

War Right Number 2434-3

1. Considered 1-22, 1976
2. Name of Applicant DALE CHICOINE
3. Post Office Address JEFFERSON
4. Amount of water claimed .57
5. Source of water supply GROUND WATER (104' DEEP WELL
6. Water to be used for IRRIGATION
- Acres to be irrigated 40
7. Water to be diverted and used in Union County
about 2W, 3S Miles of JEFFERSON
8. Proof of Publication Received 12-31-75
Not received _____
9. Application Approved _____
Subject to _____
Not approved _____
Action deferred _____
10. Remarks:

No. 2434.3Map No. 1811-3 Water Division No. 3 Big Sioux River District
(Blanks to be filled by the Engineer for the W. D. E. E.)

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 Chioine
 Post-office address RT B36 Jefferson State So Dak 57025
 If a corporation show date and place of incorporation None
2. Method of accomplishing work (contract, employment of others, or by direct labor) contract
3. Name of diversion work Chioine Irrigation Project #1
4. Amount of water claimed (cubic feet per second) 2.757 MAXIMUM ALLOWABLE
5. Source of water supply Well
6. Location of point of diversion 1920' East of 660' North of S.W. Corner of Sec 2 T 29 N R 49 W
- County Union
7. Annual period or periods during which water is to be used June through Sept.
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 40A

List below each forty-acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
SE 1/4 SW 1/4			
Sec 2 T 29 N R 49 W			
	40A		

Attach sheet if more space is needed

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 Leader Courier
R/K Point So. Dak.
57025
12. Principal Features of the Proposed Water Supply System.

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

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

C. Works proposed to apply water to beneficial use.

Center Pivot SystemEstimated Total Cost \$20,000Attachments: 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 UnionI, Dale Chioine 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 constructionSigned Dale Chioine
Subscribed and sworn to before me this 21 day of November, 1975

Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 2434-3
DALE CHICONE Rt. #1, Box 36, JEFFERSON
 (Applicant) (Post Office Address)
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 NOVEMBER 24 1975
 Date of return to applicant for correction, amendments or changes required — 19—
 Date of receipt of corrected application — 19—
 Approved JANUARY 23 1976 Recorded in Book 14 Page 192

WATER RIGHT PERMIT NO. 2434.3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 2434.3 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 NOVEMBER 24 1975
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before JULY 23 1978
3. The whole of said work is to be completed on or before JANUARY 23 1981
4. The limit of time from onset of beneficial use of water appropriated in accordance herewith is JANUARY 23 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 .57 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 JANUARY 23 1981; said water to be used during the following described annual period: JUNE THRU SEPTEMBER

Witness my hand this 28TH day of JANUARY 1976

WATER RIGHTS COMMISSION

John Hatch

Chief Engineer, Executive Officer

Certificate of Construction Issued FEBRUARY 3 1978Water License Issued FEBRUARY 3 1978

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

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

D. Well Information or Estimates

- (1) Drill Hole, Diameter 36", Depth 104'
- (2) Casing, Type Transite Diameter 16" I.D. Thickness 2/4 in
(wood, concrete, steel, etc)
- (3) Perforated Screen.
Type 1/2" slotted, Diameter 16" I.D., Length 39'
- (4) Gravel Pack, Thickness 10-9", Length of gravel pack 39' ft

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 Coarse gravel sands
to bedrock @ 68'

Depth to top of water bearing material 30'
Depth to bottom of water bearing material 104'
Thickness of water bearing material 75'
Depth to water (ground surface to water level) 18' Draw down

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

On same owner's property 80 rds. On property owner'd by others 160 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.

Dale Chisone
Signature of Applicant

November 4, 1975



Mr. Dale Chicoine
R.R. #1, Box 36
Jefferson, SD 57038

Dear Mr. Chicoine:

Your WI-1 form has been received and a copy of this letter and of the water analysis plus that form are being sent to the State Conservation Commission for their formal action.

I foresee no serious difficulty in the use of this water on soils you intend to irrigate. The sample (#75-1024) shows an electrical conductivity of 789 micromhos which is slightly above the medium salinity level and a sodium adsorption ratio of 2.37 which is low. These qualities of water are discussed more fully in the circular I am enclosing and you will note from the red cross on the outside back cover of this circular that the water is fairly good quality. On the Haney soils that you intend to irrigate, there should not be any appreciable build-up of salts or sodium problem. If such should develop, however, as evidenced by white or greyish crusts on the soil surface or poor performance of crops, please get in touch with us for inspection and further recommendations.

Sincerely yours,

L. O. Fine

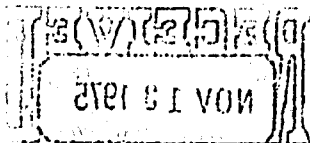
L. O. Fine
Water Quality Lab

LOF:ckb
Enclosures

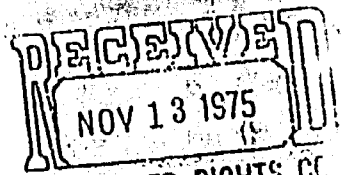
cc: State Conservation Commission

D. Fahl

Louie DeSmet, County Extension Agent



STATE WATER RIGHTS COMMISSION
SIOUX FALLS, S.D.



STATE WATER RIGHTS COMMISSION
PIERRE, SOUTH DAKOTA

Conservation
Commission
Form WI #1

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(This Form Required for Proposed Well Irrigation Only)

FOR COMMISSION USE ONLY

Irrigation System: _____

Water Quality: _____

Soils Capability: _____

Approved: [Signature]

Disapproved: _____

NAME: Wale Chisane

ADDRESS: 241 Jefferson St. D.R. 57038

COUNTY: Nebraska

LEGAL DESCRIPTION

1. WELL LOCATION: 660' North + 1980' East of the SW Corner of
Sec 2 T89N R49W
2. AREA TO BE IRRIGATED: SE 1/4 SW 1/4 Sec 2 T89N R49W 40 ac.

TYPE OF IRRIGATION

3. GRAVITY ☐ SPRINKLER (Indicate Type) ☒ Spinner
4. CROPS TO BE IRRIGATED: Corn + Soybeans

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: 0-2%
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: Haynie - Deep medium textured
soils with sandy subsoil throughout on nearly level
bottomlands

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: 75-1034
8. SALINITY: EC = 789 micromhos/cm (Med-high)
9. SODIUM: SAR = 3.37 (Low)

I do hereby certify that a chemical analysis of the ground water to be
acquired for irrigation from South Dakota State University and;
the land capability for irrigation information has been acquired from

Soil Conservation Service

and;

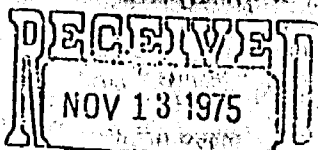
that the legal description for the location of the well and land to be
irrigated is true and correct.

Dale A. Schaefer

Subscribed and sworn before me this

8th day of Sept 19 75.

[Signature]
Notary Public
(Title)



STATE WATER RIGHTS CO.
SOUTH DAKOTA



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

Submitted by: Ed. L. Chicolino
 Address: Box 1, Box 36
Jefferson, SD 57038

Date Rec'd: October 24, 1975
 Sample No.: 75-1024
 Identification: 1 011
SWC, Sec. 2, T 89N, R 49W

WATER ANALYSIS

Calcium (Ca)	21	ppm*	1.05	me/l**
Magnesium (Mg)	45	ppm	3.69	me/l
Sodium (Na)	84	ppm	3.65	me/l
Potassium (K)	14	ppm	0.38	me/l
Sulfate (SO ₄)	95	ppm	3.97	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	4	ppm	0.13	me/l
Bicarbonate (HCO ₃)	376	ppm	6.35	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	308	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	739	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	2.37			
Sodium	41.61	% of cations		
Residual sodium carbonate	1.42	me/l		
pH	8.01			
Others:				

*ppm=parts per million

**me/l=milliequivalents per liter

***g.p.g.=grains per gallon

COMMENTS: Total cations 8.77 me/l
 Total anions 8.26 me/l

By: Shirley Hittan

Service Performed

Amount Due

Irrigation analysis

86.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 75-1024

Amount Enclosed \$

Signed

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2434-3

(1) WHEREAS, On the 24th day of November A. D. 19 75

Dale Chisoline

made Water Right Application No. 2434-3 for a permit to use .57 cubic feet per second of the waters of ground water

County of Union, State of South Dakota, for irrigation

purposes; and

(2) WHEREAS, On the 28th day of January A. D. 19 76

Permit No. 2434-3, with a date of priority of November 24, 1975

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 23rd day of January A. D. 19 81 and for the application to beneficial use of said water on or before the 23rd day of January 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 .50 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 34 acres in the SE1 SW1, Section 2, T89N, R49W

(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 Chicoine

_____ of Jefferson
the holder _____ and owner _____ of said permit No. 2434-3 a water right, dating from November 24, 1975
_____ to use of .50 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 1980'E and 660'N of the SW corner,
Section 2, T89N, R49W

and conduct to and upon 34 acres in the SW 1/4, Section 2, T89N, R49W

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 2434-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 3rd day of February A. D.
Nineteen Hundred and seventy-eight

WATER RIGHTS COMMISSION

By:

John H. Bates
Chief Engineer, Executive Officer

Permit No. 2434-3

Water Diversion No. 3 Big Sioux River Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Dale Chicoine

_____ the holder _____ of
Permit No. 2434-3, issued upon Application No. 2434-3, bearing date of priority of November 24,
1975 authorizing the diversion of .57 cu. ft. per second of the waters of _____
groundwater County of Union, State of South Dakota at _____
a point 1880'E and 660'N of the SW corner, Section 2, T85N, R49W

_____, 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 .89 cu. ft. per second of water.

Date February 3, 1978

By:

WATER RIGHTS COMMISSION

John Hatch
JOHN HATCH, Chief Engineer

Form 6 - Notice of Intent to Appropriate Water

J. 2434-3

Publish first publication, on or before January 8, 1976

**NOTICE
INTENT TO APPROPRIATE WATER**

Pierre, South Dakota 57501

December 8, 1976

Notice is hereby given that Dale Chicoine

whose post office address is Jefferson, South Dakota, has made application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use

.57 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

Center of the SE $\frac{1}{4}$ SW $\frac{1}{4}$

of Section 2, Twp. 89N, Range 10W. Said water to be used for the purpose of providing irrigation on the following described land:

SE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 2, T89N, R40W

This application No. 2434-3 will be considered by the Water Rights Commission at their office at Pierre upon the 22nd day of January, 1976, at 2:30 PM M. All interested persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BFJ/bv
cc: Dale Chicoine, Jefferson

No. 2434-3

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:

December 18, 1975

December 25, 1975

Lester E. Emerson
(Signature)

Publisher
(Title)

December 27, 1975
(Date Signed)

NOTICE OF INTENT TO
APPROPRIATE WATER
Pierie, South Dakota 57501
December 8, 1975

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 permit to appropriate
for beneficial use .57 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 Center of the SE $\frac{1}{4}$
SW $\frac{1}{4}$ of Section 2, Twp. 89N,
Range 49W. Said water to be
used for the purpose of provid-
ing irrigation on portions of the
following described land: SE $\frac{1}{4}$
SW $\frac{1}{4}$, Section 2, T89N, R49W.

This application No. 2434-3
will be considered by the Water
Rights Commission at their off-
ice at Pierre upon the 22nd day
of January, 1976, at 2:30 p.m.
All interested persons may app-
ear and be heard.

WATER RIGHTS COMMISSION

By: Burton F. Jones
Water Rights Specialist

Publish: December 18, 25.

2477-1 Date. Christm

2477-11 Sat. Dec 2 87-88

1811-3 1800-1000 1800-1800

Pump 100 ypm

CP-Gr. 100 ypm

Gr. 100 ypm

Motor 30 HP 1800 RPM

Model 8 K6238XH 30 B

Gr. 100 ypm

Pump 100 ypm

Pump 100 ypm

Gr. 100 ypm

Permit No. 2434-3Water Division 3 Big Sioux River Water District

**REPORT 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 Date
Chicoine of RR #1 Box 36, Jefferson, S. Dak 57038 holder
of Permit No. 2434-3, bearing date of priority of November 24, 1975
authorizing the diversion of .57 cu. ft. per second of the waters of Ground
for Irrigation Purposes 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:

Motor - General Electric - Model - 5-K6 238 x H 30B,
Ser # ALJ1022309, 30 HP, 1760 RPM

Pump - Wet Line, Pump # 79486 k., 5 stage, 16 K11 Bowls
pumping 400 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, Ser # 610100084758

The system is in the following condition: Excellent

The point of diversion is located 1480 ft East and 660 ft North of SW Corner of
section 2, T89N R49W

The works are capable of diverting and conveying to the place of use 0.89cu. ft. per second of water which is to be used for IrrigationWater has been put to beneficial use to the maximum extent as follows: See Sub Section 2,

T89N R49W - 34.0 Acres

comprising a total of 34.0 acres of land.

Well data.

Depth 100 ft.Capacity 400 gpm.Pumping 400 gpm.

Date June 2, 1977
L. Roy McManis
(Signature)



Department of Natural Resource Development

WATER RIGHTS COMMISSION

Joe Foss Building, Pierre, South Dakota 57501

Phone 605/224-3151

February 10, 1978

Dale Chicoine
Rt 1, Box 36
Jefferson SD 57038

Dear Mr. Chicoine:

Enclosed herewith are, Water License No. ~~2424-3~~ and Certificate of Construction.

Water License No. 2434-3 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.

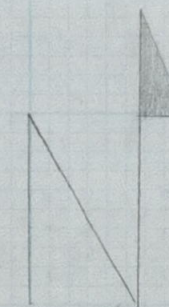
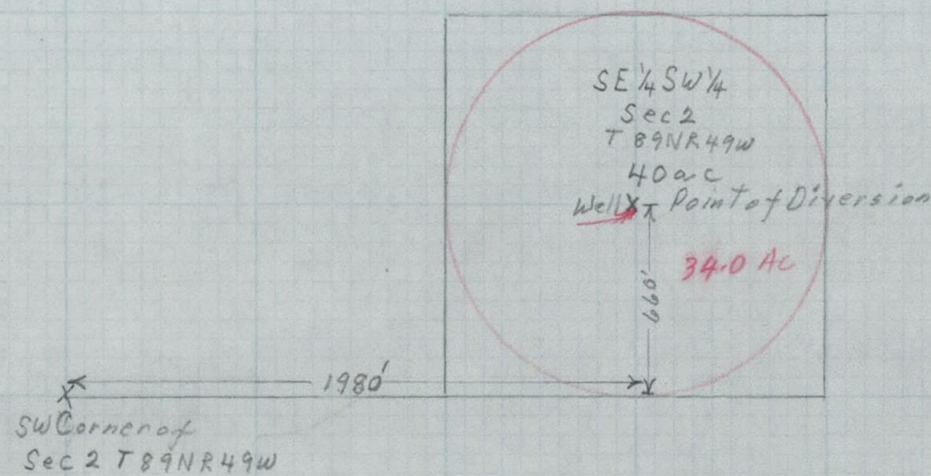
Very truly yours,

JOHN HATCH, Chief Engineer
WATER RIGHTS COMMISSION

JH: kjw

Enclosures

NOTE: Your pump capacity is .39 cfs (400 gpm). Based upon the acreage actually irrigated you are entitled to only divert .50 cfs (225 gpm). Any diversion in excess of .50 cfs would be a violation of your water right.



Scale: 8" = 1 mi.

Dale Chicoine
R#1 Jefferson, So. Dak 57038
Chicoine Irrigation Project No. 1

40 ac.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed <u>C. K. Dahlgron</u>	Date <u>11-19-75</u>	Approved by <u>C. K. Dahlgron</u>
Drawn <u>C. K. Dahlgron</u>	Date <u>11-19-75</u>	Title <u>Dist. Cont.</u>
Traced	Sheet	Drawing No.
Checked	No. <u>1</u>	of <u>1</u>



2434-3
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,

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
|||