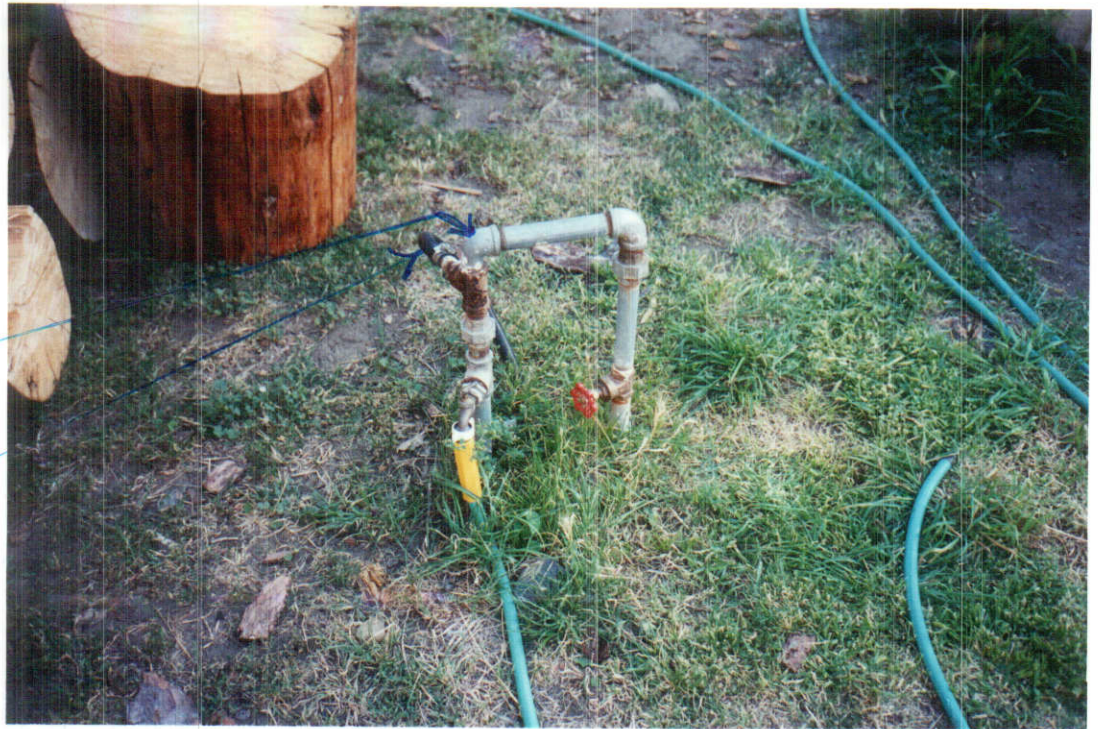
Hailey 3571
Schoolmarm Peak

P/D: Refer to 102 79-07173 for future. 79-07174
8/31/95 S.H



P/u:
stockwater
for 18 horses
(2) 2'x1'6"x6'
cement tanks
under Domestic

4224' of
1 1/4" steel pipe
from spring
to yard, then
converts to
1" ABS



P/u
Domestic
internal/external
(yard/garden)
I ran a
time on the
system @ 28 psi

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 79-07174

Priority: July 5, 1988

Maximum Diversion Rate:

0.04 CFS

Maximum Diversion Volume:

1.2 AF

This is to certify, that IRIS H LUNDGREN
C/O GEORGE KAUFMAN
WEISER ID 23672

has complied with the terms and conditions
of the permit, issued pursuant to Application for Permit dated July 5, 1988; and
has submitted Proof of Beneficial Use on June 7, 1989. An examination indicates
that the works have a diversion capacity of 0.040 cfs of water from:

SPRING

tributary to RACE CREEK

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>
DOMESTIC	01/01 to 12/31	0.04 CFS	1.2 AF

LOCATION OF POINT(S) OF DIVERSION: Lot 2 (SEWNNE), Sec. 10, Township 24N, Range 01E
IDAHO County

PLACE OF USE: DOMESTIC

TWN RGE SEC

24N 01E 10 Lot 2 (NWNE)

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 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. Right 79-07173 is also diverted at the point of diversion described above.
6. The total combined rate of diversion under this right and Right 79-07173 shall not exceed .04 cfs.
7. Domestic use is for 1 home.

MAY 07 1989

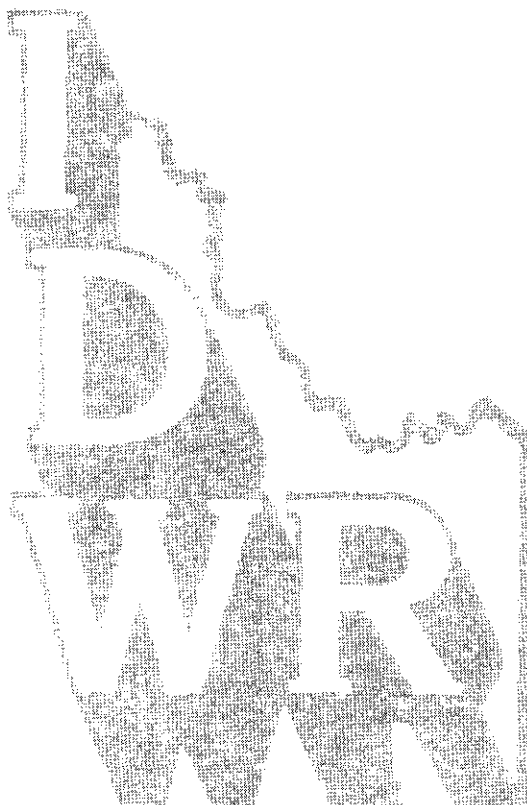
State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 79-07174

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 2ND
day of April, 1996.


Acting for KARL J. DREHER, Director



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MAY 07 1996

State of Idaho
Department of Water Resources

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MAR 27 1996

Department of Water Resources

APPLICATION FOR AMENDMENT

(For Licensing Purposes)

WATER RIGHT NO. 79-07174

Date of Priority: July 5, 1988

Maximum Diversion Rate: 0.04 CFS

Maximum Diversion Volume: 1.2 AF

Comes now IRIS H LUNDGREN
C/O GEORGE KAUFMAN
WEISER ID 83672

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. 79-07174, and requests that the permit be changed as follows:

Source: SPRING tributary to RACE CREEK

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.04 CFS	1.2 AF

LOCATION OF POINT(S) OF DIVERSION: Lot 2 (SEWNNE), Sec. 10, Township 24N, Range 01E
IDAHO County

PLACE OF USE: DOMESTIC
TWN RGE SEC
24N 01E 10 Lot 2 (NWNE)

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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 Race Creek, this 25 day of March, 1996.

James K. Decker
(Signature)
John Law

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 79-07174

FOR DEPARTMENT USE ONLY

Preliminary check by _____ Fee = 50.00 Received by JW # C035165 Date 3-27-96

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. 79-07174 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 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. Right 79-07173 is also diverted at the point of diversion described above.
6. The total combined rate of diversion under this right and Right 79-07173 shall not exceed .04 cfs.
7. Domestic use is for 1 home.

Witness my hand this 2ND day of April, 1996.

Karl J. Dreher
Acting for KARL J. DREHER, Director

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MAY 07 1996

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JUN 09 1989

For Office Use Only
Fee Received N/A
Date _____
Receipt # _____
Receipt by _____
Reviewed by _____
Sent to region 9A
Copy kept at
region 9L

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

Department of Water Resources
Western Regional Office

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. 79-07174

Name(s) of Permit Holder: IRIS H. LUNDGREN

Post Office Address: 449 E RAMONA AVE / SALT LAKE CITY, UT. 84115

Telephone No. 801-486-7919

Source of Water: SPRING Trib of RACE CREEK

Extent of Use:

Domestic ONE (number of households) Stockwater 6 beef (number and type of stock)

Irrigation _____ (acres) Other/Remarks Seyfried Barnyard and garden
5' X 5' Round cement cistern located approx. 1/2 mile west of US 95 serving the Seyfried
home and garden and four other families & neighbors.

Total rate and/or volume for which proof is submitted .04 cfs _____ acre-feet

Show the date water was first diverted and beneficially used under this permit: 1981

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

Fee enclosed \$ EXEMPTED
(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:

Edward L. Seyfried, Jr.
(Name)

(Telephone Number)

P.O. Box 1278 Riggins, ID 83549
(Address)

MICROFILMED

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.

JUL 18 1989

June 4, 1989
Date

Iris H. Lundgren
Signature of Permit Holder (and title, if appropriate)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant TRIS H. LUNDGREN Phone 801-486-7919

Post office address 449 E. RAMONA AVE. SALT LAKE CITY, UT 84115

2. Source of water supply SPRINGS which is a tributary of RACE CREEK

3. Location of point of diversion is SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of NW $\frac{1}{4}$, Govt. Lot _____

Sec. 10 Township 24N Range 1E B.M. IDAHO County; additional

points of diversion if any: 3 P/O IN SAME $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ SECTION.

4. Water will be used for the following purposes:

Amount .04 for DOMESTIC purposes from 1/1 to 12/31 (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) .04 and/or (b) _____
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. COLLECTION BOX & PIPELINE

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

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

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

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

DEC 16 1988

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

- Hydropower; show total feet of head and proposed capacity in KW. _____
- Stockwatering; list number and kind of livestock. _____
- Municipal; show name of municipality. _____
- Domestic; show number of households. 1
- Other; describe fully. _____

9. Description of place of use:

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

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
24N	1E	10		D															

Total number of acres to be irrigated _____

10. Describe any other water rights used for the same purposes as described above. SAME P/D USED

FOR RIGHTS 79-4126 & 79-4121

11. a. Who owns the property at the point of diversion? APPLICANT

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

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. _____

12. Remarks: TRAILER PUT IN IN 1981.

FILMED

DEC 16 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.

Iris H. Lundgren
(Applicant)

Proposed Priority 7/5/88

Received by Amo Date 7/5/88 Time 12:45 P.m. Preliminary check by JL

Fee \$ 30.00 Received by Amo # W000430 Date 7/5/1988

Publication prepared by GG Date 7-13-88 Published in Idaho County Free Press
7/20 & 7/27/88

Publication approved hs Date 8/5/88

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. 79-7174, 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
September 1, 19 89.

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:

Witness my hand this 30th day of August, 1988.

R. Keith Higgins
Director

MICROFILMED

DEC 16 1988



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

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

April 2, 1996

DARWIN VANDER ESCH
JOHN LAW
PO BOX 1403
RIGGINS ID 83549

RE: WATER RIGHT NO. 79-07174

Dear Water Right Holder(s):

Enclosed 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 contact me.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

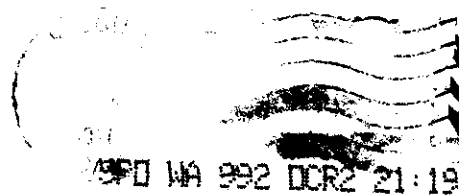
Enclosure

REC-1000

MAY 07 1996

Darwin Vander Esch
P.O., Box 1463
Riggins, Id 83549

BDIA3708 03-26-96 1550



MAY 02 1996

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State of Idaho
1301 N Orchard St.
Statehouse Mail, Boise, Id. 83720-9000
Attn: Shelley Keen

MEMORANDUM

DATE: March 7, 1996

TO: File 79-07174

FROM: Shelley W. Keen

RE: Phone call to Mrs. George Kaufman

=====

Because I received no response to my requests for licensing amendments, I called Mrs. George Kaufman at 455-9357 to determine if she had received my mail. She told me that she had forwarded the mail from IDWR to her daughter, Judy Cook, had been living at the house in Riggins. She also told me that her daughter recently sold the house in Riggins. Mrs. Kaufman said she would call her daughter and ask her to respond to my letter or to forward it to the new property owner.

RECEIVED
MAY 07 1996



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

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

February 13, 1996

9-5 HAAE R3
IRIS H LUNDGREN
C/O GEORGE KAUFMAN
WEISER ID 83672

RE: WATER RIGHT NO. 79-07174

Dear Water Right Holder(s):

I previously forwarded to you an Application for Amendment so that you could amend your permit to depict your water right as it has been actually developed.

As of this date, I have not received the amendment. If I do not receive it within fourteen (14) days, I will assume you no longer have any interest in the permit and cancellation proceedings will begin. Enclosed for your convenience is another amendment form in the event the first one was misplaced. Please note that the filing fee for this amendment is \$50.00.

If you have any questions, please call me at (208) 327-7946

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

MAY 07 1996



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

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

January 18, 1996

IRIS H LUNDGREN
C/O GEORGE KAUFMAN
WEISER ID 83672

RE: WATER RIGHT NO. 79-07174

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 depict your water right as it has actually been developed.

The enclosed Application for Amendment contains information that will be included on the license when it is issued. The amendment reflects a change in the location of the point(s) of diversion. Please review carefully and if you concur, sign the amendment and return with the \$50.00 filing fee within 14 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 if you have any questions about this information, please contact me as soon as possible. My telephone number is (208) 327-7946.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

RECEIVED

MAY 07 1996

MEMORANDUM

TO: File 79-07174
FROM: Brenda Chapman
DATE: January 12, 1996
RE: Ownership Information

=====

The original owner of this permit, Iris Lundgren, is deceased. A representative from the Idaho County Assessor's Office confirmed the owner of the property this right is appurtenant to is George Kaufman.

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LICENSE REVIEW CHECKLIST

PERMIT NO. 79-07174 DATE 1-12-96



NAME	☒	Change OK	Or Address Change? <u>No assignment enclosed in exam.</u>
OWNER DECEASED	☒		
PRIORITY DATE	☒		Advance? ☐ Advanced to: ☐ Order to reinstate needed? ☐ Incorrect fee for rate recommended? ☐
SOURCE	☒		Changes or just clarification of originally intended source? <u>ONE SPRING ONLY</u> Notice of Intent to Void necessary? ☒
POINT OF DIV	☒		Amendment needed? <u>GOV Lot 2 SENEWNE 1/4 1/4</u> Overlaps? <u>79-07173 for .01 CFS</u>
PLACE OF USE	☒		Amendment needed? ☐ Overlaps? <u>But different use.</u>
DIV RATE	☒		Permit/fee limits: <u>.04</u> Meas Q = <u>.04</u> Theo Q = <u> </u> Recommend: <u>.04</u> <u>Standard Domestic</u> Combined rates exceed capacity ☐
			<u>14" Pipeflow Capacity</u>
ANNUAL VOLUME	☒		Volume Limit: <u> </u> Season: <u>1-1 to 12-31</u> Calculations: <u>Standard Domestic @ 1.2</u> Flow limit: <u> </u> cfs x <u> </u> x 1.9835 = <u> </u> Combined volumes exceed capacity/allowable ☐
USES	☒		Change in Nature of Use or additional uses? ☐ Amendment necessary? ☐
ADDITIONAL INFO			Supplemental Groundwater ☐ PPU Scenario ☐ Irr/Dom Combination ☐ Shared G/W System ☐
NEW REMARKS	☒		Multiple p/d(s) in 1/4 1/4? <u>YES</u> Other <u>W36 (79-7173), W26 (.04), W01 (1)</u>
NEW CONDITIONS	☒		Watermaster control - District ☐ Measuring/Locking Devices ☐ Irrigation Overlap ☐ Other ☐ Water Quality ☐ Heat/Cool/Fish verified ☐
COMMENTS:			<u>Amend P/D</u>

RECOMMENDATION	CFS	VOLUME	SRBA Claim Filed	NO
<u>Domestic</u>	<u>.04</u>	<u>1.2</u>	Adjustment Memo Needed	<u>NO</u>
			LICENSE	
			1ST AMEND LETTER	<u>P39 + P38</u>
			2ND AMEND LETTER	<u>P47</u>

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

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DEC 21 1995

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 79-07174

1. Owner: Iris H. Lundgren Phone No. (208) 549-3961
Current Address: % George Kaufman 995 Hass Rd. Weiser, Id 83672
⁴⁵⁵⁻⁹³⁵⁷

2. Accompanied by: Judy Cook EXAM DATE: _____

Address: % George Kaufman 995 Hass Rd. Weiser, Id. 83672 Phone No. 8/31/95

Relationship to Permit Holder: daughter, + occupant of current owner

3. Source: Spring tributary to Race Creek

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 79-07174
79-04126, -79-04127, 79-07100

2. Other water rights with the same point of diversion: none

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
	2	SE	NW	NE	10	24N	1E	Idaho	USGS Topo., + exam.

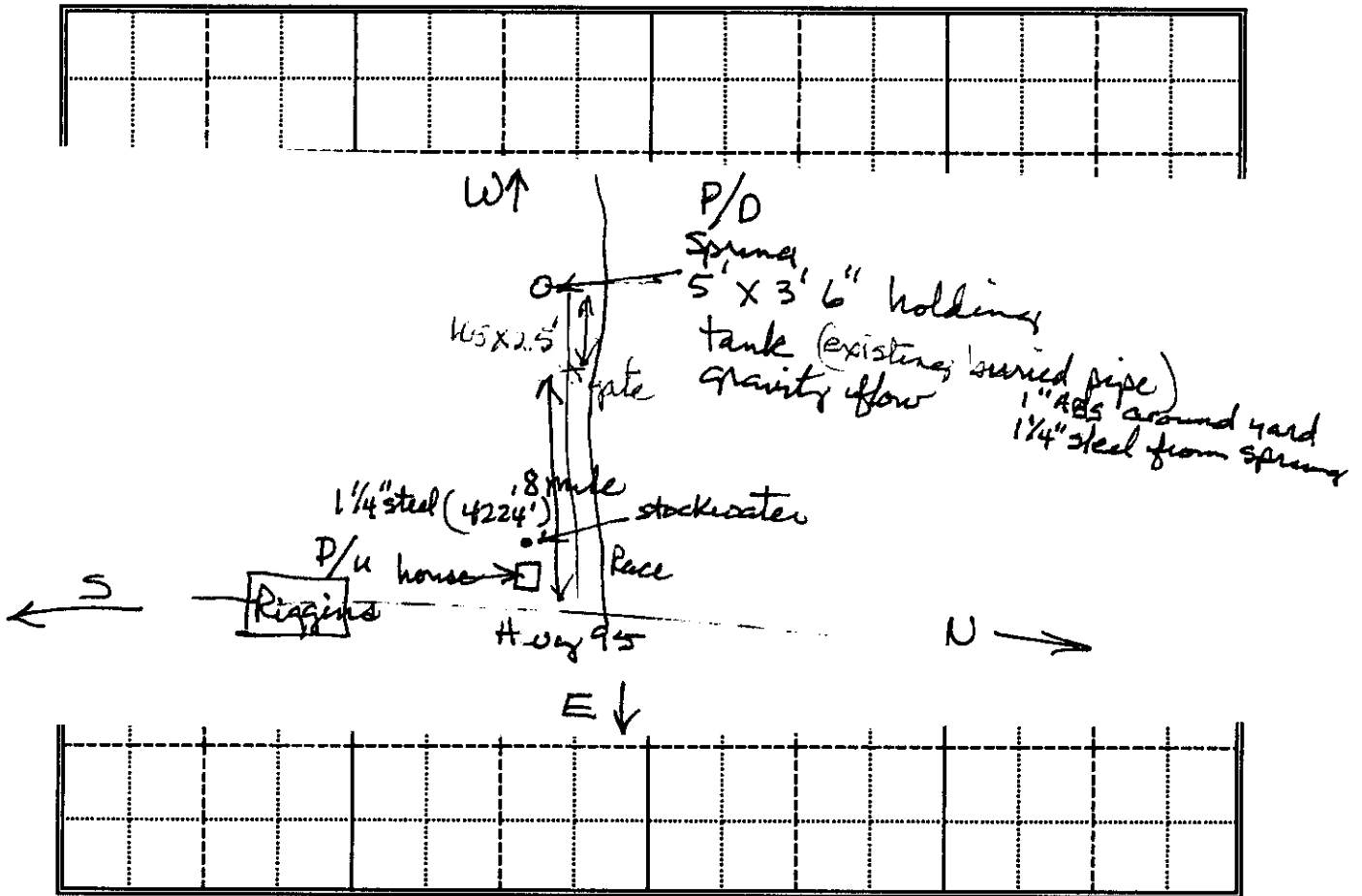
2. Place(s) of Use:

Indicate Method of Determination USGS Topo. + exam

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
24N	1E	10		D/I															

MAY 07 1996

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 Quadrange 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

*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: _____

MAY 07 1996

E. NARRATIVE/REMARKS/COMMENTS

- Iris Lundgren AKA: Iris Seyfried; Edward is deceased.
- Current owner: George Kaufman 995 Hess Rd Weiser, Id 83672 (208) 549-3961 (gave copy of assignment papers to occupant/daughter: Judy Cook).
- WR 79-07174 & 79-07173 should have a capacity limit of .04 cfs total, (79-07143 stockwater @ .01 cfs) due to 1 1/4" pipe capacity. .04 cfs ^{closed system}
- Other WR: 79-07173 spring/stockwater/permit (already examined) same P/D & P/U; 79-04126 springs/domestic .24 cfs (shared w/ Hamell, Swift, Smith, & Spickelmire)/statutory - same P/D & P/U per Judy Cook; 79-04127 different P/D & P/U; A 79-04126B springs/domestic D/2/statutory - same P/D & P/U per Judy Cook, A 79-04128 different source & P/U.
- The system consists of a spring w/a 5' x 3'6" cement holding tank, shared by 4 other homes; a 1 1/4" steel buried line of 4224' from P/D to (2) 2' x 1'6" x 16' stock tanks, ^{gains flow} then down to a shut off valve @ the house w/a "T" of 1" ABS buried around the yard for domestic external use w/ 1 rainbird nozzle on the system @ 1 time @ 28psi.
- Use is Domestic D/1 internal/external (yard & garden. Other uses: Stockwater for 18 horses (also .01 cfs of stockwater covered on WR 79-07173).

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

MAY 07 1995

Recommend amending P/D to read:

T24N R1E S10 SE NWNE, per USGS Topo. & exam.

F. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method:

Pipeflow Capacity of 1 1/4" pipe (see attachment) = .04 cfs
 Domestic external, which "T's" off from 1 1/4" to 1" ABS,
 w/ U of I nozzle Discharge (see attachment) = .01 cfs,
 internal not able to get a physical measurement.
 Allow Domestic D/I internal/external (yard + garden)

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

= .04 cfs

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

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

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

2. Volume Calculations for Other Uses:

Allow 1.2 Afa Domestic D/I internal/external
 (yard + garden).

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic	1/1	12/31	.04	1.2
Totals:			.04	1.2

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 Ernest Hernandez Date 12/19/95

Reviewer _____ Date _____

SEAL

MAY 07 1996

① Permit: Domestic 1/1-12/31 .04 cfs 79-07174

② B/u fee: ~~pd~~ 6/4/89 0-0.04 cfs

③ Max. Allowable:

Domestic D/1 .04 cfs 1.2 Afa
for internal/external use

④ Measurement:

Pipeflow Computation Spreadsheet
(see attachment) = .01 cfs

* not a good estimate of the spring, only a theoretical
since the holding tank is on top of the spring.

Domestic/Irrigation U of I Nozzle Discharge (1) 1/8 nozzle @ 28. psi

$$Q = 30 \times D(\text{in})^2 \times p(\text{psi})^{.5}$$
$$30 \times \left(\frac{1}{8}\right)^2 \times (28)^{.5}$$

$$30 \times .015625 \times 5.29 = 2.48 = \frac{2.5 \text{ gpm}}{448.8} = .005$$

$$= \frac{.01}{\text{cfs}}$$

Pipe flow Capacity $Q = 5\pi R^2$ 1 1/4" pipe = .04 cfs

* a better estimate since

both internal + external use

* different pipe to house (1 1/4") +

there "T's" off to 1" for the yard.

MAY 07 1996

Pipeflow Computation Spreadsheet (DRT 12/31/1992)

Data Entered By: Sandy Hemenway
12/19/95

Project: Flow Computation for Permit No.79-07173, 79-07174

Given: See Data Table

Compute head losses with the Williams and Hazen Formula:

$$f = 0.2083 * (100 / \text{roughness})^{1.85} * ((\text{cfs} * 448.8)^{1.852} / \text{ID}^4.8655 * \text{Length} / 100)$$

To Find: Compute Rate of Flow

Data Table

Total Head: 80.00 feet

Pressure Req'd: 1.00 psi

Available Head: 77.69 feet

Pipe Roughness: 130.00 Note: pvc = 150, smooth and straight pipe = 140
aluminum - joint length 20' = 125, joint length
30' = 130, joint length 40' = 132, joint length
50' = 134, new riveted steel = 100
old riveted steel = 100, old cast iron = 95,
old pipes in poor condition = 60 to 80

Inside Diameter in Inches	Equivalent Length in Feet	Unit Head Loss	Total Head Loss from Pipe Friction
1.00	4224.00	77.88	
13.50	0.00	0.00	
11.50	0.00	0.00	
9.50	0.00	0.00	77.88

Rate of Flow: 0.009 cfs = .01 cfs

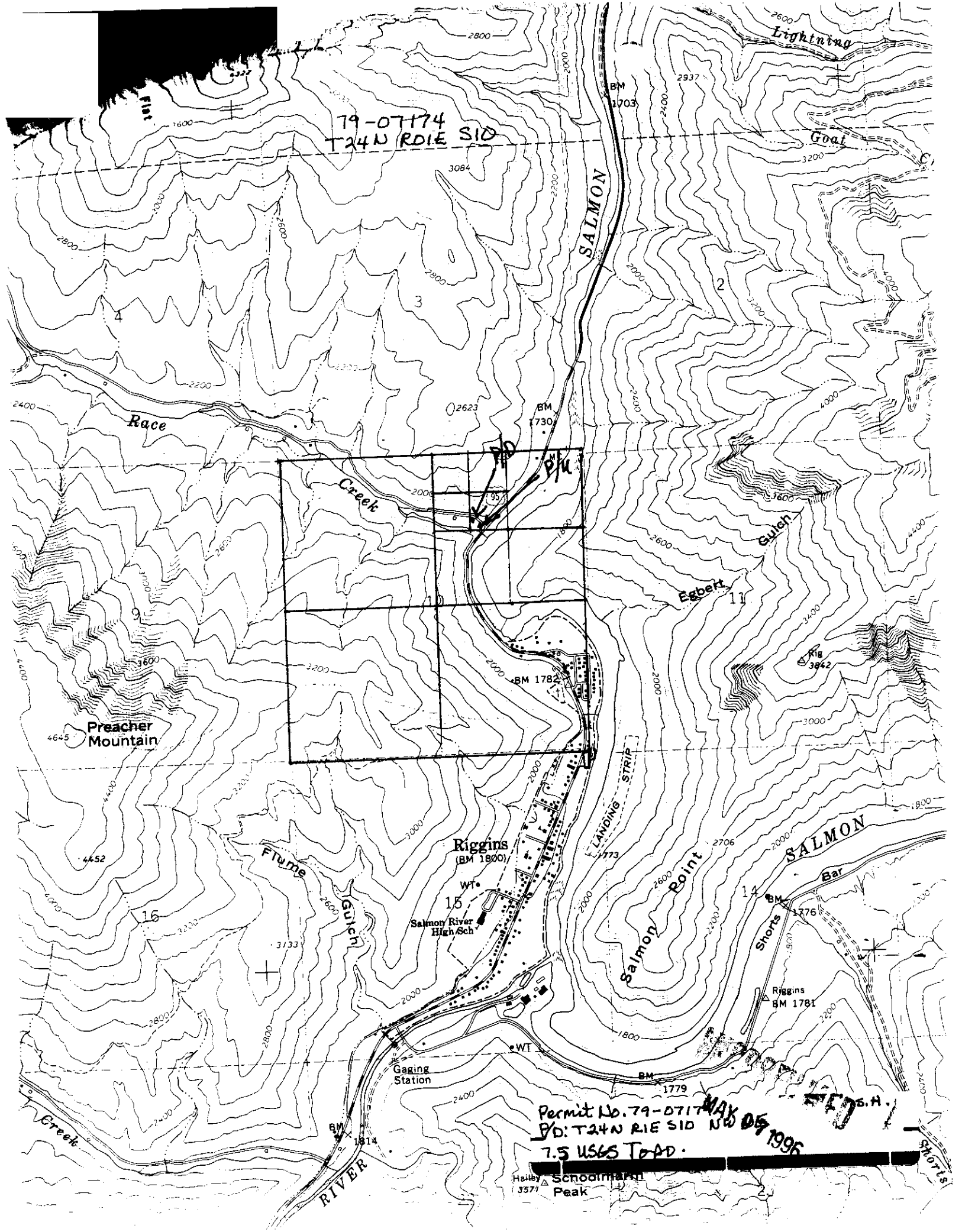
*not a good estimate of the
spring itself, since the
holding tank is on top of the
spring, + other users diverting off
holding tank*

Pipeflow Computation Spreadsheet (DRT 12/31/1992)
Data Entered By: Sandy Hemenway
12/19/95
Project: Flow Computation for Permit No.79-07173, 79-07174

Given: See Data Table

Compute head losses with the Williams and Hazen Formula:

MAY 8 1995

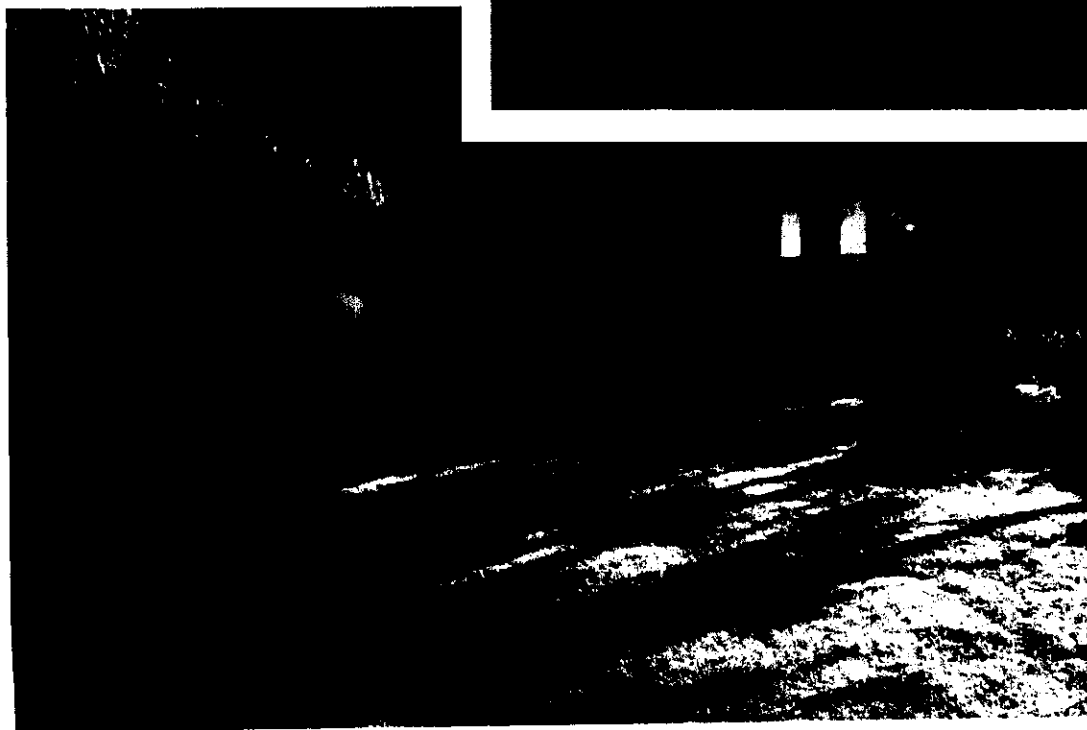
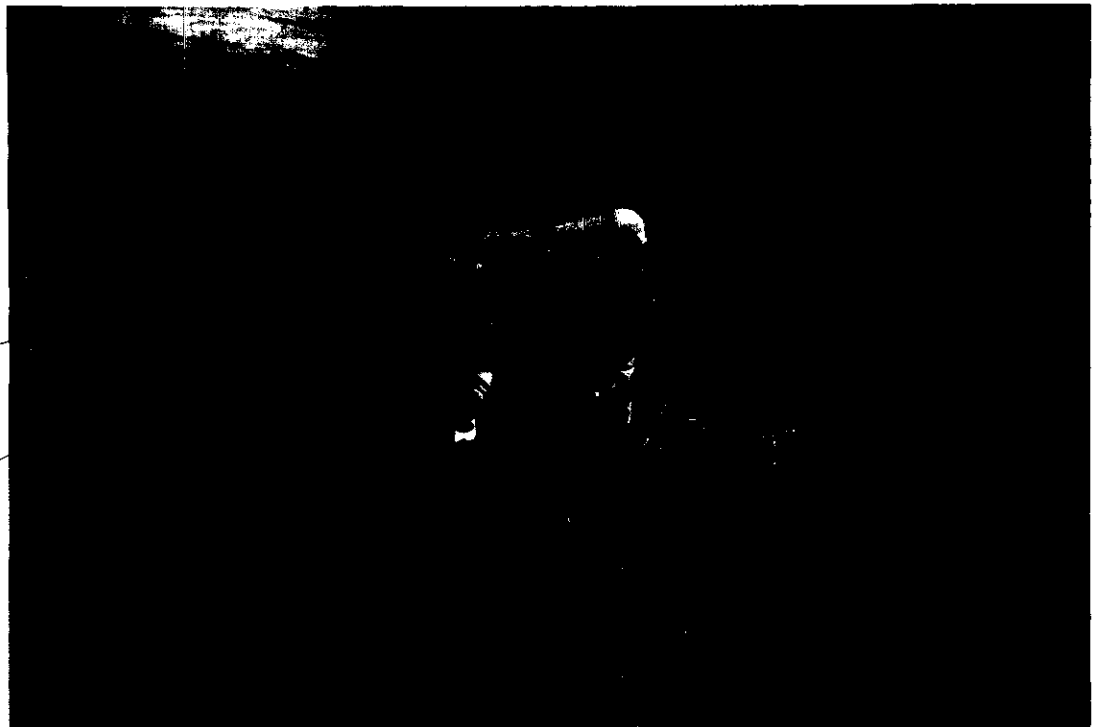


P/D: Refer to 1-2 79-07173 for future. 79-07174
8/31/95 S.H



P/u:
stockwater
for 18 horses
(2) 2'x1'6"x6'
cement tanks
under Domestic

4224' of
1 1/4" steel pipe
from spring
to yard, then
converts to
1" ABS



P/u
Domestic
internal/external
(yard/garden)
1 rainbird a
time on the
system @ 28 psi

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
August 31, 1988

IRIS H. LUNDGREN
449 E. RAMONA AVE.
SALT LAKE CITY, UT 84115

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

RE: PERMIT NO. 79-07174

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.

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. Also enclosed for your convenience is a form entitled "Proof of Beneficial Use" that must be submitted to the Department when your project is completed.

Sincerely,

Gary Spackman
Supervisor, Water Allocation Section

GS: SC
Enclosures

MICROFILMED

DEC 16 1988

NOTICE OF APPLICATION FOR
WATER RIGHT

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

78-07298

CARROLL, EUGENE G.; CARROLL,
RUTH E.; 313 SUNRISE DR.
PAYETTE, ID 83661

Source: ELK CREEK; Tributary: LITTLE
SALMON RIVER

Diversion Pt: SWNW, Sec 26 T 22N R
01E

Use: IRRIGATION (.080 CFS);
DOMESTIC (.040 CFS)

Date Filed: 7/07/1988

In: T22N R01E S26 SWNW; 2.8 ACRES
TOTAL

79-07170

LOVE, KATHERINE M.; LOVE,
ARCHIE; HC01, BOX 848; WHITE
BIRD, ID 83554

Source: SALMON RIVER; Tributary:
SNAKE RIVER

Diversion Pt: NENESE Sec 23 T 27N R
01E

Use: IRRIGATION (.050 CFS)

Date Filed: 6/23/1988

In: T27N R01E S23 NESE; 1.5 ACRES
TOTAL

79-07171

FERGUSON, DALE; FERGUSON,
JUNE; HC01 BOX 56; WHITE BIRD, ID
83554

Source: SLATE CREEK; Tributary:
SALMON RIVER

Diversion Pt: NENWSE Sec 32 T 27N R
02E

Use: IRRIGATION (.20 CFS);
STOCKWATER (.020 CFS)

Date Filed: 6/20/1988

In: T27N R02E S32 NWSE; 0.5 ACRES
TOTAL

79-07172

CUTHBERT, LESTER J.; BOX 51
SLATE CREEK; WHITE BIRD, ID 83554

Source: SLATE CREEK; Tributary:
SALMON RIVER

Diversion Pt: NWNE Sec 36 T 27N R
01E

Use: IRRIGATION (.100 CFS)

Date Filed: 6/23/1988

In: T27N R01E S36 NWNE NENW; 4.0
ACRES TOTAL

79-07173

LUNDGREN, IRIS H.

449 E. RAMONA AVE.

SALT LAKE CITY, UT 84115

Source: SPRING; Tributary: RACE
CREEK

Diversion Pt: SENWNE Sec 10 T 24N R
01E

Use: STOCKWATER (.010 CFS)

Date Filed: 7/05/1988

In: T24N R01E S10 NWNE; 5.0 ACRES
TOTAL

79-07174

LUNDGREN, IRIS H.

449 E. RAMONA AVE.

SALT LAKE CITY, UT 84115

Source: SPRINGS; Tributary: RACE
CREEK

Diversion Pt: SWNENW Sec 10 T 24N R
01E

Use: DOMESTIC (.040 CFS)

Date Filed: 7/05/1988

In: T24N R01E S10 NWNE

The permit(s) will be subject to all prior
water rights. Protests must be filed with
the Director, Dept. of Water Resources,
Western Region, 2735 Airport Way,
Boise, Idaho 83705 on or before
AUGUST 8, 1988.

R. KEITH HIGGINSON, Director

Published 7/20/1988 & 7/27/1988

Jy20-27

RECEIVED
AUG 1 1988

Department of Water Resources
Western Regional Office

AFFIDAVIT OF PUBLICATION

Charlotte Sotin

being first duly

sworn, says he is the Bookkeeper
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 July, 1988,
and the last publication on the 27th day of
July, 1988; 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 July, 1988.

[Signature]

Notary Public

for State of Idaho, residing at Grangeville, Idaho.

MICROFILMED

DEC 16 1988

79-07174

LUNDGREN, IRIS H.
449 E. RAMONA AVE.
SALT LAKE CITY, UT 84115

Source: SPRINGS

Tributary: RACE CREEK

Diversion Pt: SWNENW Sec 10 T 24N R 01E

Use: DOMESTIC (.040 CFS)

Date Filed: 7/05/1988

In: T24N R01E S10 NWNE .

MICROFILMED

DEC 16 1988