

Form 2 - Application for Permit to Appropriate Water-Original (Includes Approval and Permit)

No. 2889-3

Map No. 2221-3 Water Division No. 3 Big Sioux River District
(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 Dale Chicoine
Postoffice address Jefferson, State South Dakota
If a corporation show date and place of incorporation NA
2. Method of accomplishing work (contract, employment of others, or by direct labor) contract
Chicoine Irrigation Project
3. Name of diversion work _____
4. Amount of water claimed (cubic feet per second) 2.7 CFS
5. Source of water supply Well
6. Location of point of diversion 3330' East and 2170' north of SW corner of Section 16, T90N R48W

County Union
7. Annual period or periods during which water is to be used June through September
8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation
9. For irrigation use, _____
Total number of acres to be irrigated 380

List below each forty acre sub-
Parcel A in the SW $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$ Section 16, SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 15, Parcel B in the E $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 16, W $\frac{1}{2}$ SW $\frac{1}{4}$ Section 15, all in T90N R48W, 5th PM.

10. Time required to complete construction of water supply system 5 years. Additional time required to complete application of water to the proposed beneficial use 5 years.

11. Choice of newspaper for Notice of Intent to Appropriate Water publication Lender-Courier, Elk Point, S.D.

12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source.

6x12 - - - - -

B. Works proposed to transport water to place of use.

- - - - -

C. Works proposed to apply water to beneficial use.

Center Pivot

Estimated Total Cost \$ 10,000.00

Attachment: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map.
(See instructions concerning preparation.)

STATE OF SOUTH DAKOTA

County of Union

I, Dale C. Chicoine the applicant, certify that I have read the foregoing application and have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete, the necessary construction.

Signed Dale C. Chicoine

Subscribed and sworn to before me this 16 day of August, 1976

R. G. Tom Bohem
Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 2889-3

DALE CHISCOINE

(Applicant)

R.R. JEFFERSON

(Post Office Address)

PO BOX SOUTH DAKOTA 57038 With the following modifications:
(State)

The irrigation well approved under this Permit will be located near domestic wells and other irrigation wells which may obtain water from the same aquifer. The irrigation well owner, under this Permit, shall control his irrigation withdrawals so there is not a reduction of needed water supplies in existing domestic wells or in irrigation wells having prior water rights.

Date of first receipt of application AUGUST 19, 1976

Date of return to applicant for correction, amendments or changes required _____, 19 ____

Date of receipt of corrected application AUGUST 25, 1976

Approved SEPTEMBER 30, 1976, Recorded in Book 16 Page 27

WATER RIGHT PERMIT NO. 2889-3

(The Water Rights Commission hereby grants and issues this Water Right Permit No. 2889-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is AUGUST 19, 1976
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before MARCH 30, 1979
3. The whole of said work is to be completed on or before SEPTEMBER 30, 1981
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is SEPTEMBER 30, 1981
5. The water appropriated shall be used for the purpose of IRRIGATION

6. 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.

7. The amount of the appropriation herein granted shall not exceed 2.7 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and if for the irrigation purposes said appropriation must be limited to not more than 3 acre feet per acre per year and 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 SEPTEMBER 30, 1981; said water to be used during the following described annual period: JUNE THRU SEPTEMBER

Witness my hand this 23RD day of NOVEMBER, 19 76

WATER RIGHTS COMMISSION

By:

John Walsh
Chief Engineer, Executive Officer

Certificate of Construction Issued FEBRUARY 6, 1978

Water License Issued FEBRUARY 6, 1978

Form 2A - Wells, Dugouts or Water Storage Dams (Supplement to Form 2)

12. Principal Features of the Proposed Water Supply System (continued.)

B. Well Information or Estimates

- (1) Drill Hole, Diameter 30 inches, Depth 100 feet
- (2) Casing, Type transite (wood, concrete, steel, etc.) Diameter 16" I.D. Thickness 3/4 inch
- (3) Perforated Screen, Type 1/8" slotted Diameter 16" I.D., Length 20+ feet
- (4) Gravel Pack, Thickness 6-9 inches, Length of gravel pack 20+ feet

E. Dugout Information or Estimates.

- (1) Surface dimensions -----, Depth -----

F. Fill out for Either a Well or a Dugout.

- (1) Water Bearing Materials. (Please attach a copy to test well log if available.)

Character of Water bearing materials Waterbearing sand and gravel

Depth to top of water bearing material 20 feet

Depth to bottom of water bearing material 100 feet

Thickness of water bearing material 80 feet

Depth to water (ground surface to water level) 14 foot drawdown

- (2) Distance to nearest existing household or livestock watering wells.

On same owner's property 160 rds. On property owned by others 320 rds.

G. Water Storage Dams.

If the proposed water use system contains one or more water storage dams, please show in the space below, the height, maximum water depth, surface area and storage capacity of each storage dam. The location of each water storage dam should be shown on the water right map.

Pak Chai

Signature of Applicant

STATE CONSERVATION COMMISSION
SUPPORTING IRRIGATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(THIS FORM REQUIRED FOR PROPOSED GROUND WATER IRRIGATION ONLY)

NAME DALE CHICOMINI
ADDRESS R. Pte., Jefferson, South Dakota 57033
COUNTY Union

LEGAL DESCRIPTION

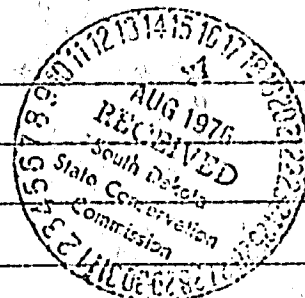
1. WELL LOCATION 3150' East & 1950' North of SW Corner of Sec. 16, T90N, R45W
2. LOCATION OF AREA TO BE IRRIGATED Parcel B in E $\frac{1}{2}$ of SE $\frac{1}{4}$, Sec. 16, T90N, R45W
SE $\frac{1}{4}$, SE $\frac{1}{4}$, NE $\frac{1}{4}$, SW $\frac{1}{4}$ of NE $\frac{1}{4}$, Sec. 16, T90N, R45W

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT X GUN _____
4. CROPS TO BE IRRIGATED _____

WATER QUALITY

5. SAMPLE NUMBER 71-862
6. SALINITY (EC X 10⁶) 369 (high)
7. SODIUM (SAR) 164 (low)
8. RESIDUAL SODIUM CARBONATE (meq/l.) 0



I do hereby certify that a chemical analysis of the ground water representative of that used to irrigate shall be acquired from South Dakota State University and:
the soils information has been acquired from Union Conservation District,
County Extension office or Soil Conservation Service.
and:
that the legal description for the location of the well and land to be irrigated is true
and correct.

Dale Chicomini
APPLICANT'S SIGNATURE

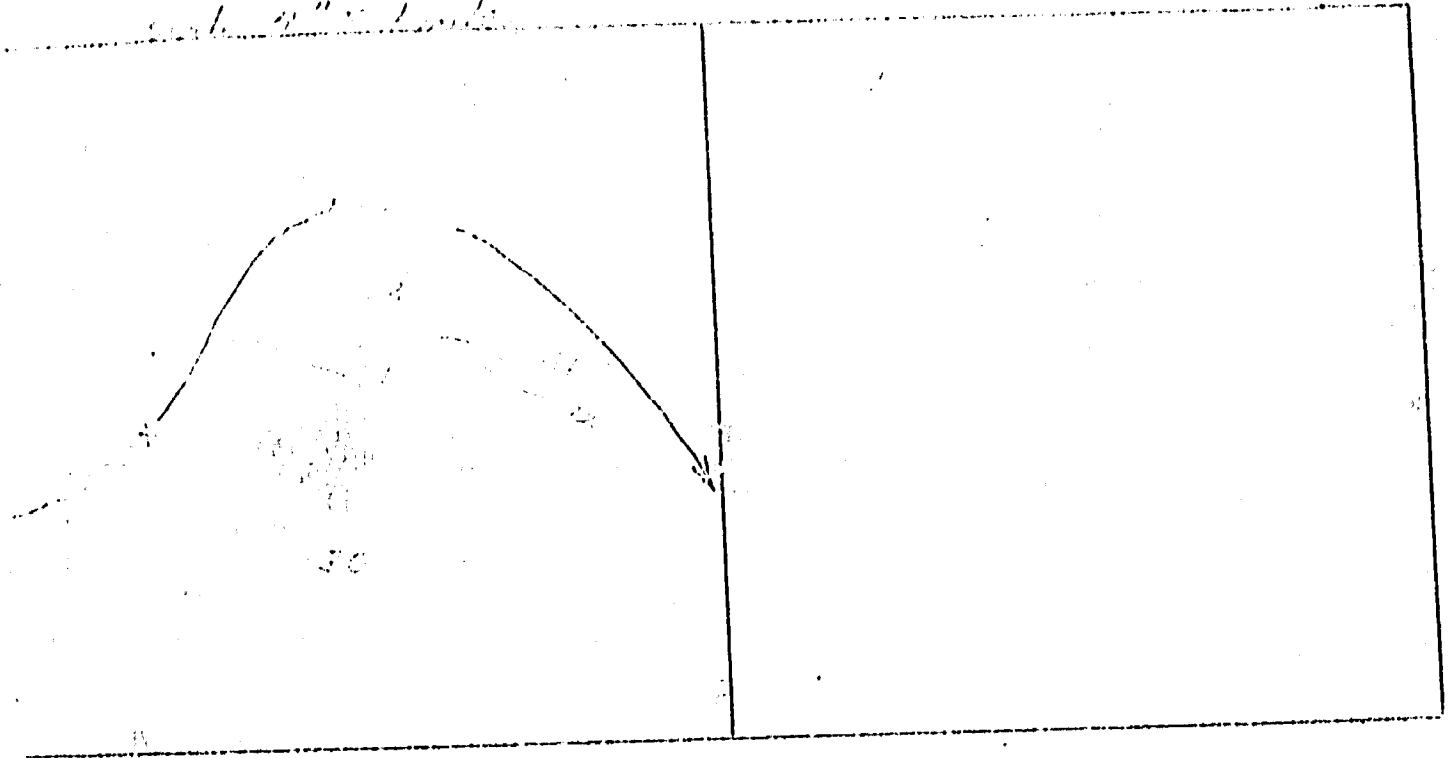
SUBSCRIBED AND SWORN BEFORE ME THIS
22 DAY OF July 19 76.

Robert M. Mangan
(TITLE OR SEAL)

Albert A. G. [Signature]
APPROVED/DISAPPROVED

(SOILS INFORMATION ON REVERSE SIDE)

Sub 2" - 1000



NARRATIVE

- 41 - Ka - I1 - Kennebec Silty Clay Loam - 0-2% - Deep, loamy, well and moderately well drained soils on bottom lands that sometimes receive beneficial overflow. They have few or no limitations on use.
- 42 - Ea - IIv1 - Benclare Silty Clay Loam - 0-1% - Deep clayey and loamy, somewhat poorly or poorly drained soils with slow permeability or that are ponded. They occupy nearly level to flat slopes or depressions. Choice of crops and time of tillage is limited by seasonal wetness.
- 43 - Ld - IIIw2 - Luten Silty Clay - 0-1% - Deep, slowly permeable, clay soils on nearly level (0 to 2%) bottom lands that are somewhat poorly drained and occasionally flooded. Land operations are often delayed by wetness and crops and yields may be limited.
- 44 - Si - I1 - Salix Silty Clay Loam - (same specifications as Kennebec shown above.)
- 45 - Vu2 - Albaton Silty Clay - 0-1% - Very poorly drained sandy to clayey soils on bottom lands and in depressions. Part of vegetation is of marsh type not suitable for grazing; but more than 50 percent is suitable.
- 46 - IIv1 - Blencoe Silty Clay - (same specifications as Benclare shown above.)

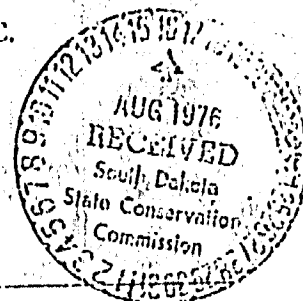
REPORT OF ANALYSIS
 Water Quality Laboratory
 Water Resources Research Institute
 South Dakota State University
 Brookings, South Dakota 57006

Submitted by: _____ Date Rec'd: _____
 Address: _____ Sample No.: _____
 Identification: _____

WATER ANALYSIS

Calcium (Ca)	ppm*	me/l**
Magnesium (Mg)	ppm	me/l
Sodium (Na)	ppm	me/l
Potassium (K)	ppm	me/l
Sulfate (SO ₄)	ppm	me/l
Nitrate (as N)	ppm	me/l
Chloride (Cl)	ppm	me/l
Bicarbonate (HCO ₃)	ppm	me/l
Carbonate (CO ₃)	ppm	me/l
Iron (Fe)	ppm	me/l
Fluoride (F)	ppm	g.p.g.***
Hardness (EDTA as CaCO ₃)	ppm	
Alkalinity (Methyl Orange)	ppm (as CaCO ₃)	
Alkalinity (Phenolphthalein)	ppm (as CaCO ₃)	
Electrical Conductivity	microhmhos per cm at 25° C.	
Sodium Adsorption Ratio	% of cations	
Sodium	me/l	
Residual sodium carbonate		
pH		
Others:		

*ppm=parts per million
 **me/l=millequivalents per liter
 ***g.p.g.=grains per gallon



COMMENTS: 1 17.5 /1
 1 17.5 /1

By: _____

Service Performed: _____

Amount Due: _____

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No.: _____

Amount Enclosed \$ _____

Signed: _____

WATER LICENSE NO. 2882-3

(1) WHEREAS, On the 10th day of August A. D. 19 76
Dale Chicoine
 made Water Right Application No. 2882-3 for a permit to use 2.7 cubic feet per second of the waters
 of groundwater
 County of Union, State of South Dakota, for irrigation
 purposes; and

(2) WHEREAS, On the 23rd day of November A. D. 19 76
 Permit No. 2882-3, with a date of priority of August 10, 1976
 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 30th day of September A. D. 19 81 and for the
 application to beneficial use of said water on or before the 30th day of September A. D. 19 81

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 2.7 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,

for irrigating the following land in Section 16, T90N, R48W

SE $\frac{1}{4}$ NW $\frac{1}{4}$ 26 acres

SW $\frac{1}{4}$ NE $\frac{1}{4}$ 36 acres

SE $\frac{1}{4}$ NE $\frac{1}{4}$ 12 acres

NW $\frac{1}{4}$ SW $\frac{1}{4}$ 3 acres

NE $\frac{1}{4}$ SW $\frac{1}{4}$ 40 acres

SE $\frac{1}{4}$ SW $\frac{1}{4}$ 21 acres

NW $\frac{1}{4}$ SE $\frac{1}{4}$ 40 acres

NE $\frac{1}{4}$ SE $\frac{1}{4}$ 27 acres

SW $\frac{1}{4}$ SE $\frac{1}{4}$ 36 acres

SE $\frac{1}{4}$ SE $\frac{1}{4}$ 10 acres

Total 250 acres

(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 _____ Dale Chisoline _____

_____ of _____ Jefferson _____

the holder _____ and owner _____ of said permit No. 2880-3 a water right, dating from August 19, 1970 _____
_____ to use of 2.7 cubic feet per second of the waters
of groundwater _____

in the County of Union _____ and State of South Dakota, or so much thereof as may be necessary for the
purposes hereinbelow mentioned, to be diverted at a point 3020'E and 2000'N of the SW corner,
Section 16, T90N, R48W _____

and conduct to and upon portions of Section 16, T90N, R48W, described on the face
of the License _____

for the purpose of irrigation _____

Subject to any limitations listed in Water Right Permit No. 2880-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 6th day of February A. D.
Nineteen Hundred and seventy-eight

WATER RIGHTS COMMISSION

By:

John Hatch
Chief Engineer, Executive Officer

Form 15.

Permit No. 2889-3

Water Diversion No. 3 Big Sioux River Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Dale Chicoline

_____ the holder _____ of
Permit No. 2889-3, issued upon Application No. 2889-3, bearing date of priority of August 14,
1976 authorizing the diversion of 2.7 cu. ft. per second of the waters of _____
groundwater County of Union, State of South Dakota at _____
a point 3020' E and 2000' N of the NW corner, Section 16, T90N, R48W
_____, for irrigation

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 3.12 cu. ft. per second of water.

Date February 6, 1978

By: WATER RIGHTS COMMISSION
John Hatch
JOHN HATCH, Chief Engineer

An 2889-3

Publish first publication, on or before September 16, 1976

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

August 30, 1976

Notice is hereby given that Dale Chicoine

whose post office address is Jefferson, 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

3.7 cubic feet of water per second of time from the ground water through the

Dale Chicoine #1, the point of diversion of which is to be located in the

NW 1/4 Sec 16

of Section 16, Twp. 00N, Range 48W. Said water to be used for the purpose of providing irrigation on ^{portions of} the following described land:

SW 1/4, Section 16; S 1/4, E 1/4 NW 1/4, W 1/4 NE 1/4, Section 16,

T00N, R48W

This application No. 2889-3 will be considered by the Water Rights Commission at their office at Pierre upon the 29th day of September, 1976, at 10:00 A.M. All interested persons may appear and be heard.

WATER RESOURCES COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BFJ/bw
cc:

Dale Chicoine, R.R. Jefferson, S.D. 50038

No. 3827-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Union) ss.

I, Lester E. Emerson hereby

certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the Leader Courier

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 Elk Point

County of Union and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

September 9, 1976

September 16, 1976

Lester E. Emerson
(Signature)

Publisher
(Title)

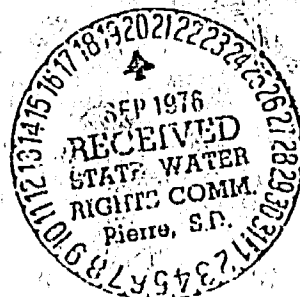
September 17, 1976
(Date Signed)

NOTICE OF INTENT TO
APPROPRIATE WATER

Notice is hereby given that Dale
Chicoine, whose post office ad-
dress is Jefferson, South Dakota,
has made an application in accor-
dance with the provisions of the
water laws of South Dakota for a
permit to appropriate for benefi-
cial use 2.7 cubic feet of water per
second of time from ground water
through the Dale Chicoine #1, the
point of diversion of which is to be
located in the NW 1/4 of Sec-
tion 16, Twp. 90N, Range 48W.
Said water to be used for the pur-
pose of providing irrigation on a
portion of the following describ-
ed land:

SW 1/4, Section 15, S 1/2, E 1/2, NW 1/4,
W 1/4 NE 1/4, SE 1/4 NE 1/4, Section 16,
T 90N, R 48W, S 1/2, E 1/2, NW 1/4.
This application No. 2888-3 will
be considered by the Water Rights
Commission at their office at Pier-
re upon the 29th day of Septem-
ber, 1976, at 10:00 A.M. All in-
terested persons may appear and
be heard.

WATER RESOURCES COMM-
MISSION
By: Burton F. Jones
Water Rights Specialist
(Pub. Sept. 9, 1976)



Permit No. 2589-3Water Division 3 Big Sioux River Water DistrictREPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE

TO: Water Resources Commission, State Office Building No. 2, Pierre, South Dakota 57501

I have this day made a thorough examination of the water use system constructed by Dale
Chicoine of Jefferson, South Dakota holder
of Permit No. 2889-3, bearing date of priority of August 19, 1976
authorizing the diversion of 2.7 cu. ft. per second of the waters of Ground
for Irrigation purposes, in Union County.

I have to report on the condition of the same as follows:

The Water Use System consists of,

A. Works used to divert the water:

Engine - Caterpillar Diesel 3208, 175 HP V8
Ser # 40521825,
Pump - Well Line, Pump # 8128716, 5 stage, 12 I.H. Bowl
pumping 1400 gpm

B. Works used to transport water to place of use,

Aluminum Pipe

C. Works used to apply water to beneficial use.

Pierce Circle Master Center Pivot - Ser # 6141400-20358

The system is in the following condition: ExcellentThe point of diversion is located 3020 ft East and 2000 ft North of the
SW Corner of Section 16, T90N R48WThe works are capable of diverting and conveying to the place of use 3.12cu. ft. per second of water which is to be used for IrrigationWater has been put to beneficial use to the maximum extent as follows: All in Section 16 T90N R48WSE 1/4 NW 1/4 - 25.0 Ac., SW 1/4 NE 1/4 - 36.0 Ac., SE 1/4 NE 1/4 - 12.0 Ac.NW 1/4 SW 1/4 - 3.0 Ac., NE 1/4 SW 1/4 - 40.0 Ac., SE 1/4 SW 1/4 - 1.0 Ac.,NW 1/4 SE 1/4 - 40.0 Ac., NE 1/4 SE 1/4 - 27.0 Ac., SW 1/4 SE 1/4 - 36.0 Ac.,SE 1/4 SE 1/4 - 10.0 Ac.comprising a total of 250 acres of land.

Well Data:

Depth - 100 ft.

Capacity 1400 gpm

Pumping 1400 gpm

Date June 17, 1977LeRoy J. McEnough
(Signature)



Department of Natural Resource Development

WATER RIGHTS COMMISSION

Jon Foss Building, Pierre, South Dakota 57501

Phone 605/224-3151

February 10, 1978

Dale Chicoine
RR
Jefferson SD 57033

Dear Mr. Chicoine:

Enclosed herewith are, Water License No. 2689-3 and Certificate of Construction.

Water License No. 2689-3 is the final water right document completing your process of obtaining water right.

As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water.

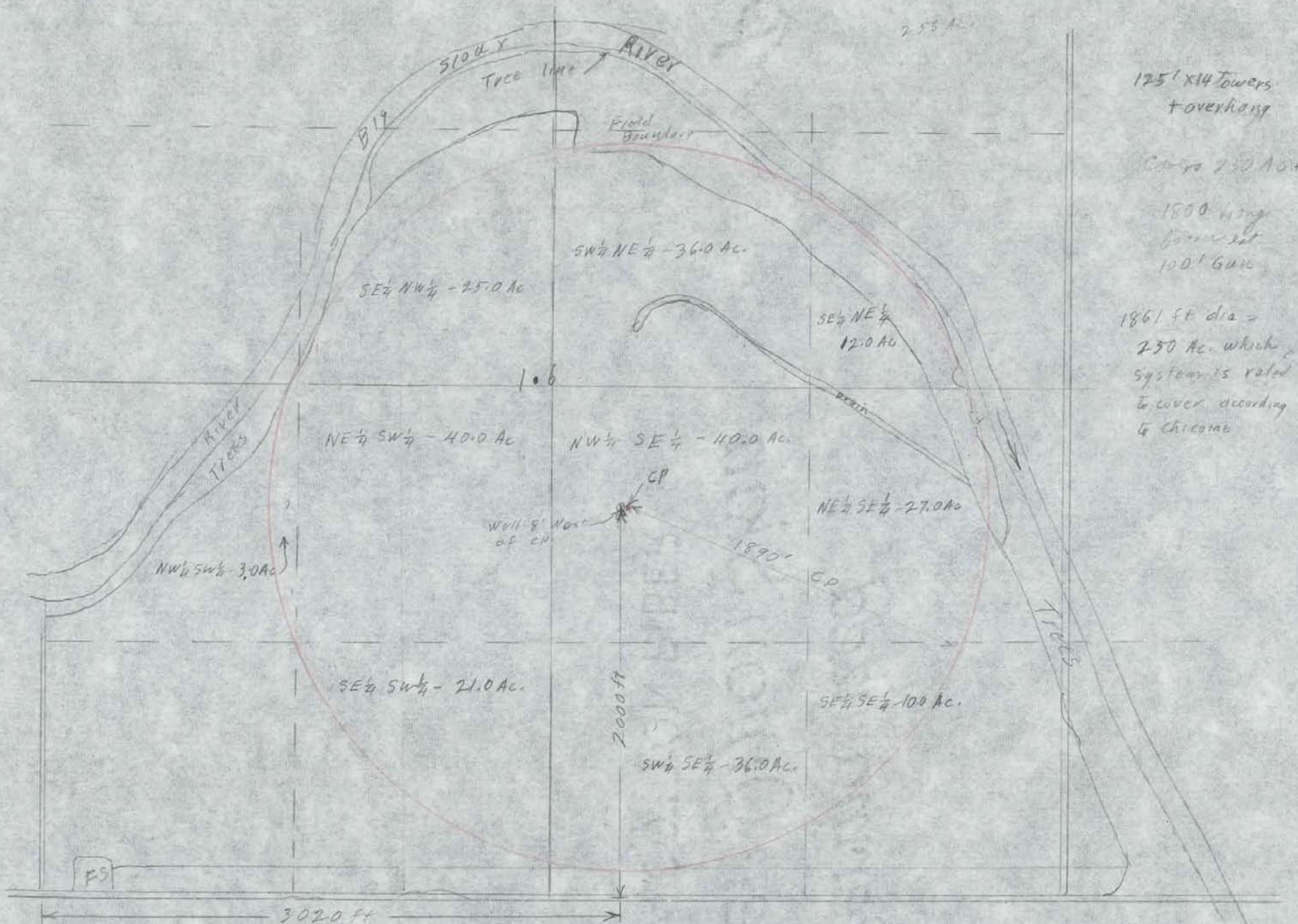
Very truly yours,

JOHN HATCH, Chief Engineer
WATER RIGHTS COMMISSION

JH: Rjw

Enclosures

NOTE: Your pump capacity is 3.12 cfs (1401 gpm). Based upon the acreage actually irrigated you are entitled to only divert 2.7 cfs (1212 gpm). Any diversion in excess of 2.7 cfs would be a violation of your water right.



125' x 14 Towers
+ overhang
Covers 250 Ac.
1800' long
Gun set
100' Gun
1861 ft dia -
250 Ac. which
system is rated
to cover according
to Chicoine

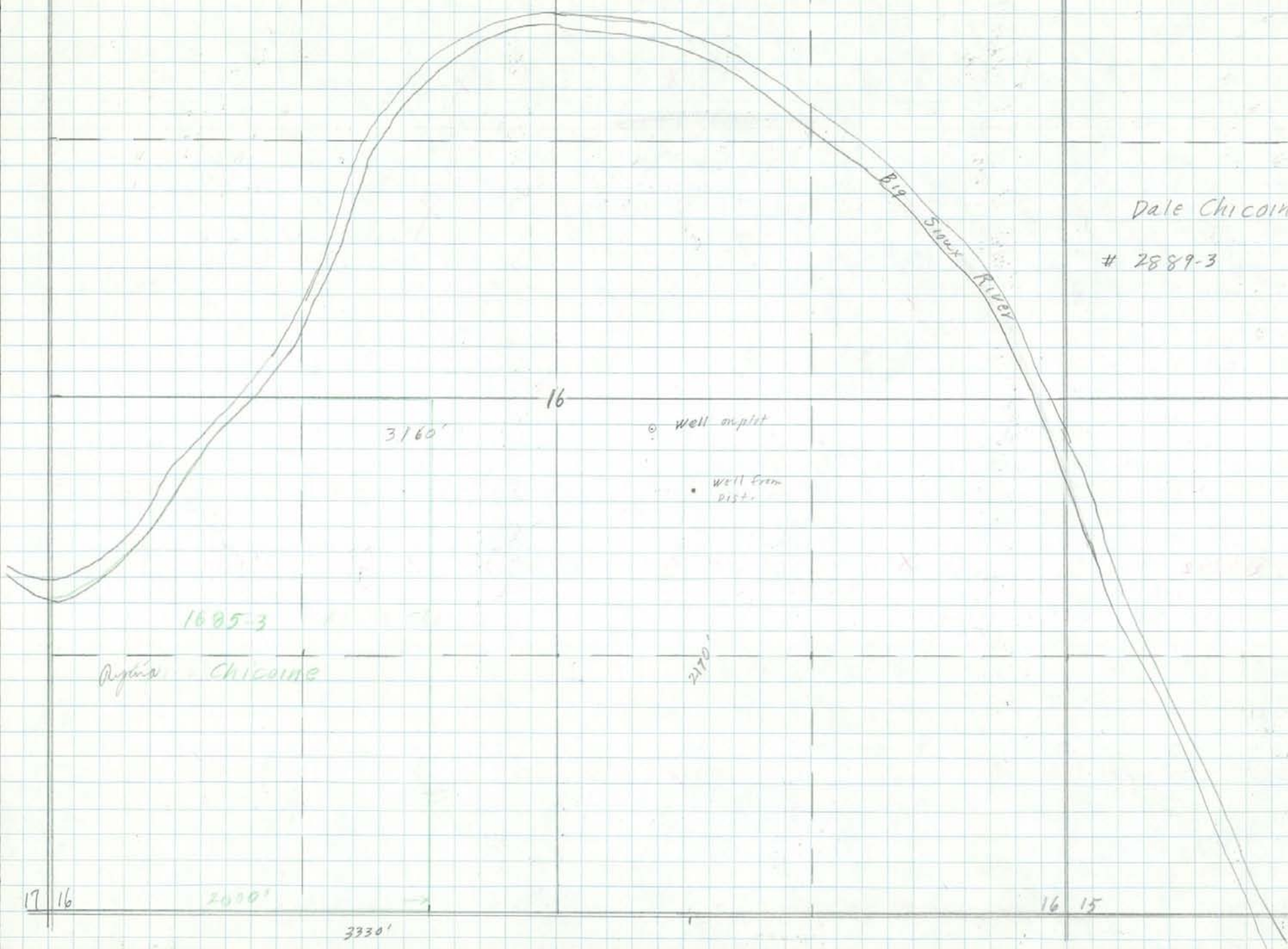
~~map 2889-3~~
w/R 2889-3

Dale Chicoine

1976 Aerial Map
by J. M. M. 6-14-77

17 16

16 15



Dale Chicoine

2889-3

Big Sioux River

16

3160'

Well outlet

Well from Dist.

2170'

1685-3

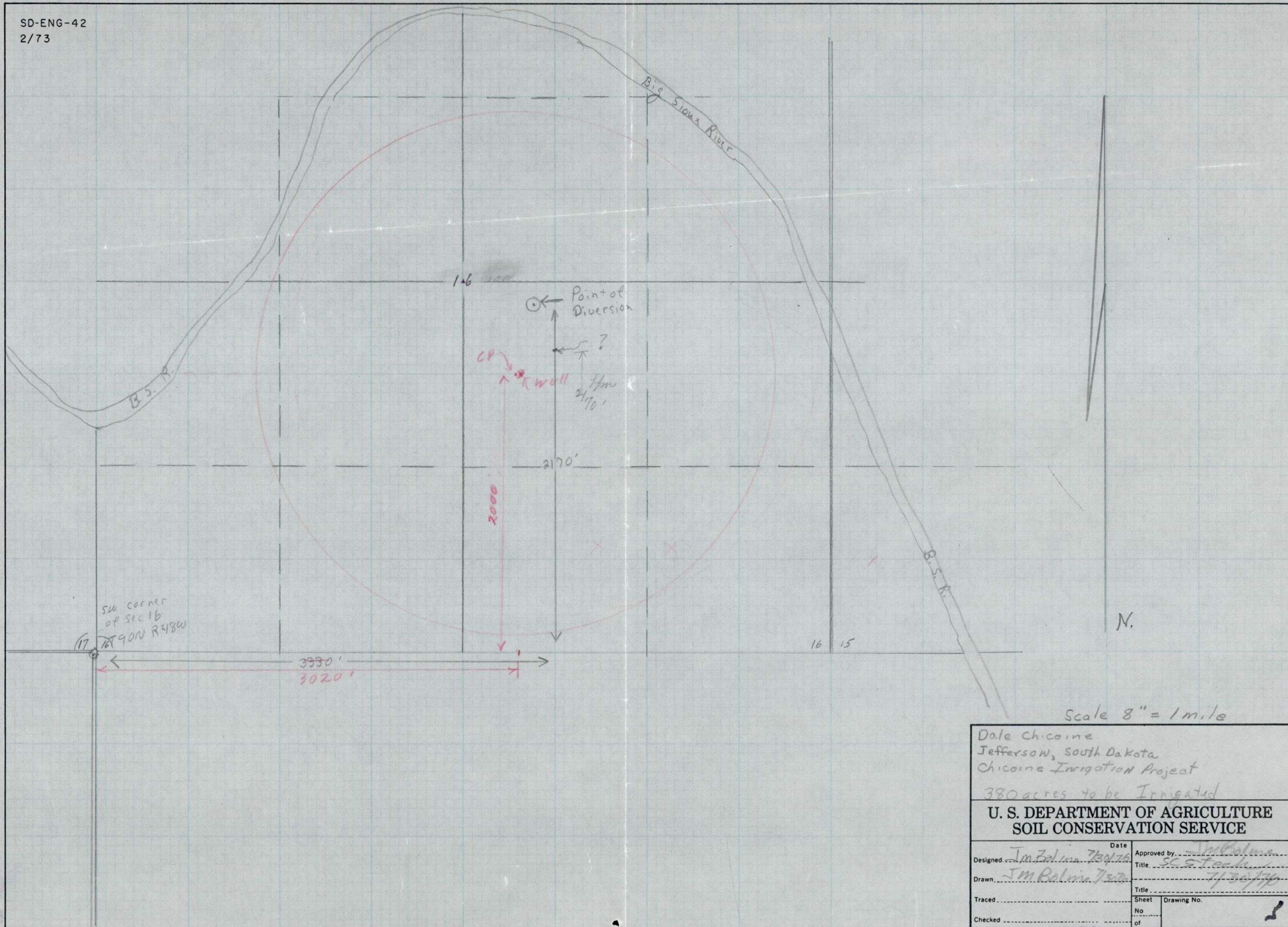
Dale Chicoine

2000'

3330'

17 16

16 15



Dale Chicoine Jefferson, South Dakota Chicoine Irrigation Project 380 acres to be Irrigated	
U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	
Designed by <u>Jim Bolin 7/30/76</u>	Date <u>7/30/76</u>
Drawn by <u>Jim Bolin 7/30/76</u>	Approved by <u>SC Steinhilber</u> Title <u>7/30/76</u>
Traced	Sheet No.
Checked	Drawing No.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
<http://denr.sd.gov>

October 23, 2019

Dale Chicoine
19529 Emile St
Elkhorn, NE 68022

RE: Irrigation Questionnaires for Water Right Nos. 2434-3, 2435-3, 2436-3 & 2889-3

Dear Mr. Chicoine:

Enclosed is a "Notice" dated October 18, 2019 concerning the 2019 irrigation questionnaires.

The notice was originally mailed to Jefferson SD. The post office notified us that your address has changed and I will update our records accordingly.

If you have any questions, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "Genny McMath".

Genny McMath
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

enclosures



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

October 21, 2025

2434-3, 2435-3,
2436-3, 2889-3

Dale Chicoine
2200 S Firestone Ln
Sioux Falls SD 57110

Dear Mr. Chicoine:

Enclosed is a "Notice" dated October 8, 2025, concerning the 2025 Irrigation Questionnaire.

The notice was originally mailed to you at 19529 Emile St, Elkhorn NE 68022. The post office notified our office that your address has changed, and your records have been updated accordingly.

This is a time sensitive matter. Please complete and return the enclosed questionnaire or submit your report online at <https://danr.sd.gov/iq/> using this password **UTPNDN**.

If this change of address is in-correct, please contact our office immediately to update your contact information.

Sincerely,

Amanda Dewell
Permitting Administrator
Water Rights Program
605 773-3352
Amanda.Dewell@state.sd.us

enclosures

581 NFE 114182510010/14/25
RETURN TO SENDER
CHICOINE
2200 S FIRESTONE LN
SIoux FALLS SD 57110-8512
RETURN TO SENDER
|||