

1. Considered 1-26, 1960 Appl. No. 674-3  
2. Name of Applicant City of Brookings  
3. Post Office Address Brookings  
4. Amount of water claimed 1.89 cfs  
5. Source of water supply Ground water  
6. Water to be used for municipal use  
Acres to be irrigated \_\_\_\_\_  
7. Water to be diverted and used in Brookings County about  
\_\_\_\_\_ miles \_\_\_\_\_ of \_\_\_\_\_  
8. Proof of Publication Received \_\_\_\_\_  
Not Received \_\_\_\_\_ 100  
9. Application Approved ✓  
Subject to Ref  
Not approved \_\_\_\_\_  
Action deferred \_\_\_\_\_

10. Remarks:

From Reserved water -

Future Use App  
permit - 217-3

RECEIVED  
NOV 13 1959  
10:30 AM  
STATE WATER RESOURCES  
PIERRE, SOUTH DAKOTA

Water Division No. 3 District 1  
(Blanks to be filled by the Engineer for the W. R. C.)

# APPLICATION FOR PERMIT To appropriate Water within the State of South Dakota

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

1. Name of applicant CITY OF BROOKINGS  
Postoffice address CITY HALL, County BROOKINGS, State SOUTH DAKOTA

I. If a corporation

(a) Name of same CITY OF BROOKINGS

(b) Date and place of incorporation MARCH 9, 1883 BROOKINGS, SOUTH DAKOTA

(c) Amount of capital stock NONE

(d) Amount paid in NONE

(e) Names and addresses of directors commissioners HOMER DWIGGINS—Mayor

WILLIAM GAMBLE, LEO J. WEISE, LEO H. MONTEITH, W.M. (DOC) LEFEVRE—Commissioners

(NOTE—A certified copy of articles of incorporation must accompany this 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—McCARTHY WELL COMPANY, ST. PAUL, MINNESOTA

(b) Cash on hand, \$ \_\_\_\_\_ (c) Treasury stock, \$ \_\_\_\_\_

(d) Bonds to be issued, \$ \_\_\_\_\_ (e) Other resources, \$ \_\_\_\_\_

2. Name of diversion work MUNICIPAL WATER WELL #6

3. Amount of water claimed 1.89 cubic feet per second

4. Source of water supply Ground water

5. Location of point of diversion 2320' N 11° 25' E of Southwest Corner of Section 13

T110N R50E 5th Principal Meridian on \_\_\_\_\_ bank \_\_\_\_\_ County.

6. Annual period or periods during which water is to be used JANUARY—DECEMBER

7. To be used for:

I. Irrigation or domestic use: Gravity, overhead sprinkling or combination system? DOMESTIC & MUNICIPAL

(a) Number of acres to be irrigated \_\_\_\_\_ acres.

(b) Legal subdivisions to be irrigated \_\_\_\_\_

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

(c) Statement as to domestic use (giving location, etc.) General domestic and municipal needs, City of Brookings

II. Stockwatering, mining, milling, power, fish culture, fire protection and public recreation:

(a) Nature of use ALL MUNICIPAL PURPOSES

Name any of the above uses claimed

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

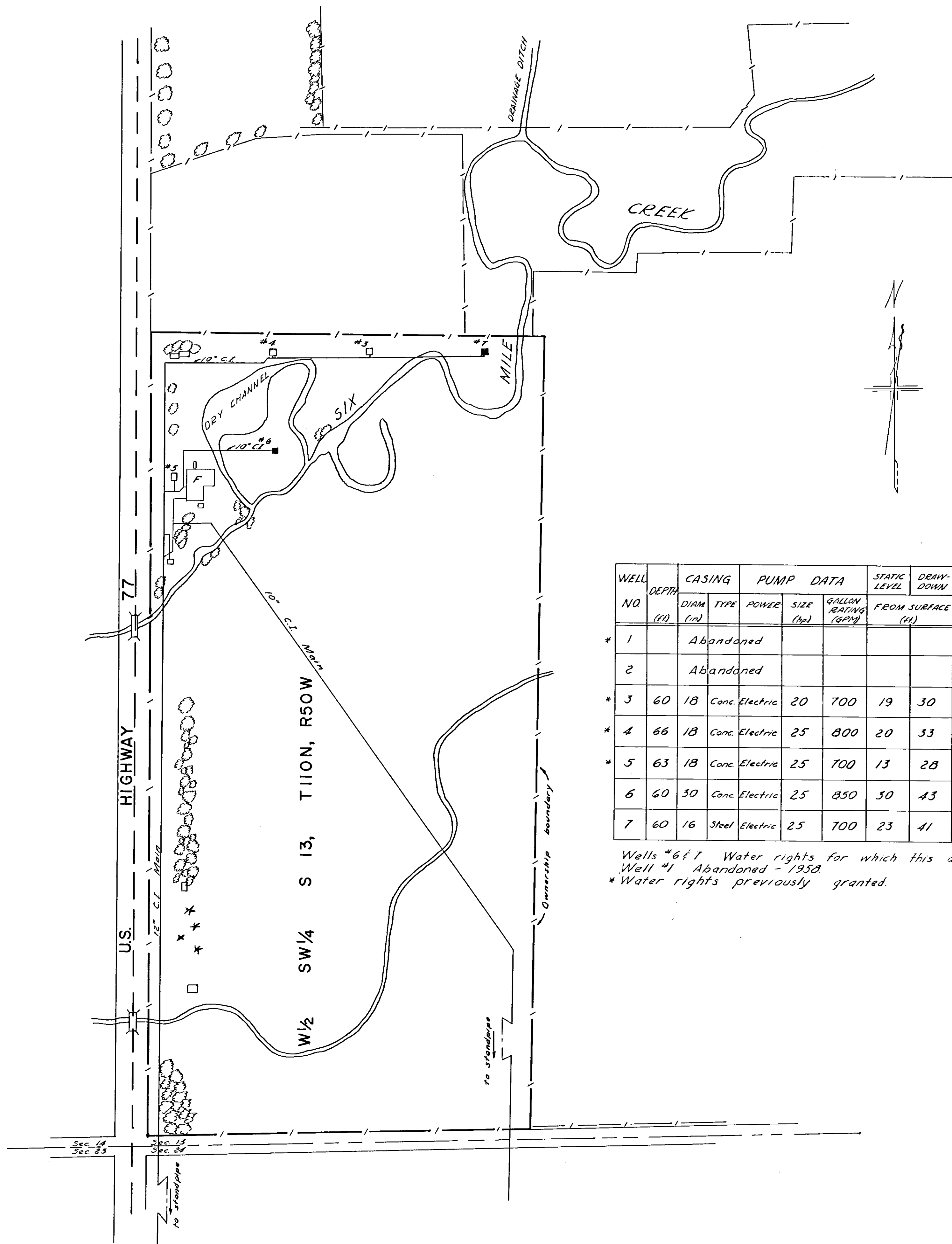
Amount claimed for engine cooling \_\_\_\_\_

(c) Location of plant \_\_\_\_\_

(d) Method of developing power \_\_\_\_\_

(e) Point where water will be returned to stream \_\_\_\_\_

Map No 5/5-3



| WELL NO. | DEPTH (ft) | CASING    |                | PUMP DATA |           |                     | STATIC LEVEL (ft) | DRAW-DOWN (ft) | METERED | APPROXIMATE LOG FOR ALL WELLS | COURSE AND BEARING | LEGAL CORNER TIE       |
|----------|------------|-----------|----------------|-----------|-----------|---------------------|-------------------|----------------|---------|-------------------------------|--------------------|------------------------|
|          |            | DIAM (in) | TYPE           | POWER     | SIZE (hp) | GALLON RATING (GPM) |                   |                |         |                               |                    |                        |
| * 1      |            |           | Abandoned      |           |           |                     |                   |                |         | 0-10' Clay                    | Abandoned          | South West Corner      |
| 2        |            |           | Abandoned      |           |           |                     |                   |                |         |                               | Abandoned          |                        |
| * 3      | 60         | 18        | Conc. Electric | 20        | 700       | 19                  | 30                | No             |         | 10-65' Sand Gravel            | 2710' N 16° 25' E  | Sec. 13 T 110W R50W    |
| * 4      | 66         | 18        | Conc. Electric | 25        | 800       | 20                  | 33                | No             |         |                               | 2630' N 9° 30' E   | 5th Principal Meridian |
| * 5      | 63         | 18        | Conc. Electric | 25        | 700       | 13                  | 28                | Yes            |         | 65-65' Clay                   | 2180' N 2° 55' E   |                        |
| 6        | 60         | 30        | Conc. Electric | 25        | 850       | 30                  | 43                | Yes            |         |                               | 2320' N 11° 25' E  |                        |
| 7        | 60         | 16        | Steel Electric | 25        | 700       | 23                  | 41                | Yes            |         |                               | 2840' N 23° 35' E  |                        |

Wells #6 & 7 Water rights for which this application is submitted.  
 Well #1 Abandoned - 1958.  
 \* Water rights previously granted.

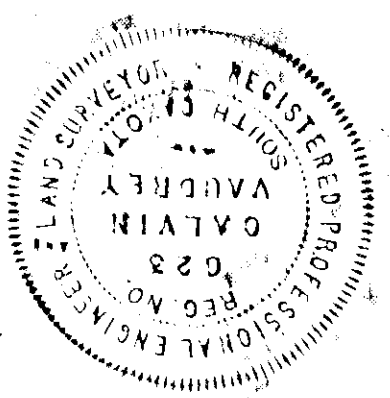
# SURVEYOR'S CERTIFICATE

STATE OF SOUTH DAKOTA S.S.  
 COUNTY OF BROOKINGS

I, Calvin Vaudrey, a Registered Land Surveyor in the State of South Dakota, do hereby certify that at the request of the City of Brookings, sole owner, did survey the tract of land within the City's ownership boundaries for which application for an appropriate water right to withdraw underground waters from under this tract for Municipal purposes is made and that this map is a true representation thereof.

In Witness Whereof, I have here unto set my hand and seal this 22<sup>nd</sup> day of November A.D. 1959

Calvin Vaudrey  
 Registered Land Surveyor

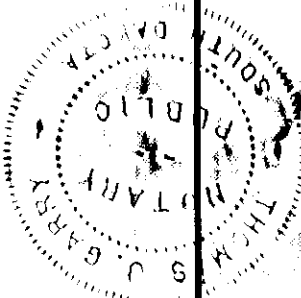


STATE OF SOUTH DAKOTA S.S.  
 COUNTY OF BROOKINGS

On this day, before me, the undersigned, a Notary Public within and for said State and County, personally appeared Calvin Vaudrey, known to me to be the person who executed the foregoing Surveyor's Certificate and acknowledged to me that he executed the same.

Witness My Hand, I have hereunto set my hand and seal this 4<sup>th</sup> day of November A.D. 1959

Thomas J. Banner  
 Notary Public



My Commission Expires April 9, 1966

|                                                                  |                               |    |   |
|------------------------------------------------------------------|-------------------------------|----|---|
| WATER RIGHT PLAT<br>CITY OF BROOKINGS<br>BROOKINGS, SOUTH DAKOTA |                               |    |   |
| PLOT PLAN<br>SHOWING PRESENT WITHDRAWAL AREA<br>SCALE: 1" = 200' |                               |    |   |
| J. T. BANNER & ASSOCIATES, ENGINEERS, BROOKINGS, SOUTH DAKOTA    |                               |    |   |
| APPROVED _____                                                   | FOR _____                     |    |   |
| DATE _____                                                       |                               |    |   |
| APPROVED <u>Calvin Vaudrey</u>                                   | FOR J. T. BANNER & ASSOCIATES |    |   |
| DATE _____                                                       |                               |    |   |
| CHECKED BY _____                                                 | DRAWN BY R. L. B              |    |   |
| DATE 11-2-59                                                     | SHEET 1                       | OF | 1 |

Remarks by State Water Resources Commission:

Waters under this permit were reserved by  
the City of Brookings under Future Use Permit 217-3  
dated October 31, 1956

STATE OF SOUTH DAKOTA  
County of Hughes } ss.

Pierre, South Dakota, February 9, 1960

This is to certify that the foregoing application was received by the Commission at 10:30 o'clock  
A m. upon the 13<sup>th</sup> day of November, 1959

State Water Resources Commission

By: [Signature]

Chief Engineer, Executive Officer

Number of permit 674-3

Date of first receipt of application November 13, 1959

Date of return to applicant for correction, amendments or changes required as follows: \_\_\_\_\_, 19\_\_\_\_

Date of receipt of corrected application \_\_\_\_\_, 19\_\_\_\_

Date from which applicant may claim right June 29, 1956

Approved January 26, 1960, Recorded in Book 5 Page 312

This is to certify that we have examined the foregoing application for a permit to appropriate water of the State of South Dakota, and we 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 \_\_\_\_\_

June 26, 1960

2nd. The whole of said work is to be completed on or before January 26, 1961

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

January 26, 1961

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

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 1.89 cubic feet per second; 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 used for municipal needs. January 26, 1961; said water to be used and beneficially applied for irrigation on or before \_\_\_\_\_ during the following described annual period:

continuously

Witness my hand this 9<sup>th</sup> day of February, 1960

State Water Resources Commission

By: [Signature]

Chief Engineer, Executive Officer

Certificate of Construction issued July 16, 1960

Water License issued July 16, 1960

Permit No. 674-3

Water Diversion No. 3 BIG SIOUX RIVER Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That the City of Brookings

\_\_\_\_\_ the holder \_\_\_\_\_ of  
Permit No. 674-3, issued upon Application No. 674-3, bearing date of priority of June 29,  
1956 authorizing the diversion of 1.89 cu. ft. per second of the waters of \_\_\_\_\_  
ground water \_\_\_\_\_ County of Brookings, State of South Dakota at a  
point 2320' N 11°25' E. of the SW Corner, Section 13, T110N, R50W

\_\_\_\_\_, for municipal

purposes, has \_\_\_\_\_ complied with the provisions of the laws of the State of South Dakota relating to proof of  
completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory  
condition for diverting and conveying to the place of intended use 1.35 cu. ft. per second of water.

Date July 16, 1969

WATER RESOURCES COMMISSION

By:

**J.W. GRIMES, Executive Officer**

Form 2A — Wells (Supplement to Form 2)

9. (Continued)

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation 48' diameter, Depth 60'

Type of casing Concrete  
(wood, concrete, steel, etc.)

Size of casing 32" OD, Thickness of casing 3"

Length of casing 30' If collection gallery, length, size and depth of gallery

(b) Screens

Type of perforated screen Kelly Concrete Screen

Size of perforated screen 32" OD, 30'  
(diameter) (length)

Thickness of gravel pack 3", length of gravel pack 60'

(c) Water Bearing Materials

Distance to water 16' Character of water bearing materials

Clean sand & gravel

Thickness of water bearing material 40'

(d) Pump and Motor

Type of pump Turbine  
(centrifugal, propeller, mixed flow, etc.)

Name of pump Fairbanks-Morse, size 850 GPM

Kind of motor Electric  
(gasoline, electric, diesel, etc.)

Horsepower 25, Name of Motor Fairbanks-Morse

(e) Complete well

Capacity 850 GPM at drawdown of 13' Estimated cost

(f) Owner of land upon which well is located CITY OF BROOKINGS  
Name

CITY HALL, BROOKINGS, SOUTH DAKOTA  
Address

(g) Distance to nearest existing wells

On same owner's property 20 rods. On property owned by others 120 rods

## STATE OF SOUTH DAKOTA

## WATER LICENSE NO. . . 674-3

(1) WHEREAS, On the 13th day of November, A. D. 19 59  
the City of Brookings

made Water Right Application No. 674-3 for a permit to use 1.69 cubic feet per second of the waters  
of ground water

County of Brookings, State of South Dakota, for municipal  
purposes; and

(2) WHEREAS, On the 9th day of February, A. D. 19 60

Permit No. 674-3, with a date of priority of June 29, 1956

was issued to said applicant for the diversion of said water, and provided for the completion of construction of the water  
supply system therein described on or before the 26th day of January, A. D. 19 61 and for the  
application to beneficial use of said water on or before the 26th day of January, A. D. 19 61

and:

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota  
relating to completion of the construction of the water supply system and is entitled to divert 1.33 cubic feet  
per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota  
relating to the application of water to beneficial use of the following extent,

to be used for municipal purposes by the City of Brookings

(5) NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota, We hereby grant and confirm to the City of Brookings

~~xx~~  
the holder \_\_\_\_\_ and owner \_\_\_\_\_ of said permit No. 674-3 a water right, dating from June 29, 1956  
to use of 1.33 cubic feet per second of the waters  
of ground water

in the County of Brookings and State of South Dakota, or so much thereof as may be necessary for the  
purposes hereinbelow mentioned, to be diverted at a point 2320' N. 11° 25' E. of the SW Corner,  
Section 13, T110N, R50W

and conduct ~~xxxxxxx~~ through the city water distribution system

for the purpose of municipal use

Subject to any limitations listed in Water Right Permit No. 674-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota  
this 16th day of July A. D.  
Nineteen Hundred and Sixty-nine

WATER RESOURCES COMMISSION

By:

Chief Engineer, Executive Officer - J.W. GRINES

First Publication on or before January 1, 1960

APPROPRIATION OF WATER

Office of State Water Resources Comm.  
Pierre, S. Dak., December 12, 1959

Notice is hereby given that the City of Brookings, S. Dak., has made an application in accordance with the provisions of the water laws of South Dakota for a permit to develop for beneficial use 1.50 cubic feet of water per second of time from ground water as reserved under Future Use Withdrawal, Permit 217-3 through Municipal Well #7, the point of diversion of which is to be located in the W $\frac{1}{2}$  of the SW $\frac{1}{4}$  of Section 13 twp. 110N Range 50 W. Said water to be used for the purpose of providing for municipal needs for the City of Brookings.

This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the 26th day of January 1960, at 2:00 PM. All interested persons may appear and be heard.

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

State Water Resources Commission

By:

Burton F. Jones, Water Rights Spec.

cc C. H. J. Mitchell, Publisher  
Brookings Register  
Brookings, South Dakota

# Affidavit of Publication

State of South Dakota }  
County of Brookings } ss

CHAS. H. J. MITCHELL

\_\_\_\_\_ of said county, being first duly sworn, on oath, says: That he is one of the owners and publishers of THE BROOKINGS REGISTER, a semi-weekly newspaper, printed and published in the City of Brookings, in said County of Brookings, and State of South Dakota; that he has full and personal knowledge of the facts herein stated; that said newspaper is a legal newspaper and has a bona fide circulation of at least two hundred copies of each issue semi-weekly; that said newspaper has been published within the said County of Brookings and State of South Dakota, for more than one year next prior to the first publication of Exhibit "A," hereto attached and herein mentioned, and was and is printed in the office maintained at said place of publication; and that the \_\_\_\_\_

*Appropriation of water*

a printed copy of which, taken from the paper in which the same was published, is hereto attached marked Exhibit "A," and is made a part of this affidavit, was published in said newspaper for *four* successive weeks, to-wit:

|                |              |       |          |
|----------------|--------------|-------|----------|
| <i>Dec. 16</i> | 195 <u>9</u> | _____ | 195_____ |
| <i>Dec. 23</i> | 195 <u>9</u> | _____ | 195_____ |
| <i>Dec. 30</i> | 195 <u>9</u> | _____ | 195_____ |
| <i>Jan. 6</i>  | 19 <u>60</u> | _____ | 195_____ |

That the full amount of the fee charged for the publication of said Exhibit "A" inures to the sole benefit of the publishers of said newspaper; that no agreement or understanding for the division thereof has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever; that the fees charged for the publication thereof are:

Dollars

*Chas. H. J. Mitchell*

Subscribed and sworn to before me this *5th* day of

*Feb.*, 1960

*Chas. H. J. Mitchell*

Notary Public in and for the County of Brookings, South Dakota.

My Commission expires *Nov. 17*, 1967

Exhibit "A"

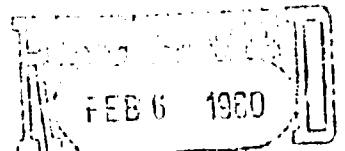
**APPROPRIATION OF WATER**  
Office of State Water Resources  
Commission, Pierre, S. Dak.,  
December 12, 1959

NOTICE IS HEREBY GIVEN that the City of Brookings, S. Dak., has made an application in accordance with the provisions of the water laws of South Dakota for a permit to develop for beneficial use 1.00 cubic feet of water per second of time from ground water as reserved under Future Use Withdrawal Permit 217-3 through Municipal Well No. 6, the point of diversion of which is to be located in the West half of the southwest quarter of Section 13 township 110N, Range 50 W. Said water to be used for the purpose of providing for municipal water needs of the City of Brookings.

This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the 26th day of January, 1960, at 2:00 p.m. All interested persons may appear and be heard.

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

State Water Resources  
Commission  
BURTON F. JONES,  
Water Rights Specialist  
(Dec. 16, 23, 30, Jan. 6)



STATE WATER RESOURCES COM.  
PIERRE, SOUTH DAKOTA

Permit No. 674-3  
BIG SIOUXWater Division No. 3 RIVER Water District

## Certificate of Examination of Works

Report of Examining Engineer

To the State Water Resources Commission, Pierre, South Dakota:

Dear Sirs: I hereby certify that ~~in accordance with your letter of authorization dated~~ .....

....., I have this day made a thorough examination of the diversion works constructed by THE CITY of BROOKINGS  
BROOKINGS County, South Dakota, holder of Permit No. 674-3, Issued  
 upon Application No. 674-3, bearing date of priority of JUNE 29, 1956, authorizing the  
 diversion of 1.89 cu. ft. per second of the waters of GROUND WATER for MUNICIPAL  
 purposes. I have to report on the condition of the same as follows:

The diversion works comprise: WELL #6 - 60' DEEP 26" CASING  
W/ FAIRBANKS MORSE 8" PUMP W/ F.M. 25H.P.  
ELECTRIC MOTOR - TO 10" COLLECTION LINE  
TO TREATMENT PLANT

and the system is in the following condition: EXCELLENT

The point of diversion is located N 11° 25' E, 2320 FEET FROM THE  
SW CORNER, SECTION 13, T110N, R50W

The works are capable of diverting and conveying to the place of use 1.33 cu. ft. per second of water;  
 which is to be used for MUNICIPAL USE

The legal sub-divisions to be irrigated are: .....

..... comprising a total of ..... acres of land.

The domestic use intended comprises .....

The utilization for power, mining, or other beneficial uses comprises: .....

Witness my hand, this 20<sup>TH</sup> day of

JUNE

A. D. 1969

—SEAL—

Burton Jones  
 Examining Engineer.  
 WATER RIGHT SPECIALIST  
 WATER RESOURCES COMMISSION

8. Estimated cost of work:

(a) Head Gates, \$-----  
 (c) Fluming, \$----- (d) Canal-earth, \$-----  
 (e) Other structures NEW WATER WELL \$ 9,000  
 (b) Pumping plant, \$ 1,000  
 Rock, \$-----  
 Total, \$ 10,000

9. Description of diversion works:

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

NEW WATER WELL WITH PUMP, PUMPHOUSE AND 10" C.I. LINE TO EXISTING PLANT

II. Dimensions of works:

(a) Dam: Height-----feet; length at bottom-----feet; length at top-----feet; thickness at bottom-----feet; thickness at top-----feet; slope at front water face-----; slope at back face-----  
 material used in construction-----  
 (b) Reservoir: Capacity when filled-----acre feet. Surface area at highwater mark-----acres.

| DEPTH AT OUTLET-FEET | SURFACE AREA AT EACH DEPTH AT OUTLET-ACRES | FEET | ACRE-FOOT CAPACITY |
|----------------------|--------------------------------------------|------|--------------------|
|                      |                                            |      |                    |
|                      |                                            |      |                    |
|                      |                                            |      |                    |
|                      |                                            |      |                    |
|                      |                                            |      |                    |
|                      |                                            |      |                    |
|                      |                                            |      |                    |
|                      |                                            |      |                    |
|                      |                                            |      |                    |

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

| LOCATION BELOW HEADGATE | DEPTH     | BOTTOM WIDTH | WIDTH AT WATER-LINE | GRADE 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 for completion of work COMPLETED 1 year  
 11. Time required for complete application of water to the proposed beneficial use-----years.  
 12. Choice of newspaper for publication of notice of intention to appropriate-----  
BROOKINGS REGISTER

STATE OF SOUTH DAKOTA

County of Brookings ss.

I, H. Duggins, being first duly sworn on my oath depose and say: That my relation to the above described undertaking is that of owner, that I have read the above foregoing statement, examined the map accompanying the same, and that I know of my own personal knowledge that the matters therein stated and shown are true.

Signed H. Duggins

Subscriber and sworn to before me this 10 day of November 1959

H. Lund  
 Notary Public (or other qualified officer.)



**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

674-3

February 16, 2017

Delvin DeBoer  
AE2S  
1300 W 57<sup>th</sup> St, Suite 200  
Sioux Falls SD 57107

Dear Mr. DeBoer:

As requested, the following table provides a list of water rights held by the City of Brookings. These tables do not include the irrigation rights, the flood control permit or the permit authorizing the relocation of Six Mile Creek for airport expansion held by the city. Please review the list to see how it compares with the numbers you compiled. If there are discrepancies, please contact me so we can determine the correct amount.

**Future Use Permits (reserved water for future development)**

| No.    | Source & Future Use Area                                                                                                                                                      | Next Review  | Amount Remaining in Reserve |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------|
| 1598-3 | Big Sioux:Aurora Aquifer (BS:A)<br>N 1/2 Sec 13-T110N-R50W                                                                                                                    | Spring, 2019 | 2,426 acre-feet annually    |
| 217-3  | Big Sioux:Six Mile Creek Aquifer<br>(BS:SMC) W 1/2 Sec 4, E 1/2 Sec 5,<br>all in T109N-R49W; E 1/2 Sec 32, S<br>1/2 Sec 33, W 1/2 Sec 28; SE 1/4 Sec<br>29; all in T110N-R49W | Spring, 2019 | 1,612 acre-feet annually    |

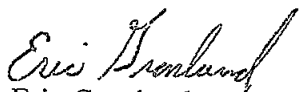
**Water Rights**

| No.    | Sources | Diversion Rate | Annual Volume            |
|--------|---------|----------------|--------------------------|
| 216-3  | BS:SMC  | 3.85 cfs       | 2,784 acre-feet annually |
| 674-3  | BS:SMC  | 1.33 cfs       | 963 acre-feet annually   |
| 675-3  | BS:SMC  | 1.33 cfs       | 963 acre-feet annually   |
| 1117-3 | BS:SMC  | 1.44 cfs       | 1043 acre-feet annually  |
| 1296-3 | BS:SMC  | 1.33 cfs       | 963 acre-feet annually   |
| 3979-3 | BS:A    | 6.69 cfs       | 4,844 acre-feet annually |
| 6048-3 | BS:A    | 2.90 cfs       | 2,100 acre-feet annually |

Please be aware that the table depicts the water rights the city of Brookings holds for municipal use. It does not represent the validity of the water rights. In South Dakota, the right to the use of water can become subject to cancellation due to abandonment and/or forfeiture for nonuse. The review of the city's water rights is to provide a list of the water rights on file and not a review of the past or present capabilities of the wells to produce the amount listed on the water rights. The Water Management Board is the entity entrusted to determine the validity of a water right if the question arises.

If you have any questions, do not hesitate to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Eric Gronlund".

Eric Gronlund

Water Rights Program, DENR

605 773-3352

[eric.gronlund@state.sd.us](mailto:eric.gronlund@state.sd.us)

## **Approval of Location Change and/or Additional Diversion Point(s)**

**Name/Address:** City of Brookings, 520 3<sup>rd</sup> St #230, Brookings SD 57006

**County:** Brookings

**Date:** January 20, 2026

### **General Description of Authorized Project:**

In October 2023, the Chief Engineer approved the plugging and replacement of wells completed into the BS:SMC (Big Sioux: Six Mile Creek Aquifer), authorized under Vested Water Right No. 216-3 (Well Nos. 3, 4, and 7). The City of Brookings determined that it would be more efficient to proceed with abandonment/replacement of Well Nos. 6, 8, and 9, respectively authorized under Water Right Nos. 674-3, 1117-3, and 1296-3; all completed into the BS:SMC.

Water Right No. 674-3 authorizes the appropriation of up to 963 acre-feet of water annually, with a maximum diversion rate of 1.33 cfs (approx. 600 gpm) from one well (#6) located in NW ¼ SW ¼ Section 13-T110N-R50W, with water used for municipal purposes.

Water Right No. 1117-3 authorized the appropriation of up to 1,043 acre-feet of water annually, with a maximum diversion rate of 1.44 cfs (approx. 650 gpm) from one well (#8) located in the NW ¼ SW ¼ Section 13-T110N-R50W, with water used for municipal purposes.

Water Right No. 1296-3 authorizes the appropriation of up to 963 acre-feet of water annually, with a maximum diversion rate of 1.33 cfs (approx. 600 gpm) from one well (#9) located in the NW ¼ SW ¼ Section 13-T110N-R50W, with water used for municipal purposes.

Well Nos. 10 & 11 are located in the SE ¼ NW ¼ & SW ¼ NE ¼ Section 13-T110N-R50W, respectively. Both wells are completed into the BS:SMC, with the wells capable of producing a combined maximum rate of approx. 1,840 gpm, which is consistent with the combined rates produced from Well Nos. 6, 8, & 9.

### **Authority:**

Pursuant to SDCL 46-5-13.1, the location of a diversion point may be changed and/or additional diversion points may be added, provided the following conditions are met and the potential for interference with other existing diversions is not increased:

- 1) **The developed water source is the same as permitted and no additional water is appropriated.** The City of Brookings requests to relocate the diversion authority of Water Right Nos. 674-3, 117-3, and 1296-3 from their corresponding wells, which will be plugged, to the City's new Well Nos. 10 & 11 (both BS:SMC). An increase to the combined volume (2,969 ac-ft) of water or combined maximum diversion rate (4.1 cfs) under Water Right Nos. 674-3, 1117-3, and 1296-3 is NOT authorized.
- 2) **If the use is for irrigation, no new lands are irrigated.** N/A

### **Review of Existing Diversions:**

The City of Brookings is the only user appropriating from the BS:SMC in an approximate three-mile radius of Well Nos. 10 & 11. It has been determined that there is reasonable probability that interference due to pumping from the developed location will not adversely or unlawfully impair existing permits/rights held by other users, and that any potential interference would first be noticed by the City. The closest domestic well (likely completed into the BS:SMC), is located in the SE ¼ Section 13, T110N, R50W, and was drilled in 2009 for the SD Board of Regents. The location of domestic wells in the well completion report database maintained by the Water Rights Program is based on the location listed by the driller on the Well Completion Report.

### **Recommended Action:**

Based on the above criteria, it is recommended that the change in diversion points, and additional diversion points be approved.



Amanda Dewell, Permitting Administrator  
DANR, Water Rights Program

1/21/26  
date

**The acting Chief Engineer makes a finding, pursuant to SDCL 46-5-13.1 and ARSD 74:02:01:14.01 that:**

*This change in location and/or additional diversion point(s) does not increase the potential for adverse effects to existing water rights/permits.*



Mark Mayer, PE  
DANR, Director of the Office of Water

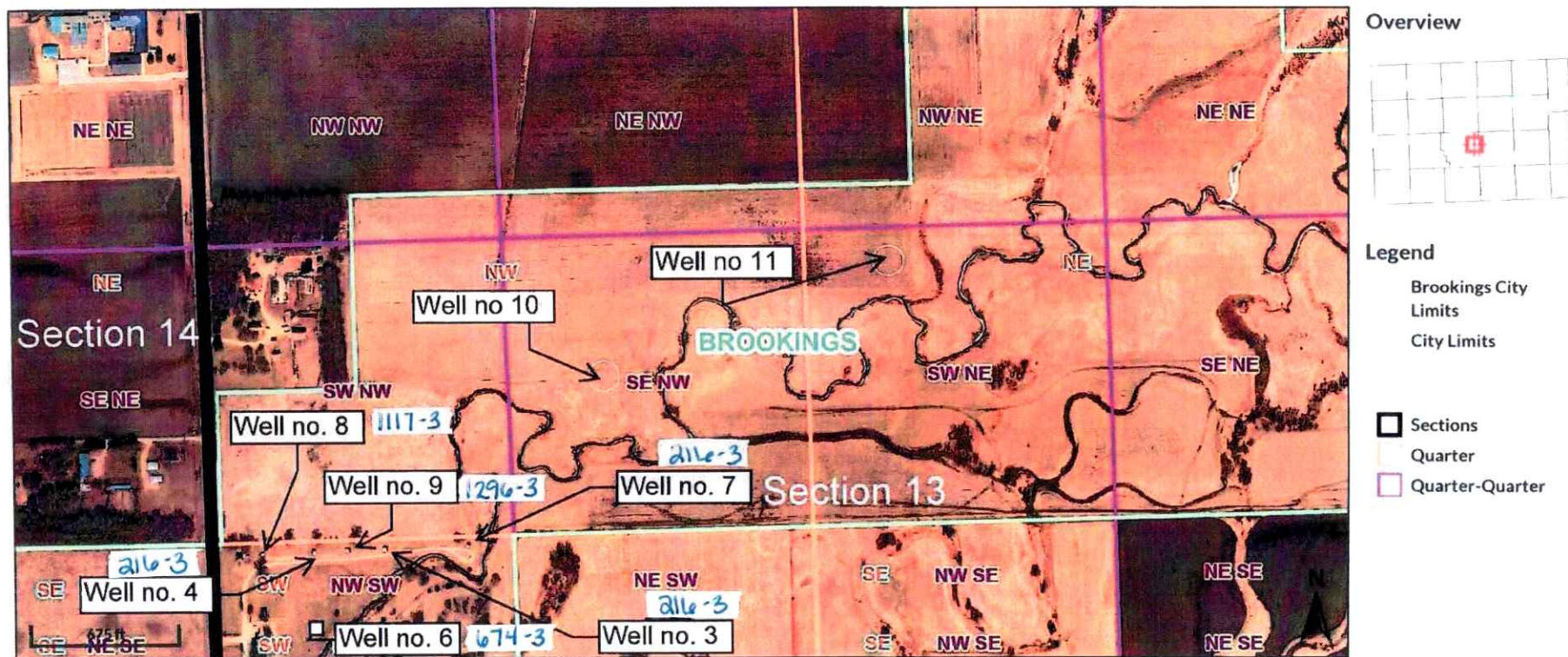
1/22/26  
date



## Brookings Municipal Utility

### North Wellfield - Existing and New Wells

Township 110N, Range 50W, Section 13



Date created: 5/25/2023

Last Data Uploaded: 5/25/2023 1:04:31 AM

Developed by Schneider GEOSPATIAL

Source: <https://beacon.schneidercorp.com/>  
HDR accessed website on 5/25/2023

#10 (44.33509/-96.78090)

#11 (44.33623/-96.77642)

10 + 11 = BS:SMC

216-3 = BS:SMC

674-3 = BS:SMC

1117-3 = BS:SMC

1296-3 = BS:SMC