

State of Idaho License and Certificate of Water Right

Water License No. 25634

Amount 51 second foot

Water District No.

Priority April 21, 1955

THIS IS TO CERTIFY that THE REGENTS OF THE UNIVERSITY OF IDAHO of Moscow, Idaho, made application for a permit to appropriate the public waters of the State of Idaho, dated April 21, 1955; that Permit No. 25634 was issued under said application; that Certificate of Completion of works, with a carrying capacity of 1.0 second foot, was issued thereunder on November 25, 1955, showing that said works were completed on the 23rd day of September, 1955; and that on the 27th day of April, 1956,

THE REGENTS OF THE UNIVERSITY OF IDAHO of Moscow, State of Idaho, made proof to the satisfaction of the State Reclamation Engineer of Idaho, of the right to use the waters of Paradise Creek, a tributary of Palouse River, for the purpose of irrigation under Use Permit No. 25634 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 9 of Licenses at page 5846 on the 9th day of October, 1956; The right hereby confirmed dates from April 21, 1955; The Point of Diversion is located

In the S. 14, T. 39 N., R. 6 W., B. M. Latah 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 51 cubic feet per second.

Description and location of use:

Twp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
39 N.	6 W.	12	SE 1/4 Sec. 12, Lot 1 (SW 1/4)	25.5	26

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 29th day of October, 1956.

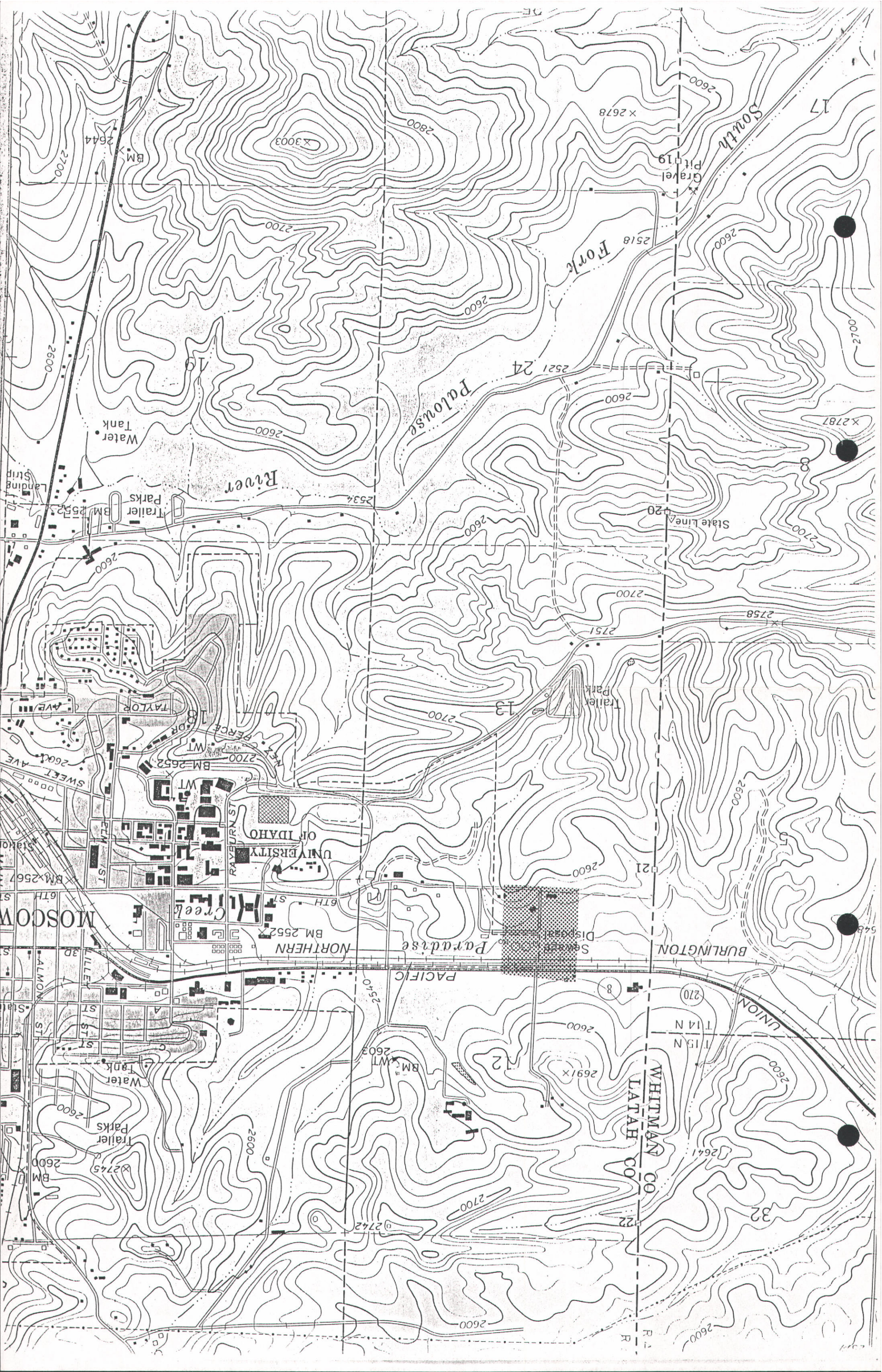
(SEAL)

MARK R. KILP

State Reclamation Engineer.

87 2014

.51 x 448 x 60 x 24 x 365 = 120,089,000 gal/yr PARADISE CREEK



State of Idaho License and Certificate of Water Right

Water License No. 26886

Amount 41 cfs

Water District No. 1

Priority May 7, 1957

THIS IS TO CERTIFY that THE REGENTS OF THE UNIVERSITY OF IDAHO of Moscow, Idaho, made application for a permit to appropriate the public waters of the State of Idaho, dated May 7, 1957; that Permit No. 26886 was issued under said application: that Certificate of Completion of works, with a carrying capacity of 0.8 second feet, was issued thereunder on May 12, 1961, showing that said works were completed on the 9th day of May, 1961; and that on the 11th day of May, 1961,

THE REGENTS OF THE UNIVERSITY OF IDAHO of Moscow, Idaho, made proof to the satisfaction of the State Reclamation Engineer of Idaho, of the right to use the waters of Paradise Creek, a tributary of Palouse River, for the purpose of irrigation, under Use Permit No. 26886 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 13 of Licenses at page 7974, on the 1st day of September, 1964.

The right hereby confirmed dates from May 7, 1957.

The Point of Diversion is located

In the SW 1/4 SW 1/4, Sec. 12, T. 3 N., R. 6 W., B. M. Latah 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 41 cubic feet per second.

Description and location of use:

Twp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
9 N.	6 W.	12	SW 1/4 (Lot 1)	23.8	12.5
			Total number of acres to be irrigated:	23.8	12.5

The right to the use of the water aforesaid hereby confirmed is restricted to 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 1st day of September, 1964.

(SEAL)

RALPH A. THOMAS
Deputy State Reclamation Engineer.

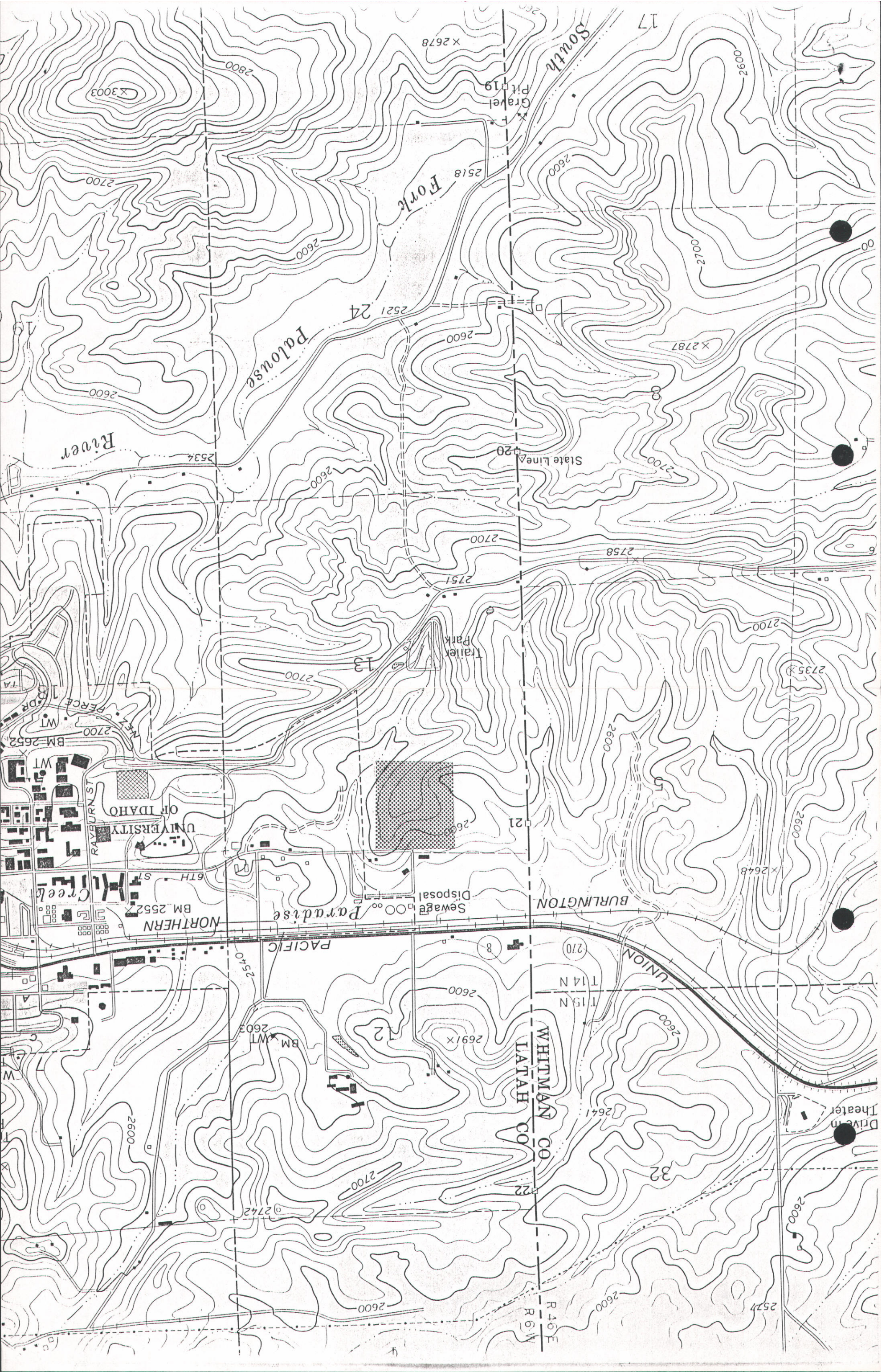
This appears to be the White Pine Forest Water right.

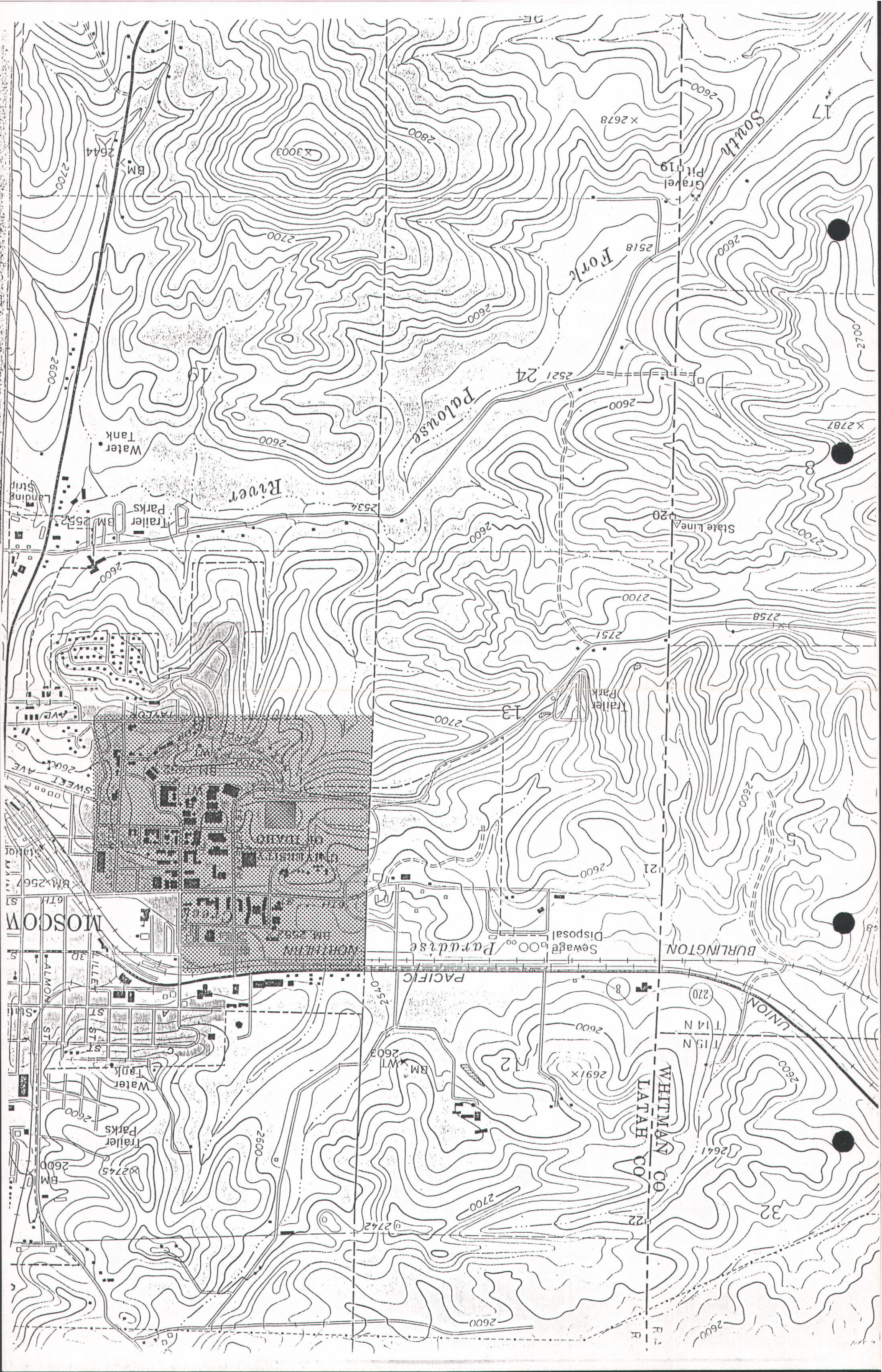
41 cfs @ .82 ft/day = 267,320 gpd = 50 V10 gal/day

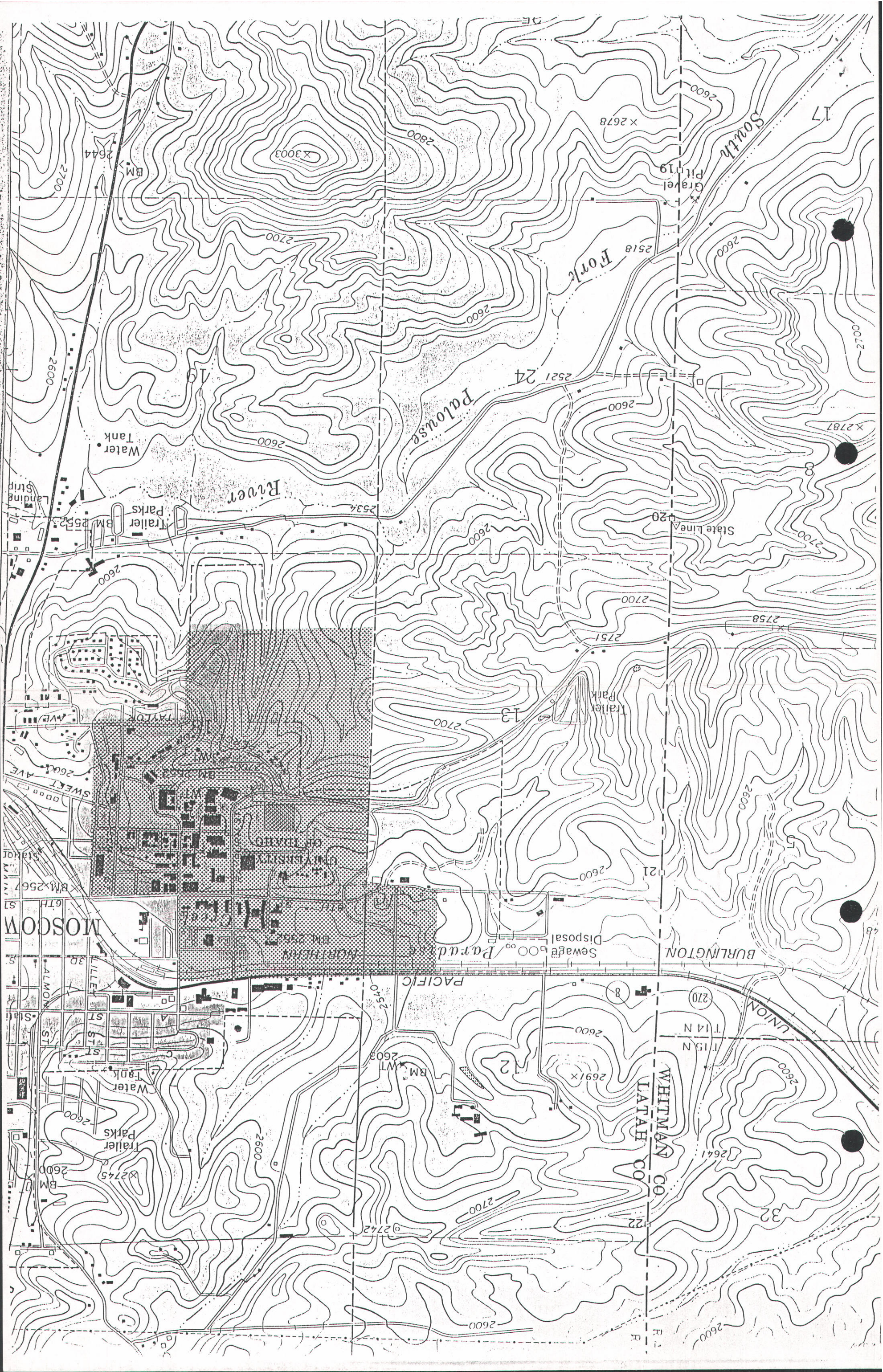
87 2018

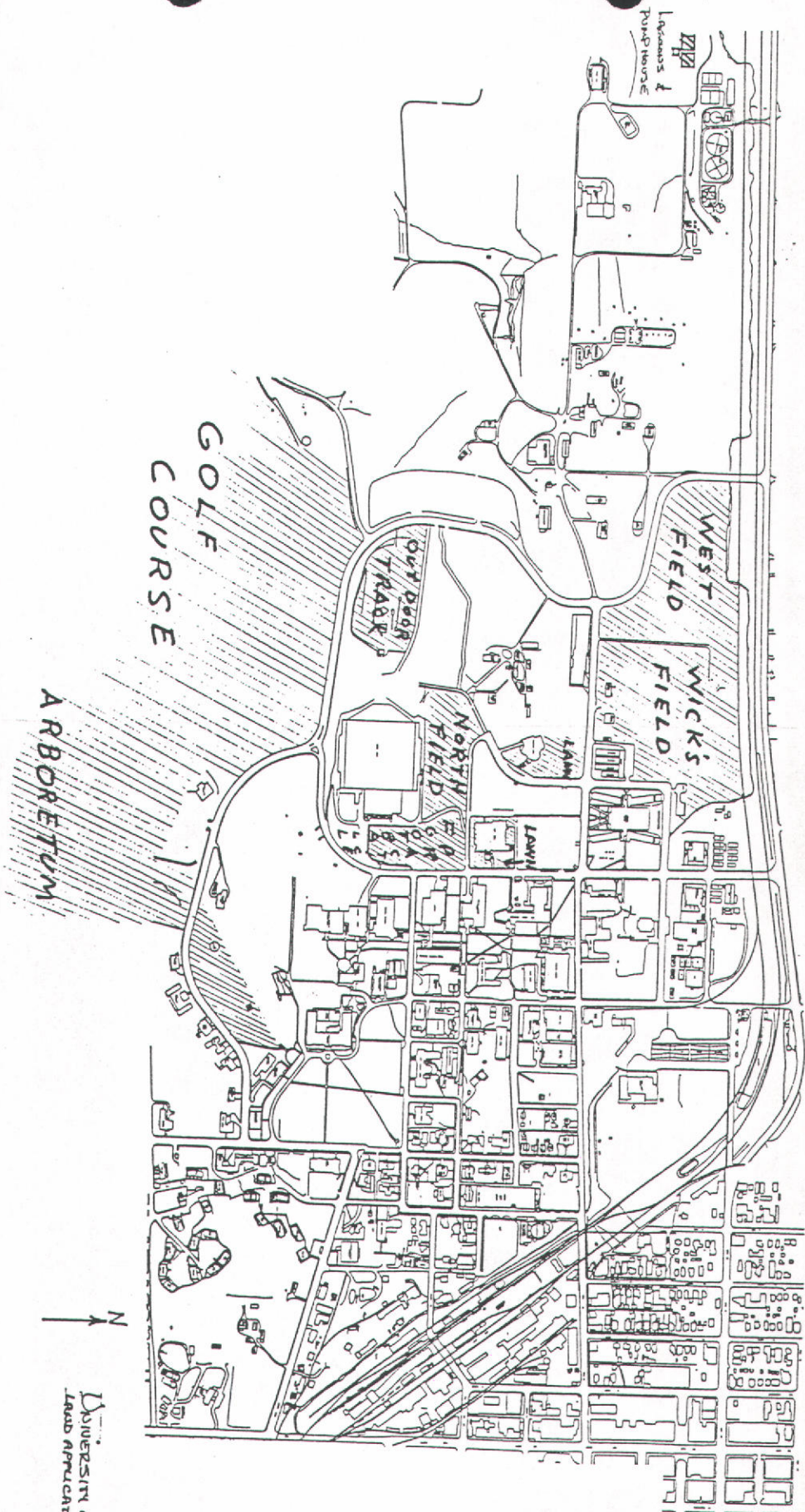
.41 x 448 x 60 x 24 x 365 = 96,542,200

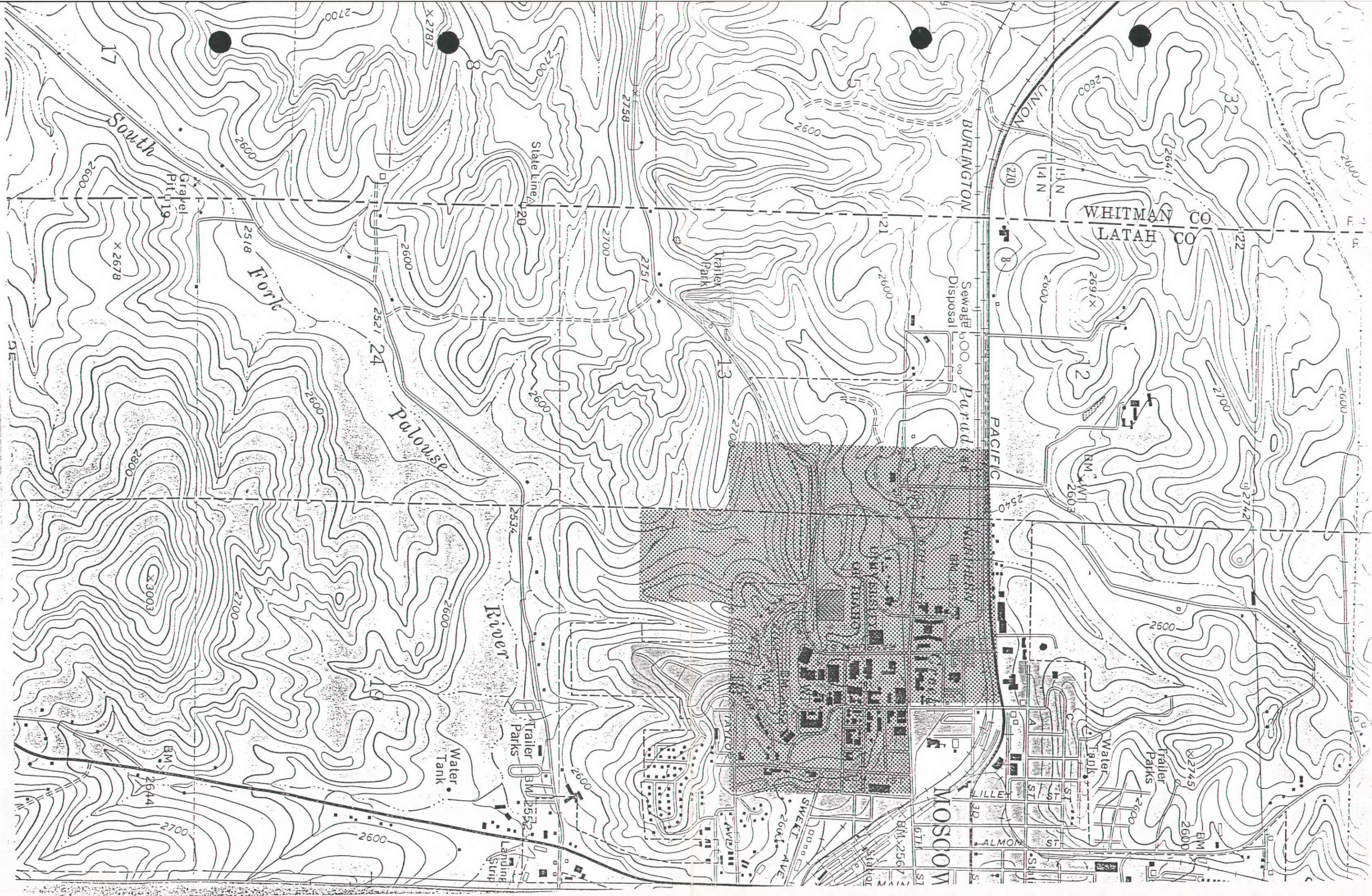
PARADISE CREEK

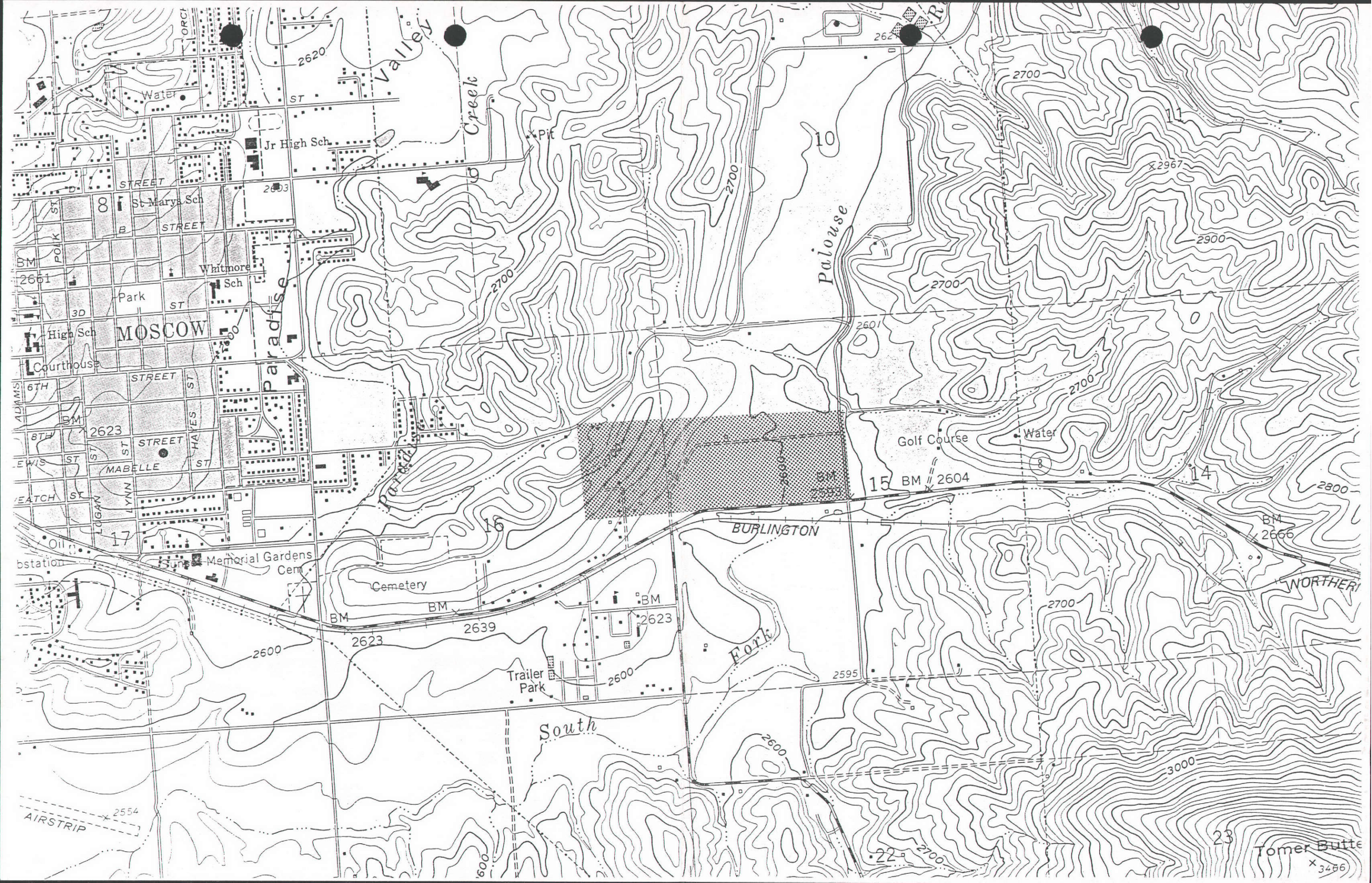












TO: STATE OFFICE

OCT-05-'90 FRI 07:22 IDWR NORTHERN REGION TEL NO: 208-885-2088

#063 P03



University of Idaho

Office of Financial Affairs
Moscow, Idaho 83843

208-885-6174

FAX 208-885-5752

October 1, 1990

Mr. Thomas A. Townsend
447 East Eight Street
Moscow, Idaho 83843

Dear Mr. Townsend:

As noted in my phone conversation with you on September 28, the University of Idaho is developing the appropriate information to respond to the request of the Idaho Department of Water Resources. Further information provided by the university will be as required by the Idaho Department of Water Resources in our effort to clarify the university's water permit status.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jerry Wallace".

Jerry Wallace
Acting Financial Vice President

cc: Robert G. Haynes, P.E.
President Elisabeth A. Zinser

TO: STATE OFFICE

OCT-05-'90 FRI 07:21 IDWR NORTHERN REGION TEL NO: 208-885-2088

#063 P02

Saxton



University of Idaho

Office of Financial Affairs
Moscow, Idaho 83843

208-885-6174
FAX 208-885-5752

RECEIVED

OCT 03 1990

NORTHERN REGION
IDWR

October 1, 1990

Mr. Robert G. Haynes, P.E.
Regional Manager, Northern Division
Idaho Department of Water Resources
1910 Northwest Boulevard
Coeur d'Alene, Idaho 83814

Dear Mr. Haynes:

Having recently become the Acting Financial Vice President at the University of Idaho, I find myself just now reminded of an agreement the university made to provide information regarding our water permits by September 1, 1990.

Obviously, we have not yet complied with that request and I apologize for any inconvenience this may have caused. I have asked that the necessary information be summarized as soon as possible. As you may have anticipated, we need some time to prepare the information in the format you have required. As soon as I can determine when we can finalize the data, I will call to discuss our timeframe.

Again, I apologize for any inconvenience. Your patience and understanding will be most appreciated.

Sincerely,

A handwritten signature in dark ink, appearing to read "Jerry Wallace".

Jerry Wallace
Acting Financial Vice President

Parkway gas (Led)

R. 5 W.

T.
30
N.

P.D. - WELL



7

Line St.

6 St.

RYBURN STREET

18

Camp's

Can allow 111 inches

222 @fs

Affidavit of Publication

STATE OF IDAHO }
County of Latah } ss.

W. T. Marinneau
being first duly sworn, on oath,
deposes and says:

That he is the printer of The DAILY IDAHONIAN, a newspaper of general circulation, printed and published daily except Sunday at Moscow, Latah County, Idaho, in compliance with Sections 60-106, 60-107, and 60-108 of the Idaho Code and the amendments thereto; that the notice of which the annexed is a full, true and correct printed copy was published in the regular and entire issues of said newspaper and not in a supplement thereto, upon the following

dates:

June 12-19-26
July 3, 1952.

the same being the dates designated for the publication of said legal notice.

W. T. Marinneau
Subscribed and sworn to before

me this 16 day of July

19 52

Sam S. Crumrine

Notary Public,
residing at Moscow, Idaho

NOTICE OF PROOF APPLICATION OF WATER TO BENEFICIAL USE

Notice is hereby given that at 10:00 A.M. on the 18th day of July, 1952, at Moscow, County of Latah, State of Idaho, before Gene Slade, Notary Public, proof will be submitted of the application to beneficial use of five cubic feet per second of the waters of a drilled well in accordance with the terms and conditions of Permit No. 22027 heretofore issued by the Reclamation Engineer of the State of Idaho.

The name and postoffice address of the person or corporation holding said permit are The Regents of the University of Idaho, Moscow, Idaho.

The use to which said water has been applied is domestic.

The amount applied to beneficial use is five second feet.

The place where said water is used is the campus of the University of Idaho at Moscow, Idaho.

The name of the canal or ditch or other works by which said water is conducted to such place of use is None.

The right to take water from such works is based upon Permit No. 22027.

The source of supply from which such water is diverted is a drilled well located 1290 ft. West and 545 ft. North from the SE corner of the SW 1/4, S7, T38N, R5W, BM.

The date of priority which said user is prepared to establish is March 12, 1951.

MARK R. KULP,
State Reclamation Engineer
4-t. June 12-19-26 July 3

9010 & 6012
2

22027

NOTICE FOR PUBLICATION
NOTICE OF PROOF APPLICATION OF WATER
TO BENEFICIAL USE

Notice is hereby given that at 10:00 A. M. on the 18th day of July, 1952,
at Moscow, County of Latah, State of Idaho, before
Gene Slade, Notary Public, proof will be submitted of the
application to beneficial use of five cubic feet per second of the waters of a drilled well
in accordance with the terms and conditions of Permit No. 22027
heretofore issued by the Reclamation Engineer of the State of Idaho.

The name and postoffice address of the person or corporation holding said permit are _____

The Regents of the University of Idaho, Moscow, Idaho

The use to which said water has been applied is domestic

The amount applied to beneficial use is five second feet

The place where said water is used ~~(if for irrigation, give full and accurate description of the lands irrigated)~~

is the campus of the University of Idaho at Moscow, Idaho

The name of the canal or ditch or other works by which said water is conducted to such place of use is _____

None

The right to take water from such works is based upon Permit No. 22027

The source of supply from which such water is diverted is a drilled well located

1290 ft. West and 545 ft. North from the SE corner of the SW 1/4, S7, T39N, R5W, BM.

The date of priority which said user is prepared to establish is the March 12, 1951 July 1952
~~xxxxxxxxxxxxxxxxxxxxxxxx~~

MARK R. KULP

State Reclamation Engineer.

Gene Slade
24 May 52

22027

Permit No. 22027

Application for Extension of Time

FOR COMPLETION OF WORKS

The Regents

of The University of Idaho

State of Idaho

, being first duly sworn, upon his oath deposes and says:

He is the owner and holder of Permit to Appropriate the Public Waters of the State of Idaho

No. 22027

Under the terms and conditions of said permit, construction work thereunder was required to be completed by April 14, 1952

That he has heretofore performed the following work described under said permit

1. Well drilled and cased to a depth of 355 feet. Casing Diameter 20"
2. Concrete Pumphouse constructed over well - approximately 90% completed
3. Pump controls and chlorinator purchased but not installed.
4. 1000 G.P.M. Pump and Motor starter purchased but not installed.
5. 1750 ft. of 10" C.I. water main installed from existing main to well site

costing \$ 49,500.00

That he is unable to complete the remainder of the work within the required time, for the following reasons, to-wit:

The well driller encountered an extremely hard rock condition which delayed the completion of the drilled well. Due to the hard rock condition and other well drilling problems, the completion of the drilled well was delayed 2 years.

Since the completion of the drilled well, inclement weather has delayed the completion of the deep well pump and other work in conjunction with the project.

WHEREFORE, He asks that the Commissioner of Reclamation extend the time for the completion of works under said permit to September 1, 1952

The Regents of the University of Idaho
by Kenneth A. Dick, Bureau & authorized agent.

Subscribed and sworn to before me this 28th day of March, 1952

Notary Public.

My commission expires 20 September 1953

Date of receipt at office of Department of Reclamation March 31, 1952

STATE RECLAMATION ENGINEER
APPROVAL OF COMMISSIONER OF RECLAMATION

I, Mark R. Kulp

State Reclamation Engineer

Commissioner of Reclamation of the State of Idaho, hereby extend the time for the completion of construction work under Permit to Appropriate the Public Waters of the State of Idaho, No. 22027 to

September 1, 1952

Witness my hand this 1st day of April

1952

Mark R. Kulp
State Reclamation Engineer

22027

State of Idaho
License and Certificate of Water Right

Water License No. 22027 Amount 2.22 second feet
Water District No. Priority March 12, 1951

THIS IS TO CERTIFY that THE REGENTS OF THE UNIVERSITY OF IDAHO
of Moscow, Idaho, made application for a permit to appropriate the
public waters of the State of Idaho, dated March 12, 1951; that Permit No. 22027
was issued under said application; that Certificate of Completion of works, with a carrying capacity of
Five second feet, was issued thereunder on June 9, 1952, showing that said works
were completed on the 2nd day of June, 1952; and that on the 18th
day of July, 1952,

THE REGENTS OF THE UNIVERSITY OF IDAHO
of Moscow, 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
~~tributary of~~ (subterranean flow), for the purpose of domestic water supply
, under Use Permit No. 22027 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
8 of Licenses at page 5026, on the 20th day of November, 1952;
The right hereby confirmed dates from March 12, 1951;

The Point of Diversion is located
in the SE 1/4 SW 1/4, Sec. 7, Tp. 39 N., R. 5 W., B.M. Latah 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 2.22 cubic feet per second.

Description and location of use:

Twp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
			University Campus at Moscow, Idaho.		

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
20th day of November, 1952.

(SEAL) Deputy E. N. Humphrey
State Reclamation Engineer

State of Idaho
License and Certificate of Water Right

Water License No. 22316
Water District No.

Amount 0.2 second foot
Priority August 18, 1951

THIS IS TO CERTIFY that PAYMASTER, INC.
of Kellogg, Idaho, made application for a permit to appropriate the
public waters of the State of Idaho, dated August 18, 19 51 ; that Permit No. 22316
was issued under said application; that Certificate of Completion of works, with a carrying capacity of
0.5 second foot, was issued thereunder on February 11, 19 52, showing that said works
were completed on the 4th day of February, 19 52 ; and that on the 10th
day of April, 19 52,
PAYMASTER, INC.
of Kellogg, State of Idaho, made proof to the satisfaction of the
State Reclamation Engineer of Idaho, of the right to use the waters of North fork
Cottonwood, tributary of Creek, for the purpose of mining, milling and dom-
estic use, under Use Permit No. 22316 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
8 of Licenses at page 5025 on the 20th day of November, 1952 ;
The right hereby confirmed dates from August 18, 19 51 ;
The Point of Diversion is located
in the NW 1/4 NW 1/4, Sec. 30, Tp. 2 N., R. 24 E., B. M. Blaine 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 0.2 cubic foot per second.

Description and location of use:

Twp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
			At the portal of the Paymaster mine in the SE 1/4 NE 1/4 Section 25, Township 2 North, Range 23 East, B.M'		

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

20th day of November, 19 52 .

(SEAL)

E. N. Humphrey
Deputy State Reclamation Engineer

N^o 22027
87-2005

APPLICATION FOR PERMIT
To Appropriate the Public Waters of the State of Idaho

APPLICATION No. 29708
PERMIT No. 22027
DISTRICT No.

1. Name of Applicant: THE REGENTS OF THE UNIVERSITY OF IDAHO

Postoffice address: Moscow

County: Latah

State: Idaho

I. If applicant is a corporation, give:

- (a) Date and place of incorporation:
- (b) Amount of capital stock:
- (c) Amount paid in:
- (d) Names and addresses of directors:

II. The financial resources of the applicant are:

- (b) Treasury stock:
- (d) Other resources:

(a) Cash on hand:

(c) Bonds to be issued:

2. Quantity of water claimed: Five (5)

cubic feet per second. (2245 g.p.m.)

3. Source of water supply: Drilled well

which is a tributary of

4. Location of point of diversion: 1290 ft. W. and 545 ft. N. ~~feet distant~~ from the Southeast corner of the SW $\frac{1}{4}$

of Section 7, T. 39 N., R. 5 W., B.M., and is in the SE $\frac{1}{4}$ SW $\frac{1}{4}$

of Section 7, T. 39 N., R. 5 W., B.M., County of Latah

5. Water is to be used for Domestic water to augment present system on U. of I. Campus

6. If for mining, milling, power or manufacturing purposes, give:

system at intersection of Rayburn and Idaho Sts.

(a) Point of use of water: Existing / feet distant from corner of Section

T. , R. , B.M., in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 18, T. 39 N., R. 5 W., B.M.

(b) Amount of power generated:

H.P., under

feet head.

(c) Water is to be returned to

at a point

feet

distant from the

corner of Section

, T.

, R.

, B.M., in the

of Section

, T.

, R.

, B.M.

7. Estimated cost of works: \$ 55,600.00

8. Kind of works: Drilled well, pump and pipe line

9. Height of dam

feet; length of dam at top

feet; length of dam at bottom

feet; material used in dam:

10. Size of headgate: Width

feet; height

feet.

11. Ditch: Width at bottom

feet; width at water line

feet; depth of water

feet;

dimensions of flume:

Diameter of pipe 10

inches; length of conduit 1750 ft.

miles.

Average grade per mile

feet.

12. The time required for the completion of such work is One

years.

13. The time required for the complete application of the water to the proposed use is None

additional years.

14. The land to be irrigated is described in the following tabulation: See remarks.

15. Existing water rights and/or valid permits appurtenant to the lands to be irrigated are:

- BE IT KNOWN THAT The undersigned hereby makes application for permit to appropriate the public water of the State of Idaho as herein set forth.

By Kenneth A. Dick, Bursar Agent.

Corrected application received: April 9, 1951

WITNESS My hand this 14th day of April, 1951

STATE OF IDAHO

By LEN JORDAN Governor.

14.

Twp.	Range	Sec.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				Totals
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	
			APPROVAL OF STATE RECLAMATION ENGINEER I, Mark R. Kulp, State Reclamation Engineer of the State of Idaho, hereby extend the time for the completion of construction work under Permit to Appropriate the Public Waters of the State of Idaho, No. 22027 to September 1, 1952. Witness my hand this 1st day of April, 1952. MARK R. KULP State Reclamation Engineer CERTIFICATE OF COMPLETION OF WORKS TO ALL WHOM IT MAY CONCERN: This is to certify that THE REGENTS OF THE UNIVERSITY OF IDAHO of Moscow, County of Latah, and State of Idaho the holders of Permit No. 22027, issued upon Application No. 29708 bearing date of priority of March 12, 1951, for the diversion of Five (5) second feet of the waters of a drilled well (subterranean flow) County of Latah, State of Idaho for domestic water supply purposes, have fully complied with the provisions of the laws of the State of Idaho requiring the proof of completion of the works of diversion set out and described in said Permit; that said works are adequate for diverting and conveying to the place of intended use Five (5) second feet of the waters of said well; that the position of said waters is 1290 feet West and 545 feet North from the Southeast corner of the Southwest Quarter of Section 18, Twp. 39 North, Range 5 West, B.M., and in the SE$\frac{1}{4}$ SW$\frac{1}{4}$ of said Section 7; and that the place of use of said waters is in Section 18, Twp. 39 North, Range 5 West, B.M. Witness my hand this 9th day of June, A. D. 1952. MARK R. KULP State Reclamation Engineer Proof of completion of works made June 2, 1952. Certificate of completion of works issued June 9, 1952.																

ISSUED FOR 2.22 SEC. FT.
p. 5026

RECEIVED

JUN 23 1993

Department of Water Resources

December 29, 1992

Mr. Ken Hall
University of Idaho
Physical Plant
Moscow, ID 83843

Re: License 22027/87-02005

Dear Ken:

I am enclosing a copy of a letter that the department received from Tom Townsend. The part of his letter pertinent to this correspondence is in the first paragraph relating to IDWR License 22027/87-02005. Tom suggests in his letter that this license should be cancelled for nonuse. Idaho Code 42-222(2) provides that any water right may be considered forfeited by a failure for a period of five years to apply water to the beneficial uses for which it was appropriated. Idaho Code 42-350 provides the mechanism for the department to formally cancel previously licensed rights.

Before the department takes any formal action, we would like to obtain the response of the university regarding the nonuse.

If you have questions, please contact me,

Sincerely,

ROBERT G. HAYNES, P.E.
Regional Manager

c: Tom Townsend

10 December 1992

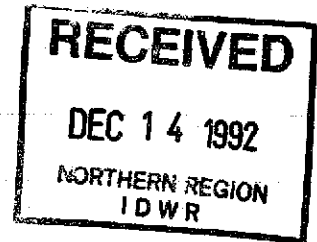
Mr. Robert Hynes, P.E.

Regional Manager, Northern Region

Idaho Department of Water Resources

1910 Northwest Blvd, Suite 210

Coeur d'Alene, Idaho 83814-2615



RE: Water Right Profile Reports, University of Idaho

Dear Bob,

The following comments and recommendations on existing UI water rights are based on a review of IDWR generated Water Right Profile Reports:

- a. WR 87-02005. Water right (license) should be withdrawn as it has not been exercised by the owner (UI) since 1966 as noted in the application for WR 87-07141. Mention is also made of the non-use in para. 9 of the Director's Findings of Fact and para. 1 of the Order signed 19 January 1990.
- b. WR 87-02014. A diversion volume (AVA) should be established by IDWR for this license based on previous use history since 1957.
- c. WR 87-02017. Same recommendation as b.
- d. WR 87-02018. Same recommendation.
- e. WR 87-02031. This license report should be annotated for public use to show it has been combined with WR 87-07012 under a new right: WR 87-07158.
- f. WR 87-07012. Same recommendation as e. above.
- g. WR 87-07026. This license report should be annotated for public use to show it has been included within new WR 87-07162.
- h. WR 87-07141

1. Diversion volume of 147.3 AVA as directed by the memorandum Decision and Order of 1/19/1990 should be noted in the profile report.

2. The point of diversion: T39N R06W S12 SWSE appears to be a typo since it was not part of the approved application.

i. WR 87-0756. Diversion volume (AFA) should be established by IDWR.

I think the University has done a good job in cleaning up the WR paperwork, as well as IDWR of course. There are a couple of other points I believe worth mentioning. The designator of use "research" should be included in the IDWR vocabulary since the University has the need to separate that particular use from other uses on the basis of water quality! non-chlorination etc. for certain projects.

Noted in WR 87-0758 was a substantial change in the acreage irrigated from the earlier WRs which were combined to form this newer right. A change in the place of use and acres irrigated is understood; however, it is confusing to read the older rights combined are shown as "other rights" with this right. A person unfamiliar with this amendment, if that is what it is, might assume this data is cumulative rather than specific in the newer right.

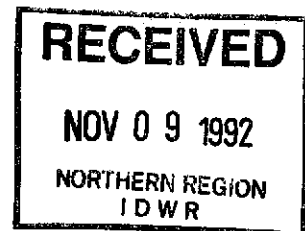
Lastly, I would note that a number of the older water rights described in the Profile Report were not in the system back in 1989 when I received an initial batch of these reports. These were basically surface water and waste water rights and perhaps were categorized differently than ground water permits.

Regards,
Tom Tamm

447. E. 8th Street
Moscow, Idaho 83843

November 6, 1992

THOMAS A. TOWNSEND
447 EAST EIGHTH STREET
MOSCOW, IDAHO 83843



Mr. Jerry Wallace
Financial Vice President
Office of Financial Affairs
University of Idaho
Moscow, Idaho 83843

Re: AQUACULTURE RESEARCH FACILITY WATER USE

Dear Mr. Wallace:

The University of Idaho press release of 23 October 1992 came as no surprise and it is to the subject of that release I address these comments.

The failure of the aquaculture facility shallow well while no doubt disconcerting to the University was not totally unexpected. The haste and lack of coordinated planning in getting the facility on line may well have contributed to the current status.

The real failure in my view is the continued inability of the University to live up to its commitments to the region concerning utilization of high grade water resources from the aquifer and the failure to level with the public and the Pullman-Moscow Water Resources Committee (P-MWRC) on University water usage, especially that of the Aquaculture Research Facility.

The University, when applying for the water right for the new well, requested the State of Idaho allocate 1,085 acre feet per year or 353.52 million gallons of water for use of that facility. That request was grossly in excess of anticipated needs and was scaled back in the Memorandum Decision and Order to 147.3 acre feet per year or 47.99 million gallons per year.

That allocation was still high by my calculations, however, I did not challenge the IDWR decision since the given alternative use of deeper level water was a less desirable option in my view and was not in keeping with the already agreed upon Resolution of Understanding.

As you will recall the Resolution of Understanding, as signed by the University, confirmed the will of the signatories to move forward in management and protection efforts for the aquifer. One section said it would "serve to avert the overuse of quality ground water resources within the basin."

It was my impression and that of the Pullman-Moscow Water Resources Committee that the operation of the Aquaculture Research Facility was based on the 100% usage of water drawn from the new 300 foot well as permitted by IDWR Permit 87-07141.

Wallace
November 6, 1992
Page 2

As time progressed the P-MWRC completed its management plan and the Committee graciously allowed the University to include the new 48 MGY allocation as part of the baseline five year moving average pumpage for 1% control purposes.

The press release stated you said, "Our objective is for the shallow aquifer well we drilled for the lab to be the primary source of supply for that building, but frankly, the shallow aquifer well yields about a third of the water to support the on-going research."

The figures you provided me show a CY91 usage of 2.95 MGY and CY92 of 4.37 MGY from the new shallow well in support of the Aquaculture Facility.

Considering that the University Department of Facility Planning stated in October, 1989, that "the initial research project will require 40 MGY of high quality makeup water delivered to the lab . . ." the usage reported is far less than the "third" you mentioned.

If the design requirements range between 40 MGY and 48 MGY of shallow well water it means that the facility has been augmented by some 45.05 MGY-35.63 MGY of high quality resource over the past two years without public knowledge of this use.

These are not massive amounts, however, the use of high quality deeper resource without consultation with the P-MWRC or subsequent public knowledge of this switch is of concern to this citizen. The basic agreement was to use shallow level resource for the Aquaculture Facility. This agreement seems to have been unilaterally abrogated by the University although the rationale for the augmentation seems natural and understandable.

I fail to understand why the University did not make the problem with the shallow well known as it became non-supportive. To operate the facility for two seasons under false colors seems counterproductive in terms of credibility and institutional honesty.

I am also concerned that the University was not reporting the pumpage of the Aquaculture Facility to the M-PWRC as an integral part of the management program and required my formal request for pumping data from you personally.

Wallace
November 6, 1992
Page 3

As the year draws to a close I shall be interested in how the adjusted records of water use by the University tally with the statements of the noted press release.

Regards,

A handwritten signature in black ink, appearing to read "Thomas A. Townsend", with a stylized flourish at the end.

Thomas A. Townsend

TAT:alc

cc: President Elizabeth Zinser, University of Idaho
Mr. James Hudak, Chairman, P-MWRC, with enclosures
Mr. Robert Haynes, IDWR, Coeur d'Alene, with enclosures
Mr. George Bloomsburg, Executive Secretary, P-MWRC. with enclosures

Encl: University of Idaho Press Release of 23 October 1992



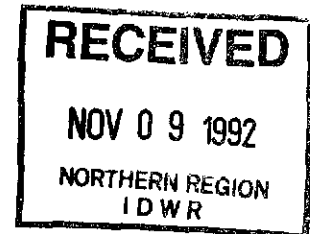
State of Idaho
DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000
Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

November 4, 1992



Thomas Townsend
447 East Eighth Street
Moscow, Idaho 83843

Dear Tom:

Attached is a listing of the dates and locations for the public information meetings held as the moratorium was entered on new appropriations from the Salmon and Clearwater River Basins. Because these were public meetings and not hearings, the department did not take formal testimony and did not keep a record of the discussions.

Relative to your second letter which concerned ground water use by the University of Idaho, I have asked Bob Haynes to look into the matters you discussed and give me a report. I will respond to you when I have his information.

Sincerely,

NORMAN C. YOUNG
Administrator
Resources Administration Division

NCY:dc

cc. Bob Haynes

THOMAS A. TOWNSEND
447 EAST EIGHTH STREET
MOSCOW, IDAHO 83843

19 OCTOBER 1992

Mr. Norman Young
Administrator, Resources Admin Div.
Idaho Department of Water Resources
Statehouse Mail
Boise, Idaho 83720

RECEIVED

OCT 22 1992

Department of Water Resources

Dear Norm,

Thank you for the moratorium order and related papers. Need a couple of more items: ⁽¹⁾ A listing of the locations where public hearings were held, date etc. - (2) If public testimony was taken at the hearings did the Lewiston Orchards Irrigation District make a presentation? If so, would appreciate a copy of their testimony if written and the gist of their testimony otherwise.

Thanks,
Tom Townsend

October 23, 1992

News



News Bureau / Moscow, Idaho 83843 / Phone (208) 885-8291

UI WATER USAGE DOWN DESPITE RAPID GROWTH

The amount of water the University of Idaho uses on an annual basis is dropping, despite record growth on campus and installation two years ago of the UI Aquaculture Laboratory.

UI Financial Vice President Jerry Wallace said today net pumpage by the university from the deep aquifer in 1991 - the first year of the lab's operation - increased by less than 1 percent.

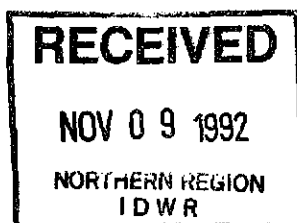
"Our records show that so far in 1992, net pumpage has actually decreased by more than 6 percent when compared to 1991," Wallace said.

"Our concentrated efforts to reduce the amount of water the university pumps from the deep aquifer are paying off, especially when you consider the amount of growth we've experienced in the past few years," he said. "We've been sensitive to our commitments to avoid a net increase in deep aquifer pumpage as a result of bringing the aquaculture lab on line and at the same time attempt to limit annual total aquifer increases to 1 percent.

"Anticipating that growth in many areas of campus could cause us to exceed those goals, we accelerated development of our ability to use more effluent water for irrigation. Bringing that capability on line earlier than previously planned has made the difference," Wallace said.

In a progress report requested by UI President Elisabeth A. Zinser on the aquaculture lab's operations, Wallace acknowledged, however, the university has not yet been able to accomplish all of the goals concerning water usage outlined for the aquaculture lab at the outset of the project.

"I want to emphasize that we are in compliance with all federal and state regulations governing the lab," Wallace said. "We still are working though, on meeting our own tougher standards on water usage."



MORE (

Post-It™ brand fax transmittal memo 7671		# of pages 1
To Kara Horton	From Kathy Bernier	
Co. Daily News	Co.	
Dept.	Phone #	
Fax # 882-8205	Fax # 882-5841	

WATER USAGE-2

He said the aquaculture lab still requires drawing from the deep aquifer to a greater extent than planned. "Our objective is for the shallow aquifer well we drilled for the lab to be the primary source of supply for that building, but frankly, the shallow aquifer well yields about a third of the water to support the on-going research," Wallace said. 

The UI College of Mines and Earth Resources was asked to conduct a study and has recommended drilling a new well into the deeper, more productive sand-bearing strata of the shallow aquifer. The financial vice president said university officials intend to have that well drilled and operating by April '93.

Currently, the aquaculture lab is closed. It operates on a seasonal basis.

Wallace said UI scientists also are refining techniques for recharging the aquifer. One research project underway indicates that direct injection of purified water into the shallow aquifer may be a promising new recharge technology.

"We are well aware of the commitments and high standards we set for ourselves and are disappointed about falling short of meeting some of these operational goals," Wallace said. "However, our overall reduction in water usage is something we're very proud of, and we do have concrete plans to remedy the challenges that remain. We will continue working to meet all of the goals we set for ourselves."

More information about water usage on campus is available by contacting Wallace, telephone (208) 885-6176.

THOMAS A. TOWNSEND
447 EAST EIGHTH STREET
MOSCOW, IDAHO 83843

19 October 1992

Mr. Norman Young
Administrator, Resources Admin. Div.
Idaho Department of Water Resources
1301 N. Orchard Avenue / Statehouse mail
Boise, Idaho 83720

RECEIVED

OCT 22 1992

Department of Water Resources

RE: Unused University of Idaho Water Right(s)

Dear Norm,

Water right license 87-02005 has not been used by the University since 1966. "Use was discontinued because of water quality and because the well pumped sand which destroyed the equipment". Quote is from UI's application 87-07141; item 12, remarks.

Seems to me this license should be terminated for non-beneficial use by IDWR. It serves no purpose and distorts the water rights report.

Water right permit 87-07141 is noted in the Water Right Profile Report as having an approved diversion rate of 1.50 cfs and no authorized diversion volume.

The Memorandum Decision and Order of 19 January 1990 established an annual authorized volume of 48 million gallons or 147.3 acre feet per year. The IDWR Profile Report should be amended to reflect the authorized diversion volume.

Also while talking about permit 87-07141 it should be noted by IDWR that the original request by the University was for 1.5 cfs and 1085 AFA.

THOMAS A. TOWNSEND
447 EAST EIGHTH STREET
MOSCOW, IDAHO 83843

Given the experience to date it seems that not only don't they need more diversion there is some question as to why the University requested such a large volume in their original application.

At the time I asserted their request was speculative and my belief in that assertion remains.

The question in my mind is what action may be taken now. The University has until 1 February 1995 to perfect the application of water under this permit to beneficial use. At the moment only 6.14%-9.11% of the allocation is being put to beneficial use.

I certainly don't favor giving them a larger diversion and am very concerned that after a contested hearing the applicant is unable to beneficially use even a small portion of a mandated reduction.

Would appreciate you taking a look at this situation and seeing what can be done under the circumstances.

Lastly, The Findings of Fact, paragraph 9 notes two UI wells, No. 1 and No. 2, not used since 1965. The Order, paragraph 1 makes note that "it is probable that the rights of the University to divert shallow aquifer water from wells No. 1 and No. 2 have been forfeited due to nonuse--". I assume license 87-02005 is either well No. 1 or No. 2. Seems as if IDWR should purge both the rights of these wells for non-use (I.C. 42-222(2))

Regards,

Tom Townsend

THOMAS A. TOWNSEND
447 EAST EIGHTH STREET
MOSCOW, IDAHO 83843

This request, following the hearing, was amended to an authorized volume of 48 MGY or 147.3 AFA.

The actual use in calendar year 1991 as reported by the University was 2.95 MGY and in CY 1992 through September 25th was 4.37 MGY. These diversions are far below the diversion originally sought by the University and are less than 10% of the volume allowed by the Director after the application was protested.

While I am pleased to see less water being reported used I am of the view that the University is using deep aquifer resource to augment the well drilled in the shallow/upper aquifer as per the rationale given in the original application. The design capacity of the Aquaculture Research Facility is 150 gpm and the reported water use of 2.95 MGY - 4.37 MGY doesn't seem to work out.

For reasons unknown the University has not been reporting the water pumped under this permit even though the Pullman-Moscow Water Resources Committee allowed them to add the new 48 MGY allocation to their base line use figure for 10% computations.

My reading of the Memorandum Decision and Order, particularly Paragraph 4 of the Order, page 9, leads me to believe the Director expected the University to utilize 48 MGY for at least two years at which time the UI could request additional diversion authority if needed.

University of Idaho

Office of Financial Affairs
Moscow, Idaho 83843

208-885-6174
FAX 208-885-5752

RECEIVED

NOV 09 1992

**NORTHERN REGION
IDWR**

October 5, 1992

Mr. Thomas A. Townsend
447 East Eighth Street
Moscow, Idaho 83843

Dear Mr. Townsend:

In response to your request dated October 1, 1992, monthly pumpage data which the university has on file for the aquaculture facility well for the period May 1991 through September 1992 are appended.

Sincerely,



Jerry Wallace
Financial Vice President

AQUACULTURE WELL USAGE CY 91

DATE	Gallons from Shallow Aquifer	Gallons YTD Shallow Aquifer
09-Jul-91	857,800	857,800
16-Jul-91	195,300	1,053,100
23-Jul-91	213,700	1,266,800
30-Jul-91	166,000	1,432,800
06-Aug-91	201,400	1,634,200
13-Aug-91	146,900	1,781,100
20-Aug-91	243,700	2,024,800
27-Aug-91	213,100	2,237,900
04-Sep-91	226,400	2,464,300
10-Sep-91	122,200	2,586,500
17-Sep-91	182,800	2,769,300
24-Sep-91	181,000	2,950,300
01-Oct-91	0	2,950,300

Laboratory shut down for the season on Monday, September 23, 1991

CY 92 Water Consumption

Shallow Aquifer (Aquaculture Well):

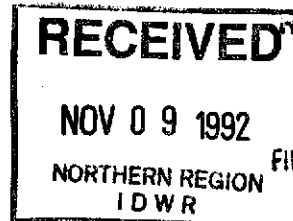
DATE	TIME	PREVIOUS READING	PRESENT READING	USEAGE (gallons)
03-Jun-92	09:00 AM	0	1750620	1,750,620
23-Jun-92	09:00 AM	1750620	2375570	624,950
13-Jul-92	02:00 PM	2375570	3043450	667,880
24-Aug-92	10:00 AM	3043450	4130610	1,087,160
25-Sep-92	09:30 AM	4130610	4375640	245,030

sub-total (aquaculture well)				4,375,640
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THOMAS A. TOWNSEND
447 EAST EIGHTH STREET
MOSCOW, IDAHO 83843

1 October 1992

Mr. Jerry Wallace
Vice President for Financial Affairs
University of ~~Moscow~~ IDAHO
Moscow, Idaho 83843



RECEIVED

OCT 2 1992

FINANCIAL AFFAIRS

RECEIVED

OCT 2 1992

HUMAN RESOURCES AND
RISK MANAGEMENT

SUBJ: Request for Water Pumping Data.

Ref: (a) Don Husky letter of 25 September 1992

Dear Mr. Wallace,

Reference (a) suggested I contact you as the official custodian of University records regarding pumping data for the Agriculture Facility well, permit # 87-7141.

I would like to receive the monthly pumpage data for that well for the period May 1991 through September 1992.

Earlier I had mentioned to Dr. George Bloomsburg, the Executive Secretary of the Pullman-Moscow Water Resources Committee, that I assumed the volumes at the Agriculture well are included in the pumpage data for all users collected as part of the Interagency Agreement. I was assured it was included in the UI monthly total; however, more recently Dr. Bloomsburg says it is not. That seems rather odd to me since UI's 19% base line includes the 48 m³ allowed by the permit; however, that issue is more properly the business of the committee than yourself.

As the data is a public record I assume you will have no problem in making them readily available.

CC: Pullman-Moscow WR Committee.

Regards,

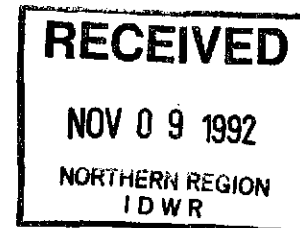
Thom A. Townsend

Arboreta Management
Business Administration
Design and Construction
Events Management
Maintenance and Operations
Plant Engineering

University of Idaho
Department of
Facilities Management
Moscow, Idaho 83843

September 25, 1992

Tom Townsend
447 East Eighth Street
Moscow, Idaho 83843



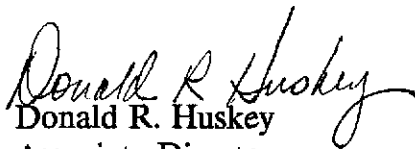
RE: Request for Data

Dear Mr. Townsend

Mike Finkbeiner, the Work Center Coordinator, relayed your telephone request for information on the Aquaculture well pumping records.

Please request the information you want in writing from the Office of Vice President for Financial Affairs who is the official custodian of the requested records. I do not have the authority to approve release of the records.

If I can be of further assistance please feel free to call at 885-6246.


Donald R. Huskey
Associate Director
Business Administration

cc: Jerry Wallace, Vice President for Financial affairs
Aquaculture file

87-2005

22 OCT. 1990

Mr. R. Keith Higginson
 Director, Idaho Department of Water Resources
 1301 N. Orchard Street
 Statehouse Mail
 Boise, Idaho 83720



Re: University of Idaho Water Rights

Department of Water Resources

Dear Director Higginson,

Your assurance that the Department and the University of Idaho are working together to resolve the water use issues at the University is gratifying.

Least however there be any misunderstanding of my expectations let me reiterate my concerns as a private Idaho citizen:

1. I expect by renewing the public record of Idaho water rights to be able to determine the identity of the right holder, the place of use/point of diversion, the priority date of the right, the rate/volume allowed and the actual user(s) that constitutes "beneficial use".
2. If upon inspection of such public water right records the stated permitted usage(s) of the appropriated water, as authorized by IDWR, does not correspond to the actual, verifiable on-ground usages then the water right holder may be construed as using public water for purposes not allowed by law.
3. That the correction of such a discrepancy in use can be accomplished by the modification of existing permits/licenses or filing a new application for appropriation in accordance with the provisions of the Idaho Code. Withdrawal of the permit is also possible.

I have some reservations about the statement that the "Department will not require changes to existing rights for past uses that are reasonably included in existing water rights." I don't, at the moment, believe the adjective "domestic" can be stretched to include the water uses inherent in a multi-million dollar physical plant of a major educational institution.

I would point out that water right 87-2005 for 2.2 cfs with a march 22, 1951 priority date should be withdrawn and cancelled. This well was used from 1951 until 1966 and since that time has not been used for beneficial purposes. See Application for Permit 87-7141, section 12.

The resolution process outlined is acceptable and I trust will progress in a reasonably expeditious manner.

It is ironic that the unpermitted/undesigned use of 80 MCF of public resource for aquaculture purposes in the existing FUR Wet Lab is cited as the reason that the university water system cannot chlorinate its potable water.

It is even more tragicomic that this un-permitted usage for aquaculture puts the campus population at a health and the necessity to boil drinking water or to seek alternative safe sources.

I would appreciate being kept informed by Mr. Haynes of his progress in the examination process.

Regards,
— Thom A. Tamm

447 E 8th Street
Moscow, Idaho 83843

CC: Mr. Robert Haynes
Mr. John. Rosholt
Mr. Jerry Walkre, UI

Thomas Townsend
447 E 8th St
Moscow ID
83843



Mr. Keith Higginson
Director, Idaho Department of Water Resources
1304 N. Orchard Street
Statehouse mail
Boise, Idaho 83720



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

DIRECTOR

October 16, 1990

Thomas A. Townsend
447 E. 8th St.
Moscow, ID 83843

RE: UNIVERSITY OF IDAHO WATER RIGHTS

Dear Mr. Townsend:

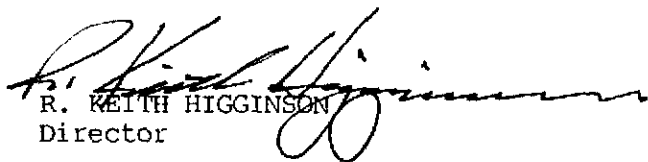
The Department has reviewed your October 1990 correspondence connection with the water rights of the University of Idaho (University).

The University has compiled and provided some information to the Department concerning its water rights of record. The water rights include 87-2005, 87-2014, 87-2017, 87-2018, 87-2031, 87-7012, 87-7026, 87-7135 and 87-7141. An initial review of the information has been made and I have asked Bob Haynes, manager of the Department's Coeur d'Alene office to work directly with the University to guide the development of information needed to determine if additional filings are needed or if changes are needed on present filings.

A review of the water right files including the examinations conducted in connection with the licenses suggest certain "general" uses of water within University buildings was occurring at the time of the examinations. While not termed "aquaculture" use, such use and other beneficial uses of water not then referred to by present day terminology likely were occurring. The Department will not require changes to existing rights for past uses which are reasonably included in existing water rights. If changes to any of the existing water rights are determined to be needed, however, the University has stated it intends to cooperate as needed.

It is the Department's intent and the University's stated intent to have the water rights of the University properly recorded with the Department. We appreciate your continuing interest in this matter.

Sincerely,


R. KEITH HIGGINSON
Director

c: IDWR - N. Region
John A. Rosholt
University of Idaho



State of Idaho

DEPARTMENT OF WATER RESOURCES

NORTHERN REGION, Suite 210 • 1910 Northwest Blvd. • Coeur d'Alene, Idaho 83814 • (208) 765-4639

CECIL D. ANDRUS
Governor

R. KEITH HIGGINSON
Director

October 9, 1990

RECEIVED
OCT 12 1990

Mr. Kenneth A. Hall
Physical Plant Director
University of Idaho
Physical Plant Division
Moscow, Id. 83843

Department of Water Resources

Re: Water Right Information

Dear Mr. Hall:

Thank you for your letter of October 3, 1990, enclosing the above information which our Department requested.

Upon review of the information the University of Idaho submitted, it was discovered that there were no attachments for Water Right No. 87-07035 (your Item No. 9, copy enclosed).

Could you please forward this information at your earliest convenience. Thank you for your cooperation.

Sincerely,

ROBERT G. HAYNES, P.E.
Regional Manager

RGH/pms

Enclosure



October 3, 1990



Idaho Department of Water Resources
4055 Government Way
Coeur d'Alene, Idaho 83814
ATTN: Bob Haynes

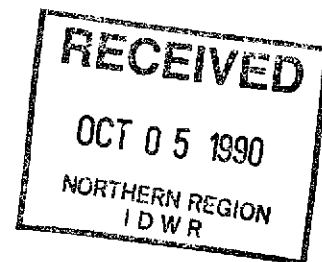
SUBJECT: Idaho Department of Water Resources Information

Attached is the information you requested. If you have any questions please call. I have added the state water right number where I have that information. I hope this information meets your needs.

Sincerely,

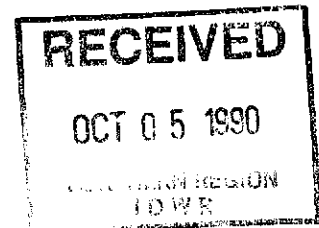

Kenneth A. Hall
Physical Plant Director

cc: Ken White
Tom Sawyer
Don Huskey
Larry Kirkland
File: UI Water Rights



University of Idaho Water Rights Information

1. A. State Water Right Number: 87-02005
- B. Diversion Location: Well #2, Guy Wickes Field
- C. Type of Beneficial Use: Not used.
- D. Location Of Beneficial Use (See attached map): None
- E. Pump Size and Capacity: Not Applicable
- F. Estimated Amount Pumped 1989: None



License and Certificate of Water Right

Water License No. 2

Amount 2.22 second feet

Water District No.

Priority March 12, 1951

THIS IS TO CERTIFY that THE REGENTS OF THE UNIVERSITY OF IDAHO
of Moscow, Idaho, made application for a permit to appropriate the
public waters of the State of Idaho, dated March 12, 1951; that Permit No. 22027
was issued under said application; that Certificate of Completion of works, with a carrying capacity of
Five second feet, was issued thereunder on June 9, 1952, showing that said works
were completed on the 2nd day of June, 1952; and that on the 18th
day of July, 1952,

THE REGENTS OF THE UNIVERSITY OF IDAHO
of Moscow, 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
situated at (subterranean flow), for the purpose of domestic water supply
under Use Permit No. 25027 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
8 of Licenses at page 5026, on the 20th day of November, 1952;
The right hereby confirmed dates from March 12, 1951;

The Point of Diversion is located
in the SE 1/4 SW 1/4, Sec. 7, Tp. 36 N., R. 6 W., B. M., Latah 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 2.22 cubic feet per second.

Description and location of use:

Twp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
			University Campus at Moscow, Idaho.		

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
20th day of November, 1952.

E. N. Humphrey
Deputy State Reclamation Engineer

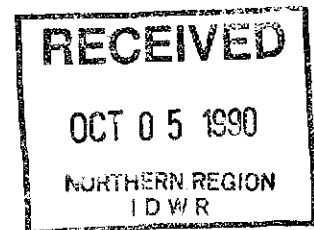
WELL # 2

522

$$2.22 \times 448 \times 60 \times 24 \times 365 = 522,741,000 \text{ 87 cubic feet}$$

8702005

2. A. State Water Right Number: 87-02014
- B. Diversion Location: Paradise Creek below Moscow water treatment plant outfall
- C. Type of Beneficial Use: Irrigation
- D. Location Of Beneficial Use (See attached map): White Pine Forest Nursery
- E. Pump Size and Capacity: Allowed use 120,089,000 gal/yr; 25 HP
- F. Estimated Amount Pumped 1989: 7,257,600 gal/yr



State of Idaho License and Certificate of Water Right

Water License No. 25634 Amount 51 second foot
Water District No. Priority April 22 1955

THIS IS TO CERTIFY that THE RESIDENTS OF THE UNIVERSITY OF IDAHO
of Moscow, Idaho, made application for a permit to appropriate the
public waters of the State of Idaho, dated April 21, 1955; that Permit No. 25634
was issued under said application; that Certificate of Completion of works, with a carrying capacity of
1.0 second foot, was issued thereunder on November 29 1955, showing that said works
were completed on the 23rd day of September, 1955; and that on the 27th
day of April, 1956,

THE RESIDENTS OF THE UNIVERSITY OF IDAHO
of Moscow, State of Idaho, made proof to the satisfaction of the
State Reclamation Engineer of Idaho, of the right to use the waters of Paradise
Creek, a tributary of Palouse River, for the purpose of irrigation
under Use Permit No. 25634 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
9 of Licenses at page 531.6, on the 9th day of October, 1956.
The right hereby confirmed dates from April 21, 1955.
The Point of Diversion is located

in the S. 1/4, Sec. 12, T. 39 N., R. 5 W., B. M. Latah 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 .51 cubic feet per second.

Description and location of use:

Twp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
39 N.	6 W.	12	S. 1/4, Sec. 12, T. 39 N., R. 5 W.	25.5	26

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
29th day of October, 1956.

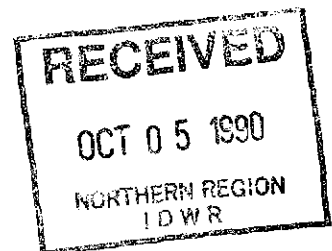
(SEAL)

MARY B. KILP
State Reclamation Engineer.

87 2014



3. A. State Water Right Number: 87-02018
B. Diversion Location: Paradise Creek below Moscow water treatment plant outfall
C. Type of Beneficial Use: Irrigation
D. Location Of Beneficial Use (See attached map): White Pine Forest Nursery
E. Pump Size and Capacity: Allowed use 96,524,220 gal/yr; no pump
F. Estimated Amount Pumped 1989: None



State of Idaho License and Certificate of Water Right

Water License No. 26886

Amount 42 c.f.s.

Water District No.

Priority May 7, 1957

THIS IS TO CERTIFY that THE REGENTS OF THE UNIVERSITY OF IDAHO of Moscow, Idaho, made application for a permit to appropriate the public waters of the State of Idaho, dated May 7, 1957; that Permit No. 26886 was issued under said application; that Certificate of Completion of works, with a carrying capacity of 0.5 second feet, was issued thereunder on May 12, 1961, showing that said works were completed on the 9th day of May, 1961; and that on the 11th day of May, 1961,

THE REGENTS OF THE UNIVERSITY OF IDAHO of Moscow, State of Idaho, made proof to the satisfaction of the State Reclamation Engineer of Idaho, of the right to use the waters of Paradise Creek, a tributary of Palouse River, for the purpose of irrigation under Use Permit No. 2686 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 13 of Licenses at page 7974, on the 1st day of September, 1964. The right hereby confirmed dates from May 7, 1957. The Point of Diversion is located

In the SW 1/4, SW 1/4, Sec. 12, T. 3 N., R. 6 W., B. M. Latah - 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 0.5 cubic feet per second.

Description and location of use:

Twp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
39 N.	6 W.	13	SW 1/4 (Lot 1)	23.8	12.5
			Total number of acres to be irrigated:		20.5

This appears to be the White Pine Forest Water point.

The right to the use of the water aforesaid hereby confirmed is restricted to 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 1st day of September, 1964.

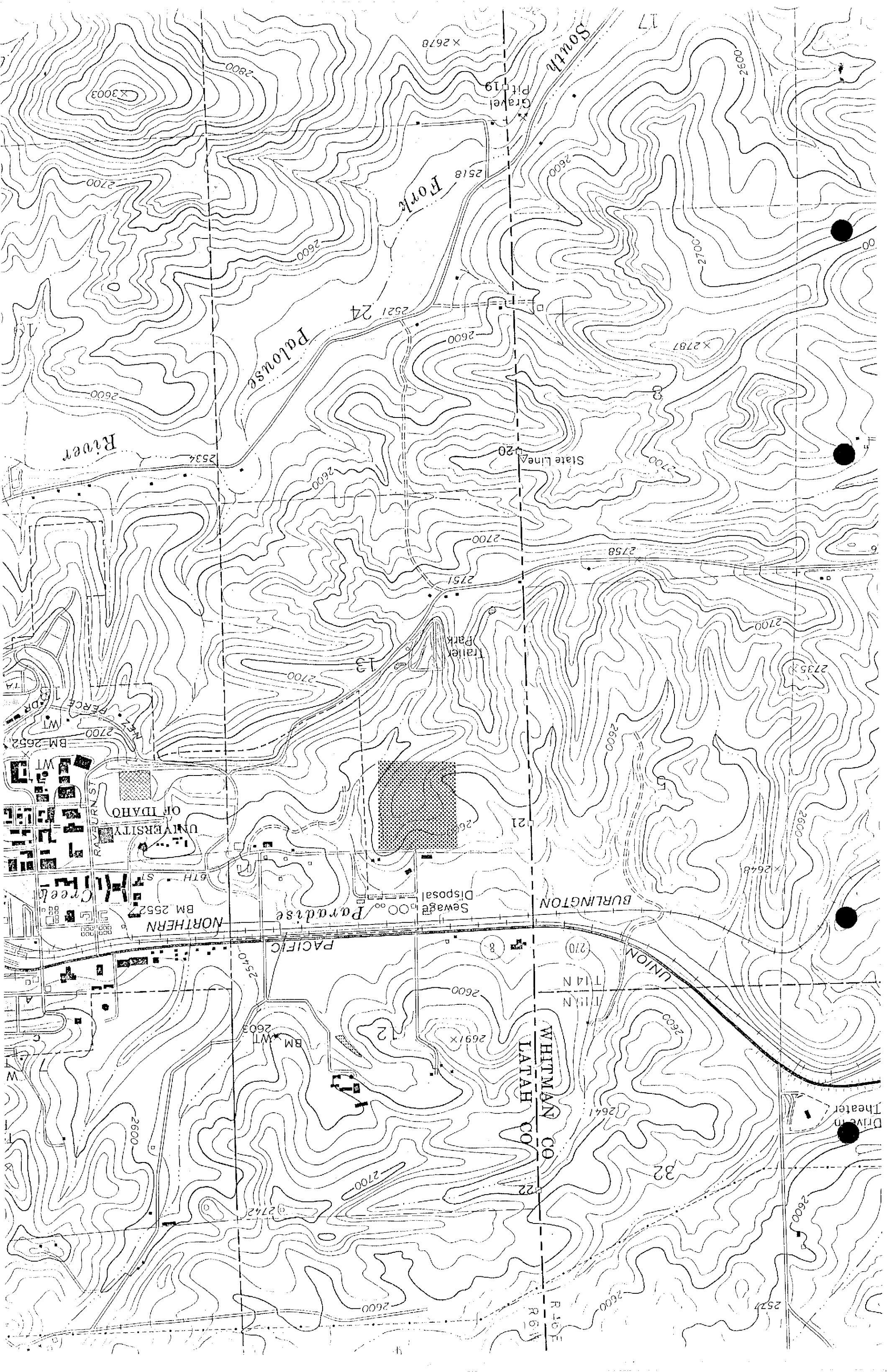
(SEAL)

RAYMOND A. TYRRE
Deputy State Reclamation Engineer

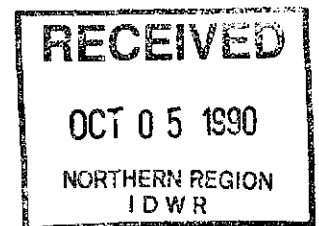
87 2018

41 x 448 x 60 x 24 x 305 = 96,543,200

PARADISE CREEK



4. A. State Water Right Number: 87-02031
B. Diversion Location: Main campus (Marked on attached map)
C. Type of Beneficial Use: Domestic use and irrigation.
D. Location Of Beneficial Use (See attached map): campus wide domestic water system
E. Pump Size and Capacity: Allowed use 946,000,000 gal/yr; 400 HP, 1800 GPM
F. Estimated Amount Pumped 1989: 156,000,000 gal/yr



State of Idaho

License and Certificate of Water Right

Water License No. G-32056

Amount 4.0 c.f.s.

Water District No.

Priority August 31, 1964

THIS IS TO CERTIFY that The Regents of the University of Idaho of Moscow, Idaho, made application for a permit to appropriate the public waters of the State of Idaho, dated August 31, 1964; that Permit No. G-32056 was issued under said application; that Certificate of Completion of works, with a carrying capacity of 4.0 second feet, was issued thereunder on October 5, 1965, showing that said works were completed on the 24 day of November, 1964; and that on the 24th day of November, 1964, The Regents of the University of Idaho

of Moscow, 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 domestic use and irrigation, under Use Permit No. G-32056 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

13 of Licenses at page 8302, on the 5 day of October, 1965:

The right hereby confirmed dates from August 31, 1964:

The Point of Diversion is located

in the SW 1/4 NW 1/4, Sec 7, Tp. 39 N., R. 5 W., B. MLatah 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 4.0 cubic feet per second.

Description and location of use.

Twp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
39 N	5 W	7	SW 1/4 SW 1/4	20	20
			SE 1/4 SW 1/4	20	20
		18	W 1/4 NE 1/4	80	80
			NW 1/4	160	160

Total number of acres to be irrigated: 280

NOTE: 2.0 c.f.s. for domestic use
2.0 c.f.s. for irrigation

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

WITNESS the seal and signature of the State Reclamation Engineer, affixed at Boise, Idaho, this

day of October, 1965.

/s/ RALPH W. THOMAS
Deputy State Reclamation Engineer.

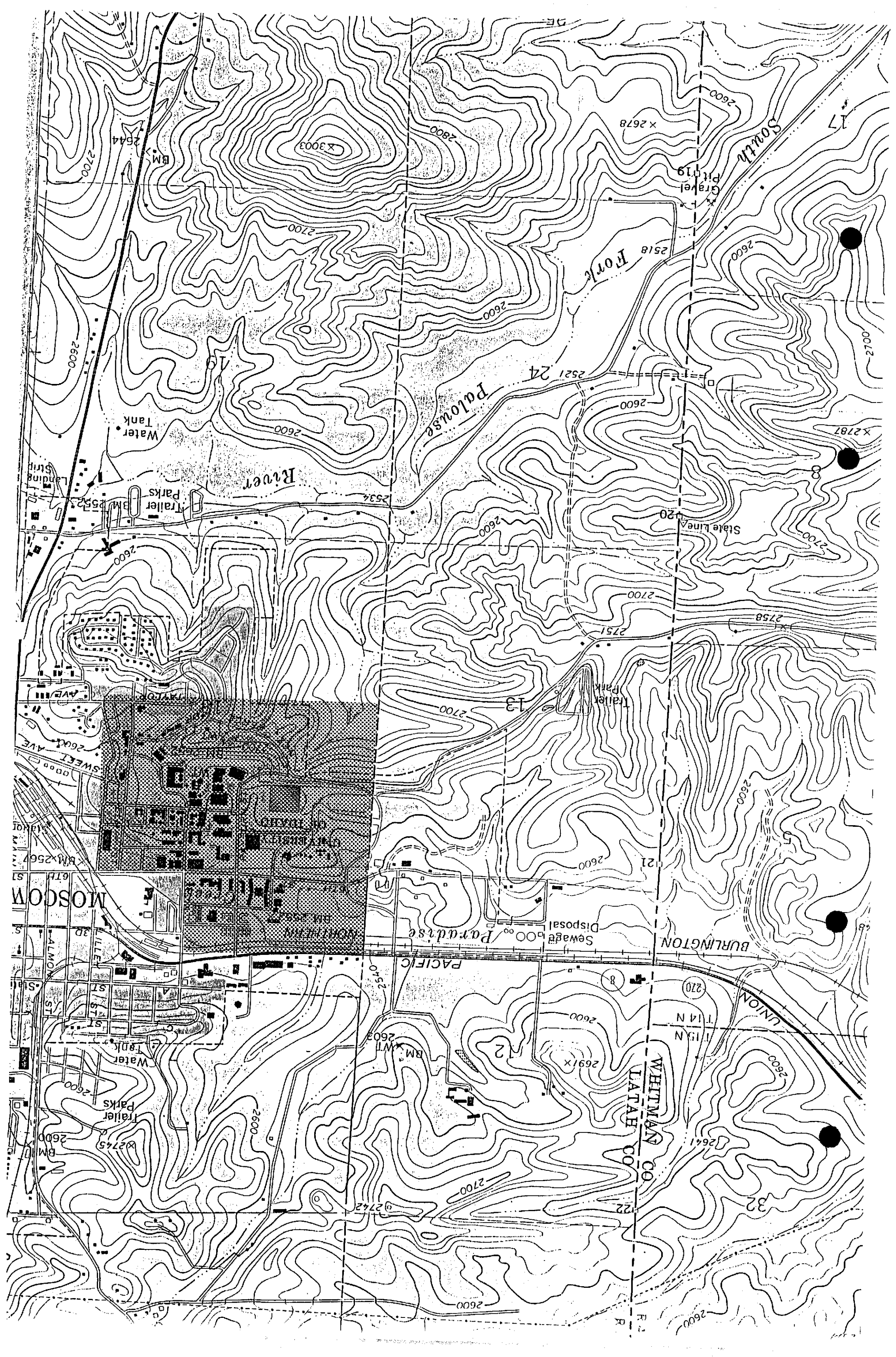
Well # 3

86-22032

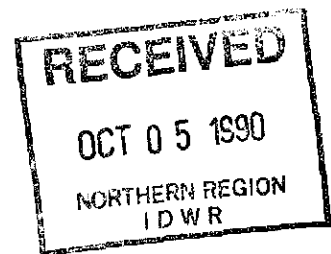
86-22032

4.0 x 448 x 60 x 24 x 365 = 941,875,000 gal/yr

*Carried on the
data sheet as
87-02031*

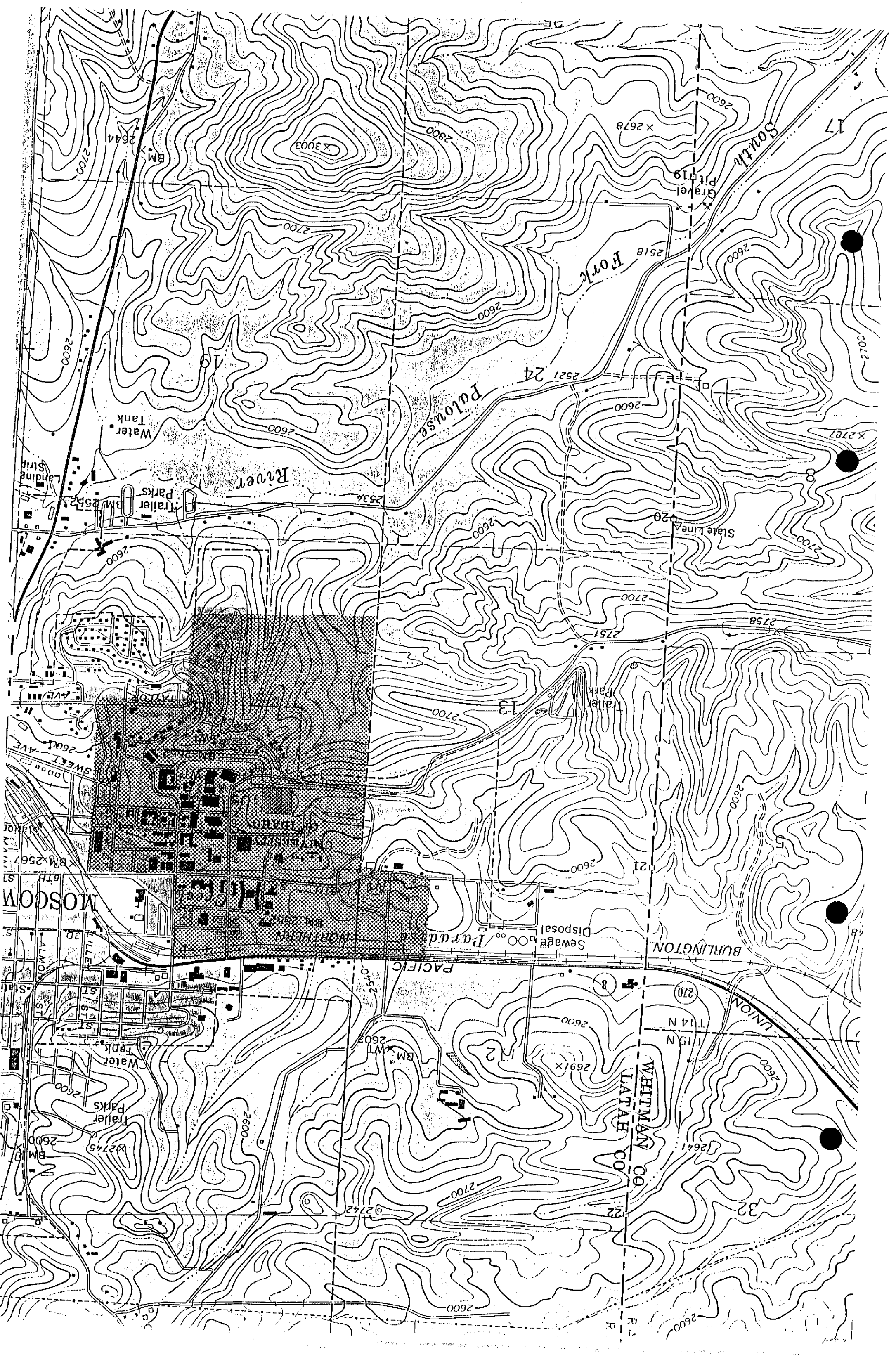


5. A. State Water Right Number: 87-07012
B. Diversion Location: Main campus-behind Palouse Empire Mall (marked on map)
C. Type of Beneficial Use: Domestic water and irrigation.
D. Location Of Beneficial Use (See attached map): Campus wide domestic water system
E. Pump Size and Capacity: Allowed 970,131,000 gal/yr; 450 HP; 2000 GPM
F. Estimated Amount Pumped 1989: 172,000,000 gal/yr



WATER RIGHT LICENSE

Well #4 $4.12 \times 448 \times 60 \times 24 \times 365 = 970,131,000 \text{ gal/yr}$



6. A. State Water Right Number: 87-07026

B. Diversion Location: Effluent from Moscow Sewage Treatment Plant

C. Type of Beneficial Use: Irrigation

D. Location Of Beneficial Use (See attached map): Guy Wicks Field, ASUI Golf Course, Arboretum

E. Pump Size and Capacity: Allowed 227,031,000 gal/yr; 160 HP; 800 GPM

F. Estimated Amount Pumped 1989: 64,000,000 gal/yr



Identification No. 87-7025

Application No. _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPROVED

APPLICATION FOR PERMIT

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

1. Name of applicant The Regents of the University of Idaho phone: 885-6246
post office address Moscow, Idaho Treatment _____
2. Source of water supply Moscow City Sewage Plant which is a tributary of Paradise Creek
3. a. Location of point of diversion is SE $\frac{1}{4}$ of EW $\frac{1}{4}$ of Section 12 Township 35N
Range 6 W S.M. Jatah County; additional points of diversion if any: None

- b. If water is not consumed, it will be discharged into N/A at a point in _____ $\frac{1}{4}$
of _____ $\frac{1}{4}$ of Section _____ Township _____ Range _____ S.M. _____

4. Water will be used for the following purposes:

- Amount 1.78 cfs, irrigation purpose from April 1 to Oct. 15 (both dates inclusive)
- Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
- Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)

5. Total quantity to be appropriated.

- a. 1.78 cubic feet per second and/or
- b. _____ acre feet per annum.

6. Proposed diverting works:

- a. Description of ditches, flumes, pumps, headgates, etc. A pumping station would be located at the point of diversion. The storage lagoon would be constructed south of that point. From the lagoon, the water would be pumped via underground mains to irrigate lawns and recreational facilities within the University of Idaho campus.

- b. Height of storage dam 8 feet, active reservoir capacity 1.6 acre feet, total reservoir capacity 1.6 acre feet, materials used in storage dam: earthfill

Period of year during which storage will occur January 1 to December 31 inclusive.

4. Proposed well diameter is N/A 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 2 years.

- b. Estimated construction cost is \$ 500,000

8. Description of proposed uses:

- a. If water is not for irrigation:

- (1) Give the place of use of water: N/A $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____ Range _____ S.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: _____

EFFLUENT

$$1.78 \times 448 \times 60 \times 24 \times 365 \times \frac{1}{13} \times \frac{1}{24} = 227,031,000 \text{ gal/yr}$$

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

TWP	RANGE	7	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	
35N	5W	7																	20
																			20
		12																	40
		13																	80
		18																	280

Total number of acres to be irrigated 440

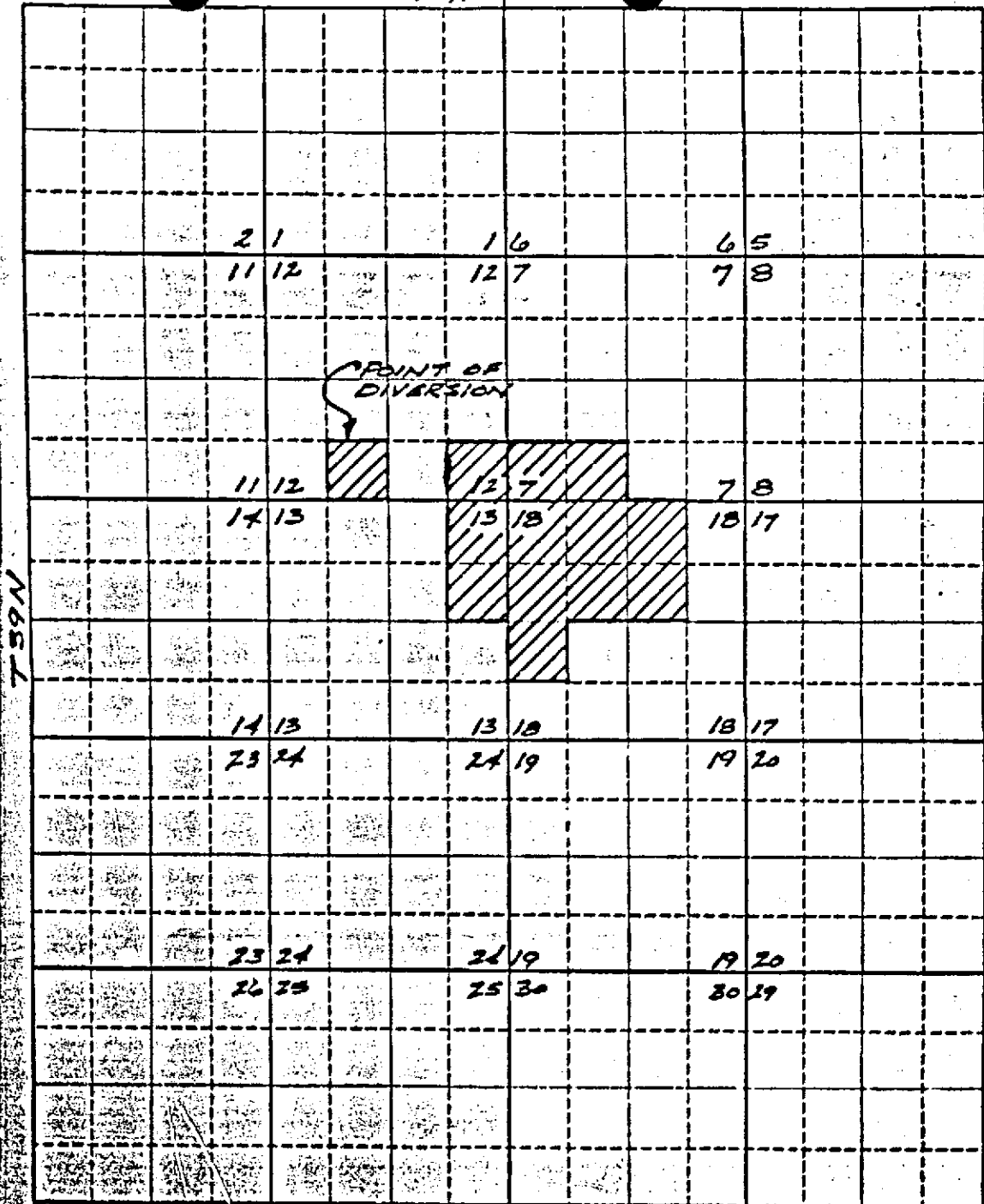
c. Describe any other water rights used for the same purposes as described above. 2.0 cfs for domestic use and 2.0 cfs for irrigation from subterranean flow. Refer to water License No. Q-32056

9. a. Who owns the property at the point of diversion University of Idaho (long-term lease to City of Moscow.)
- b. Who owns the land to be irrigated or place of use University of Idaho
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. Owned

10. Remarks A portion of the quantity of water requested in this permit is pumped by the University of Idaho from the underground water supply, and after use on the campus, is treated and discharged into Paradise Creek. Although it is impossible to determine the exact proportion, comparing average populations of the University to the city results in a ratio of 7,000/17,000 or 7/17. Allowing for industrial uses in the city, it should be safe to say that between one-fourth and one-third of the water herein requested was initially pumped by the University. This water permit request is for expanded use of water described above as well as for use of Moscow city waste water, both of which are discharged into Paradise Creek.

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

R6W R5W



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.

Sherman Carter

(Applicant)

SHERMAN CARTER, Financial Vice President
and Bursar, University of Idaho

July 9, 1976

Proposed 8-02-76

Received by CP Date 7-17-76 Time 11:00 A.M.

Preliminary check by RGH fee \$ 35.00

Received by CP Date 8-2-76 (Rec. #4335)

Publication prepared by CP Date 8-6-76

Published in Daily Idahonian

Publication dates 8-12 & 8-19-76

Publication approved Date

Priority reduced to Reason

CORRECTION NOTICE:

9-2 & 9-9-76

Protests filed by:

Copies of protests forwarded by

Hearing held by Date

Recommended for approval denial by

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. 87-7026, 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 December 1, 1978.

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 6 day of November, 1976.

[Signature]



State of Idaho
DEPARTMENT OF HEALTH AND WELFARE
Division of Environmental Quality

450 W. State Street
Boise, Idaho 83720

CECIL D. ANDRUS
Governor

RICHARD P. DONOVAN
Director

RECEIVED

AUG 11 1989

PHYSICAL PLANT

August 4, 1989

Mr. Kenneth A. Hall
Physical Plant Director
University of Idaho
Moscow, Idaho 83843

Re: Wastewater-Land Application Permit No.: LA-000028
(U. of I. Wastewater Land Application System)

Dear Mr. Hall:

We are issuing the above referenced Wastewater-Land Application permit.
The enclosed document is your official copy of the permit and
demonstrates that you are authorized to operate the wastewater-land
application facility subject to certain specified requirements.

The permit is effective the date of the Director's signature and will expire
July 31, 1994.

Sincerely,

Al E. Murrey, P.E.
Chief, Water Quality Bureau

FILE = Joy

cc: Ken W ✓

Butch F ✓

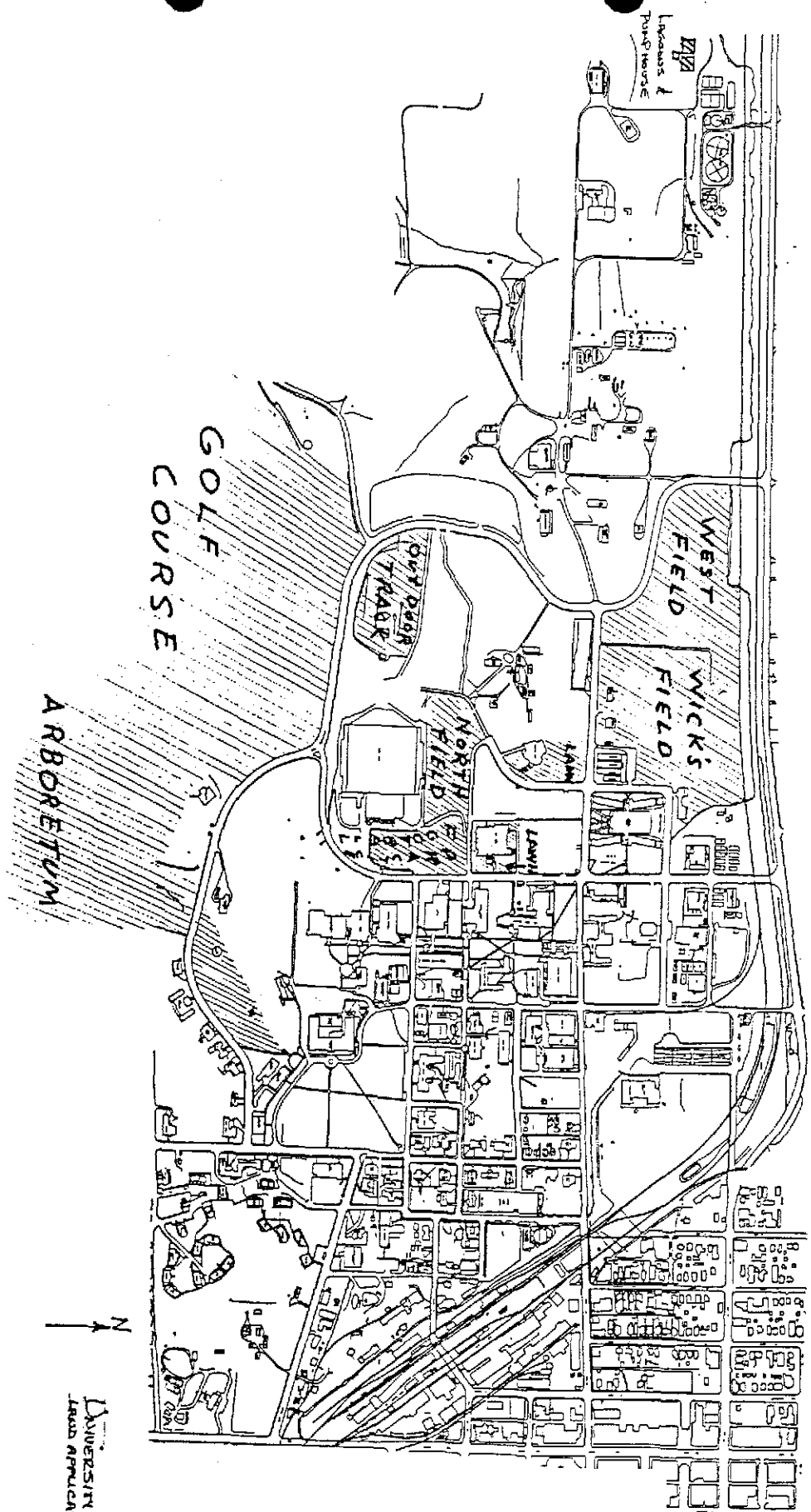
Larry K/Toms ✓

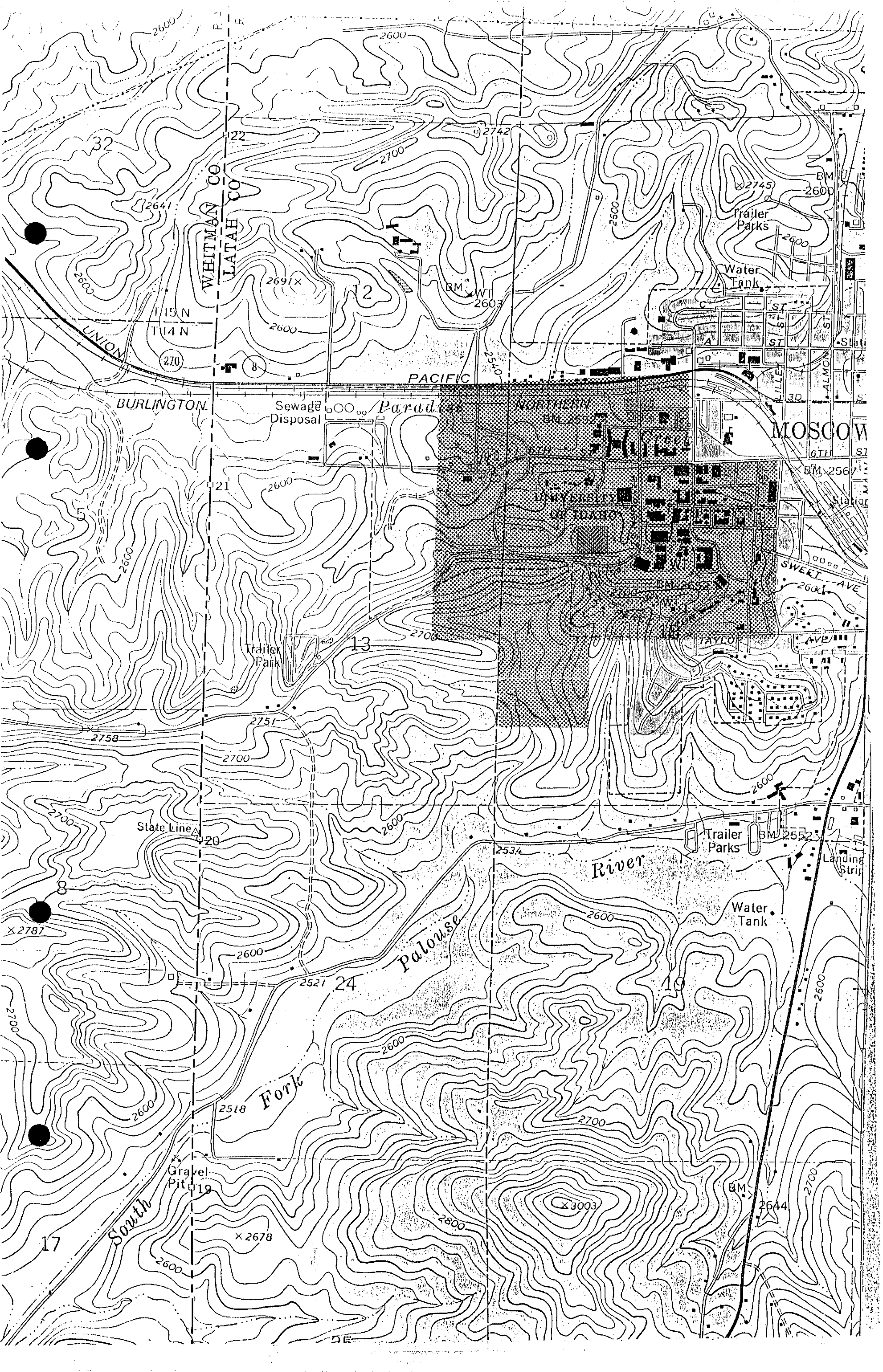
MIKE H ✓

JOANNE R ✓

✓ gw
8-16-89

cc: Paul Jehn
Mark Von Lindern/George Dekan, LFO
Susan Burke





7. A. State Water Right Number: 87-07135
B. Diversion Location: Arboretum Well
C. Type of Beneficial Use: Irrigation
D. Location Of Beneficial Use (See attached map): Arboretum
E. Pump Size and Capacity: Allowed use 58,867,200 gal/yr; No Pump Installed
F. Estimated Amount Pumped 1989: None



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 University of Idaho Phone _____

Post office address Moscow, Idaho

2. Source of water supply UNNAMED STREAM WHICH IS A TRIBUTARY OF PALOUSE RIVER
ground water which is a tributary of N/A

3. Location of point of diversion is SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Govt. Lot

Sec. 18 Township T 39 N Range 5 W B.M. Latah County; additional

points of diversion if any: _____

PER TEL/CON w/ R.L. NASKALI

4. Water will be used for the following purposes:

Amount 0.25 cfs for diversion to storage purposes from 1-1 to 12-31 (both dates inclusive)
Amount 1.5 AF for storage for WILDLIFE purposes from 1-1 to 12-31 (both dates inclusive)
Amount AF for fm storage purposes from _____ to _____ (both dates inclusive)
Amount cfs for _____ purposes from _____ to _____ (both dates inclusive)
Amount 1.5 AF for storage for ESTHETICS purposes from 1-1 to 12-31 (both dates inclusive)
Amount AF for fm storage purposes from _____ to _____ (both dates inclusive)
Amount AF for _____ purposes from _____ to _____ (both dates inclusive)
Amount AF for storage for _____ purposes from _____ to _____ (both dates inclusive)
Amount AF for fm storage purposes from _____ to _____ (both dates inclusive)
Amount CB for _____ purposes from _____ to _____ (both dates inclusive)

5. Total Quantity to be appropriated is (a) .25 cfs cfs and/or 1.5 JK af/ann.

6. Proposed Diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Water will be pumped from well
to two ponds with total surface area < .5 acre, about 6 ft deep. The water
will be used to maintain the ponds

b. Height of storage dam ~9.0 ft JK feet; active reservoir capacity 1.5 JK acre-feet; total
reservoir capacity 1.5 JK acre-feet; period of year when water will be diverted to storage:
_____ to _____ inclusive.

c. Proposed well diameter is 6 feet inches; proposed depth of well is 17.0 feet.
VERTICAL CMP JK

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
1 year years (minimum 1 year).

ARBORETUM WELL

$$.25 \times 448 \times 60 \times 24 \times 365 = 58,867,200$$

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

- a. Hydropower; show total ft of head and proposed capacity in KW. _____
- b. Stockwatering; list number and kind of livestock. _____
- c. Municipal; show name of municipality. _____
- d. Domestic; show number of households. _____
- e. Other; describe fully. Water will be used for maintaining pond and wetland for arboretum plantings.

9. Description of place of use:

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

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
39N	SW	18									<u>W</u> <u>J</u>			<u>W</u> <u>J</u>					

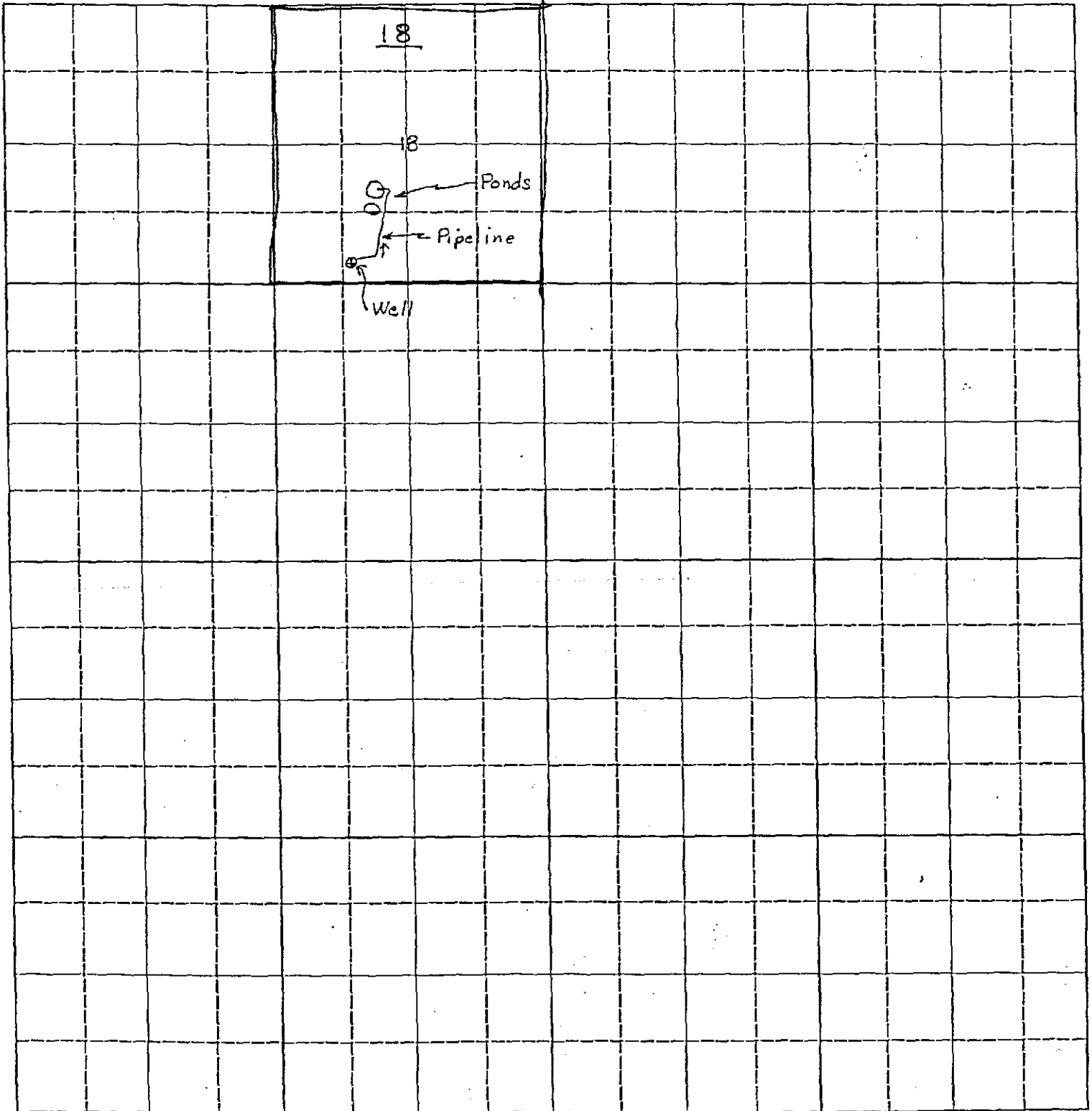
Total number of acres to be irrigated _____

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

11. a. Who owns the property at the point of diversion? University of Idaho
- b. Who owns the land to be irrigated or place of use? University of Idaho
- 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: _____

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.

Don A. Amos 10/4/88
(Applicant)
University of Idaho - Don A. Amos - Business Manager

Received by Ken Date 10/11/88 Time 2:00 p⁰ Preliminary check by TK
Fee's 45.00 Receipted by TK # N1864 Date 10/13/88
Publication prepared by [signature] Date 10/26/88 Published in Idaho Water Review
Publication approved [signature] Date 12/19/88

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. 87-7135, 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 April 1, 19 90.

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:

Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.

Witness my hand this 13th day of March, 1989.

[Signature: J. Glen Saylor]

8. A. State Water Right Number: 87-2017
- B. Diversion Location: Parker Farm -East of campus
- C. Type of Beneficial Use: Irrigation and nursery stock.
- D. Location Of Beneficial Use (See attached map): Parker Farm
- E. Pump Size and Capacity: Allowed use 183,960,100 gal/yr; 30 HP
- F. Estimated Amount Pumped 1989: 1,000,000

State of Idaho License and Certificate of Water Right

Water License No. G-26879 Amount 0.78 c.f.s.
Water District No. _____ Priority May 1, 1951

THIS IS TO CERTIFY that THE REGENTS OF THE UNIVERSITY OF IDAHO
of Moscow, Idaho, made application for a permit to appropriate the
public waters of the State of Idaho, dated May 7, 1957; that Permit No. G-26879
was issued under said application: that Certificate of Completion of works, with a carrying capacity of
0.78 second feet, was issued thereunder on September 21, 1962, showing that said works
were completed on the 10th day of May, 1962; and that on the 10th
day of May, 1962,

THE REGENTS OF THE UNIVERSITY OF IDAHO
of Moscow, 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 - nursery
stock, under Use Permit No. G-26879 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
12 of Licenses at page 7455, on the 21 day of September, 1962;
The right hereby confirmed dates from May 7, 1957;

The Point of Diversion is located
in the SW 1/4 NW 1/4 Sec. 15 Tp. 39 N. R. 5 W., B. M. Latah 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 0.78 cubic feet per second.

Description and location of use:

Twp.	Range	Sec.	Forty-acre Tract	No. Acres Described in Permit	No. Acres Actually Irrigated
39 N	5 W.	15	SE 1/4	15	5
		16	SW 1/4	30	10
			SE 1/4	16	16
Total number of acres to be irrigated:					61

Parker Farm

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

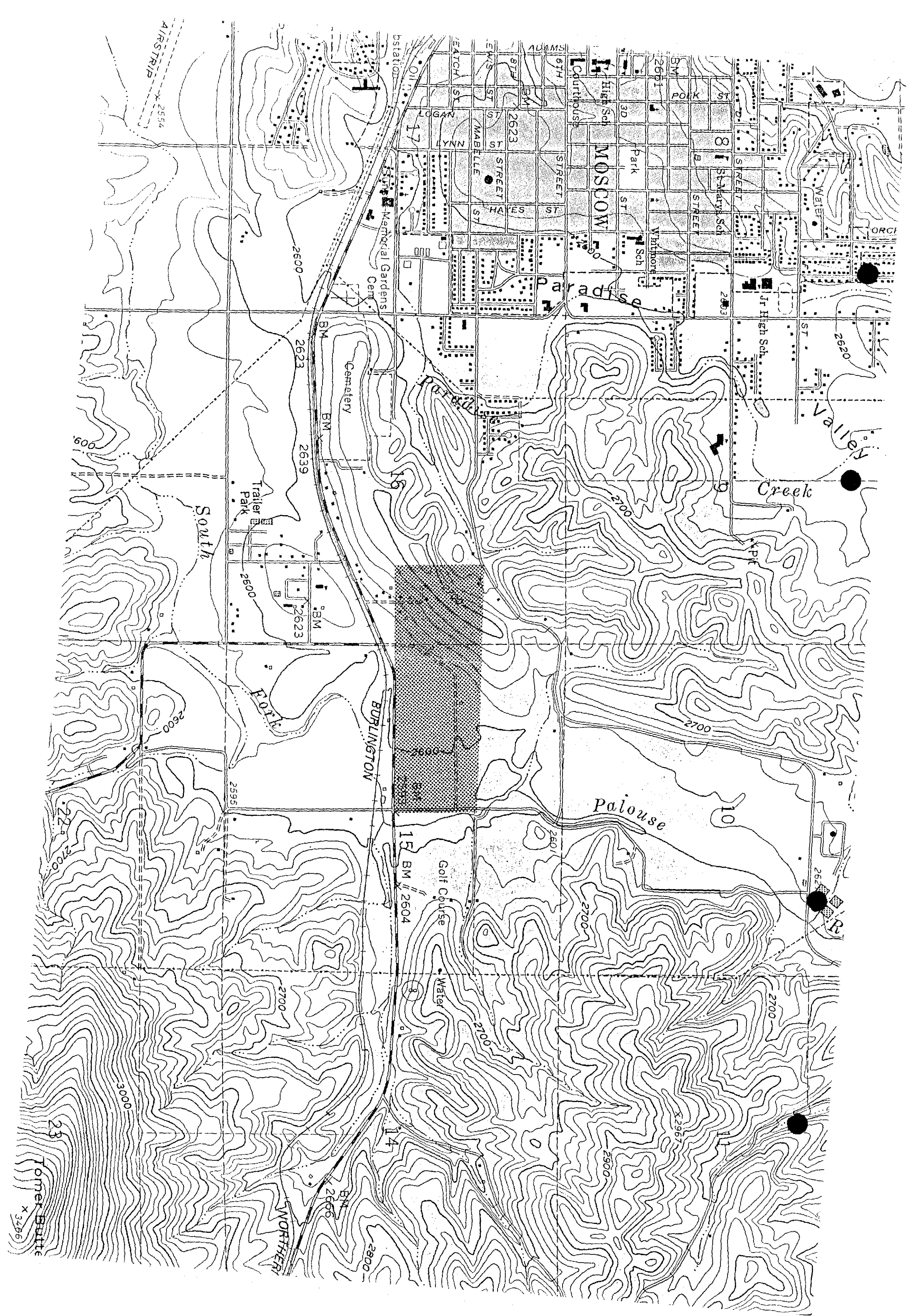
WITNESS the seal and signature of the State Reclamation Engineer, affixed at Boise, Idaho, this
21 day of September, 1962.

CARL E. TAPPA
Assistant State Reclamation Engineer.

(SEAL)

87 2017

$.78 \times 448 \times 60 \times 24 \times 365 = 183,666,000 \text{ gal/yr}$ PARKER FARM



87-402 city of Moscow
1952
1.67 cfs → 5800
G.W.
for use

9. A. State Water Right Number: 87-07035

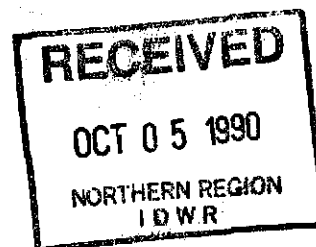
B. Diversion Location: Well # 5, Aquaculture, West campus

C. Type of Beneficial Use: Research, Domestic water, and irrigation

D. Location Of Beneficial Use (See attached map): Aquaculture facility and same as #6 for the recycled water

E. Pump Size and Capacity: Allowed 54,000,000 gal/yr; No pump installed

F. Estimated Amount Pumped 1989: None



Ho
attachments
received
pma 10/5/90

9 Oct. 1990

Mr. Norman Young
Administrator, Resources Admin. Div.
Idaho Department of Water Resources
Statehouse Mail
Boise, Idaho 83720

Alan
RECEIVED
OCT 11 1990

Department of Water Resources

Re: University of Idaho Water Use Practices.

Dear Mr. Young,

You are no doubt aware of the recent problems that the University has had, still continuing, with water quality on campus.

Some salient points that derive from this issue that bear on my earlier complaints about non-permitted uses are as follow:

1. The University is utilizing so much of public resource in support of the Fish & Wildlife Resource wet lab - a non-permitted use.
2. The University is having problems with coliform bacteria in its internal water system since no water in the campus system is chlorinated since the agriculture fish lab draws upon this system. Some local news stories are enclosed.
3. The University to my knowledge is providing metered water service to several private society (fraternities/sororities) buildings along Nez Perce Drive on the south edge of campus. I believe a financial charge is being made for this service. If so, the University is presumed to be retailing water which is not a current permitted practice under existing permits.

Regards,

Thomas A. Tamm

447 E. 8th St.
Moscow, Idaho 83843

IDAHOAN 10/4/90

Activist: UI dragging feet through water

By STEVE THOMPSON
Staff Writer

The University of Idaho is dragging its feet on a directive from an Idaho water agency to modify its water rights to cover uses not covered by existing permits, a Moscow citizen charges.

Frustrated by the delay, water activist Tom Townsend has filed a formal protest with the Idaho Department of Water Resources to force UI to clean up its act. UI has stalled because it doesn't want to do what Townsend calls its "administrative housekeeping" in public, he says.

"It's a cumbersome process, but it's also the law," Townsend says.

UI's annual use of about 380 million gallons of water does not exceed its total permitted draw. But Townsend says that UI does not use the water for the purposes specified on the permits.

The UI water permits in question, primarily granted during the 1950s and 1960s, allow the use of Palouse deep aquifer water for irrigation and

domestic use. UI needs to change the use categories because it also uses water for research, stock watering and heating and cooling systems, Townsend says.

Last January, Idaho officials notified UI that it wants to keep closer tabs on how the university uses its water. UI may need to modify its water permits to conform with more recent laws, they told UI officials. In any case, the water department directed UI to detail its water uses.

Since then, the department has softened its position. UI and Idaho officials say it's still not clear whether any formal changes need to be made.

"Since I can't point to something that has to be changed, I'm satisfied as long as they're making a good faith effort to provide information," said Bob Haynes of the water resources department.

Last January, Haynes was particularly concerned that UI water was being used for commercial purposes

at the Palouse Empire Mall, which sits on university land. That is not the case, he has since discovered. The mall is served by Moscow city water.

Norm Young, a water resources administrator in Boise, said the department is not sure how to respond to Townsend's unusual protest, which it received this week. "It's not a routine matter. We're not sure quite how to handle it, because normally we get a protest only if some decision is pending." He said the department is taking the matter seriously.

Since January, UI has been gathering the information requested by the state, says acting Financial Vice President Jerry Wallace. He acknowledged that two deadlines for resolving the matter, timetables that were suggested by UI, have passed unmet. He said that is because of shifting duties following the resignation of former Financial Vice President Joe Geiger in June.

UI water must be boiled or treated

MOSCOW — Water on the University of Idaho campus should be boiled for at least five minutes or two drops of chlorine bleach added to a quart, according to the Idaho Department of Health and Welfare, because of unacceptable coliform bacteria tests.

The UI water was found unacceptable for the second time in six weeks. Routine water tests earlier in the week did not pass the standard.

UI officials are preparing an emergency request to the Idaho Division of Public Works to spend up to \$130,000 to fix the

problem. The problem happens in the I tank on the southwest side of campus. When the water table dips too low, it stirs up a sediment layer, according to Terry K. Maurer, UI director of media relations.

A similar problem occurred in August.

To fix the problem, the UI wants \$50,000 to clean the tank on Nez Perce Drive and another \$60,000 to \$80,000 to replace the control system.

The UI is unable to use chlorine in its water because of research on fish that could be damaged by chemical contamination.

WHEAT & CHAFF

The Latah County state senate campaign, hottest political race of the season, has a few familiar names lining up as advisers to the three candidates.... Moscow auto dealer and GOP patriarch Jimmy Anderson and former University of Idaho financial vice president Joe Geiger are co-chairing Republican Gary Scott's campaign.... Retiring Sen. Don Mackin and Nobby Inn owner Tom Mayburry are directing the campaign of Democrat Craig Mosman.... And CPA Andrea Beckett is leading the charge for independent Andy Schwam. But Schwam, the pro-abortion rights candidate, also landed a defection from the Democratic Party ranks: Marilyn Francis, until recently the coordinator of the party's headquarters on Jackson Street, is a consultant and assistant to Schwam.

UI may boil water 'til Homecoming

By STEVE THOMPSON
Staff Writer

10/8/90

The University of Idaho is a nice place to visit, but don't drink the water.

That may be the message that greets UI alumni this week when they return to Moscow for annual homecoming celebrations and Saturday's football game.

UI officials learned today that its water supply, which has been contaminated with bacteria since early last week, is still unsafe for drinking. UI water should be boiled five minutes or sterilized with two drops of chlo-

rine bleach per quart.

The problem could get worse before it gets better. A "boil water" order will be in effect at least until Wednesday, and possibly into the weekend, an Idaho Department of Health and Welfare official said today.

The source of the contamination, UI officials believe, is sedimentation in the water tank along Nez Perce Drive. Water levels in the tank became too low last week due to faulty controls. The water level fluctuation swirls sediments and bacteria into the water system.

UI today put in an emergency request to

the Idaho Division of Public Works to scour and clean the 500,000 gallon water tank immediately. But that could prolong the problem because UI officials aren't sure how to do that. Water pumped from the Palouse deep aquifer goes directly into the tank, and UI engineers this morning were still searching for a way to bypass the tank for cleaning.

The system has not flushed itself as quickly as physical plant director Ken Hall would like because water use has declined

Please see **WATER** back page

WATER

From Page 1A
since the boil order was issued.

Hall says cleaning the tank before homecoming is UI's top priority, but engineers don't know yet how to do so without turning off the university's entire water system. Once the technical problems are solved, UI can clean the tank — a two-day, \$50,000 project — with its own crews, Hall said.

The water scare underscores serious design flaws and maintenance defects in the university's infrastructure. UI needs to replace sections of pipe, fix broken controls and devise a system to isolate the water tower for clean-

ing.

UI received \$400,000 from the 1989 Idaho Legislature to identify and fix some of those problems. Some of that money has not yet been released by the Division of Public Works. That includes the \$130,000 that Hall wants for immediate repairs. Meanwhile, the Idaho Board of Education has requested another \$565,000 this year to upgrade the water system.

George Dekan of the Idaho Department of Health and Welfare said UI's water contamination "has proven to be a much more difficult problem than we usually deal with."

Donald Chin, director of UI's Student Health Services, said UI officials haven't detected any in-

crease in diarrhea or stomach ailments that could be related to the bad water. UI's system apparently was contaminated three days before test results were confirmed and UI officials notified the campus community about the problem.

Coliform is a common and easily detected bacteria that, although not necessarily harmful, indicates the possible contamination of water by other health-threatening bugs.

Jerry Curtis, director of Marriott dining services on campus, said bad water is not a major problem. Marriott is boiling or chlorinating its water, and has had to stop selling soda drinks.

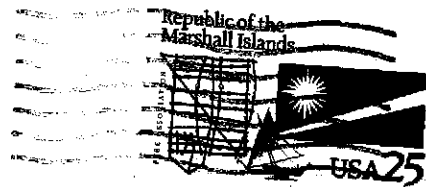
"We turned off our pop machines and (students) are drink-

ing milk. It's an inconvenience, but it's something we can live through," Curtis said. If the water is contaminated into the weekend, Curtis says he'll have to assign additional people to work the football game at the ASUI Kibbie Dome.

The only campus buildings unaffected are the Student Union Building and Greek houses along Elm Street, which are on city water.

Researchers who require a clean water source in their laboratories also appear to be adjusting to the inconvenience. Most labs that require quality water have their own filtration systems, says fish researcher Christine Moffett. The main problem, she says, is the need to continually clean sediments out of the filters.

Thomas Townsend
447 E 8th Street
Moscow ID
83843



Mr. Norman Young
Administrator, Resource Admin Div.
Idaho Dept. of Water Resources
Statehouse mail
Boise, Idaho 83720

TO: STATE OFFICE

OCT-05-'90 FRI 07:21 : IDWR NORTHERN REGION TEL NO: 208-885-2088

#063 P02

Saxton



University of Idaho

Office of Financial Affairs
Moscow, Idaho 83843

208-885-6174

FAX 208-885-5752

RECEIVED

OCT 03 1990

NORTHERN REGION
IDWR

October 1, 1990

Mr. Robert G. Haynes, P.E.
Regional Manager, Northern Division
Idaho Department of Water Resources
1910 Northwest Boulevard
Coeur d'Alene, Idaho 83814

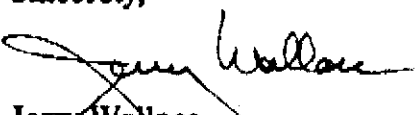
Dear Mr. Haynes:

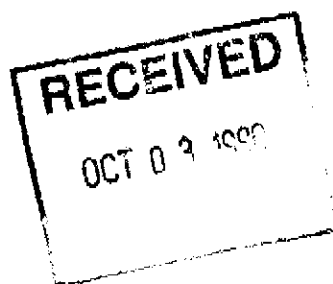
Having recently become the Acting Financial Vice President at the University of Idaho, I find myself just now reminded of an agreement the university made to provide information regarding our water permits by September 1, 1990.

Unfortunately, we have not yet complied with that request and I apologize for any inconvenience this may have caused. I have asked that the necessary information be summarized as soon as possible. As you may have anticipated, we need some time to prepare the information in the format you have required. As soon as I can determine when we can finalize the data, I will call to discuss our timeframe.

Again, I apologize for any inconvenience. Your patience and understanding will be most appreciated.

Sincerely,


Jerry Wallace
Acting Financial Vice President

**University of Idaho**Office of Financial Affairs
Moscow, Idaho 83843

208-885-6174

FAX 208-885-5752

October 1, 1990

Mr. Thomas A. Townsend
447 East Eight Street
Moscow, Idaho 83843

Dear Mr. Townsend:

As noted in my phone conversation with you on September 28, the University of Idaho is developing the appropriate information to respond to the request of the Idaho Department of Water Resources. Further information provided by the university will be as required by the Idaho Department of Water Resources in our effort to clarify the university's water permit status.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jerry Wallace".

Jerry Wallace
Acting Financial Vice Presidentcc: Robert G. Haynes, P.E.
President Elisabeth A. Zinser

1 OCTOBER 1990

Mr. Norman Young
Administrator, Resources Administration Div.
Idaho Department of Water Resources
1301 N. Orchard Avenue, Statehouse Mail
Boise, Idaho 83720

RECEIVED
OCT 3 1990

Department of Water Resources

Dear Mr. Young

This letter constitutes a public and formal charge that the University of Idaho and the Board of Regents of the University of Idaho are knowingly applying public waters of the State of Idaho to uses not in compliance/conformance with the conditions of existing valid water rights held by those parties.

The water rights of the University/Board of Regents on record and established prior to 19 January 1990 specifically authorized usage of public ground water for the sole purposes of domestic and irrigation use.

The reality of the situation is that the license holders actually use this public resource for purposes such as space heating, space cooling, stock watering, scientific research projects and aquaculture support—in addition to the allowed usages.

This usage of the public resource for purposes outside the conditions of a valid water right is clearly known of by the policy making leadership of the institution and is seemingly condoned as demonstrated by their reluctance to rectify the situation.

Director Higginson in his letter of 27 July 1989 to President Zinser noted that IDWR had "researched the university's water right records and has not found an existing water right authorizing the proposed aquaculture use." The action was noted "if there is no existing water right, an application to make an appropriation of water or to modify an existing right must be submitted to the department." The University chose to make a new application which resulted in issuance of WR-87-7141 following a contested hearing.

This action had no effect on the continuing problem of non-conforming usage. IDWR was aware that the University

1.5 cfs per
acre for
cattle
Bonne

was then currently, and for some period in the past, utilizing 80 million gallons per year of public water for aquaculture research purposes in the then existing FWR wet lab.

This was a matter of public record derived from University furnished materials and was made known to Mr. Young in my letter of 8 August 1989.

It has been my hope over the past fourteen months that the University would take the necessary action to modify and amend their existing licensed rights to reflect actual usages. I have repeatedly attempted to convince the University to make these necessary amendments to the public water record of Idaho with no success to date. A detailed record of these efforts is noted in the enclosed letter with appendix of 20 September 1990 to President Zinser.

Given that Director Higginson, Mr. Norman Young, and Mr. Robert Haynes have all made official representations with the University on the matter of non-conforming use it seems to this citizen that enough time has elapsed for the University to take the necessary remedial action.

From my perspective I do not believe the University is acting in good faith. They may in fact be conducting on-campus studies of what current uses they have and the magnitude of these usages. They are also taking an inordinate period of time in so doing.

The University, in my opinion, is absolutely unwilling to modify or amend their water rights in a manner according to existing law that would expose said rights to public review.

That is; however, the law and I expect the laws of Idaho to be upheld by the regulatory agency and the judicial system should that be necessary. It is not my intent to single out the University for scrutiny. The issue of non-conformance came to light as a result of their new demands for water for a new aquaculture facility.

The University of Idaho is not alone in being subject to oversight - witness the Snake River Basin Adjudication program. That judicial action is intended to result in a

"technically correct and legally sufficient - -- water right."

The provisions of Idaho Code, section 42-351 are the crux of the issue in general. The specific non-conforming uses have already been mentioned and can be easily verified. The magnitude of these uses, with the exception of the FWR wet lab noted earlier, are unknown to me. The University probably doesn't know that data themselves lacking a distribution metering/monitoring system.

I am historically aware of how these matters come to pass and the growing sophistication of the regulatory oversight process. The rules have changed and the permittee also has to change to keep pace or face the punitive consequences. A sophisticated entity such as the University of Idaho is certainly expected by the public to do no less.

The University has the known options of modifying the existing rights or by filing new applications for the unpermitted uses. The consequences of not so doing are very clear and require imposition if further dalliance is demonstrated.

I trust this problem can be speedily resolved in accordance with the Idaho Code and in the public arena with public participation.

Regards,

— Thom A. Tamm

447 E 8th Street

Moscow, Idaho 83843

CC: Mr. Robert Hynes, Cd'A Regional Mgr.

Mr. Jerry Wellere, Acting VP, Finance; UI w/o enclosure

Mr. Gene Gray, Chmn. IWRB

447 East Eighth Street
Moscow, Idaho 83843
September 20, 1990

President Elisabeth Zinser
Office of the President
University of Idaho
Moscow, Idaho 83843

Dear President Zinser:

Over a year ago the issue of unpermitted uses of public water by the University arose and remains unresolved to this day. My concerns about the problem have been made repeatedly to Dr. Joseph Geiger, Dr. Ernest Brannen, and Mr. John Rosholt, either by letter or by personal contact; however, without resolution. Copies of some of my correspondence were made available to you as well.

The University's permits and licenses of record in 1989 from the State of Idaho indicated the University had been allowed use of public water at the Moscow site for domestic and irrigation purposes only.

Director Higginson, Idaho Department of Water Resources (IDWR), in his letter to you of 27 July 1989 made note of the fact that they "had not found an existing water right authorizing the proposed aquaculture use." He went on to state, "If there is no existing water right, an application to make an appropriation of water or to modify an existing right must be submitted to the department."

The University chose to proceed with a new application for appropriation which eventually led to the contested hearing before the Director on 30 November 1989.

This action did nothing to modify the continued use of the public water resource for unauthorized purposes by the University of Idaho.

Section 42-351 of the Idaho Code seems very much to the crux of the matter. "The University needs to bring the written record of their water rights into line with what is actually on the ground, either by modifying the existing rights or by filing new applications for those unpermitted uses"--as Mr. Haynes of IDWR already told Dr. Geiger eight months ago.

It is my intention to file a formal protest with the State of Idaho Department of Water Resources to the effect that the University of Idaho is applying water not in conformance with the conditions of a valid water right and has done so for some period of time.

Zinser
September 20, 1990
Page 2

Such protest will go forward on 1 October 1990. Should you care to discuss this matter with me before that time I would be glad to meet with you.

Appendix A is attached as a brief summary of the prior communications and commentary on the elements of the issue.

Regards,

A handwritten signature in black ink, appearing to read "Thomas A. Townsend", with a large, stylized flourish at the end.

Thomas A. Townsend

TAT:alc

Enclosures

APPENDIX A TO PRESIDENT ZINSER LETTER OF 20 SEPTEMBER 1990

The genesis of the probe into the status of existing University of Idaho water rights and permitted usages came as a result of the sudden announcement in June, 1989, by the University of Idaho to construct an on-campus aquaculture facility and to divert additional public water resources to this project.

The question of the unpermitted uses of water by the University became one element in the negotiations between myself and Dr. Geiger, representing the University of Idaho, regarding the wider issues of the aquaculture program.

In my letter of 8 August 1989 to Mr. Norman Young, Idaho Department of Water Resources (copy to Dr. Ernest Brannon) I noted the University already was using 80 million gallons per year for research purposes in the existing FWR wet lab and that such usage was not specifically authorized by the State of Idaho and presumed to be contrary to the Idaho Code.

On 31 October 1989 I met with Dr. Geiger to discuss some possible solutions that would be amenable to both parties. On 6 November 1989 I sent Dr. Geiger a letter that formally outlined some mitigating actions that I believed were relevant to the overall water use problem with the Moscow-Pullman aquifer. These actions if undertaken by the University would satisfy my immediate concerns and in return I would withdraw my protest. Among these mitigating actions requested was item F that the University would make a good faith effort to correct its water rights record to correctly reflect actual usage.

The University, in a draft document dated 16 November 1989, prepared by John Rosholt and to be issued by Dr. Geiger, made six paragraph style responses to my proposals. Paragraph C noted that the "University of Idaho would discuss with the Idaho Department of Water Resources (IDWR) available procedures to obtain a redesignation of water uses to the appropriate labels for the beneficial purposes recognized as appropriate by IDWR without in any way exposing said rights."

I responded by letter to John Rosholt on 18 November 1989 concerning the draft proposal for negotiation. In a portion of that response I said, "Redesignation of water uses is conceded to be a mess. Exposure of existing rights to amend these rights is an unnecessary problem. It is desirable that redesignation be accomplished; however, not at the risk of singular exposure. Concur with paragraph C."

I made that comment because I understood the Idaho Code made it difficult to modify an existing water right without opening up the issue to a public hearing process. This is, however, the law in the matter and not some hurdle I personally was imposing on the University.

The negotiations continued to work and Mr. Rosholt came back on 22 November 1989 with a Fax letter that addressed some of my concerns to the actions outlined in the University proposal of 16 November.

APPENDIX A (Continued)

Page 2

The negotiation phase came to an end at this point since my primary concerns about reduction in pumpage and stabilization of pumping at a prior level were not relieved. However, as far as the usage designation issue was concerned, we were of the same general opinion--that a redesignation of water uses for the existing University of Idaho water rights was in order. The process of amending the existing water rights without exposing those rights to undue critical scrutiny seemed to be the stumbling block for the University.

No action was taken by the University to seek a redesignation process for several months. On 17 January 1990 Mr. Robert Haynes, Regional Manager, IDWR, Northern Division, wrote Dr. Geiger noting the uses of water by the University not authorized by the IDWR and asking the intentions of the University.

The University's attorney, Mr. Rosholt, responded on March 7, 1990, noting the University staff and Dr. Geiger were gathering data as to water use/reuse. Mr. Rosholt was hopeful that the matter could be put to rest by 1 July 1990.

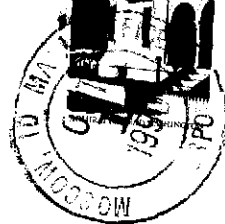
On 6 July 1990 I wrote Mr. Rosholt, with a copy to President Zinser, asking "at what point in time will the University be prepared to bring forth their solution to this problem for discussion and final resolution?"

No answer to this inquiry to Mr. Rosholt has been received to date from either Mr. Rosholt or President Zinser.

Mr Thomas A Townsend
447 E 8th St
Moscow ID
83843



give
The Unit



Mr. Norman Young
Administrator, Resources Admin Div.
Idaho Department of Water Resources
1301 N. Orchard Avenue, Statehouse Mail
Boone, Idaho 83720



State of Idaho
DEPARTMENT OF WATER RESOURCES

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

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

DIRECTOR

July 27, 1989

Elizabeth Zinser, President
University of Idaho
Moscow, ID 83843

RE: AQUACULTURE LABORATORY

Dear Ms. Zinser:

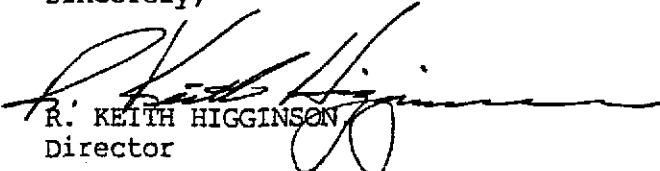
Several articles have recently been published in the Idaho Statesman relative to the University of Idaho's plans to build an aquaculture center on the university campus. Associated with these articles has been a concern expressed to the department by existing water users that the ground water resources in the Moscow-Pullman area are rapidly being depleted and that there is insufficient water for major new uses such as the proposed aquaculture laboratory.

The Department of Water Resources has researched the university's water rights records and has not found an existing water right authorizing the proposed aquaculture use. A listing of those water rights is enclosed. Please advise us if there is a right which you believe authorizes the use which the department has overlooked.

If there is no existing water right, an application to make an appropriation of water or to modify an existing right must be submitted to the department. Given the concerns about the adequacy of the water supplies in the basin that resulted in formation of the local water committee, it is likely that such an application will be protested. If protested, the department will conduct an administrative hearing relative to the merits of each party's argument and will issue a decision accordingly.

I would like to emphasize that this matter needs to be addressed soon and before construction starts on any new facilities.

Sincerely,



R. KEITH HIGGINSON
Director

Encl: Abstract

c: N. Region

IWRB

Chairman, Pullman Moscow Water Resource Committee

George Blumsburg, Water Resource Research Institute

George Krill, Washington Dept. of Ecology

WATER RIGHT ANALYSIS FORM

- DATA ENTRY -

Identification No. 1 87-2005
Old No. New No.

Record

1. Original Owner: Regents of the Univ. of Idaho

Present Owner: _____

2. Address:

3. City: Moscow State: Id Zip: 838434. A. Source of Water: GW

B. Tributary of:

5. A. Stage (A,P,L,D,S,J): L

B. Status (D,L,R,C,A,I,F - leave blank if valid):

C. Priority Date: 3-12-1951D. County: 57E. Total Diversion Rate: 2.2

F. Total Diversion Volume:

G. Transfer/Amendment (P,T of A or blank):

H. Water District:

I. DLE/Carey Act (D,C or blank):

J. Right Basis (for adjudication claims A,B,C only):

	Tract	Sec.	Twp.	Rge.	Gov't Lot	Rediv.
6. A. Point of Diversion	<u>5E5W</u>	<u>7</u>	<u>39N</u>	<u>5W</u>		

7. Period of Use, Use, Diversion Rate/Volume:

from _____	to _____	for <u>D</u> purposes.	Amount <u>2.2</u> (cfs or AC-FT/yr)
from _____	to _____	for _____ purposes.	Amount _____
from _____	to _____	for _____ purposes.	Amount _____
from _____	to _____	for _____ purposes.	Amount _____
from _____	to _____	for _____ purposes.	Amount _____
from _____	to _____	for _____ purposes.	Amount _____

8. Use Code: D

[illegible]

9. A. Decree Name:

B. Decree Date:

10. Remarks: A. *PIU Univ. Campus in Moscow, Id.*
B.
C.
D.
E.

11. Other Uses (Non-irrigation explanatory information):

12. Other Rights for Same Use:

13. A. Proof Due Date:

B. Date Permit Approved or Denied:

C. Protested Date:

D. Hearing Date:

E. 'Old' Number: 22027

F. Proof Made (P or blank):

G. Field Exam Made (P,R,F or blank):

H. Conditions of Approval:

14. Diversion Means (brief narrative):

WATER RIGHT NUMBER 87-2005

WATER RIGHTS EDIT REPORT

10/01/79

PAGE 6

ACT
ION

N
N
N
N
N
N
N

OWNER LAST NAME - REGENTS OF UNIVERSITY OF IDAHO

CITY - MOSCOW

STATE - ID

SOURCE - GROUNDWATER

STAGE - LICENSE

PRIORITY - 03-12-1951 COUNTY - LATAH

TOTAL DIV. RATE - 2.2000CFS

DIVERSION POINT - SESW 07 39N 05W

USE - DOMESTIC

USE DIV. RATE - 2.2000CFS

REMARKS - P/U UNIVERSITY CAMPUS AT MOSCOW.

OLD NO. - 22027

22027

May 23, 1953

Mr. Victor I. Myers
Assistant Professor and Irrigationist
Department of Agricultural Engineering
University of Idaho
Moscow, Idaho

Dear Vic:

There are no filings on Paradise Creek, either for use in Idaho or for use in Washington with point of diversion in Idaho.

The regular application for permit to appropriate unappropriated surface water would apply and we are enclosing the proper form.

There may be some compact provisions that would divide the available water on some of these small streams, but at present we issue permits for use in Washington if the point of diversion is in Idaho. There is interest in Palouse River, South fork of the Palouse and even in Thorn Creek as well as some streams near Coeur d'Alene and Newport.

Very truly yours,

MARK R. KULP
State Reclamation Engineer

K:fg
Enc.

22027

UNIVERSITY OF IDAHO

DEPARTMENT OF AGRICULTURAL ENGINEERING

MOSCOW, IDAHO

May 20, 1953

RECEIVED
MAY 23 1953

Department of Reclamation

Mr. Mark R. Kulp
State Reclamation Engineer
State House
Boise, Idaho

Dear Mark:

Thank you for your letter of May 8 with the information that I had requested. As a follow-up to my earlier letter, I would like to know if there have been any other filings for water out of Paradise Creek.

none

We are planning to use the discharge from the Moscow City sewage disposal plant to surface irrigate 20 acres of the University farm. In as much as the University is the only property owner in Idaho below the sewage plant, I don't expect that there could be any other filings in Idaho that could possibly affect our use of this water. However, I thought it would be wise to check with you to make sure. The low flow from the sewage plant is about 600,000 gallons per day which adequately supplies our needs. If the University administration approves this irrigation plan, we will probably want to file on the discharge from the city sewage plant.

Would you kindly advise me of the procedure we should follow in filing for a water right?

This information will be appreciated.

Very truly yours,

Victor I. Myers

Victor I. Myers
Assistant Professor
and Irrigationist

VIM:jn

22027

22027

May 8, 1953

Mr. Victor I. Myers
Assistant Professor and Irrigationist
University of Idaho
Department of Agricultural Engineering
Moscow, Idaho

Dear Victor:

In reply to your letter of May 6, 1953, in regard to water rights on Paradise Creek:

We have no record of a filing on that stream, but a license has been issued for 2.22 second feet of water from a well in the SE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 7, Township 39 N., Range 5 W. with priority of March 12, 1951 for domestic use on the Campus.

Very truly yours,

MARK R. KULP
State Reclamation Engineer

K:ep

22027

UNIVERSITY OF IDAHO

DEPARTMENT OF AGRICULTURAL ENGINEERING

MOSCOW, IDAHO

May 6, 1953

RECEIVED
MAY 8 1953
Department of Reclamation

Mr. Mark R. Kulp
State Reclamation Engineer
Capital Building
Boise, Idaho

Dear Mark:

I would like information as to the status of water rights on Paradise Creek that flows through the University farm.

When Max was here at the University, he had written to you in 1950 in regard to filing rights on the creek. I do not, however, see any reference to the disposition of the matter and will appreciate any information that you can give me.

Your reply will be greatly appreciated.

Sincerely yours,

Victor I. Myers

Victor I. Myers
Assistant Professor
and Irrigationist

VIM:jn

L 22027 (5026)

2,220/5 - mch - SE SW 1/4 39th & W

domestic campus -

3-12-51

22027

✓
November 25, 1952

RE: Permit No. 22027

Mr. Kenneth A. Dick, Bursar
University of Idaho
Moscow, Idaho

Dear Mr. Dick:

We enclose License and Certificate of Water Right issued under Permit No. 22027, confirming the right of the Regents of the University of Idaho to the use of 2.22 second feet of water from a well in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 7, Township 39 North, Range 5 West, B.M., with priority of March 12, 1951, for domestic water supply on the University campus.

We also enclose departmental receipt No. 25146 for the \$5.00 license fee.

Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

Chief Clerk

A:fg
Enc.

22027

October 23, 1952

RE: Permit No. 22027

Mr. Kenneth A. Dick, Burser
University of Idaho
Moscow, Idaho

Dear Mr. Dick:

The report of our field engineer on examination for beneficial use on Permit No. 22027 is now on file.

Therefore, upon receipt of the statutory fee of \$5.00, a license will be issued for 111 inches, or 2.22 second feet, of water from a well in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 7, Township 39 North, Range 5 West, B.M., for domestic water supply on the University campus.

Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

Chief Clerk

A:fg

22027

UNIVERSITY OF IDAHO
MOSCOW, IDAHO

6 October 1952

State Reclamation Department
State House
Boise, Idaho

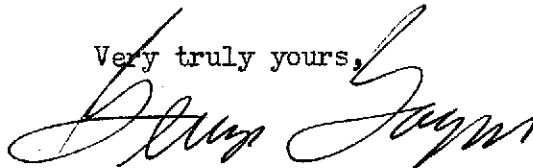
ATTENTION: Mr. E. N. Humphrey

Gentlemen:

Enclosed you will find one print of our drawing No. 1-A-8 for your file. This drawing shows the location of the two University wells and the log of the wells.

If you have any further questions, please feel free to call on us.

Very truly yours,



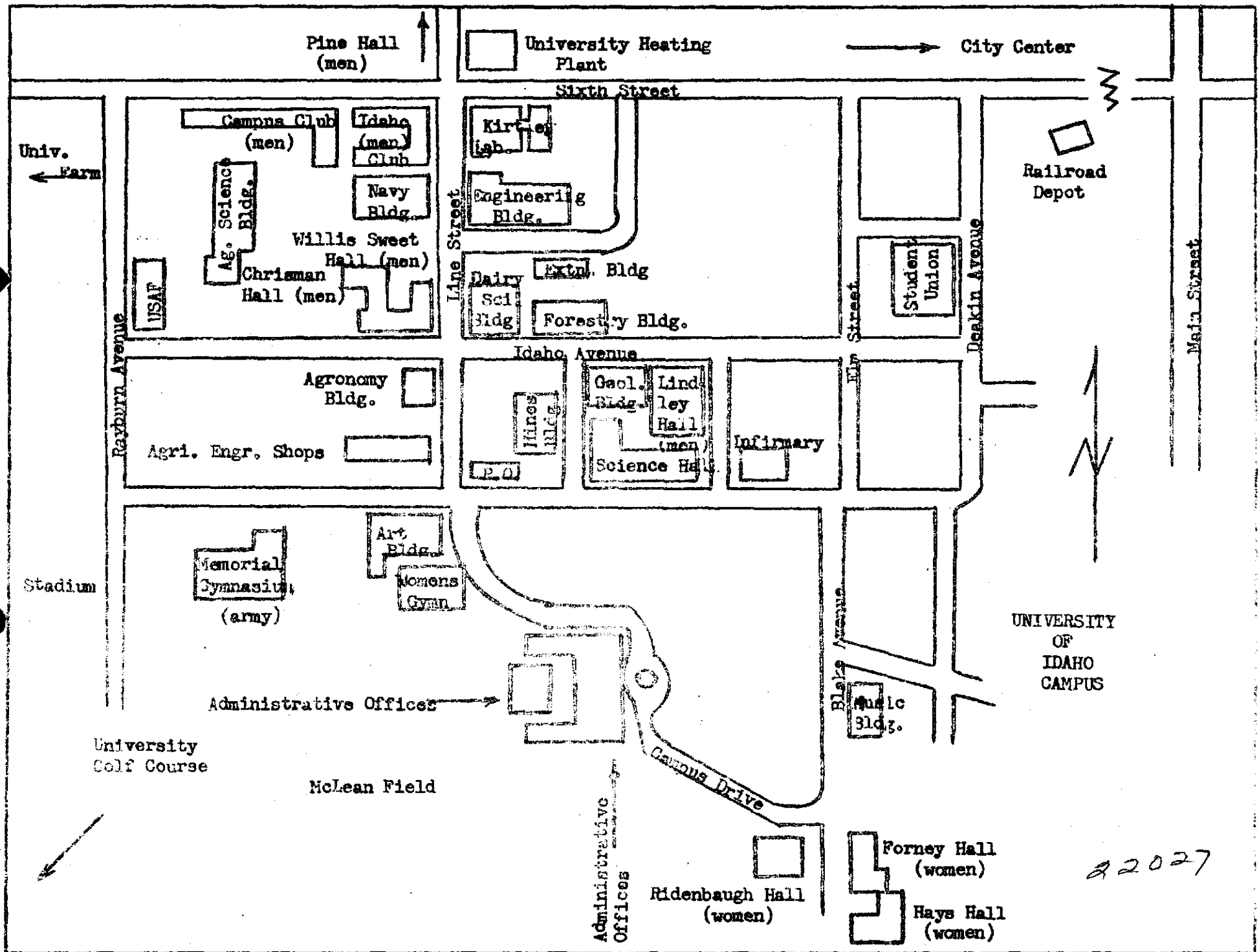
George Gagon
University Engineer
Physical Plant Division

JAParker:df

Enc.

22027

UNIVERSITY OF IDAHO CAMPUS



Reinforced concrete 64 ft,
13 1/2" wide x 20' x 10' high -
concrete floor.

H. C. motor 125 hp,

2300 V. 1770 rpm.

60 c/s 3 ph. 29 amperes.

Leage Boulder pump?

12364

Boasting house controls

117 # line gauge.

water del to 5 thru 10"

thru Smith valves 10"

thru Williams & Hager

check valve # 9016.
Recent pumps

Temp = 55° F in line ?
probably 50° in well.

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE

REPORT OF ENGINEER

PERMIT NO. 22027

REPORT ON PROOF OF Beneficial use

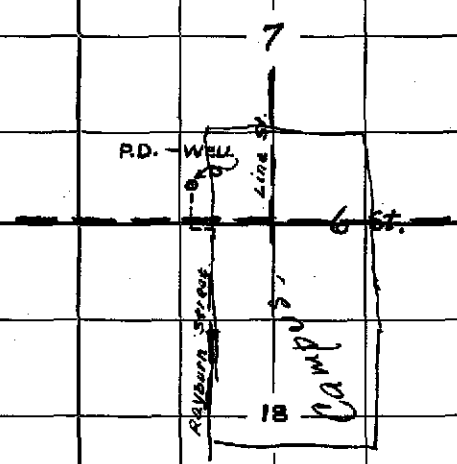
UNIVERSITY OF IDAHO, Moscow, Idaho
Kenneth A. Dick, Bursar

222 cfs
mex

Parkway gas (Tad)

R. 5W.

T.
30
N.



Can allow 111 inches
222 cfs

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO
REPORT OF ENGINEER

Permit No. 22027

This proof is for Beneficial use In Water District No. _____1. Name of applicant University of Idaho, Moscow- Kenneth A. Dick, Bursar2. Source of water supply: A well (subterranean flow)3. Location of point of diversion: Is in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 7T. 39 N. R. 5 W. County of Latah

4. Describe works as they exist, giving dimensions and capacities of same: Well is 354' deep. 30" diameter first 41', 24" diameter balance of depth. 20" casing to the bottom. Well is gravel packed. Pump sets down 120'. 10" column. 8 stage. 12" bowls. Rated at 1,000 g.p.m. at 364' head, or 820 g.p.m. at 450' head. Temp. is 50° F. Lift into the tower is 378'. Delivery is through a 10" pipe line into an 8" line into a 60,000 gal. storage tank. There is approximately 1700' of 10" pipe line. 3,070' of 8" line. Building is made of reinforced concrete 13'2" by 20' by 10' high. Concrete floor. G.E. motor 125 h.p., 2300 V. 1770 r.p.m. 60 cycle, 3 phase, 29 amps. Pump is Layne Bowler turbine No. 17364. Controls are Westinghouse, located inside the pump house. Gauge pressure 117 lbs.

5. Water is used for: Domestic water supply on University campus6. State whether or not water has been turned into works of diversion: Yes

7. List legal subdivisions of lands to be irrigated. If proof is for beneficial use, give exact number of acres under cultivation in each forty-acre tract. (Describe manner and place of use if other than irrigation):

University Campus, at Moscow, IdahoSee Map

(Submit map on attached plat, showing location and details of above description.)

8. What large stream would the water here appropriated finally reach? _____

Remarks: _____

This examination was made on the 1st day of October, 19 52.(Signed) E. N. Humphrey

Examiner.

22027

Delivery thru 10" line (C.R.) into 8" line
into storage tank 6000 gal. (changing to 5000 gal. room)
Approx. 1700' x 10" line.

3070 x 8" line.

This plus one other well.
furnishes water for all

RECEIVED
OCT 23 1952

Department of Reclamation

INSTRUCTIONS TO EXAMINERS

1. Always carefully note the location of the point of diversion and accurately plat same.
2. When proof is for beneficial use, carefully check up the number of acres actually irrigated in each forty and accurately plat same.
3. Make a map showing the correct location of streams and ditches, and the irrigated lands, and any adjacent permanent landmarks, such as towns, lakes, large streams and public roads.
4. If any unusual conditions are discovered, make plain statement of them under remarks.
5. Always see the holder, if possible, and go over the whole ground with him and make your report only upon actual existing facts and conditions.
6. Give general characteristics of soils, topography, and crops raised.

Brackney as Sept.

University of Idaho
Moscow, Idaho

Permit No. 22027

Examination for Beneficial use

County Latah
S. 7 - 39 N - 5 W

Q = 5.0 cfs.

S - Well

P.D. = SE. SW. Sec. 7, T. 39 N., R. 5 W

U. - Don. (U. of 9. Camps)

P.D. = 1290 ft W. }
= 545' N. } for. SE SW
S 7 - 39 N - 5 W.

1750' of 10" pipe

drawdown: to 120'
static h. = 60' after long static.

Priority = March 12, 1951
Due - Sept. 1, 1952

11 35.8 17 17.01
11 24.10

Perf. = 1120' 12" center vert.
with 3' perf. around pipe.
Well = 35' 4' deep.

30" d. x 41' then 24" d.

20" cap. perf. { 305' to 355'
190' to 25' & 60' to 90'
well is packed 305' in bottom
1/4 to 1/2 inch gravel
5' of sand on top of gravel. 45'
then gravel concrete = curbing.

Pump sets down 120'
10" column

8 stages 12" bowls.

rd 1000 gpm @ 364' head.
820' @ 450'

111 inches
9100'
2/10

Temp 50°F. 14°C.

2806 elev. of bot. of tank.
2548. " " well.

25' 8"
120' 8' lift.
37' 8'

September 23, 1952

RE: Permit No. 22027

Head of Buildings and Grounds Department
University of Idaho
Moscow, Idaho

Dear Sir:

As you know, an inspection is required by law in connection with your Permit No. 22027, for a well for water supply on the University Campus.

I plan to make this inspection sometime during the middle or latter part of next week. I will contact you at that time and hope you will arrange to have someone accompany me on the inspection.

Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

E. N. Humphrey
Deputy State Reclamation Engineer

A:fg

22027

UNIVERSITY OF IDAHO
MOSCOW

OFFICE OF THE BURSAR

25 July 1952

22027

RECEIVED
JUL 28 1952
Department of Reclamation

Mr. Mark R. Kulp
The Department of Reclamation
State of Idaho
Boise, Idaho

Attention Jeanne L. Anderson, Chief Clerk

Dear Sir:

This is to acknowledge your letter of 18 July 1952 concerning the advertisement for water permit #22027 and to confirm the fact that the cost of this advertisement will be paid by the University. The Daily Idahonian is requested to change the billing from State Reclamation Engineer to the University of Idaho.

Very truly yours,

Kenneth A. Dick
Kenneth A. Dick
Bursar

d:m

c.c. Daily Idahonian

22027

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

Permit No. 22027

Proof of Application of Water to Beneficial Use

Deposition of Holder

Ques. 1. State your name, residence, occupation and postoffice address.

Ans. Kenneth A. Dick, Moscow, Idaho; University of Idaho Bursar, Moscow, Idaho

Ques. 2. If acting in behalf of corporation, state its name, principal place of business (if a foreign corporation, give name of postoffice of statutory agent), your position with reference to same, and your authority for appearing in its behalf.

Ans. The Regents of the University of Idaho, Moscow, Idaho, Bursar.

Ques. 3. State number and date of permit, and date of priority you propose to establish under the permit.

Ans. No. 22027; April 14, 1951; Date of Priority-March 12, 1951

Ques. 4. State source of water supply and give exact location of point of diversion.

Ans. A drilled well (subterranean flow) located 1290 feet W. and 545 feet N. from the SE corner of the SW Quarter of Sec. 7, Twp. 39 N., R. 5 W., B.M. and in the SE 1/4 of the SW 1/4 of said Section 7.

Ques. 5. Describe your works of diversion, and state amount of water they are capable of conveying from point of diversion to place of use, and give name of canal or ditch or other works by which water is conducted to such place of use. If a well, state depth of well, depth and size of casing and depth to water. If pump is used, state discharge of pump and tell how it was measured or determined.

Ans. Drilled well 355 feet deep; 20 inch diameter casing 355 feet deep; depth from ground surface to water level in well is 63 feet more or less; Deep well turbine delivering 1000 gallons per minute at 125 lbs. per square inch pressure determined by Factory Test. Water discharged from pump is conducted to University domestic water system through a 10 inch diameter cast iron water main.

Ques. 6. State for what purpose water is used and describe place of use. (If for irrigation, name each subdivision in which used, and number of acres in each subdivision that have actually been irrigated with said water.) State whether cultivated or natural meadow land and the nature of all improvements which have been made as a direct result of said use.

Ans. Water is used for domestic water supply and is distributed through existing water main system to buildings on University of Idaho Campus.

22027

Ques. 7. If for other than irrigation purposes; state how applied, amount of horse power generated, etc.

Ans. See answer to Question No. 6.

Ques. 8. What is the minimum amount of water required for the purpose specified above?

Ans. Domestic Water Supply; Minimum amount of water required is approx. 500,000 gallons per day.

Ques. 9. If you are not the person or representative of the corporation to whom above mentioned permit was originally issued, please state how ownership was acquired by present holder.

Ans.

Ques. 10. State when, how, in what amount and to what extent the water diverted under above mentioned permit has been used.

Ans. The described pump was placed in operation during May 1952 and the water has been pumped into the University of Idaho water system for domestic water use.

Ques. 11. State when, how, in what amount and to what extent waters other than those diverted under the above mentioned permit have been diverted and applied to beneficial use upon the lands herein described. Give full particulars regarding such other appropriations and rights claimed thereunder.

Ans. None

(Sign)

I hereby certify that the foregoing testimony was read to the above subscribed before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me, at my office in Moscow, County of Latah, State of Idaho, on this 12th day of July, A. D. 1952.

H. E. SLADE, Notary Public
Latah County, Moscow, Idaho
My Commission Expires 9/20/53

My commission expires

22027

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

Permit No. 22027

Proof of Application of Water to Beneficial Use

Deposition of Witness

The deposition of two witnesses, on this form, taken separately, required in each case.

Ques. 1. State your name, age, residence, occupation and postoffice address.

Ans. George Gagon, Age 38, Moscow, Idaho; University Engineer for University
of Idaho, Moscow, Idaho.

Ques. 2. Are you acquainted with Regents of University of Idaho, the
holder of Permit No. 22027? How long have you known him and where does
he reside?

Ans. Yes. 5 years, Moscow, Idaho

Ques. 3. Have you read or heard read said Permit No. 22027, and are you
familiar with its provisions and conditions?

Ans. Yes.

Ques. 4. State source of water supply, place of diversion, and describe works for con-
veying water from point of diversion to place of use.

Ans. A drilled well, (Subterranean flow) located 1290 feet West and 545 feet North
from the Southeast corner of the Southwest Quarter of Section 7, Twp. 39 North, Range
5 West, B.M. Water pumped from well by a pump and is conveyed through a 10 inch
diameter C.I. water main.

Ques. 5. How many second feet of water do you estimate said works will safely con-
duct to place of use, and how much water have you seen being so conveyed?

Ans. Five second feet; 2 1/4 second feet.

Ques. 6. (Pumps) How much water in cubic feet per second, miner's inches, or gallons
per minute have you seen the pump deliver, and how did you measure or estimate the
amount?

Ans. I have seen the pump deliver 1000 g.p.m. This amount was determined by
meter on a Venturi tube in the discharge line.

22027

Ques. 7. State for what purpose water is used and at what place. (If for irrigation, give each subdivision in which water has been used and number of acres irrigated in each subdivision.) State whether cultivated or natural meadow land and the nature of all improvements which have been made as a direct result of said use.

Ans. The water is used for domestic water supply and is distributed through existing water mains to University Buildings on the University of Idaho Campus.

Ques. 8. If for power or other purposes than irrigation, state how water has been applied and to what extent.

Ans.

Ques. 9. (If for irrigation) state character of land that has been reclaimed, and give your estimate of the amount of water required for its profitable cultivation.

Ans.

Ques. 10. Have you any interest in the works, water or lands above mentioned? If so, in what way and to what extent?

Ans. None

Ques. 11. State when, how, in what amount and to what extent you have witnessed the application to beneficial use of water diverted under said permit.

Ans. Since pump was placed in operation in May 1952, have seen pump operating and delivering water at the rate of 1000 g.p.m.

(Signed)



I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me in Moscow, County of Latah, State of Idaho, on this 18th day of July, A. D. 1952.

Notary Public.

My commission expires

H. E. SLADE, Notary Public
Latah County, Moscow, Idaho
My Commission Expires 9/20/53

22027

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

Permit No. 22027

Proof of Application of Water to Beneficial Use

Deposition of Witness

The deposition of two witnesses, on this form, taken separately, required in each case.

Ques. 1. State your name, age, residence, occupation and postoffice address.

Ans. James A. Parker, Age 30, Moscow, Idaho; Engineering Designer for
University of Idaho, Moscow, Idaho.

Ques. 2. Are you acquainted with Regents of University of Idaho, the
holder of Permit No. 22027? How long have you known him and where does
he reside?

Ans. Yes. 3 years, Moscow, Idaho.

Ques. 3. Have you read or heard read said Permit No. 22027, and are you
familiar with its provisions and conditions?

Ans. Yes.

Ques. 4. State source of water supply, place of diversion, and describe works for con-
veying water from point of diversion to place of use.

Ans. A drilled well, (subterranean flow) located 1290 feet West and 545 feet North from
the Southeast corner of the Southwest Quarter of Section 7, Twp. 39 North, Range
5 West, B.M. Water pumped from well by a pump and is conveyed through a 10 inch
diameter C. I. water main.

Ques. 5. How many second feet of water do you estimate said works will safely con-
duct to place of use, and how much water have you seen being so conveyed?

Ans. Five second feet; 2 1/4 second feet.

Ques. 6. (Pumps) How much water in cubic feet per second, miner's inches, or gallons
per minute have you seen the pump deliver, and how did you measure or estimate the
amount?

Ans. I have seen the pump deliver 1000 g.p.m.. This amount was determined by
meter on a Venturi tube in the discharge line.

22027

Ques. 7. State for what purpose water is used and at what place. (If for irrigation, give each subdivision in which water has been used and number of acres irrigated in each subdivision.) State whether cultivated or natural meadow land and the nature of all improvements which have been made as a direct result of said use.

Ans. The water is used for domestic water supply and is distributed through existing water mains to University Buildings on the University of Idaho Campus.

Ques. 8. If for power or other purposes than irrigation, state how water has been applied and to what extent.

Ans.

Ques. 9. (If for irrigation) state character of land that has been reclaimed, and give your estimate of the amount of water required for its profitable cultivation.

Ans.

Ques. 10. Have you any interest in the works, water or lands above mentioned? If so, in what way and to what extent?

Ans. None

Ques. 11. State when, how, in what amount and to what extent you have witnessed the application to beneficial use of water diverted under said permit.

Ans. Since pump was placed in operation in May 1952, have seen pump operating and delivering water at the rate of 1000 g.p.m.

(Signed)

James A. Parker

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me in Moscow, County of Latah, State of Idaho, on this 18th day of July, A. D. 1952.

H. E. Slade
Notary Public.

My commission expires

H. E. SLADE, Notary Public
Latah County, Moscow, Idaho
My Commission Expires 9/20/53

22627

July 23, 1952

RE: Permits Nos. 21595 and 22027

Mr. Kenneth A. Dick, Bursar
University of Idaho
Moscow, Idaho

Dear Mr. Dick:

We acknowledge receipt of your letter of July 21, 1952, enclosing beneficial use proofs on the above numbered permits.

As we wrote you on July 18, we have the affidavit of publication from the Daily Idahoan in connection with Permit No. 22027.

However, the Sandpoint News Bulletin was instructed to send you the affidavit of publication in connection with Permit No. 21595. If you have received it, it should be transmitted to this department as it is a necessary part of the proof; and if you have not received it, we suggest you take the matter up with that newspaper at once.

Before final action is taken on these permits, the law requires that a field inspection be made by an engineer from this department and he will try and contact someone on the premises at the time the inspection is to be made.

Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

Chief Clerk

A:fg

22027

July 18, 1952

RE: Permit No. 22027

Mr. Kenneth A. Dick, Bursar
University of Idaho
Moscow, Idaho

Dear Mr. Dick:

We have received from The Daily Idahonian affidavit of publication in connection with beneficial use proof on Permit No. 22027 of the Regents of the University of Idaho, together with statement of costs.

Evidently Mr. Marinneau overlooked the fact that when we sent the notice for publication we stated that the cost was to be paid by the University, so we are enclosing the statement to you herewith.

Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

Chief Clerk

A:fg
Enc.
cc: The Daily Idahonian

22027

Affidavit of Publication

STATE OF IDAHO
County of Latah

ss.

W. J. Marneau

being first duly sworn, on oath,
deposes and says:

That he is the printer of The
DAILY IDAHONIAN, a newspaper
of general circulation, printed and
published daily except Sunday at
Moscow, Latah County, Idaho, in
compliance with Sections 60-106,
60-107, and 60-108 of the Idaho
Code and the amendments there-
to; that the notice of which the
annexed is a full, true and correct
printed copy was published in the
regular and entire issues of said
newspaper and not in a supple-
ment thereto, upon the following

dates:

June 12-19-26

July 3, 1952.

the same being the dates desig-
nated for the publication of said
legal notice.

W. J. Marneau

Subscribed and sworn to before

me this 14 day of July

1952

W. J. Marneau

Notary Public,

residing at Moscow, Idaho

NOTICE OF PROOF APPLICATION FOR WATER TO BE USED FOR IRRIGATION

Notice hereby given that at 10:00
A.M. on the 14th day of July, 1952,
at Moscow, County of Latah, State of
Idaho, before Gene Blaine, Notary
Public, proof will be submitted of the
application to beneficial use of five
cubic feet per second of the waters
of a drilled well in accordance with
the terms and conditions of Permit
No. 22027 heretofore issued by the
Reclamation Engineer of the State of
Idaho.

The name and position of each of
the person or corporation who has said
permit are The Regents of the Univer-
sity of Idaho, Moscow, Idaho.

The use to which said water has
been applied is domestic.

The amount applied to beneficial
use is five seconds.

The place where said water is used
is the campus of the University of
Idaho at Moscow, Idaho.

The name of the person or corporation
other works by which said water is
conducted to such use is None.

The right to the use of such
works is based on Permit No. 22027.

The source of the water from which
such water is drawn is a drilled well
located 1250 ft. North of the SE corner of
the NE 1/4, S7,
T24N, R5W, BM.

The date of priority of said user
is prepared to establish March 12,
1951.

MARK R. KULP,

State Reclamation Engineer

4-t. June 12-19-26 July 3

22027

June 14, 1952

RE: Permit No. 22027

Daily Idahonian
Moscow
Idaho

Gentlemen:

We have checked the notice of beneficial use proof on Permit No. 22027 of the University of Idaho, appearing in your issue of June 12, 1952, and find the same to be correct with one exception. In the first paragraph, the word address should be inserted after the word post office.

Please make this correction in your subsequent issues.

Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

Chief Clerk

A:fg

22027

STATE OF IDAHO
DEPARTMENT OF RECLAMATION
BOISE, IDAHO

Re: Permit No. 22027

Date: June 9, 1952

Daily Idahonian

Moscow, Idaho

Gentlemen:

Enclosed you will find notice for publication once a week for four consecutive weeks prior to July 18, 1952, the date set for proof, the expense of the publication to be paid by the applicant, University of Idaho, C/o Kenneth A. Dick, Bursar, of Moscow, Idaho, to whom you should furnish proof of publication on or prior to the date set for proof.

Please acknowledge receipt of this notice, and furnish this office with a copy of the first publication.

Very truly yours,

MARK R. KULP

State Reclamation Engineer

By

Chief Clerk

22027

NOTICE FOR PUBLICATION
NOTICE OF PROOF APPLICATION OF WATER
TO BENEFICIAL USE

Notice is hereby given that at 10:00 A. M. on the 18th day of July, 1952,
at Moscow, County of Latah, State of Idaho, before
Gene Slade, Notary Public, proof will be submitted of the
application to beneficial use of five cubic feet per second of the waters of a drilled well
in accordance with the terms and conditions of Permit No. 22027
heretofore issued by the Reclamation Engineer of the State of Idaho.

The name and postoffice address of the person or corporation holding said permit are _____

The Regents of the University of Idaho, Moscow, Idaho

The use to which said water has been applied is domestic

The amount applied to beneficial use is five second feet

The place where said water is used ~~is for irrigation, as follows: a complete description of the lands irrigated~~

is the campus of the University of Idaho at Moscow, Idaho

The name of the canal or ditch or other works by which said water is conducted to such place of use is _____

None

The right to take water from such works is based upon Permit No. 22027

The source of supply from which such water is diverted is a drilled well located

1290 ft. West and 545 ft. North from the SE corner of the SW 1/4, S7, T39N, R5W, EM.

The date of priority which said user is prepared to establish is the 18th day of July 1952
~~the 18th day of July 1952~~

MARK R. KULP

State Reclamation Engineer.

Gene Slade
24 May 52

22027

✓
June 9, 1952

RE: Permit No. 22027

Mr. Kenneth A. Dick, Burser
University of Idaho
Moscow, Idaho

Dear Mr. Dick:

We enclose Certificate of Completion of Works issued under Permit No. 22027 for the diversion of 5 second feet of water from a drilled well in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 7, Township 39 North, Range 5 East, B.M., for domestic water supply of the University of Idaho.

We shall send to the Daily Idahonian notice of beneficial use proof to be made under this permit on July 18, 1952, with instructions to publish it once a week for four consecutive weeks prior to that date and to send you the affidavit of publication together with statement of costs.

We enclose the necessary forms of deposition to be used in making this proof consisting of one for the permit holder and one for each of two disinterested witnesses.

Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

Chief Clerk

A:fg
Enc.

22027

UNIVERSITY OF IDAHO
MOSCOW

OFFICE OF THE BURSAR

2 June 1952

RECEIVED
JUN 5 1952
Department of Reclamation

State Reclamation Engineer
State House
Boise, Idaho

Reference: permit No.
22027

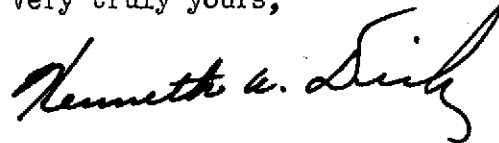
Dear Sir:

I return herewith the following documents concerning permit No. 22027:

1. One copy of form No. 6 completed and notarized.
2. One copy of form No. 11.
3. Two copies of form No. 10 completed.

I trust that you will find these in proper order.

Very truly yours,



Kenneth A. Dick
Bursar

d.1
enc. 4

22027

Permit No. 22027

STATE OF IDAHO
Department of Reclamation

Proof of Completion of Works

AFFIDAVIT OF HOLDER

STATE OF IDAHO

County of Latah
The Regents of the
University of Idaho

ss.

being first duly sworn, upon his oath deposes and says:

First: That he is the holder and owner of Permit to appropriate the Public Waters of the State of Idaho, No. 22027, and that his postoffice address is Moscow

State of Idaho

Second: That the ~~name of the stream which said~~ water is to be ^{FROM} ~~directed~~ ^{DIVERTED} is from a drilled well

Third: That the point of diversion of said water is 1290 ft. West and 545 ft. North from the Southeast corner of the SW 1/4, S7, T39N, R.5W, BM.

Fourth: That under the terms and conditions of said permit, construction thereunder was required to be completed by September 1, 1952.

Fifth: That the use for which said water is intended is domestic water to augment present water system.

Sixth: That on the date above mentioned, the works constructed under said permit were (or were not) fully completed and consisted of the following:

I. Kind of works: Drilled Well, pump and pipe line
(Reservoir, dam, ditch, flume, pipe or otherwise)

II. Dimensions of work: Drilled well with 20" diameter casing, 350 ft. deep; 1000 g. pm

(a) Height of dam feet, length of dam at top feet, length of dam at bottom feet. Material used in construction

(State whether wood, earth, stone or concrete)

(b) Capacity of reservoir acre feet.

(c) Size of headgate: Width feet, height feet.

(d) Conduit width at bottom feet, width at water line
(State whether ditch, flume or pipe)

feet, depth of water feet; diameter of pipe 10 inches, average grade

per mile is feet. Length of conduit is 1750 ft. of 10 inch diameter C.I. water pipe

Seventh: That said works are capable of conducting to the place of intended use

Five second feet of water.

Eighth: That water appropriated under said permit is available for acres of land described as follows:

Ninth: Remarks: That the 10 inch diameter pipe 1750 feet long connects the well with the University of Idaho's existing domestic water system at the intersection of Rayburn and Idaho Streets in Moscow, Idaho.

Kenneth A. Shick

(Sign Here)

Bursar

for the Regents of the University of Idaho

Subscribed and sworn to before me this 22nd day of June, 1952

My commission expires
H. E. SLADE, Notary Public
Latah County, Moscow, Idaho
My Commission Expires 9/20/53

H. E. Slade
Notary Public.

Benjamin S. Sager
24 May 52

22027

NOTICE TO ACCOMPANY THIS LETTER MUST BE MADE IN DUPLICATE

(Date).....

(P. O.) Moscow, Idaho

TO THE STATE RECLAMATION ENGINEER:

Boise, Idaho.

Dear Sir:

You are hereby authorized to have the attached notice published at my expense in the
Daily Idahonian of Moscow, Idaho published in
the county in which the works are situated.

The Regents
of the

University of Idaho

Kenneth A. Sief, Bureau

(In case of canals or other works designed to divert and carry more than 50 cubic feet of water per second, the following certificate must be signed by a well-known and competent engineer.)

I hereby certify that the facts set forth in the attached notice are true.

Engineer.

22027

Edgman
24 May 52

✓
April 2, 1952

RE: Permit No. 22027

Mr. Kenneth A. Dick, Bursar,
University of Idaho
Moscow, Idaho

Dear Mr. Dick:

We enclose Approval of the State Reclamation Engineer
of the application of The Regents of the University of Idaho
for extension of time for completion of works on Permit No.
22027 to September 1, 1952.

This should be attached to the original permit of which
it now forms a part.

Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

Chief Clerk

A:fg
Enc.

22027

UNIVERSITY OF IDAHO
MOSCOW

OFFICE OF THE BURSAR

27 March 1952

RECEIVED
MAR 31 1952
Department of Reclamation

Mr. Mark R. Kulp
State Reclamation Engineer
Department of Reclamation
State House
Boise, Idaho

Dear Mr. Kulp:

I enclose herewith a completed application for extension of time on water permit No. 22027 in connection with a well for the University of Idaho located on its campus. I trust that you will find this application in order.

Very truly yours,

Kenneth A. Dick
Bursar

d.l

enc.

22027

Permit No. 22027

Application for Extension of Time FOR COMPLETION OF WORKS

The Regents, of The University of Idaho

State of Idaho, being first duly sworn, upon his oath deposes and says:

He is the owner and holder of Permit to Appropriate the Public Waters of the State of Idaho
No. 22027

Under the terms and conditions of said permit, construction work thereunder was required to be
completed by April 11, 1952.

That he has heretofore performed the following work described under said permit:

1. Well drilled and cased to a depth of 355 feet. Casing Diameter 20"
2. Concrete Pumphouse constructed over well - approximately 90% completed
3. Pump controls and chlorinator purchased but not installed.
4. 1000 G.P.W. Pump and Motor starter purchased but not installed.
5. 1750 ft. of 10" C.I. water main installed from existing main to well site

costing \$ 49,500.00

That he is unable to complete the remainder of the work within the required time, for the following reasons, to-wit:

The well driller encountered an extremely hard rock condition which delayed the completion of the drilled well. Due to the hard rock condition and other well drilling problems, the completion of the drilled well was delayed 2 years.

Since the completion of the drilled well, inclement weather has delayed the completion of the deep well pump and other work in conjunction with the project.

WHEREFORE, He asks that the Commissioner of Reclamation extend the time for the completion of works under said permit to September 1, 1952.

20 March 52
The Regents of the University of Idaho
by Kenneth A. Dick, Bureau & authorized agent.

Subscribed and sworn to before me this 28th day of March, 1952

My commission expires 20 September 1953

Notary Public.

Date of receipt at office of Department of Reclamation March 31, 1952

STATE RECLAMATION ENGINEER
APPROVAL OF ~~COMMISSIONER OF RECLAMATION~~
Merk R. Kulp, State Reclamation Engineer

I, Merk R. Kulp, Commissioner of Reclamation of the State of Idaho, hereby extend the time for the completion of construction work under Permit to Appropriate the Public Waters of the State of Idaho, No. 22027 to

September 1, 1952

Witness my hand this 1st day of April, 1952

Mark R. Kulp
State Reclamation Engineer

22027

February 29, 1952

Re: Permit No. 22027

Mr. George Gagon
University Engineer
Physical Plant Division
University of Idaho
Moscow, Idaho

Dear Mr. Gagon:

In reply to your telephone request, we enclose a form of application for extension of time for completion of works under the above numbered permit.

This application may be made out for the length of time desired, executed before a Notary Public, and returned to this Department for approval and record.

Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

Encl.

Chief Clerk

22027

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

BOISE

Regents of the University of Idaho
C/o Kenneth A. Dick, Bursar
Moscow, Idaho

February 1, 1952

Dear Sir:

Under the terms of your permit No. 22027 you are required to complete your diversion works and make proof of beneficial use on or before

April 14, 1952.

We enclose herewith a blank affidavit to be filled out, sworn to by you before a Notary Public or Justice of the Peace, and returned to this office on or before the above date, or within ten days thereafter, for the purpose of making proof of completion under the permit. Upon receipt of this affidavit in this office, provided the same satisfactorily shows the Completion of the Works substantially in accordance with the terms of the permit, together with a fee of \$5.00, a Certificate of Completion of Works will be issued to you.

We also enclose blank notice for proof of application of water to Beneficial Use under this permit, which should be filled out and returned to this office at least forty (40) days before the date upon which you wish to make proof. The proof must be submitted before a Notary Public or other officer authorized by law to administer oaths. The date for proof as set out in your permit, is April 14, 1952, and if proof is submitted subsequent to said date, your priority will be brought down a length of time equal to the time elapsing between the date proof should have been made and the date proof is actually made.

Very truly yours,

MARK R. KULP

State Reclamation Engineer

22027

December 12, 1951

RE: Permit No. 22027

Mr. Kenneth A. Dick, Bursar
University of Idaho
Moscow, Idaho

Dear Mr. Dick:

Your letter of December 8, 1951, requests the forms for making proofs on Permit No. 29708. 29708 is the application number and it is Permit No. 22027.

Proof of completion of works and beneficial use are both due on or before April 14, 1952. Completion of works proof may be made on Form 6 enclosed, but beneficial use proof requires publication once a week in a county newspaper for four weeks prior to making the proof. This notice should be made in duplicate on Form 10 enclosed, setting time and place and naming the Notary Public before whom proof is to be made. Both copies of Form 10 to be returned to this department together with Form 11 which is authorization for us to have the notice published at permit holder's expense in the designated county newspaper.

Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

Chief Clerk

A:fg
Enc.

22027

April 17, 1951

Re: Permit No. 22027

Mr. Kenneth A. Dick, Bursar
University of Idaho
Moscow, Idaho

Dear Mr. Dick:

We enclose Permit No. 22027 in the name
of the Regents of the University of Idaho, and
direct attention to the limitations and conditions
as given on the fourth page under approval of the
State Reclamation Engineer.

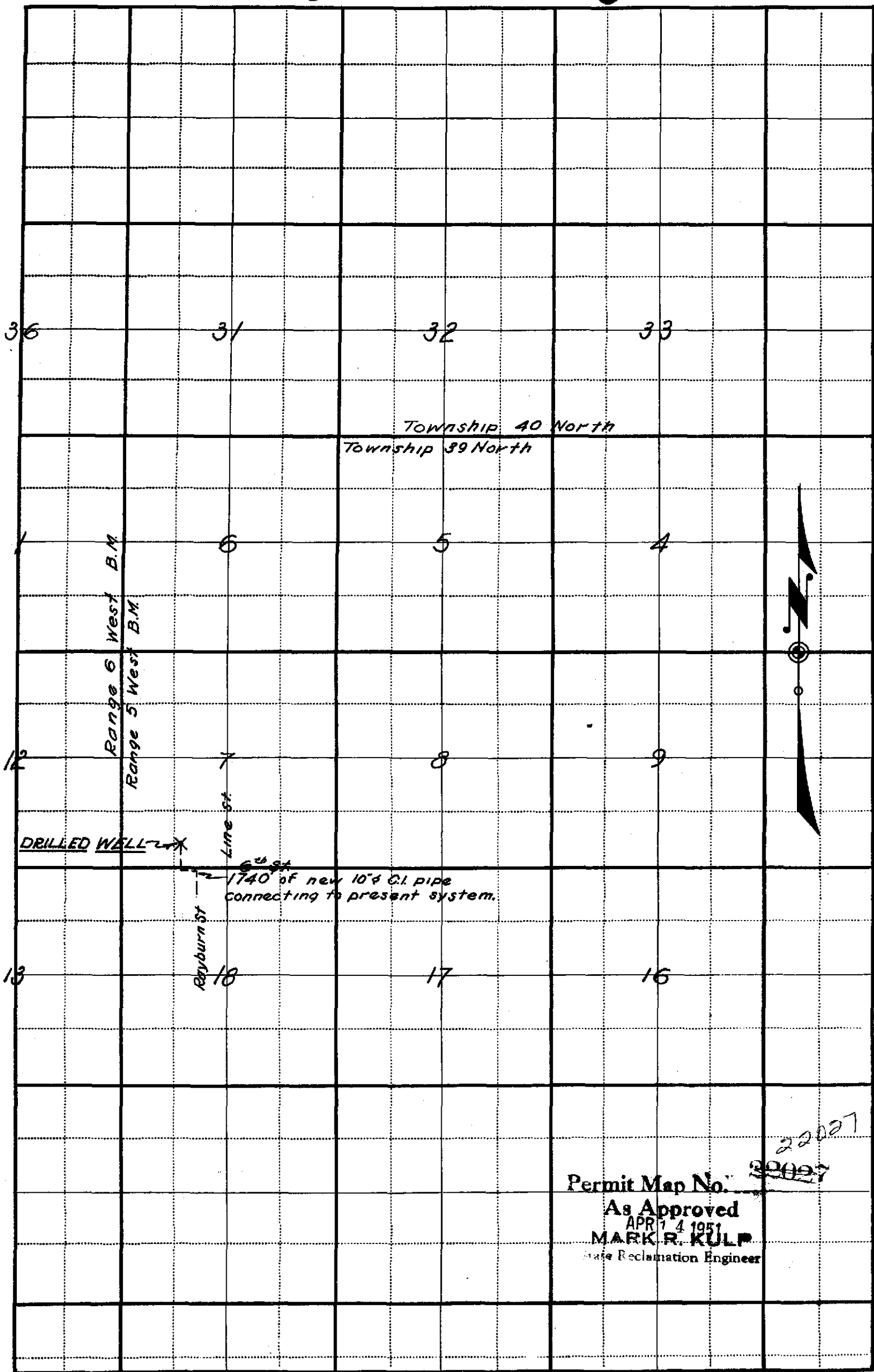
Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

Chief Clerk

A:bh
Enc.

22027



22027
32027
Permit Map No. 32027
As Approved
APR 14 1951
MARK R. KULP
State Reclamation Engineer

UNIVERSITY OF IDAHO

MOSCOW, IDAHO

5 April 1951

OFFICE OF THE BURSAR

RECEIVED
APR 9 1951
Department of Reclamation

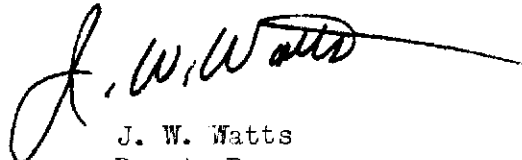
State of Idaho
Department of Reclamation
Boise
Idaho

Attention: Jeanne L. Anderson
Chief Clerk

Gentlemen:

In reply to your letter of 13 March 1951 addressed to Mr. Kenneth A. Dick regarding application No. 29708, I wish to advise you that we have completed the answers to questions No. 6, 7, and 13. I am enclosing the questionnaire herewith. I trust that it is now in order for final approval. If you need any further information, we would be glad to furnish it.

Yours very truly,



J. W. Watts
Deputy Bursar

w.l

enc.

22027

✓
March 13, 1951

Re: Application No. 29708

Mr. Kenneth A. Dick, Bursar
University of Idaho
Moscow, Idaho

Dear Mr. Dick:

We acknowledge receipt of your letter of March 8, 1951, enclosing two applications for Permit to Appropriate the Public Waters of the State of Idaho.

The application for use at the Caldwell Branch Experiment Station seems to be in good form, but the application for domestic water on the campus is deficient in several particulars, and is returned for completion as follows: Answer Question 6, giving the place of use; also Questions 7 and 13.

Very truly yours,

MARK R. KULP
State Reclamation Engineer
By

Chief Clerk

A:bh
Enc.

22027

UNIVERSITY OF IDAHO

MOSCOW, IDAHO

8 March 1951

OFFICE OF THE BURSAR

RECEIVED
MAR 12 1951
Department of Reclamation

Mr. Mark R. Kulp, State Reclamation Engineer
Department of Reclamation
State House
Boise, Idaho

Dear Mr. Kulp:

I transmit herewith the following applications
for permit to appropriate public funds by the Regents
of the University of Idaho:

1. Application for a drilled well on the
University campus in the County of Latah.
2. Application for a drilled well at the
Caldwell Branch Experiment Station in
Canyon County.

Very truly yours,

Kenneth A. Dick

Kenneth A. Dick
Bursar

KD:ml

Enc.

22027

**NOTICE OF PROOF
APPLICATION OF WATER
TO BENEFICIAL USE**

Notice is hereby given that at 10:00 A.M. on the 18th day of July, 1952, at Moscow, County of Latah, State of Idaho, before Gene Slade, Notary Public, proof will be submitted of the application to beneficial use of five cubic feet per second of the waters of a drilled well in accordance with the terms and conditions of Permit No. 22027 heretofore issued by the Reclamation Engineer of the State of Idaho.

The name and postoffice of the person or corporation holding said permit are The Regents of the University of Idaho, Moscow, Idaho.

The use to which said water has been applied is domestic.

The amount applied to beneficial use is five second feet.

The place where said water is used is the campus of the University of Idaho at Moscow, Idaho.

The name of the canal or ditch or other works by which said water is conducted to such place of use is None.

The right to take water from such works is based upon Permit No. 22027.

The source of supply from which such water is diverted is a drilled well located 1290 ft. West and 545 ft. North from the SE corner of the SW $\frac{1}{4}$, S7, T38N, R5W, BM.

The date of priority which said user is prepared to establish is March 12, 1951.

MARK R. KULP,
State Reclamation Engineer

4-t. June 12-19-26 July 3