

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

T.
6
S.

R. 30 E.

SEC. 24

lot 3

Pt. of Div. lot 4

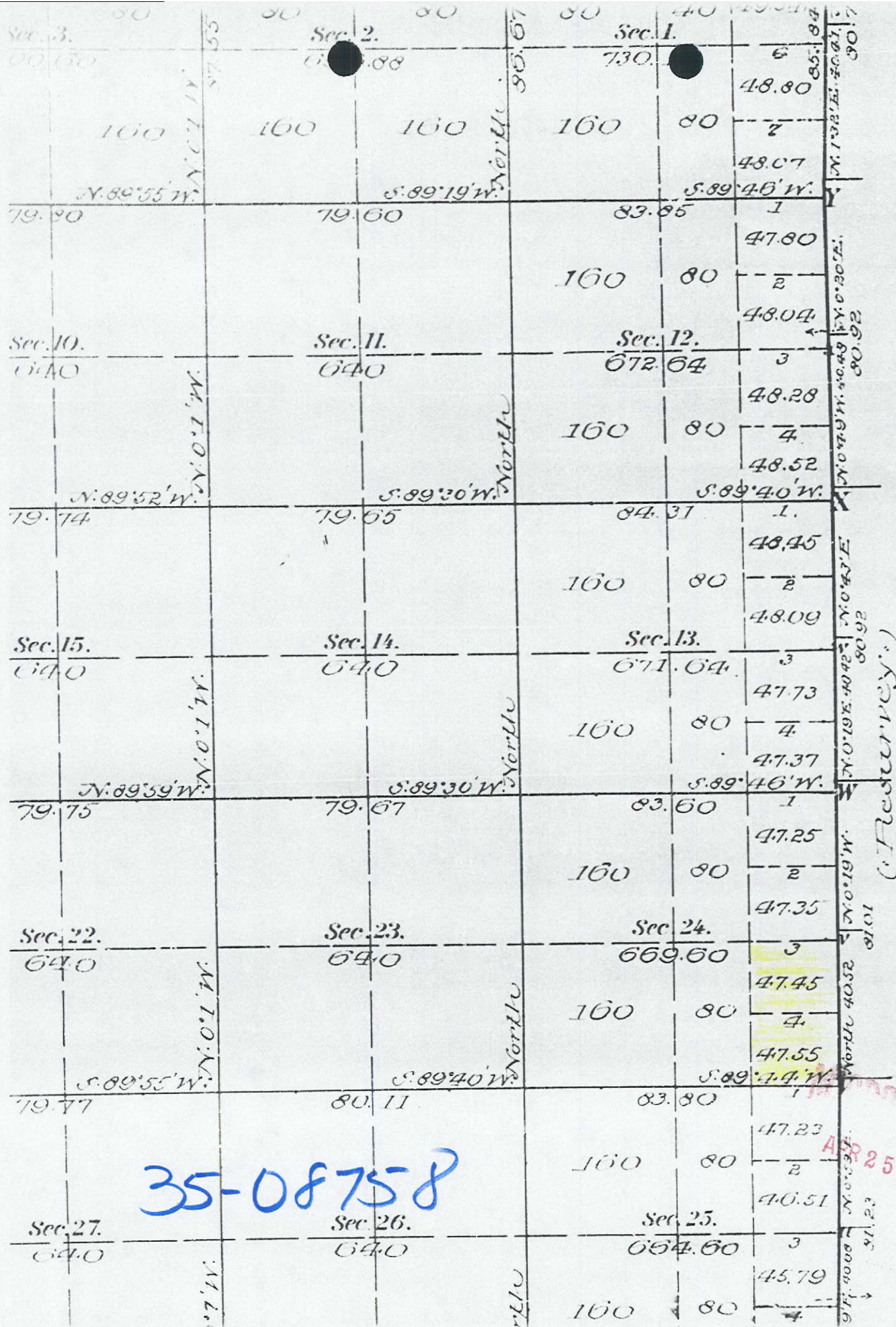
Area Irrigated: $W\frac{1}{2}$ SE $\frac{1}{4}$ and lots 3 & 4
of Sec 24 Bingham County

MICROFILMED
MAY 23 1990

Scale: 2 inches equal 1 mile.

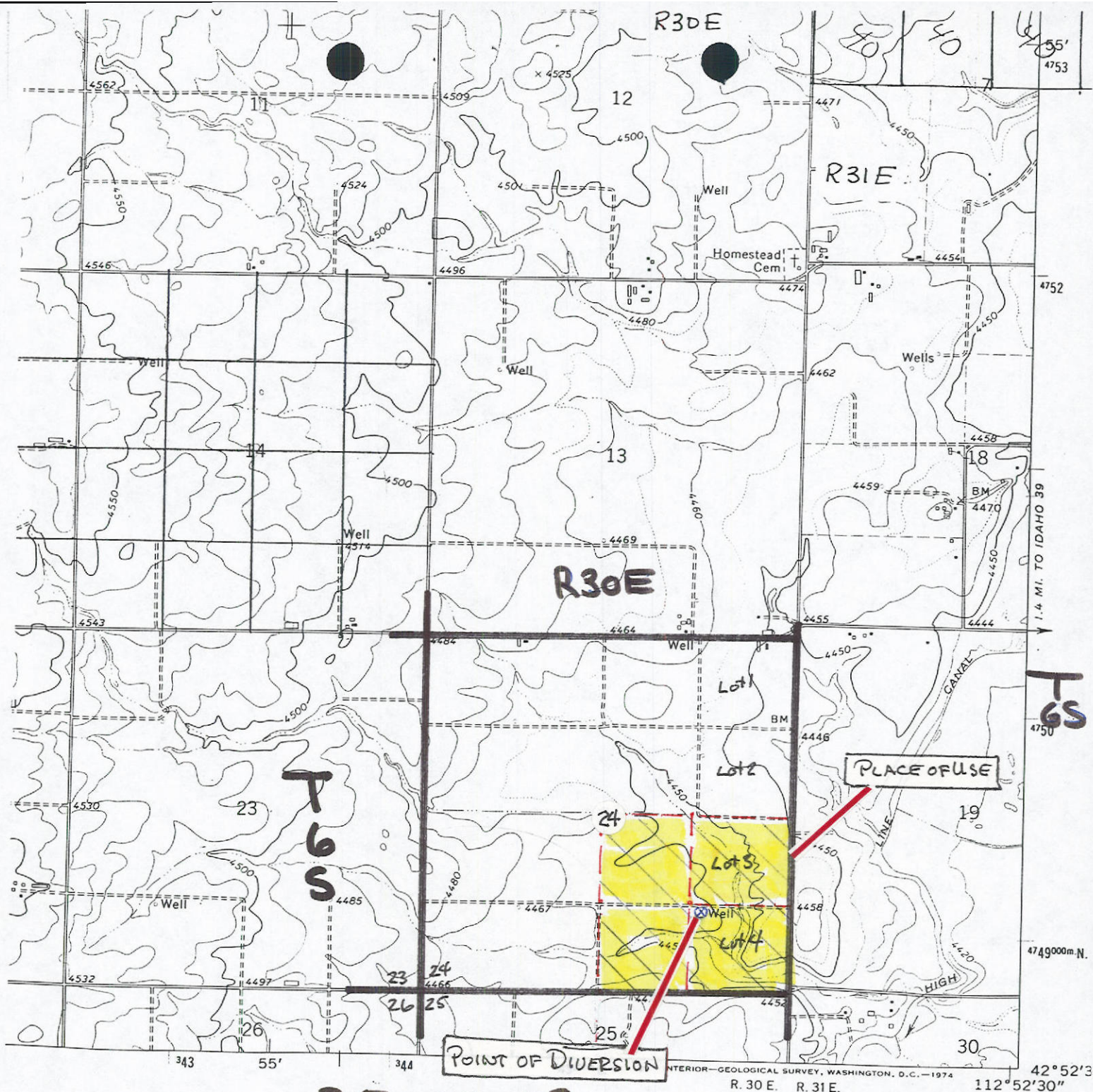
BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Gregory Lynn Pahl
(Applicant)

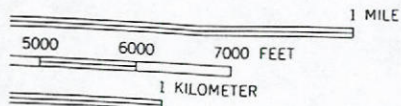


35-08758

APR 25 1995



35-08758



NTOURS



CHANDLER LOCATION

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

AMERICAN FALLS NW, IDAHO

NW 1/4 AMERICAN FALLS 15, CHANDLER

APR 25 1995

14 13

35-08758

23

24

35-8758

24

T2307
1879

R30E

35-8758

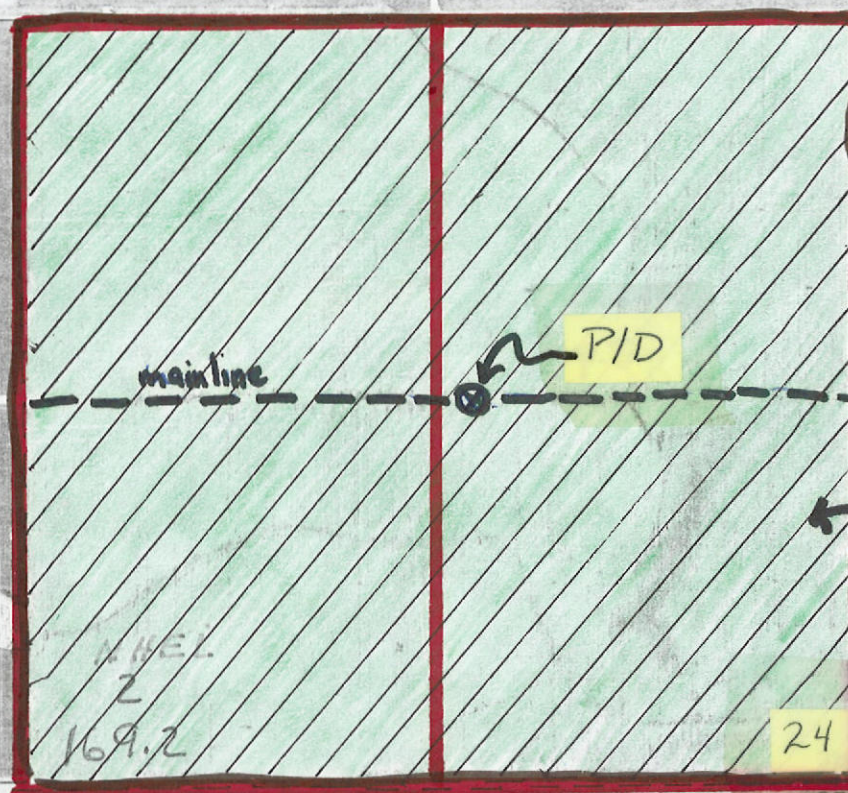
APR 25 1995

HEL

75.8

1
N

SS T



P/D

P.O.U.

mainline

4

58.6

24

HEL
2
169.2

24

57.8

23

WATER RIGHT LICENSE

WATER RIGHT NO. 35-08758

Priority: March 7, 1989

Maximum Diversion Rate:

0.25 CFS

This is to certify, that GREGORY LYNN PAHL
3183 N PLEASANT VALLEY RD

AMERICAN FALLS ID 83211 has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated March 7, 1989; and has submitted Proof of Beneficial Use on July 29, 1991. An examination indicates that the works have a diversion capacity of 3.440 cfs of water from a **GROUNDWATER** 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	04/01 to 10/31	0.25 CFS	

LOCATION OF POINT(S) OF DIVERSION: Lot 4 (SESE), Sec. 24, Township 06S, Range 30E
BINGHAM 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>
06S	30E	24	Lot 3 (NESE)	45	NWSE	40	SWSE	39	
			Lot 4 (SESE)	44.5					168.5
Total number of acres irrigated:									168.5

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. The use of water under this right shall not give rise to any claim against the holder of a senior water right based upon the theories of forfeiture, abandonment, adverse possession, waiver, equitable estoppel, estoppel by laches or customary preference.
5. The Director retains jurisdiction of the right to incorporate the use into a water district, require streamflow augmentation or other action needed to protect prior surface water and groundwater rights.
6. This right uses the same well as Right 35-02486 and when combined with Right 35-02486 and all other rights shall provide no more than .02 cfs per acre nor exceed an annual diversion volume of 674.0 af for the lands above.

APR 25 1966

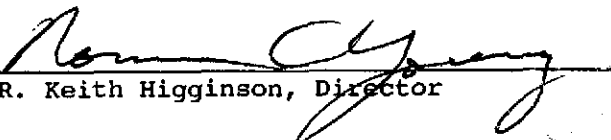
State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 35-08758

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 15th
day of APRIL, 1995.

Acting for


R. Keith Higginson, Director



APR 25 1995

RECEIVED
JUL 29 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
PROOF OF BENEFICIAL USE

Department of Water Resources

The Idaho Department of Water Resources will consider this form as 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 or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 35-08758 Telephone No. 208-226-2778
208-226-2731

Name(s) of Permit Holder(s): GREG PAHL

Post Office Address: 3183 N. Pleasant Valley Rd, Am. Falls, ID 83211

Source of Water: Groundwater

note: this is additional to an existing water right
If ground water, well driller's name: unknown Date drilled: est 1955-1956

Extent of Use:
Domestic _____ (No. of households) Irrigation 169.5 (No. of acres)

Stockwater _____ (No. and type of stock) Other _____

IDWR water right numbers B-26669/
35-2486 3.12 cfs
35-08758 .27 cfs
Total rate and/or volume for which proof is submitted 3.39 cfs _____ acre/feet

Show date water was first diverted and beneficially used under this permit: March 7, 1989

One of the following may be a condition of approval of your permit:

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

OR

Flow Measurement Port: Required? ☒ Yes 27 No Installed? ☒ Yes 27 No

Fee Enclosed: \$ 100 (See License Examination Fee Schedule)

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

GREG PAHL 226-2778, 226-2731
Name Telephone No.

3183 N. Pleasant Valley Rd, Am. Falls, ID 83211
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.

Date 7-26-91

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

NOT FILMED
AUG 21 1991

State of Idaho

Department of Water Resources

LICENSE EXAMINATION FEE SCHEDULE

(c.f.s. = cubic feet per second
AF = acre feet)

cfs	AF	Fee
0 - 0.04	0 - 4	\$ 0
.05 - 0.20	5 - 20	50.00
.21 - 1.0	21 - 100	100.00
1.01 - 2.0	101 - 200	125.00
2.01 - 3.0	201 - 300	150.00
3.01 - 4.0	301 - 400	175.00
4.01 - 5.0	401 - 500	200.00
5.01 - 6.0	501 - 600	225.00
6.01 - 7.0	601 - 700	250.00
7.01 - 8.0	701 - 800	275.00
8.01 - 9.0	801 - 900	300.00
9.01 - 10.0	901 - 1000	325.00
10.01 - 11.0	1001 - 1100	350.00
11.01 - 12.0	1101 - 1200	375.00
12.01 - 13.0	1201 - 1300	400.00
13.01 - 14.0	1301 - 1400	425.00
14.01 - 15.0	1401 - 1500	450.00
15.01 - 16.0	1501 - 1600	475.00
16.01 - 17.0	1601 - 1700	500.00
17.01 - 18.0	1701 - 1800	525.00
18.01 - 19.0	1801 - 1900	550.00
19.01 - 20.0	1901 - 2000	575.00
20.01 & over	2001 & over	600.00

Checks should be made payable to the
Department of Water Resources

No fee is required for single ownership
domestic use or stockwater use of
less than 13,000 gallons per day.

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 35-08758

Proposed Priority: March 7, 1989 Maximum Diversion Rate: 0.27 CFS

This is to certify, that **GREGORY LYNN PAHL**
3183 N. PLEASANT VALLEY RD.
AMERICAN FALLS, ID 83211

has applied for a permit to appropriate water from: **GROUNDWATER**
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>
-----------------------	----------------------	--------------------------

IRRIGATION	03/15 to 11/15	0.27 CFS
------------	----------------	----------

LOCATION OF POINT(S) OF DIVERSION: LOT 4(NWSESE), Sec. 24, Township 06S, Range 30E
BINGHAM County

PLACE OF USE: IRRIGATION

<u>TWN RGE SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
06S 30E 24	LOT 3(NESE) 45	NWSE 40	SWSE 40	
	LOT 4(SESE) 44.5			169.5

Total number of acres irrigated: 169.5

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **May 1, 1992**.
2. Subject to all prior water rights.
3. The right to the use of water acquired under this permit shall not give rise to any right or claim against the holder of a senior right based upon the theories of forfeiture, abandonment, adverse possession, waiver, equitable estoppel, estoppel by laches or customary preference.
4. The Director retains jurisdiction of the permit and any license subsequently issued to incorporate the use into a water district, require streamflow augmentation or other action needed to protect prior surface water and groundwater rights.
5. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
6. 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.
7. Prior to the diversion of water under this permit a flow measurement port or other device as specified by the Department shall be installed to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.
8. The rate of diversion of water for irrigation under this permit and all other water rights on the same land shall not exceed 0.02 cubic feet per second for each acre of land.

MICROFILMED
MAY 23 1990

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 35-08758

CONDITIONS/REMARKS:

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

23rd day of April, 1990

for R. Keith Higginson, Director
R. Glen Saxton

MICROFILMED

MAY 23 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 35-8758

To appropriate the public waters of the State of Idaho

1. Name of applicant GREGORY Lynn PAHL Phone 208-226-2778
Post office address 3183 No. Pleasant Valley Road, Am. Falls ID 83211
2. Source of water supply Ground WATER which is a tributary of _____
3. Location of point of diversion is NW $\frac{1}{4}$ of SE $\frac{1}{4}$ of SE $\frac{1}{4}$, Govt. Lot 4
Sec. 24 Township 6S Range 30 E B.M. BINGHAM County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount .27 for IRRIGATION purposes from MAR 15 to NOV 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) 0.27 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. 125 Horsepower pump motor, turbine pump, 1400' of 10" mainline west of well; 800' of 8" mainline and 500' of 6" mainline east of well; and 8- 4" to 5" laterals.
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 18 inches; proposed depth of well is 120 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 2 + _____ years (minimum 1 year).

MAY 23 1990

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. _____
- 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	
6S	30E	24													45	40	40	44½	169.5
															L-3			L-4	

MICROFILMED
MAY 23 1990

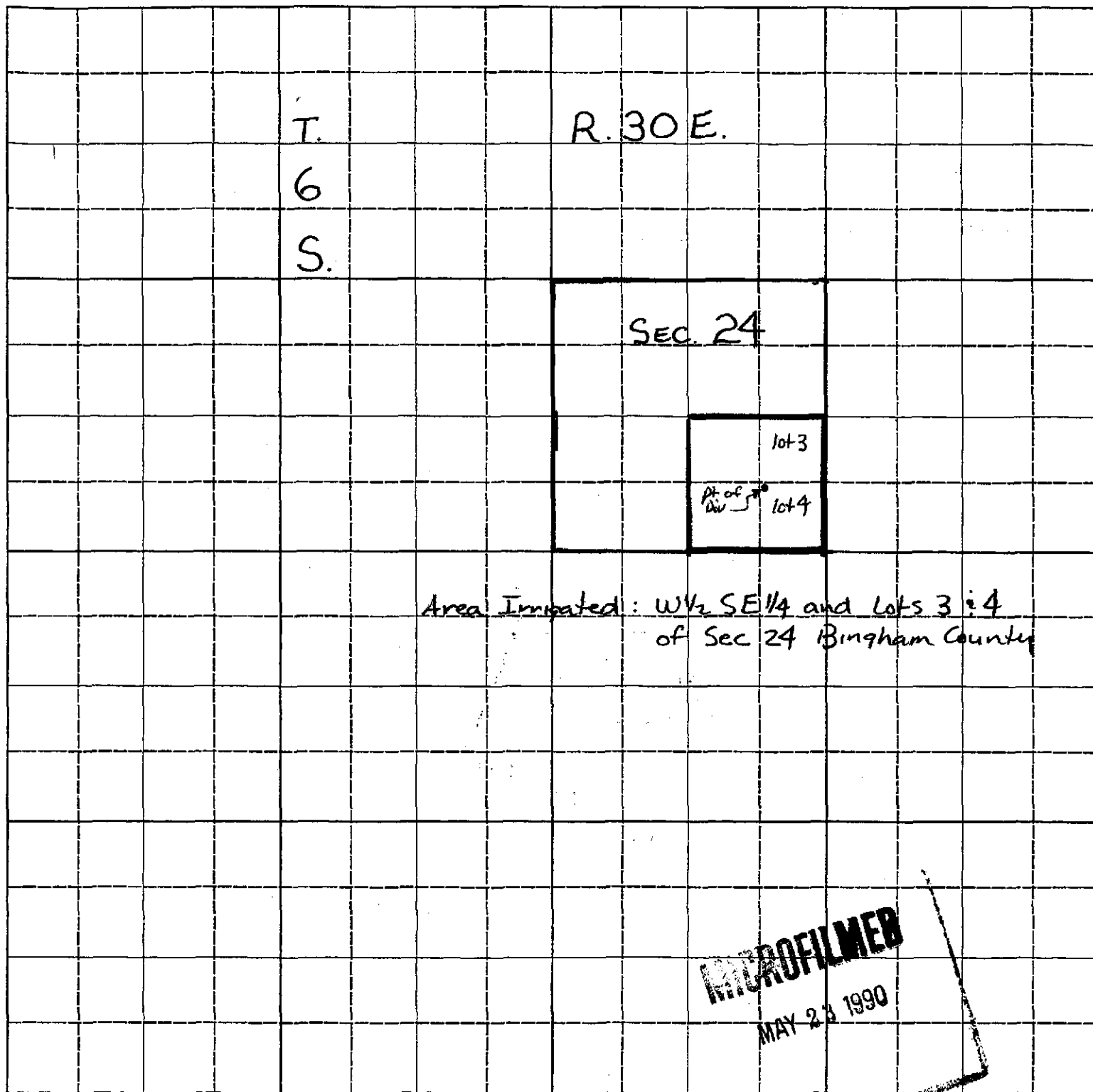
Total number of acres to be irrigated 169.5

10. Describe any other water rights used for the same purposes as described above. License # 35-2486 for 3.12 cfs

- Who owns the property at the point of diversion? GREGORY Lynn PAHL
- Who owns the land to be irrigated or place of use? GREGORY Lynn PAHL
- If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. _____

12. Remarks: This application for permit is to apply for an additional appropriation to the marginal amount of 3.12 cfs for 169½ acres already appropriated for by license # 35-2486. The irrigated acreage is also slightly larger than 168 Acres on the original license.

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.

Gregory Lynn Pahl
(Applicant)

Received by RB Date 3-7-89 Time 4:25 Preliminary check by DMD
Fee \$ 45.00 Receipted by HWS # E006003 Date 3-9-89
Publication prepared by RB Date 3-18-90 Published in Morning News
Publication approved aw Date 3-30-90

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:

State of Idaho License and Certificate of Water Right

Water License No. G-26669

Amount 3.12 c.f.s.

Water District No. _____

Priority Dec. 24, 1956

THIS IS TO CERTIFY that WILLIAM FUNK
of American Falls, Idaho, made application for a permit to appropriate the
public waters of the State of Idaho, dated December 24, 1956; that Permit No. G-26669
was issued under said application; that Certificate of Completion of works, with a carrying capacity of
3.12 second feet, was issued thereunder on June 23, 1959, showing that said works
were completed on the 13 day of August, 1958; and that on the 11th
day of August, 1958,

WILLIAM FUNK

of American Falls, State of Idaho, made proof to the satisfaction of the
State Reclamation Engineer of Idaho, of the right to use the waters of a well
a tributary of subterranean flow, for the purpose of irrigation
under Use Permit No. G-26669 of the Department of Reclamation
and that said right to the use of said waters has been perfected in accordance with the laws of Idaho,
and is hereby confirmed by the State Reclamation Engineer of Idaho and entered of record in Volume
11 of Licenses at page 6667, on the 23rd day of June, 1959;

The right hereby confirmed dates from December 24, 1956:

The Point of Diversion is located Lot 4
in the SE 1/4 SE 1/4 Sec. 24, Tp. 6 S., R. 30 E., B. M. Bingham County

That the amount of water to which such right is entitled and hereby confirmed, for the purposes
aforesaid, is limited to an amount actually needed and beneficially used for said purposes, and shall
not exceed 3.12 cubic feet per second.

Description and location of use:

Twp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
6 S.	30 E.	24	NE 1/4 SE 1/4	47.45	44
			NW 1/4 SE 1/4	40.0	40
			SW 1/4 SE 1/4	40.0	40
			SE 1/4 SE 1/4	47.55	44
			Total number of acres to be irrigated:		168

The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place
of use herein described, as provided by the laws of Idaho.

WITNESS the seal and signature of the State Reclamation Engineer, affixed at Boise, Idaho, this
23rd day of June, 1959.

s/ GEO. N. CARTER

State Reclamation Engineer.

(SEAL)

35 2486



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

RECEIVED

FEB 28 2002

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

February 13, 2002

GREGORY L PAHL

2975 RICHARD ST 2174 S 3200 W

POCATELLO ID 83201-7908 American Falls, ID 83211

Re: Snake River Basin Adjudication (SRBA)

Water Rights #35-2486, 35-2635, 35-8758

Dear Water Right Holder:

IDWR has been notified the address presently in our records is incorrect. Although we have reached you at the address above, we need your written confirmation this is your correct mailing address before we can change our records. Future notices related to your water right(s) can be sent only to the address on your water right(s) or as otherwise changed by you.

Please sign your name at the bottom of this letter and return it to this office. Make corrections to your name and address if necessary and list any other water rights you may have before returning this letter by February 25, 2002. Thank you for your help.

If your mail delivery address changes in any form, please contact us in writing so we can update our records.

If there has been a change in ownership of the property connected with the water rights referenced above, please call this office toll-free at 1-800/451-4129 to obtain a form to make this required change to the water right record.

Sincerely,

Sally Sherman

Sally Sherman

Technical Records Specialist

Adjudication Bureau

SS:region

The address is correct as shown above or as otherwise changed.

Claimant Signature

Telephone No.

→ P.S. Your address was not updated when Jeff's was in 12/01, hence my letter & your returned mail.

DEPARTMENT OF WATER RESOURCES
1301 N. ORCHARD ST.
BOISE, ID 83706-2237



RECEIVED

JAN 31 2002

Department of Water Resources

PAHL 467

JEFFREY JAMES PAHL

GREGORY L PAHL
467 POWER LINE RD
ABERDEEN ID 83210

35-24867 Recs
35-26355
35 8758-WR

PAHL 467 832102005 1900 07 01/21/02
FORWARD TIME EXP STN TO SEND
PAHL RICHARD ST
2775 RICHARD ST
POCATELLO ID 83201-7908
RETURN TO SENDER

updated 3/11/02 up

CID

267439

updated - 267442



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

April 17, 1995

GREGORY LYNN PAHL
3183 N PLEASANT VALLEY RD
AMERICAN FALLS ID 83211

RE: WATER RIGHT NO. 35-08758

Dear Water Right Holder(s):

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

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

APR 25 1995

M E M O R A N D U M

DATE: April 14, 1995

TO: Norm Young

FROM: Shelley W. Keen *SWK*

RE: Acres and diversion rate for 35-08758

=====

Place of Use

The place of use for right 35-08758 overlaps 35-02486, which was licensed for 168 acres and is being recommended in the SRBA for 168 acres. However, both the SRBA examiner for 35-02486 and the B/U field examiner for 35-08758 reported development of slightly more than 168 acres. Permit 35-08758 allowed 169.5 acres, and the field examiner recommends licensing 168.5 acres.

Diversion Rate

The recommended diversion rate of 0.25 cfs was calculated as follows:

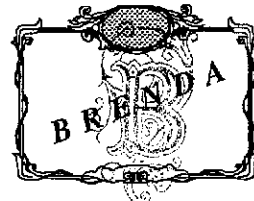
168.5 acres * 0.02 cfs/acre	= 3.37 cfs
35-02486 allows	= <u>3.12 cfs</u>
35-08758 should get	0.25 cfs

The permitted rate of 0.27 cfs was based on an acreage total of 169.5.

RECEIVED

APR 25 1995

LICENSE REVIEW CHECKLIST



PERMIT NO. 35-08758 DATE 4-3-95

NAME	<u>Change</u> ☒ OK ☐ Or Address Change?
PRIORITY DATE	<u>Advance</u> ☒ <u>Advanced to:</u> _____ Order to reinstate needed? _____ Incorrect fee for rate recommended? <u>NO</u>
SOURCE	<u>Changes or just clarification of originally intended source?</u> _____ Notice of Intent to Void necessary? _____
POINT OF DIV	<u>Amendment needed?</u> _____ <u>Overlaps?</u> <u>35-02486</u>
PLACE OF USE	<u>Amendment needed?</u> _____ <u>Overlaps?</u> <u>35-02486</u>
DIV RATE	<u>Permit/fee limits:</u> <u>.27 CFS</u> <u>Meas Q = 3.44</u> <u>Theo Q =</u> _____ <u>Recommend: .25</u> <u>3.36 - 3.12 = .24</u> <u>168 X .02 = 3.36</u> <u>168.5 X .02 = 3.37</u> <u>Combined rates exceed capacity</u> <u>(NO)</u>
CAPACITY = 3.44 CFS	
35-02486 = 3.12 CFS	
AVAILABLE = .32 CFS	
ANNUAL VOLUME	<u>Volume Limit:</u> _____ <u>Season:</u> <u>4.0</u> <u>(NEW)</u> <u>(4-1 to 10-31)</u> <u>Calculations:</u> <u>168.5 X 4 = 674 CF</u>
	<u>Flow limit:</u> _____ <u>cfs x</u> _____ <u>x 1.9835 =</u> _____ <u>Combined volumes exceed capacity/allowable</u> <u>YES -</u> <u>CONDITION</u>
USES	<u>Change in Nature of Use or additional uses?</u> _____ <u>Amendment necessary?</u> _____
NEW REMARKS	<u>Multiple p/d(s) in 1/4 1/4?</u> _____ <u>Other</u> <u>(.02 and 672)</u>
NEW CONDITIONS	<u>Watermaster control - District</u> _____ <u>Measuring/Locking Devices</u> _____ <u>Irrigation Overlap</u> _____ <u>Other</u> <u>NON-TRUST 048 & 049 (keep)</u> <u>Water Quality</u> _____ <u>Heat/Cool/Fish verified</u> _____
COMMENTS:	<u>Don't limit the acres to 168 (the same as the other right on the same land (R35-02486))</u>

RECOMMENDATION	CFS	VOLUME	SRBA Claim Filed	NO
<u>Irrigation</u>	<u>.25</u>	<u>(674)</u>	<u>Adjustment Memo Needed</u>	<u>YES</u>
		<u>in</u>	<u>LICENSE</u>	<u>✓</u>
		<u>REMARKS</u>		
			<u>1ST AMEND LETTER</u>	
			<u>2ND AMEND LETTER</u>	

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
JAN 05 1995
Department of Water Resources

A. GENERAL INFORMATION

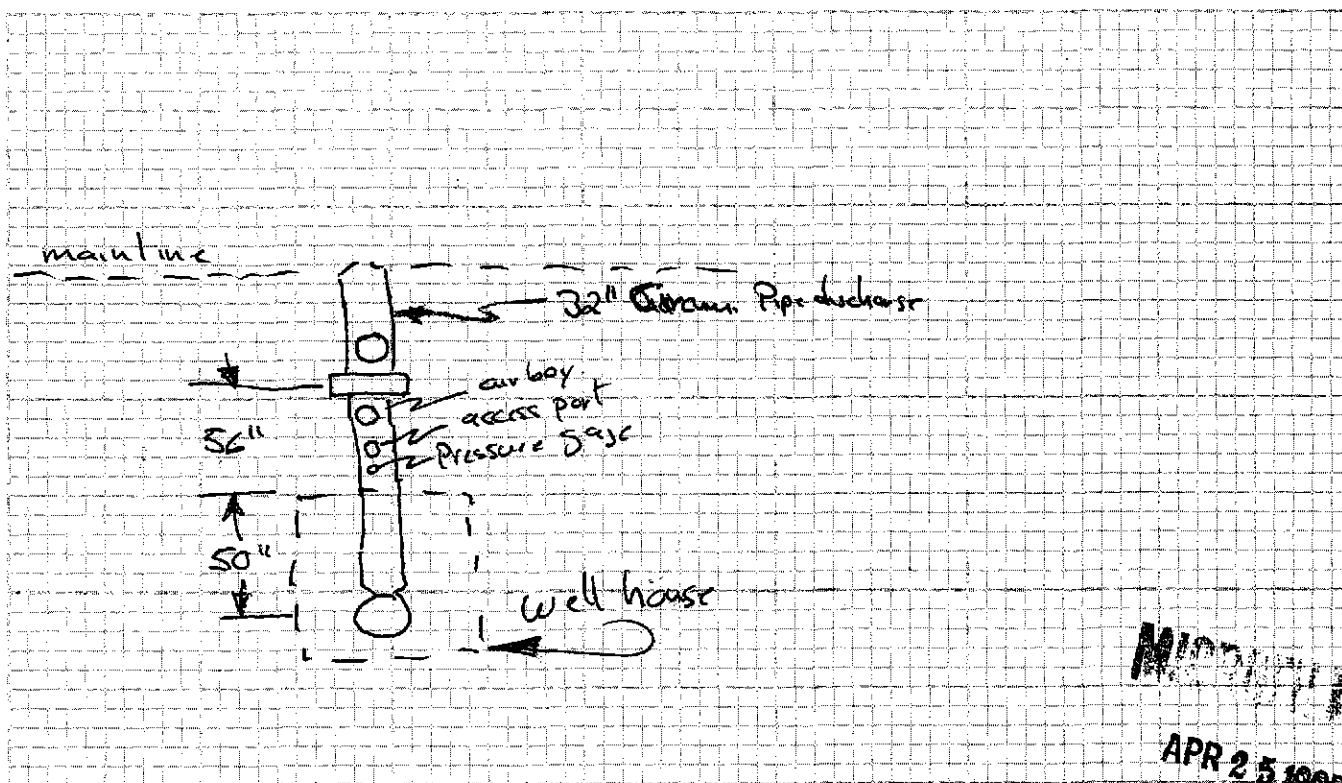
1. Owner: Greg Pahl Permit No. 35-08758
Current Address: 3183 N. Pleasant Valley Rd Phone No. 226-2778
American Falls, ID 83211
2. Accompanied by: Jeff Pahl EXAM. DATE: 5-6-92
Address: _____ Phone No. _____
Relationship to Permit Holder: _____
3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: 35-2486
_____ ☒ Copies Attached
2. Other water rights with same point of diversion: 35-2486
_____ ☒ 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" = _____

2. ☒ Copy of U.S.G.S. 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 or more).
☐ Photo of Diversion and System Attached (required for all but single household domestic groundwater, and stockwater).

System Description (continued)

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

Well + pump to 8 wheel lines. On line pressure gage (Funk) shows 100 psi. Sugar beets planted this year.

☐ 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
Field 19	US Motors	125	1120057	Fairbanks-Morse	

*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
			NE	SE	24	6S	30E	Bingham	
	4	NW	SE	SE	24	6S	30E	Bingham	
			NW	SE	24	6S	30E	Bingham	
			SE	SE	24	6S	30E	Bingham	

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	
6S	30E	24													45	40	39	44.5	168.5
															43			44	

NE 1/4 ONLY

Do not use this space

APR 25 1995

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

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

2. Measurements:

Stc efficiency exam done by IDWR 8-9-1989
= 1542.78 (Hall meter measurement from eff. exam)
= 448.8
= 3.44 cfs (actually used)

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

* 1/ 3.44 cfs - 3.12 cfs = .32 cfs available

2. Alternate Method for Checking Purposes: 2/ allow 0.27 cfs as permit asks

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 Ampsx .001732 = _____ (6)

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

* $V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (168.5)(4.0) = 674 \text{ afa}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = (0.27)(214)(1.9835) = 114.6$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 114.6 \text{ afa}$

2. Volume Calculations for Other Uses:

* See attached adjustment explanation memo. PC

APR 25 1995

H. REMARKS AND OVERLAP REVIEW ANALYSIS

I recommend giving .27 cfs. as dictated by permit

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
* <i>Irrigation</i>	<i>April 1</i>	<i>Oct. 31</i>	<i>0.27</i>	<i>114.6</i>
Totals:			<i>0.27</i>	<i>114.6</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

J. AUTHENTICATION

Field Examiner's Name

HAROLD JONES

Signature

H. C. Jones

Certification Date

Field Report Preparation Date

CONSULTANT SEAL

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

* *See attached adjustment explanation Memo. JC*

APR 25 1995

MEMORANDUM

TO: File 35-08758 / Greg Pahl
FROM: Brenda Chapman
DATE: April 3, 1995
RE: Recommendation Adjustment(s)

=====

The final licensing recommendations for the above referenced water right are based on the information below:

E. FLOW CALCULATIONS

The recommended rate has been reduced in order to not exceed an inch per acre for the 168.5 acres covered under this right. Right 35-02486 covers 168 of the acres @ 3.12 cfs; therefore, remaining rate of flow necessary to bring the coverage up to an inch per acre is .25 cfs.

G. VOLUME CALCULATIONS

Rather than recommend the volume limit according to the rate of flow recommended, it will be addressed in remarks based on overlapping rights processing procedures.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Div	Annual Vol
Irrigation	4-01 to 10-31	.25	Not listed

See items E & G.

The irrigation season dates were adjusted to the currently used Field Headgate Requirement and Season of Use chart.

APR 25 1995

35-0875-8

55

[illegible]

POTENTIAL ENERGY SAVINGS

OWNER OF PUMP: ^{G-5} JIM PAHL

PUMP I.D.: FIELD 19

DATE OF PUMP TEST: 8/9/89

	FIELD 19 (125-HP)	
	PRESENT	POTENTIAL
OVERALL PUMPING PLANT EFFICIENCY (%)	70.2	74.6
ASSUMED ELECTRIC MOTOR EFFICIENCY (%)	91.0	91.0
PUMP EFFICIENCY (%)	77.1	82.0
TOTAL VOLUME OF WATER PUMPED (ACRE-FT/YR)	568.2	568.2
PUMP DISCHARGE (GPM)	~~1542.0~~	~~1542.0~~
PUMP OPERATION (HR/YR)	2000.0	2000.0
INPUT HORSEPOWER (HP)	132.3	124.4
INPUT POWER (KW)	98.7	92.8
ESTIMATED ENERGY USE (KWH/YR):	197434.	185551.
ESTIMATED ANNUAL SAVINGS:		
TOTAL ENERGY SAVINGS (KWH/YR)*		11803.
ENERGY COST SAVINGS (\$/YR @ 2.68 CENTS/KWH)		\$ 318.99
DEMAND CHARGE SAVINGS (\$/SEASON)**		\$ 63.93
TOTAL COST SAVINGS (\$/YR)		\$ 382.92

* ENERGY SAVINGS BASED ON INSTALLATION OF NEW BOWLS DESIGNED TO DELIVER THE TESTED DISCHARGE AND PRESSURE AT 82.0% PUMP EFFICIENCY, 91.0 % MOTOR EFFICIENCY, AND AN OVERALL EFFICIENCY OF 74.6%.

** DEMAND CHARGE SAVINGS COMPUTED ASSUMING PUMP OPERATES 4.0 MONTHS PER YEAR.

MICROFILMED

AUG 21 1991

PUMP TEST SUMMARY

OWNER OF PUMP: JIM PAHL

PUMP I.D.: FIELD 19

DATE OF PUMP TEST: 8/9/89

TOTAL DYNAMIC HEAD:

- A) PUMPING WATER LEVEL 75.00 FT (WATER LEVEL TO CENTER OF DISCHARGE PIPE)
- B) HEIGHT OF PRESSURE GAUGE 1.00 FT (CENTER OF DISCHARGE PIPE TO GAUGE)
- C) FRICTION LOSS 0.50 FT (PUMP INTAKE TO GAUGE)
- D) DISCHARGE PRESSURE 70.00 PSI (161.70 FT)

TOTAL DYNAMIC HEAD (A+B+C+D) = 238.20 FT

FLOW MEASUREMENT:

- A) COLLINS METER 0.00 GPM
- B) HALL METER 1542.78 GPM
- C) ANNUBAR METER 0.00 GPM

INPUT HORSEPOWER:

KW = 133.4 AMP X 472.0 VOLTS X 0.90 PF X 1.732/1000 = 98.72

HP = 1.34 X 98.72 = 132.28

WATER HORSEPOWER:

HP = 1542.78 GPM X 238.20 TDH / 3960 = 92.80

PLANT EFFICIENCY:

EFF = WATER HP / INPUT HP X 100 = 70.15%

MICROFILMED

AUG 21 1991



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mall, Boise, Idaho 83720 -(208) 327-7900

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

DIRECTOR

October 5, 1990

Mr. Jim Pahl
2174 S 3200 W
American Falls, ID 83211

Dear Mr. Pahl:

Enclosed are the results of the tests conducted last summer on your pumps.

The purpose of these tests is to identify pumps that may be inefficient and to determine energy-cost savings that could be realized if the pumps were rebuilt to original condition or replaced with new pumps.

Included in the report are the summarized data for your 150 horsepower and two 125 horsepower pumps. Also included is a flyer listing information about our low interest loan program. The loan program is designed to help irrigators make repairs or changes to their pumping systems which will help to conserve energy and lower utility bills.

I hope you find this information useful. If you have any questions, would like more information, or would like to have more pump tests done, please feel free to contact me at 327-7984.

Sincerely,

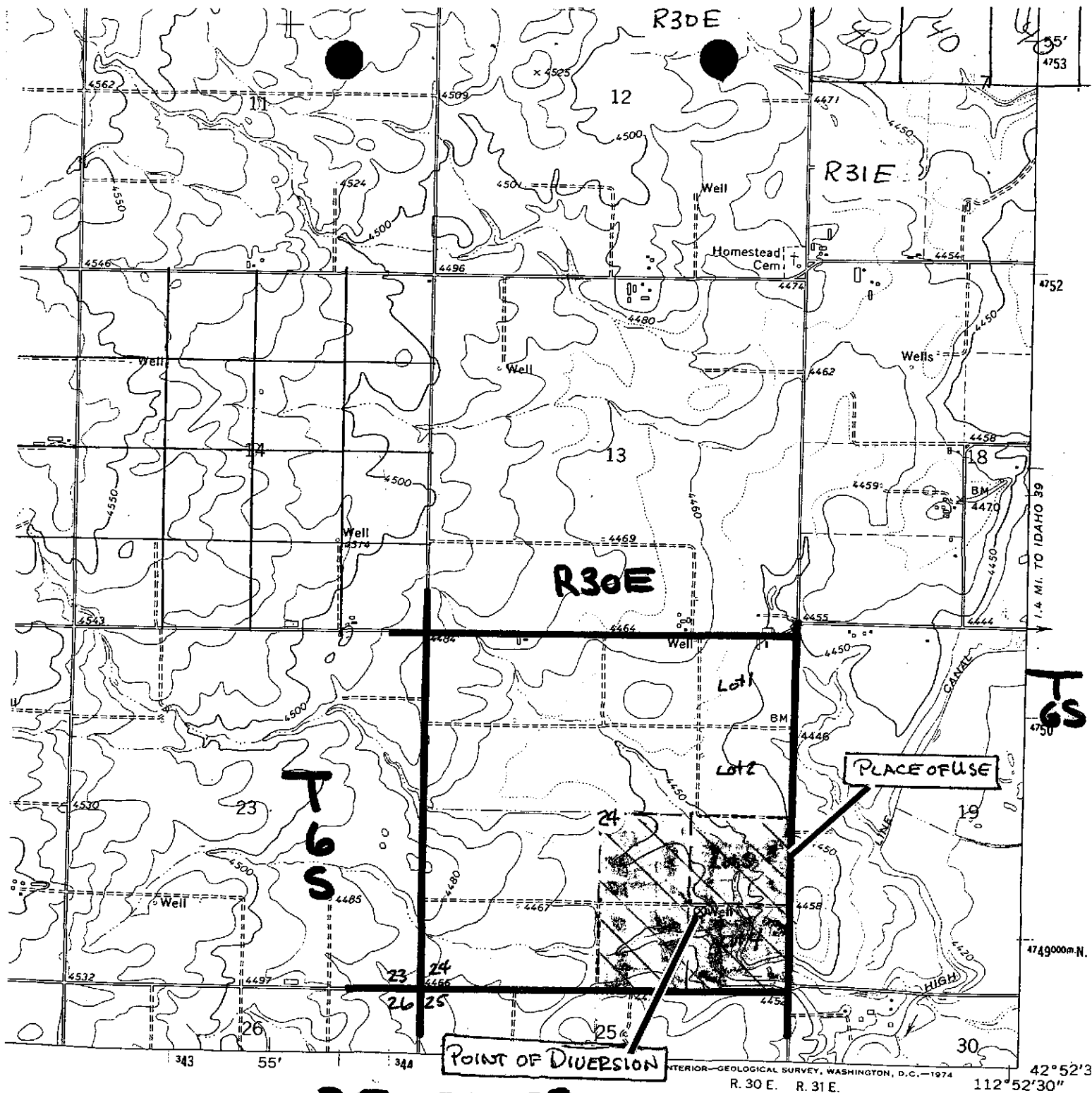
A handwritten signature in cursive script that reads "Jon Bowling".

Jon Bowling
Agricultural Engineer (EIT)

APR 25 1991

FILMED

AUG 21 1991



35-08758

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.....



AMERICAN FALLS NW, IDAHO

NW 1/4 AMERICAN FALLS 18, CHUBBINS

APR 25 1995

14 13

35-08758

23

24

35-8758

24

T2307
1879

R30E

35-8758

APR 25 1995

HEL

75.8

N

mainline

P/D

P.D.U.

W.H.E.L.

2

169.2

4

58.6

23

24

24

IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

Drilling Permit No.: 35-08758

Water Right No.: 35-08758

Owner: Greg Pahl Phone No.: 226-2718

Address: 3183 N. Pleasant Valley Rd American Falls, ID

1. Well Location: 1/4, SE 1/4, SE 1/4, Lot , Twp 6S, Rge 30E,
Sec. 24, County (provide sketch map on reverse)

2. Driller:

Is driller licensed? yes no License No.:

Date of Completion: 1950's

3. Casing size: Water tight cap? yes no

Casing $\geq$ 12 inches above ground? yes no

4. Evidence of well seal? yes no

 visual Auger to a depth of

5. Access Port: yes no Static Water Level:

Pressure Gauge: ✓ yes no Temperature:

Pressure: 100 psi

6. Flowing Artesian? yes ✓ no

Flowing: around annulus through casing

7. Are there obvious construction problems that may be a source for contamination or waste of water? yes ✓ no

Remarks:

H. C. Jones
(Agent)

5-6-92
(Inspection Date)

APR 25 1995

August 14, 1991

GREGORY LYNN PAHL
3183 N. PLEASANT VALLEY RD.
AMERICAN FALLS, ID 83211

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 35-08758

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 EASTERN Regional Office in Idaho Falls at (208)525-7161.

Sincerely,

Rita Fleck
Secretary/Records Manager

c: IDWR - Region

MICROFILMED
AUG 21 1991

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
COMMENCEMENT OF WORKS

Permit No. 35-08758
Name(s) of Permit Holder(s): GREGORY LYNN PAHL
Post Office Address: 3183 N. Pleasant Valley Rd.
Am. Falls, ID 83211 Tel. No. 208-286-2728

☒ I hereby certify that construction of diversion works for the above referenced permit began on _____ . I understand that I must
(date)
continue to develop the water system with due diligence to maintain a valid permit.

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

Diversion was already in existence. This permit is for
additional diversion to an existing permit.

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

Date

Signature of Permit Holder

G. PAUL

3183 No. Pleasant Valley RD

Am. Falls ID 83383211



IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

Department of Water Resources

RECEIVED
AUG 21 1991
MAY 23 1990



S T A T E O F I D A H O

DEPARTMENT OF WATER RESOURCES

Statehouse
Boise, Idaho 83720
(208) 327-7900
April 24, 1990

GREGORY LYNN PAHL
3183 N. PLEASANT VALLEY RD.
AMERICAN FALLS, ID 83211

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 35-08758

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.

You should be aware that the groundwater you propose to divert is located within a drainage basin where surface waters are regulated during the months of low flow. It is possible that diversion of groundwater may have an adverse impact on these surface water flows. Information available to us at this time does not warrant refusing to issue permits in your area, but we do caution that diversions of groundwater are not allowed to deplete flows available for surface water users with earlier priority dates. Siting your well as far from surface sources as possible and casing out upper water producing zones may reduce the potential of interference.

Section 42-235, Idaho Code, requires that a "drilling permit" must be obtained from the department for all wells constructed after July 1, 1987. A drilling permit is a separate permit that must be issued in addition to your permit to appropriate water. Commencement of well construction or diversion of water under your permit to appropriate water is prohibited unless a drilling permit is obtained.

Be sure to note the special condition requiring you to install a measuring device, or a flow measurement port to provide for the installation of measuring equipment by the Department. Enclosed please find a list of measuring device options, and specifications for the installation of the flow measurement port.

RECEIVED

MAY 26 1990

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

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

Sincerely,

GARY SPACKMAN, Supervisor
Water Right Permits Section

GS: SC
Enclosures

MICROFILMED

MAY 23 1990

13-Feb-1990

Gregory Lynn Pahl
3183 N. Pleasant Valley Rd.
American Falls, ID 83211

RE: Application for Permit No. 35-8758

Dear Water Right Applicant:

The Department of Water Resources acknowledges receipt of your water right permit. This office is currently in the process of advertising the application in the Morning News on March 1 & 8, 1990. The advertisement will be published for two consecutive weeks, and a period of ten days following the second publication will be allowed for the submittal of protests.

If the application is protested, you will be sent a copy of the protest. The protest must be resolved before the application is approved or denied. If the protest is not resolved voluntarily, this Department will conduct a conference and/or hearing on the matter.

If the application is not protested, it will be forwarded to our state office in about five weeks. State office personnel will conduct a complete review prior to final processing of the application and will notify you of the outcome of this review. When a permit is issued, you will be sent a copy. A typical processing time for an unprotested application is about eight weeks.

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

Sincerely,

HAROLD W. JONES
Water Rights Supervisor

HWJ/rb

INDEXED

MAY 23 1990

35-08758

PAHL, Gregory Lynn
3183 N. Pleasant Valley Rd.
American Falls, Id. 83211
Source: GROUNDWATER
Diversion Pt: LOT 4 (NWSESE), Sec. 24, T.
06S, R. 30E.
Use: IRRIGATION (.270 CFS).
Total Diversion: (.270 CFS).
Date Filed: 3/07/1989.
In: T06S, R30E, S24, Lot 3 (NESE), NWSE,
SWSE, Lot 4 (SESE).
169.5 ACRES TOTAL.

35-08759

PAHL, Jeffrey J.
P.O. Box 476
Aberdeen, Id. 83210
Source: GROUNDWATER
Diversion Pt: NWSW, Sec. 24, T. 06S, R.
30E.
Use: IRRIGATION (.980 CFS).
Total Diversion: (.980 CFS).
Date Filed: 3/02/1989.
In: T06S, R30E, S24, NESW, NWSW,
SWSW, SESW.
160.0 ACRES TOTAL.

35-08777

UNDERWOOD, Frank S.
891 N. Shilling
Blackfoot, Id. 83221
Source: GROUNDWATER
Diversion Pt: NWNWSE, Sec. 5, T. 02S, R.
34E.
Use: IRRIGATION (.200 CFS).
STOCKWATER (.020 CFS).
DOMESTIC (.040 CFS).
Total Diversion: (.200 CFS) (30.00 AF).
Date Filed: 5/10/1989.
In: T02S, R34E, S05, NWSE.
10.0 ACRES TOTAL.

35-08778

LORDS, Darrell M.
P.O. Box 282
Aberdeen, Id. 83210
Source: GROUNDWATER
Diversion Pt: SWNW, Sec. 33, T. 05S, R.
31E.
Use: IRRIGATION (.100 CFS).
Total Diversion: (.100 CFS).
Date Filed: 5/31/1989.
In: T05S, R31E, S33, NWNW, SWNW.
5.0 ACRES TOTAL.

35-08779

JACKSON, R. David
P.O. Box 578
Fort Hall, Id. 83203
Source: GROUNDWATER
Diversion Pt: SESWNW, Sec. 20, T. 03S, R.
34E.
Use: IRRIGATION (.200 CFS).
Total Diversion: (.200 CFS).
Date Filed: 5/31/1989.
In: T03S, R34E, S20, NWNW, SWNW,
NESW.
10.0 ACRES TOTAL.

35-08780

FIELDING, Gary R.
134 W. 600 N.
Blackfoot, Id. 83221
Source: GROUNDWATER
Diversion Pt: SWSW, Sec. 32, T. 01S, R.
36E.
Use: IRRIGATION (.840 CFS).
Total Diversion: (.840 CFS).
Date Filed: 5/25/1989.
In: T01S, R36E, S31, SWSE, S32, NESW,
SESW.
42.0 ACRES TOTAL.

35-08781

RAY, Jesse W.
RAY, Rosemary

Department of Water Resources
Eastern District Office

AFFIDAVIT of PUBLICATION

County of Bingham

State of Idaho

I, Ted Townsend do
solemnly

swear that I am the Publisher of
The Morning News which is a daily newspaper of
general circulation published each day except Sunday
at Blackfoot, Bingham County, Idaho, said newspaper
having been so published at Blackfoot, aforesaid for
more than one year past; that said newspaper
heretofore complied with all the provisions of Chapter
154 of the Sessions Laws of Idaho of 1933, approved
March 11, 1933, and duly designated, pursuant to law,
a particular day of the week as the day on which legal
notices required by law or by the order of any Court of
competent jurisdiction within the State of
Idaho shall be published to-wit: of each week; that the
notice attached hereto and which is a part of this af-
fidavit and part of the proof of publication was
published in said issue or said

newspaper two consecutive weeks,

the first publication having been made on the

1st day of March, 19 90:

and the last publication having been made on the

8th day of March, 19 90;

that said notice was published in the regular and entire
issue of every number of the paper as aforesaid during
the period and time of publication, and that notice was
published in the newspaper and not in a supplement.

On this 19th day of March in
the year 1990 before me a Notary Public of said State,
personally appeared

Ted Townsend
known or identified to me to be the person whose
name is subscribed to the within instrument, and being
by me first duly sworn, declared that the statements
therein are true, and acknowledged to me that he ex-
ecuted the same.

Jesse R. Rayton
Notary Public for the State of Idaho,
Residing at Blackfoot, Idaho
My commission expires
November 10, 1994

Affidavit Processing Fee \$5.00

RECORDED
MAY 23 1990

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
Eastern Region
150 Shoup Ave., Suite 15

Idaho Falls, Idaho 83402
(208) 525-7161

FEBRUARY 13, 1990

THE MORNING NEWS
P.O. BOX 70
BLACKFOOT, ID 83221

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 MARCH 19, 1990.

Yours truly,

Rita Bodell
Secretary

Encl.

MICROFILMED

MAY 23 1990

35-08758

PAHL, GREGORY LYNN
3183 N. PLEASANT VALLEY RD.
AMERICAN FALLS, ID 83211

Source: GROUNDWATER

Diversion Pt: LOT 4 (NWSESE) Sec 24 T 06S R 30E

Use: IRRIGATION (.270 CFS)
Total Diversion: (.270 CFS)

Date Filed: 3/07/1989

In: T06S R30E S24 Lot 3 (NESE) NWSE SWSE Lot 4 (SESE)
169.5 ACRES TOTAL

MICROFILMED

MAY 23 1990

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, 150 Shoup Ave., Suite 15, Idaho Falls, Idaho 83402 on or before MARCH 19, 1990.

R. Keith Higginson, Director

Published 3/01/1990 & 3/08/1990

MICROFILMED

MAY 23 1990

April 12, 1989

Gregory Lynn Pahl
3183 N. Pleasant Valley Rd.
American Falls, ID 83211

RE: Application for Permit No. 33-7187

Dear Water Right Applicant:

The Department of Water Resources acknowledges receipt of your application for water right permit. The application has been assigned the above identification number. Please refer to this number in all future correspondence.

The Department can not proceed with the processing of your application at this time. It seeks the appropriation of water within the area covered by the civil suit of Idaho Power Company vs. Idaho Department of Water Resources, et al., Ada County Civil No. 81375 (Swan Falls Suit). Until there has been a final resolution to this suit and rules and regulations promulgated for this area has been suspended. During the interim, your application will be held in this office.

The staff in our office will be glad to answer any questions you have concerning the above matter.

Respectfully submitted,

Harold W. Jones
Water Rights Supervisor
HWJ/rb

MicroFILMED

MAY 23 1990