

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 95-7578

Priority: January 28, 1976 Amount: .06 CFS 31.0 AFA

This is to certify, that WARREN SMITH
RT. 3 BOX 36

HAYDEN LAKE, ID 83835 has complied with the terms and conditions of the permit issued pursuant to Application for Permit dated January 28, 1976, and has submitted proof to the Department of Water Resources on January 6, 1981, that water has been applied to a beneficial use; an examination by the Department indicates that the works have a diversion capacity of .06 cfs of water from;

LANCASTER CREEK tributary to HAYDEN CREEK

and that a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>VOLUME</u>
Irrigation	03/15 to 11/15	.06 cfs	29.2 afa
Irrigation storage	01/01 to 12/31		1.8 afa
Irrigation from storage	03/15 to 11/15		1.8 afa
Diversion to storage	01/01 to 12/31	.06 cfs	
Totals		.06 CFS	31.0 AFA

LOCATION OF POINT OF DIVERSION(S): NWSE , Sec. 22, Township 52N, Range 3W
Kootenai County

PLACE OF USE: Irrigation

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
52N	3W	22	SWNE 2	SENE 10	NESW 28	NWSE 20	60
Total number of acres irrigated:							60

PLACE OF USE: Irrigation storage, same as Irrigation use

PLACE OF USE: Irrigation from storage, same as Irrigation use

PLACE OF USE: Diversion to storage, same as Irrigation use

CONDITIONS/REMARKS:

1. The right to the use of the water hereby confirmed is limited to the amount which can actually be beneficially used and is restricted and appurtenant to the lands or place of use and to the purpose herein described, as provided by the laws of Idaho.
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.

MICROFILMED

JUL 27 1988

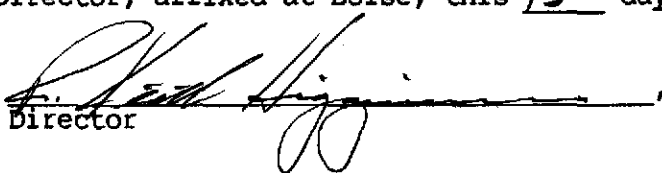
State of Idaho
Department of Water Resources

PAGE 2

WATER RIGHT LICENSE

WATER RIGHT NO. 95-7578

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 April, 1908.


Director

Identification No. 95-7578

Application No. _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

APPROVED

To Appropriate the Public Waters of the State of Idaho
(TYPE OR PRINT IN INK)

1. Name of applicant Warren Smith Phone: 772-3704
post office address Route 3, Box 36, Hayden Lake, Idaho
2. Source of water supply Lancaster Creek which is a tributary of Hayden Creek
3. a. Location of point of diversion is NW $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 22 Township 52N
Range 3W B.M. Kootenai County; additional points of diversion if any: _____

b. If water is not consumed, it will be discharged into _____ at a point in _____ $\frac{1}{4}$
of _____ $\frac{1}{4}$ of Section _____ Township _____ Range _____ B.M. _____
4. Water will be used for the following purposes:
Amount 0.30 for Irrigation purpose from March 15 to Nov. 15 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a. 0.30 cubic feet per second and/or
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. Water will be diverted from the Creek
by a 4" pipeline, gravity flow into a storage pond. Water will be pumped from
the pond by a 7 $\frac{1}{2}$ h.p. pump and motor for irrigation.

b. Height of storage dam _____ feet, active reservoir capacity _____ acre feet; total reservoir
capacity _____ acre feet, materials used in storage dam: _____
Period of year during which storage will occur _____ to _____ inclusive.
(Mo. Day) (Mo. Day)
c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use
is 5 years.
b. Estimated construction cost is \$ _____.
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: _____ hp 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: _____

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

[illegible]

Total number of acres to be irrigated 60

c. Describe any other water rights used for the same purposes as described above. Permit No. 95-7500 covers this same ground from 2 Springs.

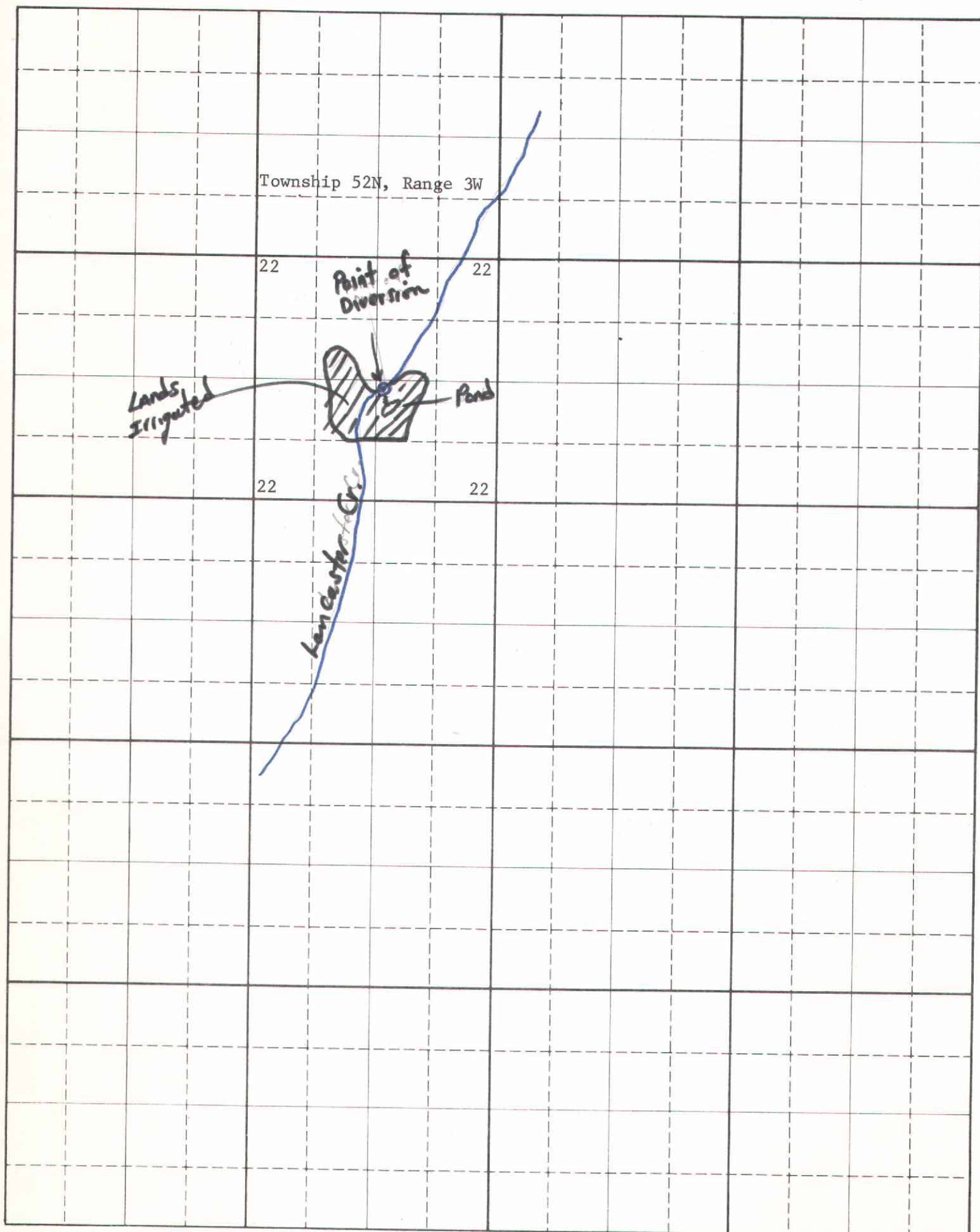
9. a. Who owns the property at the point of diversion Applicant

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 _____

10. Remarks _____

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.

Warren Smith
(Applicant)

Proposed Priority 1-28-76

Received by FE Date 1-28-76 Time 1:30 pm

Preliminary check by RWA Fee \$ 25.00

Receipted by cp Date 1-28-76 (Rec't. #3904)

RWA Publication prepared by cp Date 1-30-76

Published in Coeur d'Alene Press

Publication dates 2-5 & 2-12-76

Publication approved cp Date 2-23-76

Priority reduced to _____ Reason _____

Protests filed by: _____

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by RWA DA

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. 95-7578, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

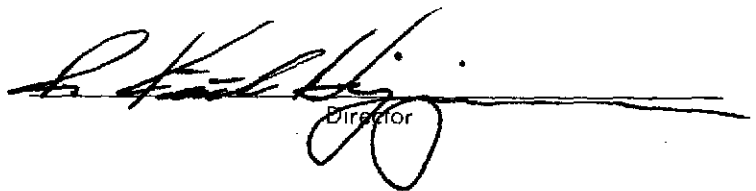
a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before March 1, 19 81.

c. Other: A measuring device of a type approved by the Director shall be permanently installed and maintained as part of the diverting works.

2. Denial of said application is for the following reasons: _____

Witness my hand this 4 day of March, 19 76.


Director

10 day

- Date 2/26/88

RECEIVED
JUN 29 1987

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

Department of Water Resources.

A. GENERAL INFORMATION

Permit No. 95-7578

1. Owner: Warren Smith

Phone No. _____

Current Address: Rt. 3 Box 36, Hayden Lake, Id. 83835

2. Accompanied by: _____

EXAM. DATE: 6-2-87

Address: _____

Phone No. _____

Relationship to Permit Holder: _____

3. Source: Lancaster Creek tributary to Hayden Creek

B. OVERLAP REVIEW

1. Other water rights with same place of use: # 95-7500

☒ Copies Attached

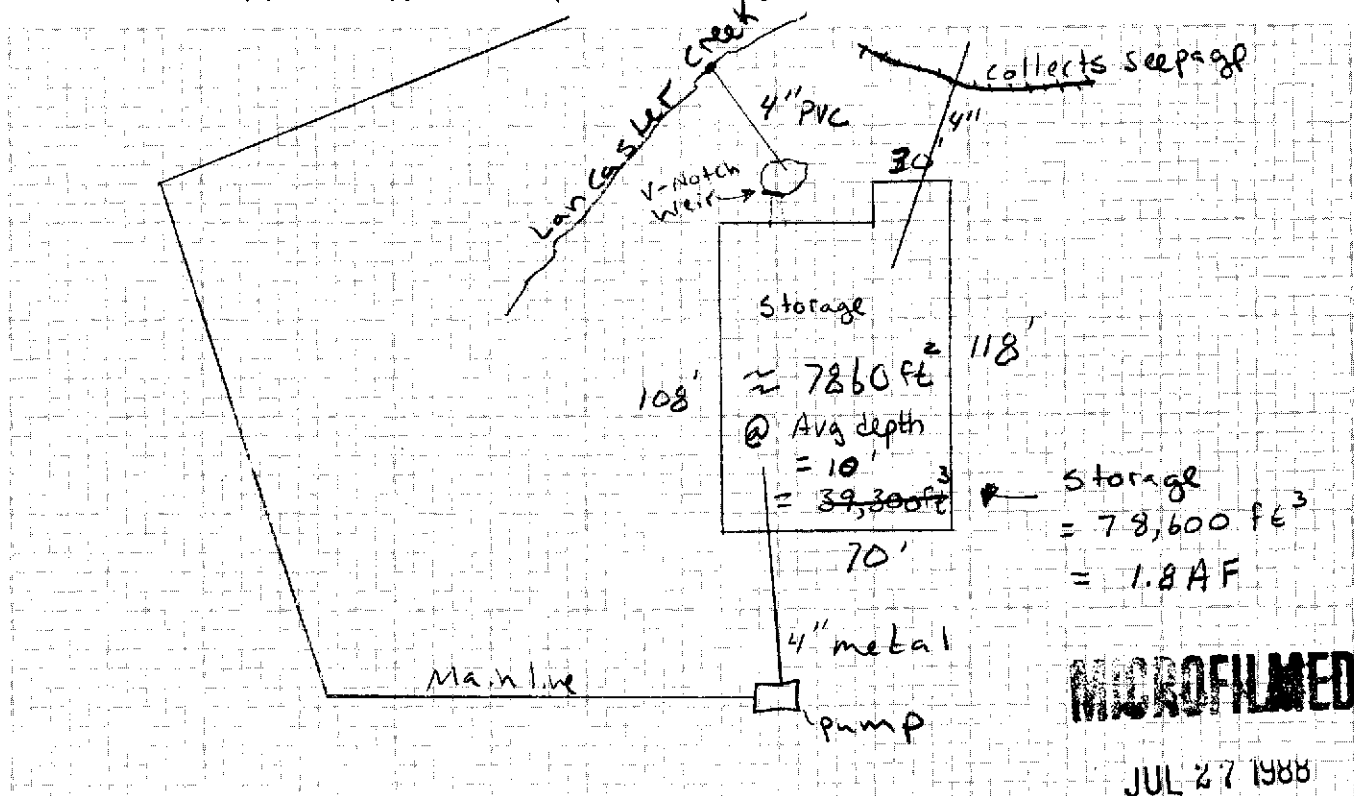
2. Other water rights with same point of diversion: ~~95-7500~~ NONE

☒ Copies Attached

☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

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



Scale: 1" = NTS

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

☐ Photo of Diversion and System Attached

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

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

System Description (continued)

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

From Lancaster Creek through 4" PVC to small storage area 10x20x2 through weir to holding pond 3x1.8AF. Another 4" pipe from springs also fills pond this is covered by #95-7500. Storage water is pumped through a 4" metal pipe into a 4" main line to 3" laterals with 25 sprinkler heads, (Rainbird 30WS 1/4").

☐ See Remarks on page 4 for continuation

- 4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	GE	7.5	5K6213JN9A	Cornell	1 1/4"

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

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

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			NW	SE	22	52N	3W	Hootenai	Map - permit

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

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
52N	3W	22			2					10 28						20			60

Do not use this space

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JUL 47 1966

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
~~5K213 JH9A~~	~~GE~~	~~7.5~~		~~Corbett~~		
Pressure Gauge						

2. Measurements:

See Attachment #1 & #2 for pressure readings and Flow cal.
 $Q_{irr} = .22 \text{ cfs}$ - cal. on Attachment #2
 See Attachment #3 for weir calculations of flow
 $Q = .06 \text{ cfs}$ is taken from Lancaster Creek

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

$$Q = \frac{8.8 (.75) (.75)}{2.3 (40) - 5} = .57 \text{ cfs} \quad Q_{\text{system}} = .22 \text{ cfs}$$

2. Alternate Method for Checking Purposes:

$$Q_{\text{weir}} = .058 \text{ cfs} = .06 \text{ cfs}$$

F. PUMP EFFICIENCY DATA (Optional)

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

Total Head: (1) + (2) = _____ (3) ; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

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

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

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

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 210$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 14.4 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 14.4 \text{ AF}$$

2. Volume Calculations for Other Uses:

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

95-7500 overlaps with # 95-7578 ^{only in} ~~in a point~~
~~of diversion and~~ 48 Ac. of irr., the point
of diversion of # 95-7500 is springs whereas
95-7578 Point of diversion is Lancaster Creek,

FROM ITEM # 69 OF PERMIT IT IS OBVIOUS THIS WAS INTENDED
FOR STORAGE - PRIORITY ^{MORE PRECISE} ~~FOR~~ ITEMIZATION OF USES
HOWEVER POND IS ONLY 1.8 AF

ADDITIONAL ACREAGE & ADDITIONAL WATER FOR ~~THE~~ ACREAGE IRRIGATED
UNDER 95-7500

I. RECOMMENDATIONS

1. Recommended Amounts

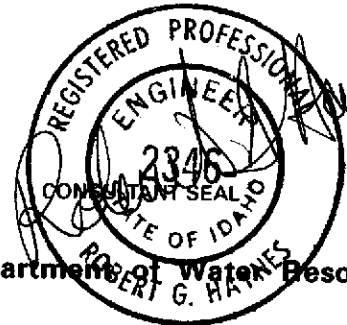
Beneficial Use	Period of Use		Rate of Diversion	Annual Volume
	From	To	,06 Q (cfs)	V (afa)
~~IRR~~ ~~IRRIGATION~~ ~~DIVERSION TO~~ ~~STORAGE~~	~~3-15~~ ~~MARCH 15~~	~~11-15~~ ~~NOV 15~~	~~.06 cfs~~	~~14 AF~~
STORAGE FOR IRR	1-1	12-31	.06 cfs	1.8
IRR EM STOR.	3-15	11-15		1.8
Totals:			.06 cfs	14 AF

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

J. AUTHENTICATION

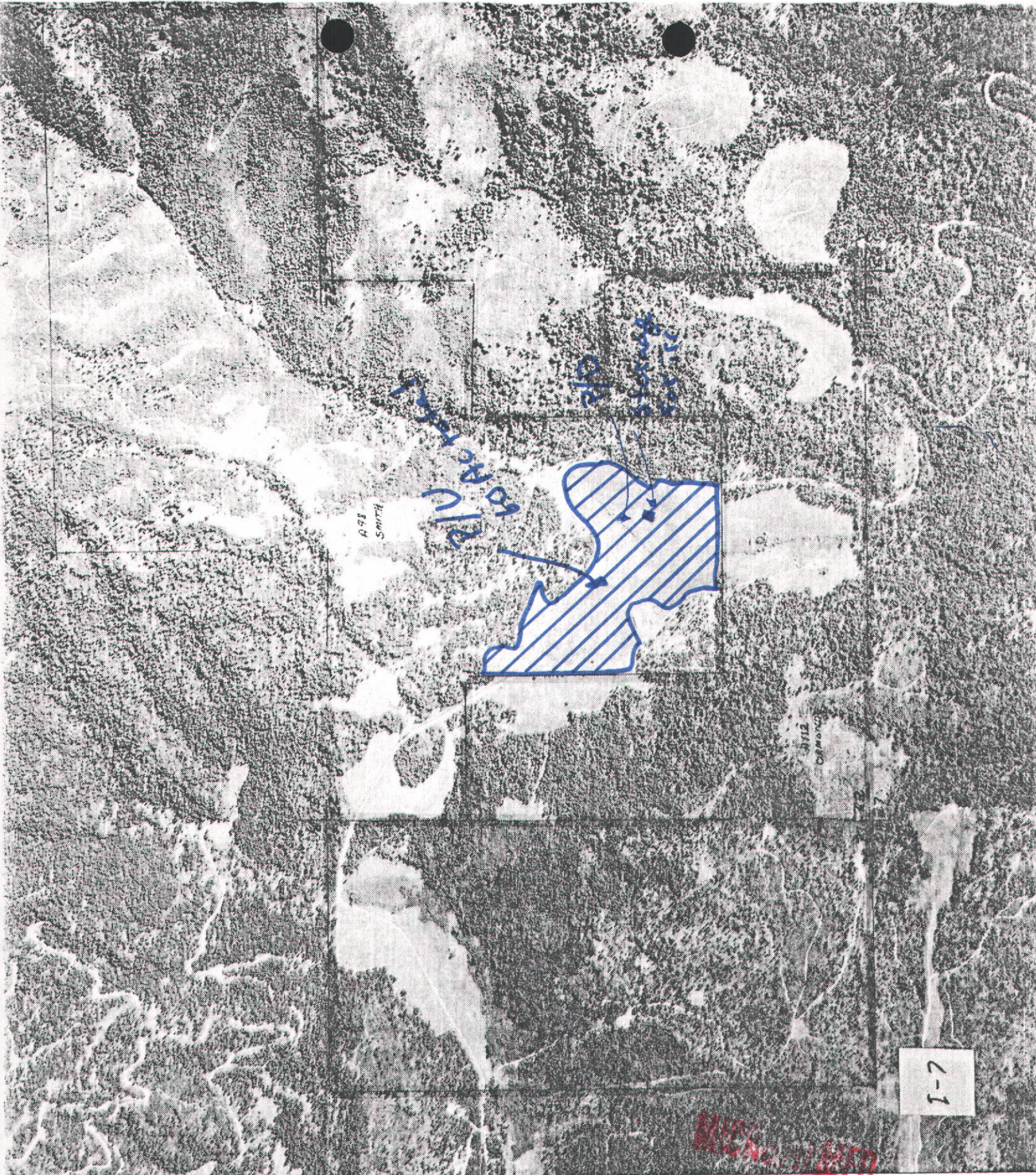
Field Examiner's Name Jennifer Argraves
Signature Jennifer Argraves
Certification Date _____
Field Report Preparation Date 6/24/87 - 1



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

RECORDED

JUL 27 1988

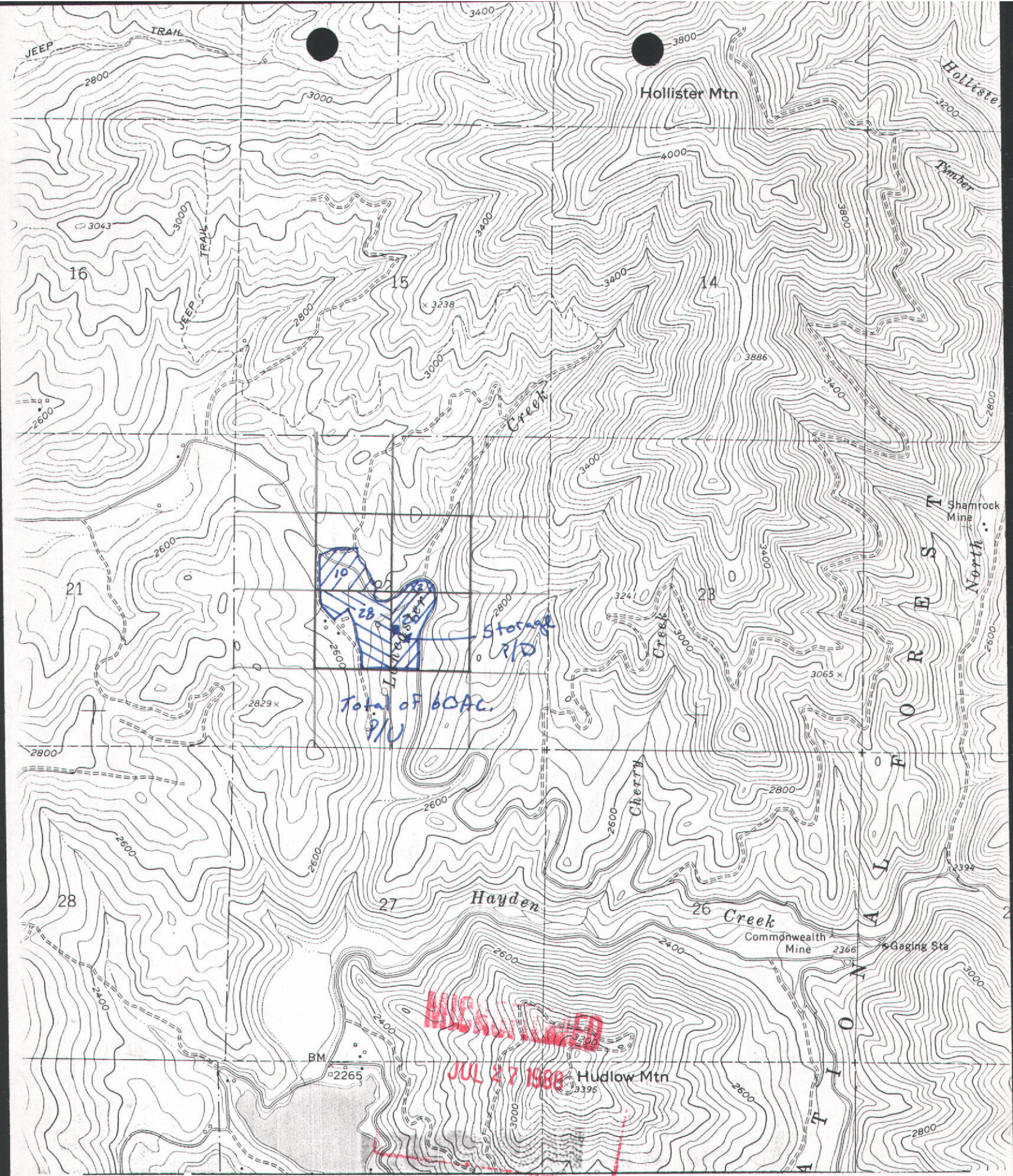


I-7

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JUL 27 1988

TWP 52 N, RGE 3W SEC 22
EXAM DATE 6 / 2 / 87 MAP # 95-7578 PERMIT # 95-7578



T. 52N

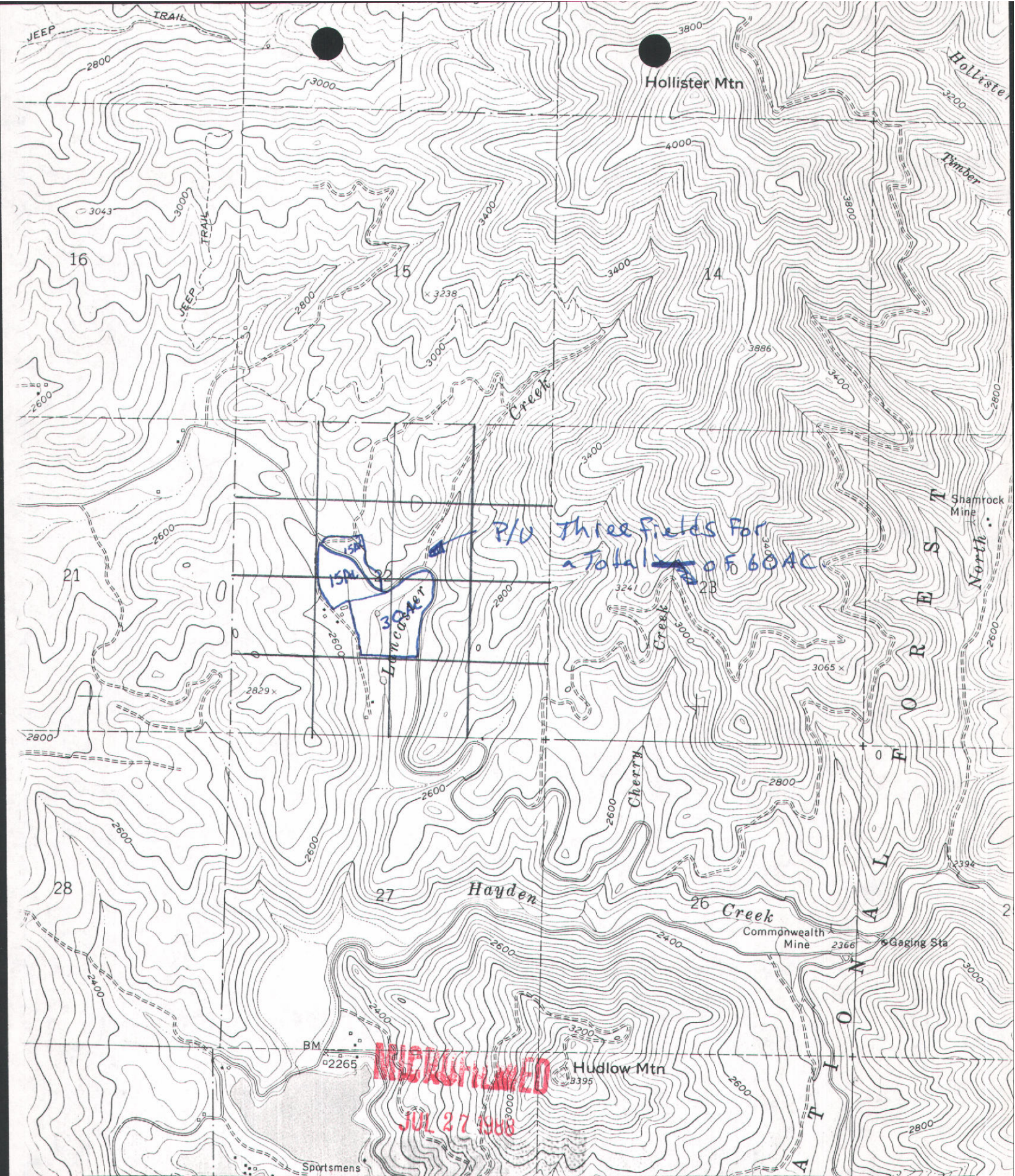
R. 3W

SEC. 22

95-7578

EXAM DATE

6-2-87



T. 52N R. 3W

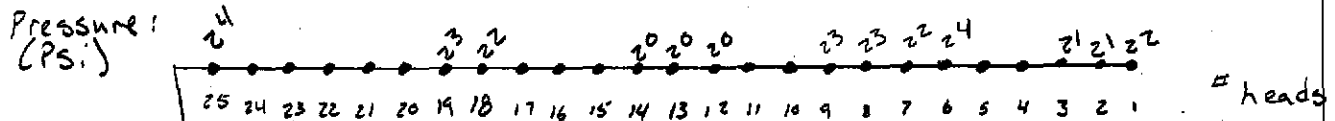
SEL 22

95-7578

EXAM DATE 6-2-87

Pressure Readings: OF system in operation

→ Nozzles are mainly
Rain birds $\frac{1}{64}$ (30's)



Main line 4"

Lancaster Creek

V-Notch
Weir

Seepage
collection

Storage

$\approx 34,600 \text{ ft}^3$
 $= 78,600 \text{ ft}^3$
 $4" = 1.8 \text{ AF}$

Pump

ATTACHMENT
#1

MANUFACTURED

JUL 27 1988

42-381 50 SHEETS 5 SQUARE
42-382 100 SHEETS 5 SQUARE
42-389 200 SHEETS 5 SQUARE



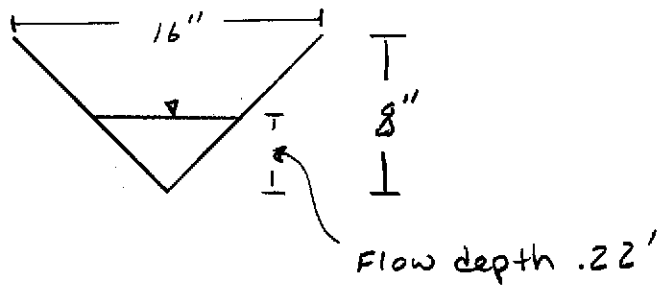
Flow determined from chart interpolation

Press GPM
20 3.82
22 ~~3.82~~ 3.99 GPM
25 4.24

ARMED

JUL 27 1988

Weir Measurements (8" weir)



From Table

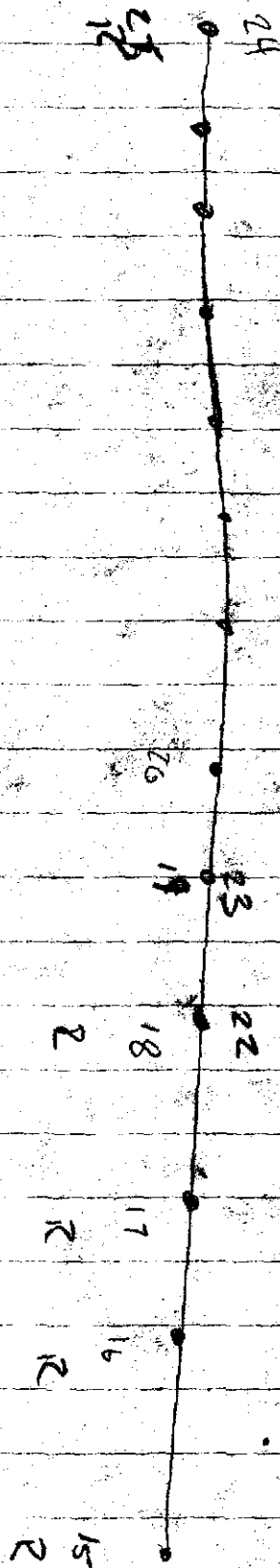
$$Q = .058 \text{ sec-ft} = \boxed{.058 \text{ cfs}}$$

→ This is the limiting factor

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Field Notes



4" main line
 3/2" lateral
 from pump

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DEPARTMENT OF

STATE OF IDAHO

OF WATER RESOURCES

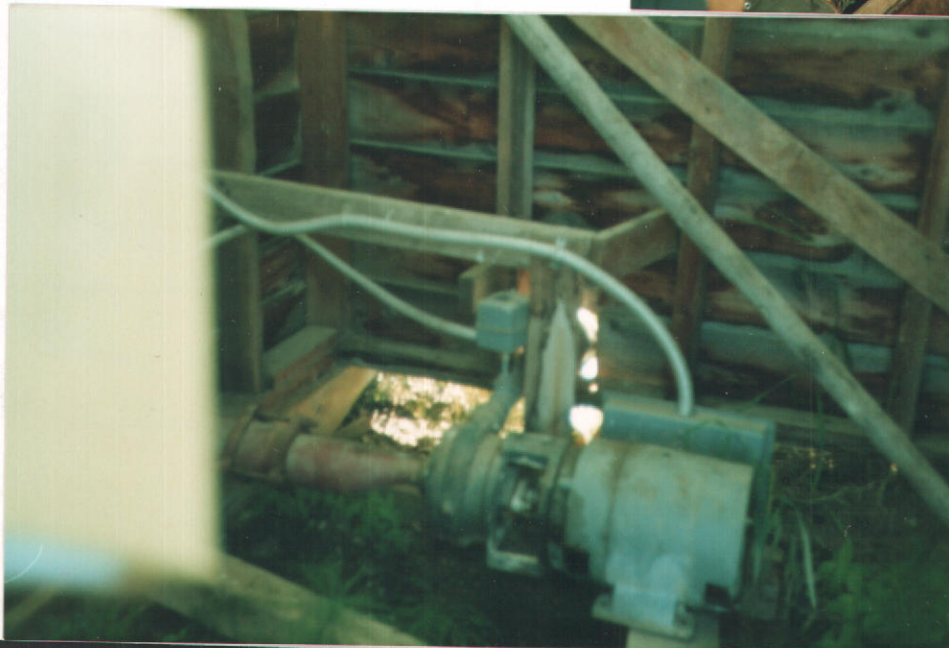
PERMIT # 95-7578

INITIALS

Point of Diversion
in
Lancaster Creek



V-Notch Weir
Overflow →
to Storage Pond
for irr.



Pump From
Storage Pond
to irr.

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STATE OF IDAHO DEPARTMENT OF WATER RESOURCES

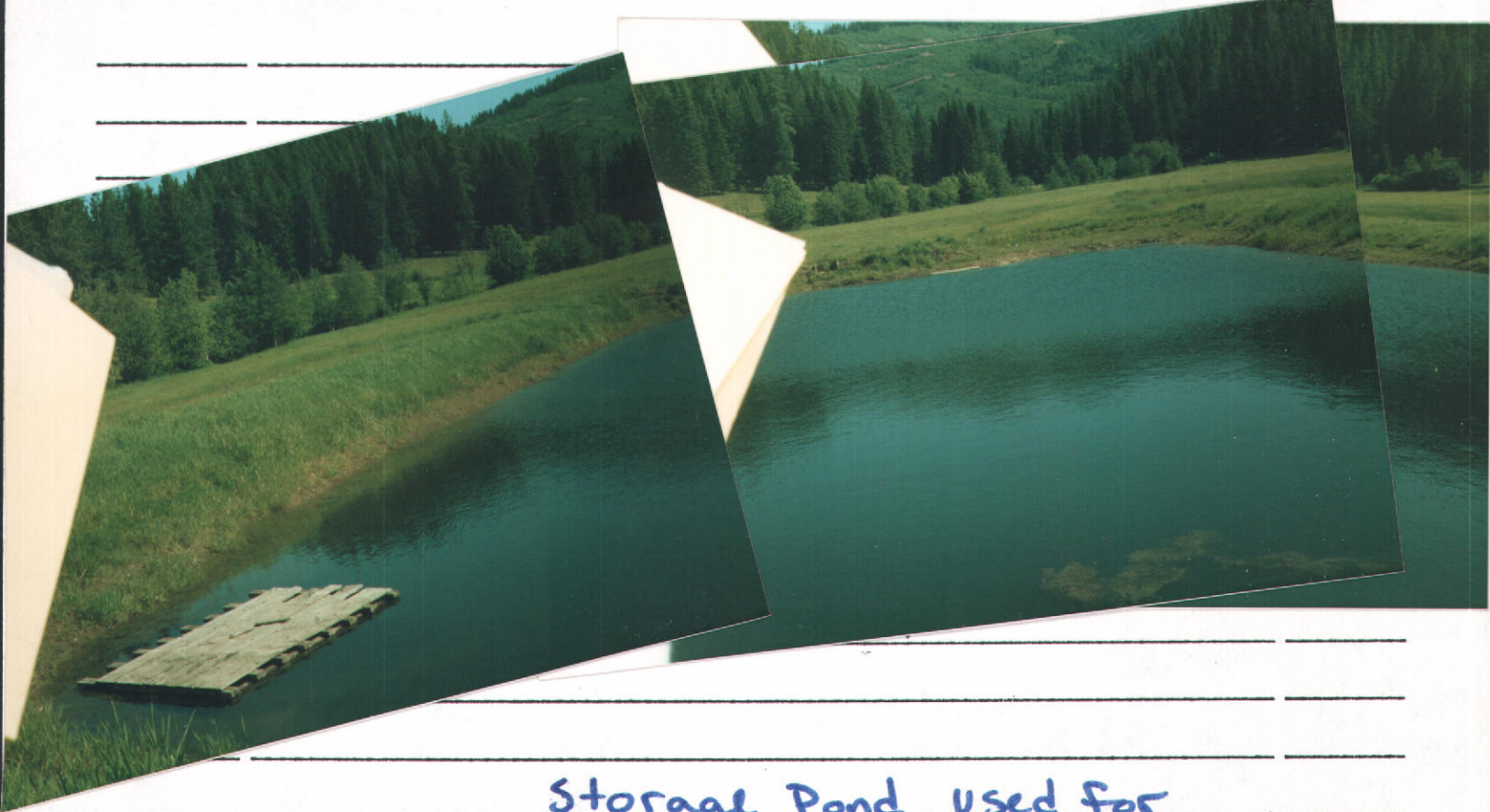
NORTHERN REGION

REMARKS / PHOTOS

PERMIT # 95-7578

DATE

INITIALS



Storage Pond used for
irr.

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

NORTHERN REGION

REMARKS / PHOTOS

PERMIT # 95-7578

DATE

INITIALS

5-29-87 Called → Appt. Tues 6-2-87

@ 9:00 AM

Dir: 6 miles North HWY 95

past lights Turn East on

Ohio Match Road 4 miles

to "Y" the house on the

Right

J.A.

MAILED

JUL 27 1988

REMARKS
ATTACHMENT TO 219A

PERMIT # 95-7500
INITIALS
95-7578

DATE	REMARKS	INITIALS
6/3/82	EXAM - NO MD - SEE HE WILL CONTACT ME WHEN HE PUTS IT IN. MUST DRAIN POND TO INSTALL V/NOTCH WIER - SEE WILL CALL IN 83 DURING REFILL OF POND	k
9/84	NO MD IN EVIDENCE	k
10/23/84	LETTER ATTACHED	
11/2/84	MR. SMITH STOPPED BY SEE MD WILL BE INSTALLED BY 6-15-1985 PMS SAID I WOULD CALL HIM WHEN I WAS READY TO DO THE EXAM	k k
6/5/85	MR. SMITH SEE TO GET TO INSTALL MD	k
3/7/86	APPT LETTER ATTACHED	

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JUL 27 1988

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Staff Analysis Sheet
for
Beneficial Use Field Report

95-7578
Permit No.

RECEIVED
JUN 29 1987

A. Prior to Conducting the Exam, the File Contains:

- ☒ Blank Field Report Form
- ☒ Copy of Permit
- ☒ Copies of any Amendments/Orders with conditions of approval
- ☒ Computer Data Proof Report
- ☒ Copy of U.S.G.S. Quad
- ☒ Check for Government Lots. If so, make a copy of Government Plat
- Check of P/D index JK (Initial and date)
- Overlap? ☒ yes ☐ no If yes: ☐ copy of exam(s) attached?
- Type of Overlap? ☐ Add acres or uses to existing system
- ☐ Increase rate of flow or volume
- ☒ Other: Add STOR
- Check of P/U index JK (Initial and date)
- Overlap? ☒ yes ☐ no If yes: ☐ copy of water right(s) attached?
- Type of Overlap? ☐ Increase rate of flow or volume
- ☐ Add P/D's
- ☐ Increase number of acres within tracts
- ☒ Other: Add STOR
- Aerial Photo
- Required? ☐ yes ☒ no If yes: ☒ copy attached?
- Scheduling Letter sent? _____ (Initial and date)
- ☒ Appointment made and telephone conversation memo attached

B. After Conducting the Exam, the File Contains:

- ☒ Fully completed and signed Field Report Form
- ☐ Photographs of Point of Diversion and Place of Use
- ☐ Corrected Computer Data Proof Report with recommended license information, and date and signature of examiner.

C. Review and Processing:

Exam Completed Jennifer Argauer 5-6-87 (Signature of examiner and date)

Exam Reviewed by Senior Water Resource Agent JK 6/87 (Initial and date)

Exam Reviewed by Manager of Regional Office JK 6/24/87 (Initial and date)

Exam Date Entered in Computer JK 6/24/87 (Initial and date)

Exam sent to State Office JK 6/25/87 (Initial and date)

Copy of Staff Analysis Sheet sent to Manager of Regional Office and Original

Refiled in White File _____ (Initial and date)

4/86

RECEIVED

MAY 23 1986

STATE OF IDAHO

Department of Water Resources

EXAMINATION FEE INFORMATION

For Office Use Only
Fee Received _____
Date 5/15/86
Receipt # 32858
Receipt by _____
Sent to S.O. 5/19/86

pd. \$100.00 exam
fee per telecon
w/Pat 2/29/88-kw

1. Permit No. 95-7500 95-7578 ~ JK

ONE OF THE FOLLOWING BOXES SHOULD BE MARKED TO DESIGNATE YOUR CHOICE:

☒ I choose to have the department make the field examination of this permit; attached is the examination fee. (If this box is marked, complete items 1 thru 8.)

2. Permit Holder: Warren Smith

3. Post Office Address: Rt. 3 Box 36

Hayden Lake, Id. 83835

Telephone No. 772-3704

4. Source of Water: ~~Springs~~ LANCASTER CREEK JK

5. Extent of Use:

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

Irrigation 60 (acres) Other/Remark _____

6. Total rate &/or volume for which proof is submitted 0.6 ^{ac} cfs JK acre-feet

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

July of 1976

8. Person to contact to accompany the department representative during the field examination:

Warren Smith (Applicant)

(Name)

(Address)

(Telephone Number)

☐ I choose to have the field examination conducted by a certified water right examiner. Attached is a statement from the certified examiner verifying that he has been retained to conduct the examination. (If this box is marked, complete items 1 thru 7.)

5/15/86

Date

Warren R. Smith

Signature of Permit Holder (and title, if appropriate)

JUL 27 1988

DEPARTMENT OF WATER RESOURCES
- STAFF ANALYSIS -

Item Initial Date

RAH 1-30-76

Application No. 95-7578 Warren Smith

☒ Source
☒ Point of Diversion
☒ County
☒ Quantity of Water and Period of Use
☒ Description of Diverting Works
☒ Time required for B/U of water
☒ Place of Use or Acres Irrigated
☒ Map
☒ Signature
☒ Fee

(1) RAH 1-30-76

In form to receipt

(2) _____

Send Copies to:

_____ Idaho State Health Department
_____ Idaho Fish and Game Department
_____ Bureau of Land Management

(3) _____

_____ Request Special Use Permit from U.S.F.S.
_____ Request Easement from B.L.M.
_____ Request Information from Applicant

(4) RAH 1-30-76

In form for advertising

(5) _____

Platted on Map No. _____

(6) _____

Located within Water District No. 95-C

(7) _____

Critical groundwater area: yes _____ no _____

(8) _____

Groundwater levels:

_____ Declining, _____ Stable, _____ Increasing

(comment) _____

(9) _____

Other rights on the same place of use

(10) _____

Comments: No field Exam

(11) CP 2/23

Affidavit of Publication received (date) FEB. 17, 1976

(12) CP 1/30

Final date for protests FEBRUARY 23, 1976

Protests received: yes _____ no ☒

(13) _____

All requested information received from agencies or applicant: yes ☒ no _____

(14) _____

Action recommended:

☒ Approve

_____ Proposed Priority 1-28-76

_____ Reason for Reduction _____

☒ Measuring device required

_____ See attached sheet for other conditions of approval

_____ No special conditions for approval

(15) District Northern

By Bob Haynes

Date 2-24-76

RECEIVED

FEB 26 1976

Department of Water Resources

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that Warren Smith,
Route 3, Box 36, Hayden Lake, Idaho
has on January 28, 1976 submitted Application No. 95-7578
for a permit to appropriate 0.30 cubic feet per second ~~XXXXXXFEETXXXXXX~~
of water from Lancaster Creek, tributary of Hayden Creek
by means of pipeline, storage pond, and pump
within the ~~NW 1/4~~ SE 1/4, Sec. 22, T. 52N, R. 3W, BM, Kootenai County

to be used from March 15 to Nov. 15
for the irrigation of 60 acres

within the SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 22, T. 52N, R. 3W, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Resources, 4055 Government Way, Coeur d'Alene, Idaho 83814, on or before February 23, 1976

R. KEITH HIGGINSON
Director

Published in the Coeur d'Alene Press, Coeur d'Alene, Idaho
on Feb. 5 and Feb. 12, 1976