

No.

55-3

Office of State Engineer  
DOCUMENT FILE

Sioux Falls, S.D.  
Durg Allied Laboratories Inc.

Minnesota County  
Sec. 10, Twp. 10, Rpt 49

Source of Water Supply  
Sioux River

Map No. 38-3

NO. 55-3

Water Division No. 3 Sioux River  
(Blank to be filled by the State Engineer.)

RECEIVED  
10:30 A.M.

JAN 9 1950

APPLICATION FOR PERMIT  
To appropriate Water within the State of South Dakota OF STATE ENGINEER  
PIERRE, S. DAK.

(NOTE—Draw a line through items not applicable.)

1. Name of applicant SIoux FALLS SERUM COMPANY, Div. of Allied Laboratories, Inc.

Postoffice address Sioux Falls, County Minnehaha, State South Dakota

I. If a corporation yes

(a) Name of same Allied Laboratories, Inc.

(b) Date and place of incorporation 1929, State of Delaware

(c) Amount of capital stock

(d) Amount paid in

(e) Names and address of directors:

(NOTE—A certified copy of articles of incorporation must accompany the application.)

II. Method of accomplishing the work and financial resources of the applicant:

(a) Method of accomplishing work (Whether by contract, employment of others, or by direct labor) Contract

(b) Cash on hand, \$

(c) Treasury stock \$

(d) Bonds to be issued, \$

(e) Other resources, \$

2. Name of diversion work Portable pump and pipe lines for irrigating

3. Quantity of water claimed One cubic feet per second. For Max. of 15 Hrs. Per 24 Hr. day.

4. Source of water supply Sioux River

5. Location of point of diversion Five points in the west 1/4 of the North 1/2 of Sec 10, T101, R49 (See map submitted) on Sioux River bank.  
April 1, to Oct. 1

6. Annual periods during which water is to be used

7. To be used for:

I. Irrigation or domestic use:

(a) Number of acres to be irrigated 90 Ac. in the N.W. 1/4 of Sec 10 and

(b) Legal subdivisions to be irrigated 90 Ac. in Tr. 1 of the N.W. & W 1/2 of N.E. 1/4 Sec 10

(NOTE—A list of lands to be irrigated, giving each subdivision and fraction with acreage thereof, should be written here, or may be apprehended as a part of this application. Same must also be shown on accompanying map.)

(c) Statement as to domestic use (giving location, etc.) Irrigation of pasture land located as described above and on map submitted.

II. Mining, power, manufacturing, transportation, or other purposes: None

(a) Nature of use

(b) Amount of power to be generated horse power.

(c) Location of plant

(d) Method of developing power

(e) Point where water will be returned to stream

8. Estimated cost of works:

(a) Head gates, \$.....  
 (b) Pumping plant, \$ **1240.00**  
 (c) Fluming, \$..... (d) Canal earth, \$..... Rock, \$.....  
 (e) Other structures **Main Line and Lateral** **1780.00** Total, \$ **3000.00**

9. Description of diversion works:

I. Nature of works: (Reservoir, dam, ditch, flume, pumping plant, etc.)

**Portable pump and Sprinkler pipe lines for irrigating.....**

II. Dimensions of works:

(a) Dam: Height **None** feet; length at bottom ..... feet; length at top ..... feet; thickness at bottom ..... feet; thickness at top ..... feet; slope at front (water) face ..... of back face ..... material used in construction .....  
 (b) Reservoir: Capacity when filled ..... acre feet. Surface area at highwater mark ..... acres.

| DEPTH AT<br>OUTLET-Feet | SURFACE AREA AT EACH.....FEET OF<br>DEPTH AT OUTLET--ACRES | ACRE-FeET<br>CAPACITY |
|-------------------------|------------------------------------------------------------|-----------------------|
|                         |                                                            |                       |
|                         |                                                            |                       |
|                         |                                                            |                       |
|                         |                                                            |                       |
|                         |                                                            |                       |
|                         |                                                            |                       |
|                         |                                                            |                       |
|                         |                                                            |                       |
|                         |                                                            |                       |

(c)\* Head gate: Width ..... feet: height ..... feet;  
 Material .....  
 (d) Canal: Total length ..... miles.

| LOCATION BELOW<br>HEADGATE | DEPTH<br>feet | BOTTOM<br>WIDTH | WIDTH AT<br>WATER LINE | GRADE<br>PER MILE |
|----------------------------|---------------|-----------------|------------------------|-------------------|
| At ..... Mile              | ..... feet    | ..... feet      | ..... feet             | ..... feet        |
| At ..... Mile              | ..... feet    | ..... feet      | ..... feet             | ..... feet        |
| At ..... Mile              | ..... feet    | ..... feet      | ..... feet             | ..... feet        |
| At ..... Mile              | ..... feet    | ..... feet      | ..... feet             | ..... feet        |
| At ..... Mile              | ..... feet    | ..... feet      | ..... feet             | ..... feet        |
| At ..... Mile              | ..... feet    | ..... feet      | ..... feet             | ..... feet        |

(Give dimensions where reductions in size are made.)

10. Time required or completion of work..... **30** ~~xxxx~~ Days **Every 12 Days if needed**  
 11. Time required for complete application of water to the proposed beneficial use **Apr 1 to Oct 1** Each Year  
 12. Choice of newspaper for publication of notice of intention to appropriate .....

STATE OF SOUTH DAKOTA,  
 County of **MINNEHADA**

I, **F. P. Hall**, being first duly sworn on my oath depose and say: That my relation to the above described undertaking is that of **Secretary** (Owner), that I have read the above foregoing statement, and examined the map accompanying the same, and that I know of my own personal knowledge that the matters herein state and shown are true.

Signed .....  
 Subscribed and sworn to before me this **6** day of **February**, 19**55**  
 Notary Public (or other qualified officer.)  
 \*Each diversion must have a headgate or measuring device.

Remarks by State Engineer:

To be used intermittently from one diversion point at one time.

Equipment must include measuring device to show amount of water being used.

STATE OF SOUTH DAKOTA,

County of Hughes

ss.

Pierre, South Dakota, February 21, 1950

This is to certify that the foregoing application was received at this office at 10:30 o'clock a.m. upon the 9th day of January, 1950 and that after examination it was found to comply with the South Dakota water laws, was published in accordance with the provisions thereof and consideration given to any and all information presented. No objections or protests were filed.

DEAN W. LOUCKS, State Engineer.

Number of permit 55-3

Date of first receipt of application January 9, 1950

Date of return to applicant for correction 1950

Date of receipt of corrected application 1950

Date from which applicant may claim right January 9, 1950

Approved February 21, 1950, Recorded in Book 2 Page 628-629

This is to certify that I have examined the foregoing application for a permit to appropriate water of the state of South Dakota, and I hereby grant the same as stated herein, subject, however, to the following limitations and conditions:

1st. The equivalent of at least one-fifth of the work above specified is to be completed on or before July 1, 1950

2nd. The whole of said work is to be completed on or before January 1, 1951

3rd. The limit of time for proof of beneficial use of water appropriated in accordance herewith is January 1, 1951

4th. The water appropriated shall be used for the purpose of irrigation

5th. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.

6th. The amount of the appropriation herein granted shall not exceed one cubic feet of water per second of time; neither shall it exceed the capacity of the above described system of diversion works, nor the least amount of water that experience may hereafter indicate as necessary for the production of crops in the exercise of the best husbandry; and further said appropriation must be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied for irrigation on or before January 1, 1951; said water to be used during the following described annual period:

April 1, to October 1, inclusive

Witness my hand this 21st day of February, 1950

DEAN W. LOUCKS, State Engineer.

Certificate of Construction issued 1950

Water License issued 1950

# STATE OF SOUTH DAKOTA

## WATER LICENSE NO. 55-3

WHEREAS, On the 9 day of January A. D. 1950

SIoux FALLS SERUM COMPANY, DIV. OF ALLIED LABORATORIES, INC.

of Sioux Falls County of Minnehaha and State of

South Dakota duly made application (No. 55-3) to me for a permit to use 1.0

cubic feet per second of the waters of the Sioux River

County of Minnehaha State of South Dakota, for Irrigation

purposes; and

WHEREAS, On the 21 day of February A. D. 1950

Permit No. 55-3 was issued to said applicant for the diversion of said water, and providing for the com-

pletion of the works of diversion therein described on or before the 1 day of

January A. D. 1951 and for the application to beneficial use of said

water on or before the 1 day of January A. D. 19

and.

WHEREAS, On the 8 day of August A. D. 1951

the holder of said permit duly made proof of the completion of adequate works for the diversion of 1.0

cubic feet per second of said waters, as evidenced by my Certificate No. 55-3

dated August 8, 1951 confirming the completion of works of sufficient capacity for

diverting and conveying to the place of intended use 1.0 cubic feet per second of water,

with date of priority of January 9, 1951 and,

WHEREAS, On the 8 day of August A. D. 1951

proof was duly made of the application to beneficial use of 1.0 cubic feet per second of

said water;

NOW, THEREFORE, By virtue of the authority vested in me by the laws of the State of South Dakota, I hereby grant and confirm to Sioux Falls Serum Co. of Sioux Falls, South Dakota the holder... and owner... of said permit No. 55-3 a water right, dating from January 9, 1950 to the use of 1.0 cubic feet per second of the waters of the Sioux River in the County of Minnehaha and State of South Dakota, or so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at 2880' East and 230' South of the N. W. Corner Sec. 10, T. 101N., R. 49E. and conducted to and upon North 1/2 of Section 10, T. 101N., R. 49E.

for the purpose... of providing irrigation.

subject, however, to the laws of the State of South Dakota applicable to a license for the use of the waters of the State, and subject, also, to the local or community customs, rules and regulations which have been or may be adopted from time to time by a majority of the users from a common source of supply, canal or lateral from which such water may be taken, when such rules and regulations have for their object the economical use of such water.

WITNESS, My hand and the seal of my office at Pierre, South Dakota, this 10th day of August A. D. Nineteen Hundred and 51

DEAN W. LUCKS

State Engineer.

STATE OF SOUTH DAKOTA

Water License No. 55-3

To Sioux Falls Serum Co.

Source of Supply Sioux River

County Minnehaha

Am't 1.0 Sec. Feet

Point of Diversion 2880' E. and 230' S.

of the N. W. Cor. Sec. 10-101-49

Place of Use N. Sec. 10-101-49

Purpose irrigation

Date of Priority January 9, 1950

Recorded February 21, 1950

in Book 2 of N. R. Page 628-629

# PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA }  
County of MINNEHAHA } ss.

A. A. ROESLER being duly sworn, deposes and says the annexed printed copy of Notice of Intention to Appropriate Water was taken from the.....

DAILY ARGUS-LEADER a newspaper which during the whole time of publication of said notice herein-after stated, has been and is printed and published in the CITY of SIOUX FALLS County of MINNEHAHA and State of South Dakota;

that the said notice was published in said newspaper on the following dates:

January 17, 1950

January 24, 1950

January 31, 1950

February 7, 1950

in each and every issue of the full number thereof, the first publication being made on the 17th day of January 1950 and the last publication on the 7th day of February 1950, upon which days or times of publication aforesaid the newspaper was regularly published, and that during the whole time of said publication he was.....the printer.... and publisher.X of the said newspaper.

Subscribed and sworn to before me this 7th day of February A. D. 1950

Notary Public MINNEHAHA County, S. D.

My commission expires  
May 22, 1951

**APPROPRIATION OF WATER**  
Office of State Engineer, Pierre, South Dakota, January 10, 1950.  
Notice is hereby given that the Sioux Falls Serum Company, whose postoffice address is Sioux Falls, South Dakota, has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use one cubic foot of water per second of time from the Sioux River through the Portable Pump Project, the five points of diversion of which are to be located on both banks of said stream in the North one-half of Section 10, Township 101 N., Range 49 W. Said water to be used for the purpose of providing sprinkler irrigation for 50 acres of pasture in the North one-half of Section 10, Township 101 N., Range 49 W.  
This application will be taken up by the State Engineer at his office at Pierre for consideration upon the 15th day of February, 1950, at 2:00 P. M. All persons who believe that their prior rights would be injuriously affected, or that the allowance of the permit would be detrimental to the public welfare shall file a written protest with the State Engineer, in writing, prior to the above date and may appear on the day above mentioned to present for the purpose of discussing further the information presented.  
Appropriate action will be taken by the State Engineer after suitable time has elapsed for the consideration of any or all information presented.  
—Dean W. Loucks,  
State Engineer.  
(Jan. 17, 24, 31, Feb. 7).

(First Publication January 17, 1950)

## APPROPRIATION OF WATER

Office of State Engineer,

Pierre, So. Dak., January 10, 1950

Notice is hereby given that the Sioux Falls Serum Company whose postoffice address is Sioux Falls, So. Dak., has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use one cubic foot of water per second of time from the Sioux River through the Portable Pump Project, the point of diversion of which five are to be located on the both banks of said stream in the North one half of the 1/4 of Section 10 Twp. 101N Range 19W. Said water to be used for the purpose of providing sprinkler irrigation for 90 acres of pasture in the north one half of Sec. 10, Twp 101N, R, 19W.

This application will be taken up by the State Engineer at his office at Pierre for consideration upon the 15th day of February, 1950, at 2:00 P.M. All persons who believe that their prior rights would be injuriously affected, or that the allowance of the permit would be detrimental to the public welfare shall file such protest with the State Engineer in writing prior to the above date and may appear on the day above mentioned in person for the purpose of discussing further, the information presented.

Appropriate action will be taken by the State Engineer after suitable time has elapsed for the consideration of any or all information presented.

DWL:JG  
CC: K. E. Benson

DEAN W. LOUCKS  
State Engineer

January 30, 1950

Hibbard M. Hill  
Hydraulic Engineer  
Northern States Power Co.  
Minneapolis 2, Minnesota

Re: Northern States Power Co.  
Sioux River  
Water Permit No. 43-3

Re: Sioux Falls Serum Co.  
Water Application No. 55-3

Dear Mr. Hill:

We have your letter of January 24, and note your attention to the application of the Sioux Falls Serum Co. for a permit to appropriate one c.f.s. of water in Section 7, T20N-R49W, from the Sioux River. You also call to attention that the Northern States Power Company has a permit dated March 23, 1947 for the appropriation of 2.67 c.f.s. from the Sioux River in Section 36, about two miles downstream from the point at which the Serum Company proposes to appropriate. You state no objection to the issuance of the permit to the Sioux Falls Serum Co. but call to our attention the importance to the Power Company of their water permit. Any permit issued at the time the permit was issued to the Northern States Power Co. would be prior to any permit granted at this time, all things being regular.

I would like, however, to call your attention to what appears to me to be a delinquency on the part of the Northern States Power Company in connection with their permit. Permit No. 43-3 was issued to your Company under date of March 27, 1947 with the provision, among other things, that the whole of said work be completed by March 27, 1949 and that proof of beneficial use of the water be made by the same date. At the time of forwarding the application, we made the following statement: "As soon as the construction nears completion, this office should be notified so that inspection may be made with a view to issuing you a final Water License".

However, records do not show that we have received such a notice or that the works in connection with the above permit have been completed or that the water has been put to beneficial use or that an extension of time was ever granted for this purpose. This matter was also called to attention in our Twenty-first Biennial Report, a copy of which was furnished to your Company. I again call this matter to your attention and would suggest that if your water permit is of the importance which you indicate, it should be taken care of in accordance with requirements provided for in the permit.

Yours very truly,

DEAN T. LOUCKS  
State Engineer

DELT:W

# K. E. BENSON

CONSULTING ENGINEER • MUNICIPAL • AIRPORT • GENERAL PROJECT

REGISTERED ENGINEER • SOUTH DAKOTA • MINNESOTA

213 BOYCE-GREELEY BLDG., SIOUX FALLS, SOUTH DAKOTA • TELEPHONES: OFFICE 3090  
HOME 4125-M

March 7, 1950

RECEIVED

MAR 9 1950

Mr. D. W. Loucks  
State Engineer  
Pierre, S. D.

OFFICE OF STATE ENGINEER  
PIERRE, S. DAK.

Dear Mr. Loucks:

We are writing in behalf of our client the Sioux Falls Serum Co., Sioux Falls, S. D. with reference to determining the discharge of water for irrigation purposes under water right recently granted by your office.

If agreeable with you we wish to dispense with the use of a meter on the system because of cost considerations and the fact that trash getting into such a meter conceivably will cause inaccuracy and operation difficulties. With this in mind we suggested that the manufacturer of the system submit a pressure flow curve whereby it would be possible to immediately determine the discharge after noting the pressure from a gauge at the head end of the lateral nozzle pipe line. Two such lines will be used at any one time. We are enclosing two prints of the curve.

It is proposed to use the diversion point 2880' E and 230' S of NW Corner of Section 10-101-49 and discharge water through the two laterals each 940 ft. long. The normal operating at the beginning of the lateral is approximately 40 lbs. per sq. in. with a discharge of 180 gal. per min. Any variation from the 360 gal per min. for both laterals can be determined from the curve.

Mr. F. P. Hall of the Serum Co. wishes to order the irrigation equipment in the near future therefore will appreciate an answer at your earliest convenience.

Sincerely yours,

K. E. Benson

*Roy G. Spieker*

By Roy G. Spieker

March 16, 1950

K. E. Benson  
Consulting Engineer  
213 Boyce-Greasley Bldg.  
Sioux Falls, South Dakota

Re: Water Application No. 55-3  
Sioux River

Attn: Roy G. Spieker

Dear Mr. Spieker:

We have your letter of March 7 enclosing a curve to be used in connection with determining water discharge on the system of the above project.

This method of measuring discharge on irrigation projects is entirely new as far as this Office is concerned and before approving same we would like to have more information as to just how it would be applied, what the equipment would be and how it would work out on a practical basis so that a representative from this Office walking on the site could observe what the discharge was without carrying with him special curve data or computation formula.

As I understand it, this curve would apply to a particular system. If the system is changed without the knowledge of this Office, the curve would not apply and it seems to me that there would be considerable confusion and uncertainty over a period of years. The measuring device should be complete as it exists at the site and should be a true and apparent measure of the amount of water diverted from the stream.

I would be glad to get any further information along this line that you may wish to furnish.

Yours very truly,

DEAN W. LOUCKS  
State Engineer

DWL:RF

Permit No. 55-3

Water Division No.

Water District

AUG 8 1951

## Notice of Completion of Works

OFFICE OF STATE ENGINEER  
PIERRE, S. DAK.

(This blank must be filled out by the holder of permit and forwarded to the State Engineer at least 60 days before the time set for completion of works.)

(P. O.) Sioux Falls, S.D.

(Date) Aug. 8, 1951

TO THE STATE ENGINEER OF SOUTH DAKOTA, PIERRE:

DEAR SIR: Notice is hereby given of the completion of the works for the diversion of One second feet of the waters of the state from Sioux River through the Portable Sprinkling System for Irrigation purposes is completed in accordance with the terms and conditions of a certain permit heretofore issued by the State Engineer of the State of South Dakota.

1. The name of the person or corporation holding said permit is Sioux Falls Serum Co.
2. The postoffice address of such person or the place of business of such corporation is Sioux Falls County of Minnehaha State of South Dakota.
3. The number of such permit is 55-3 and the date set for the completion of such work is
4. Said water to be used for Irrigation purposes.
5. Said works of diversion will be fully completed by the date set for such completion, and the amount of water which said works are capable of conducting to the place of intended use, in accordance with the plans accompanying the application for such permit is One cubic feet per second.
6. The amount of land for which said water is available is 90 acres, particularly described as follows: Two areas in the NE 1/4 of Sec. 10-101-49. One 32 Acre area on the north bank of the Sioux River and one 58 Acre area on the south side as shown on the water rights map.

(In case of all 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 above notice are true.

(Signature)

*Sioux Falls Serum Co.*  
By *W. H. Lee*  
OWNER

Permit No. 55-3

Water Division No. .... Water District .....

## Certificate of Examination of Works

## Report of Examining Engineer

RECEIVED

AUG 9 1951

OFFICE OF STATE ENGINEER  
PIERRE, S. DAK.

To the State Engineer, Pierre, South Dakota:

Dear Sir: I hereby certify that in accordance with your letter of authorization dated Apr. 11, 1951  
 19..... I have this day made a thorough examination of the diversion works constructed by  
 Sioux Falls Serum Co. .... of "Sioux Falls .....  
 Minnehaha ..... County, South Dakota, holder... of permit No. 55-3....., issued  
 upon application No. 55-3....., bearing date of priority of Jan. 10, 1950, authorizing the  
 diversion of One ..... second feet of the waters of Sioux River ..... for Irrigation  
 purposes. I have to report on the condition of the same as follows:

The diversion works comprise: Gorman 4" Pump, Propane fuel Engine, 1100' of  
 6" Mains, 800' of 4" Lateral, 1080' of 3" Lateral- 48-7½ GPM Rainbird  
 Nozzles with 3/16" x 3/32" Orifices. Operating 36 nozzles with 40#  
 pressure at the pump at the time of inspection. At the diversion  
 point 2880' East and 230' south of the N.W. Cor. Sec 10-101-49  
 and the system is in the following condition: Good Condition, Satisfactory operation.

The point of diversion is located 2880' East and 230' South of the N.W. Cor.  
 Sec 10-101-49

The works are capable of diverting and conveying to the place of use One ..... second-feet of water,  
 which is to be used for Irrigation

The legal sub-divisions to be irrigated are: In the N. ½ Sec. 10-101-49  
 as shown on the water rights map, One area of 58 Acres south of the  
 River and one area of 32 Acres on the north side of the Big Sioux  
 River

..... comprising a total of 90 ..... acres of land.  
 The domestic use intended comprises None

The utilization for power, mining, or other beneficial uses comprises: None

Witness my hand, this 8 day of August A. D. 1951.

*J. E. Benson*  
 Examining Engineer.

Permit No. 55-3

Water Division No. \_\_\_\_\_ Water District \_\_\_\_\_

# **CERTIFICATE OF APPLICATION OF WATER TO BENEFICIAL USE**

**RECEIVED**

AUG 9 1951

OFFICE OF STATE ENGINEER  
PIERRE, S. DAK.

## **DEPOSITION OF HOLDER**

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

Ans. Sioux Falls Serum Co. Sioux Falls, S.D. Engaged in the  
production of Hog Cholera Serum.

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

Ans. Sioux Falls Serum Co. By, Mr F P Hall, Sec and Gen Manager  
Sioux Falls, S.D.

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

Ans. #55-3, Jan. 10, 1950

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

Ans. Big Sioux River. From both banks of the river in the N<sup>1</sup> of  
Sec. 10-101-49, 5 points as shown on the Water Rights Map.

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.

Ans. By portable sprinkling system, one C.F.S., No canals or  
ditches are used.

Ques. 6. State for what purpost 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.)

Ans. Water has been used for irrigation of the 58 acre area south  
of the river as shown on the water rights map. Water will be  
used for the 32 acre area on the north side of the river.

Ques. 7. If for other than Irrigation purpose, state how applied, amount of horse power generated, etc.

Ans. None

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

Ans. Depends on the rainfall, One C.F.S. in dry seasons

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. Owner same as at time of application

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

Ans. Water under this permit was used in 1950 from May to Oct. and in 1951 usage was started in June. The rate of application has been somewhat less than the 1 C.F.S. as the irrigating was supplemental to the rainfall.

(Sign.)

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, at my office in Sion Falls, County of Minnehaha, State of South Dakota, on this 8 day of August, A.D., 1951

*[Signature]*

Permit No. \_\_\_\_\_

Proof of Application of Water to

Beneficial Use.

DEPOSITION OF HOLDER.

Amount of water \_\_\_\_\_ second feet

Source \_\_\_\_\_

County \_\_\_\_\_

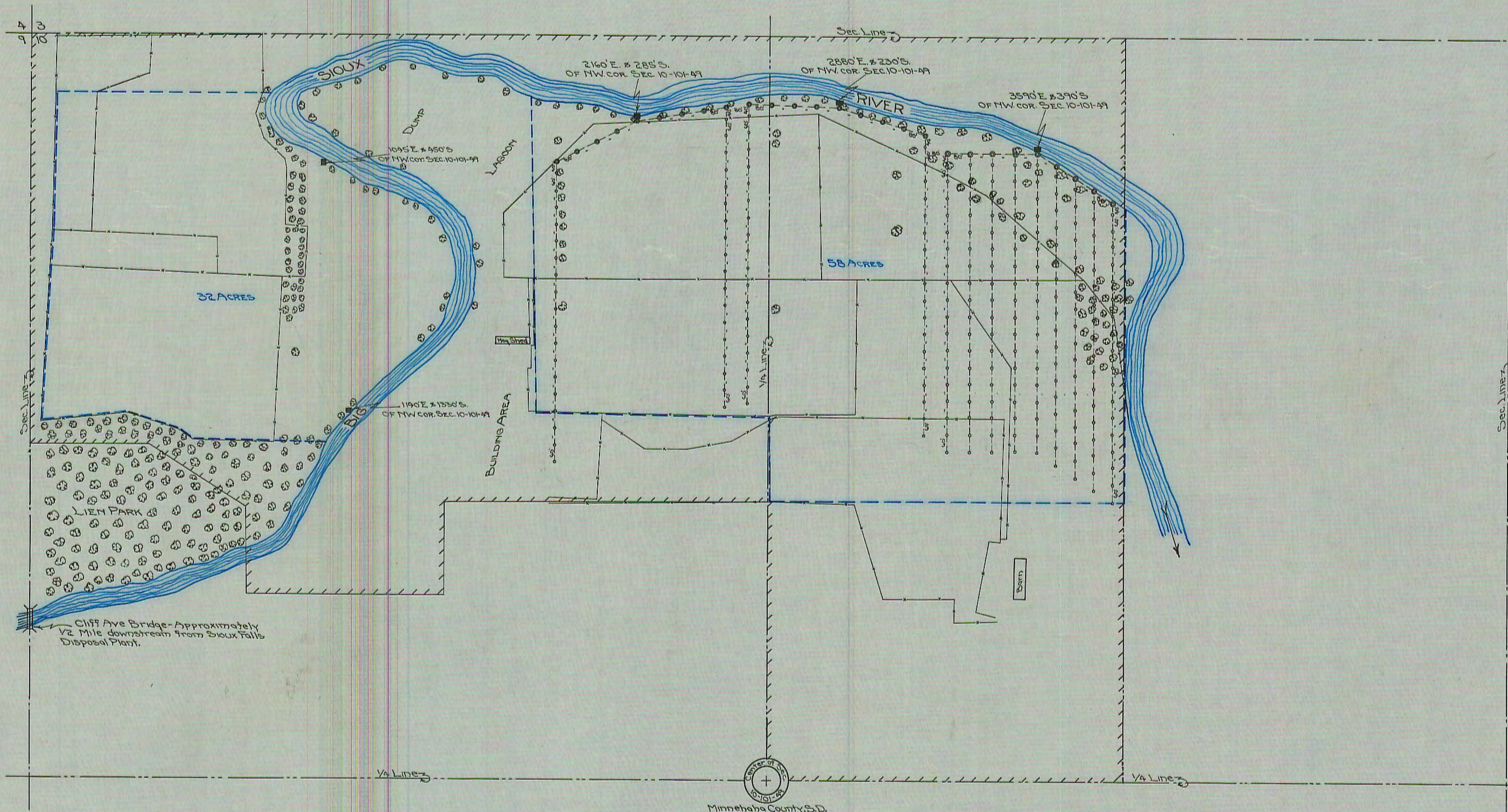
Purpose \_\_\_\_\_

Place of Use \_\_\_\_\_

Date of priority \_\_\_\_\_

Received and filed \_\_\_\_\_

SCALE 1"=200'  
DYS.



**SYMBOLS**

SIoux FALLS SERUM CO. PROPERTY LINE

LIMITS OF PROPOSED IRRIGATION

PUMP SETTINGS (POINT OF DIVERSION)

MAIN LINE PIPE WITH TAKEOFFS

LATERAL PIPE WITH 20 G.P.M. SPRINKLERS

**SURVEYORS CERTIFICATE**

I, K.E. Benson, Registered Professional Engineer and Land Surveyor of the State of South Dakota do hereby certify that I have surveyed and mapped the area as shown above for purposes of irrigation.

State of South Dakota  
County of Minnehaha

On this \_\_\_\_\_ day of \_\_\_\_\_ AD. \_\_\_\_\_ before me the undersigned a notary public appeared K.E. Benson well known to me to be the person described above and who acknowledged to me that he executed the foregoing certificate.  
My Commission Expires \_\_\_\_\_  
*Margaret H. H. H.*  
Notary Public

**RECEIVED**  
JAN 9 1950  
OFFICE OF STATE ENGINEER  
SIOUX FALLS, S. DAK.

(55-31)  
38-3