

Water Right Number 2435-3

1. Considered 1-22, 1976
2. Name of Applicant DALE CHICONE
3. Post Office Address JEFFERSON
4. Amount of water claimed 1.7
5. Source of water supply GROUND WATER (108' DEEP WELL)
6. Water to be used for IRRIGATION
- Acres to be irrigated 120
7. Water to be diverted and used in Union County
about 3W 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. 24353Map No. 1812-3 Water Division No. 3 Big Sioux River District
(Blank to be filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

1/11

To Appropriately Water within the State of South Dakota

(NOTE - Draw a line through items not applicable)

1. Name of Applicant Dale Chicagoine
Postoffice address RT B 36 Jefferson, S.D. 57028
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 Chicagoine Irrigation Project No. 2
4. Amount of water claimed (cubic feet per second) 2.7 1.7 MAXIMUM ALLOWABLE
5. Source of water supply Well
6. Location of point of diversion 1320' North & 1320' West of the SE Corner of Sec. 15 T 96N R 49W
- 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 120 A

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.
E 3/4 SE 1/4			
Sec 15 T 96N R 49W			
	120 A		

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 Appropriately Water publication Leadley Courier
12. Principal Features of the Proposed Water Supply System. E/K Point S.D. 57025

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 System

Estimated Total Cost \$ 40,000Attachments: 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 Chicagoine, 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

Subscribed and sworn to before me this

21

day of

November1975

Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 2435-3
DALE CHICOINE (Applicant) Rt. 1, Box 36, JEFFERSON (Post Office Address)
SOUTH DAKOTA 57038 (State) With the following modifications:

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 19 75
 Date of return to applicant for correction, amendments or changes required — 19 —
 Date of receipt of corrected application — 19 —
 Approved JANUARY 23 19 76 Recorded in Book 14 Page 193

WATER RIGHT PERMIT NO. 2435-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 2435-3 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 19 75
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before JULY 23 19 78
3. The whole of said work is to be completed on or before JANUARY 23 19 81
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is JANUARY 23 19 81
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 1.7 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 JANUARY 23 19 81; said water to be used during the following described annual period: JUNE THRU SEPTEMBER

Witness my hand this 28TH day of JANUARY 19 76

WATER RIGHTS COMMISSION

By:

John Hatch
 Chief Engineer, Executive Officer

Certificate of Construction Issued SEPTEMBER 18 19 77

Water License Issued SEPTEMBER 18 19 79

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 30", Depth 108'
- (2) Casing, Type Transite Diameter 16" T.D. Thickness 3/4" in.
(wood, concrete, steel, etc)
- (3) Perforated Screen.
Type 1/2" slotted, Diameter 16" T.D., Length 59'
- (4) Gravel Pack, Thickness 6-9", Length of gravel pack 40' 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 & sand
to bedrock @ 70'

Depth to top of water bearing material 30'

Depth to bottom of water bearing material 108'

Thickness of water bearing material 75'

Depth to water (ground surface to water level) 18' Dugout

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

On same owner's property 80 rds. On property owned by others 500 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.

Paul A. Henderson
Signature of Applicant

October 29, 1975

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

Dear Mr. Chicoine:

Enclosed please find the original copy of the report of analysis on sample 75-1016. This is your report to keep. Also you will find enclosed a copy of extension circular 654 with the approximate quality of this water for irrigation purposes designated by the red cross on the outside back cover. You will see that it is in the medium to high salinity area and is low in its sodium hazard; that is, the sodium adsorption ratio of 3.19 means that it has moderately little sodium hazard as far as causing dispersion of soil aggregates is concerned. Under these conditions, the main difficulty in irrigating the piece of land you intend to irrigate is the very slow permeability of the subsoil of the Luton and the moderately slow intake rate at the surface. Occasionally this land has high water table as you already are aware and a combination of over-irrigation or irrigation to completely fill the soil root zone with substantial rains immediately following could cause a slow drainage situation which might result in damage to many crops. Since you are already aware of this factor, I presume you intend to govern your irrigation operations accordingly.

A copy of this letter, and a copy of the water analysis, and the WI-1 form are being sent to the State Conservation Commission for their action.

Sincerely yours,

L. O. Fine

L. O. Fine
Water Quality Lab

LOF:ckb

Enclosures

cc: State Conservation Commission

D. Pahl

Louie DeSmet, County Extension Agent



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

Submitted by: Dale Ohlson
Address: Rt. 1
Jefferson, SD 57038

Date Rec'd October 21, 1975
Sample No. 75-1016
Identification IT 211-
B 12, Sec. 15, T 90N, R 49W

WATER ANALYSIS

Calcium (Ca)	23	ppm*	1.15	me/l**
Magnesium (Mg)	48	ppm	2.04	me/l
Sodium (Na)	117	ppm	5.09	me/l
Potassium (K)	14	ppm	0.35	me/l
Sulfate (SO ₄)	208	ppm	9.36	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	15	ppm	0.42	me/l
Bicarbonate (HCO ₃)	329	ppm	5.40	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe) ^{mg}		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	270	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	828	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	3.19			
Sodium	48.33	% of cations		
Residual sodium carbonate	0.31	me/l		
pH	7.59			
Others:				

*ppm=parts per million

**me/l=milliequivalents per liter

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

COMMENTS: Total cations 10.53 me/l
Total anions 10.17 me/l

By: Shirley Mitten

Service Performed

Amount Due

Irrigation analysis

\$6.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 75-1016

Amount Enclosed \$

Signed

Conservation
Commission
Form WL #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 OF

Irrigation System: _____

Water Quality: _____

Soils Capability: _____

Approved: [Signature]

Disapproved: _____

NAME: Dale Chiesine

ADDRESS: 801 Jefferson S. D. 57030

COUNTY: Union

LEGAL DESCRIPTION

1. WELL LOCATION: 1320' North + 1320' West of Sec 15 T90N R49W
2. AREA TO BE IRRIGATED: E 3/4 SE 1/4 15 T90N R49 120 ac.

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate Type): Sprinkler
4. CROPS TO BE IRRIGATED: Perennial Crops

LAND CAPABILITY FOR IRRIGATION

- X 5. PERCENTAGE OF SLOPE: 0-2%
X 6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: Lutan (2 H 2 X W) Deep fine textured clayey silt loam with high water table doubling most of the year.

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: 2 75-1016
8. SALINITY: EC = 828 μ mhos/cm (Med-High)
9. SOUDEN: SAR = 3.19 (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

and:

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

Dale C. McGuire X.

Subscribed and sworn before me this

8th day of Sept 19 75.

F. T. Cherry

Notary Public

(Title)



WATER LICENSE NO. 2435-3

(1) WHEREAS, On the 24th day of November A. D. 1975 Dale Chilcolne

made Water Right Application No. 2435-3 for a permit to use 1.7 cubic feet per second of the waters of ground water (one well) County of Union State of South Dakota for Irrigation

purposes; and (2) WHEREAS, On the 23rd day of January A. D. 1976 Permit No. 2435-3 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. 1981 and for the application to beneficial use of said water on or before the 23rd day of January A. D. 1981

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 1.45 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 irrigate the following land in Section 15, T90N, R49W

NW 1/4 SE 1/4 17 acres

NE 1/4 SE 1/4 34 "

SW 1/4 SE 1/4 17 "

SE 1/4 SE 1/4 34 "

TOTAL 102 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 Chlooline

_____ of Jefferson

the holder _____ and owner _____ of said permit No. 2435-3 a water right, dating from November 24, 1975

_____ to use of 1.45 cubic feet per second of the waters

of ground water (one well)

in the County of Union and State of South Dakota, or so much thereof as may be necessary for the

purposes herebelow mentioned, to be diverted ~~xx in the center of the SE1, Section 15, T90N, R49W~~

and conduct to and upon portions of land in SE1, Section 15, T90N, R49W more fully described
on the face of this license

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 2435-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota

this 18th day of September A. D.

Nineteen Hundred and Seventy-nine

Board of Water Management

By:

John Hatch
Chief Engineer

JOHN HATCH

Form 15

Permit No. 2435-3

Water Diversion No. 3 Big Sioux River Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Dale Chilcolne

_____ the holder _____ of
Permit No. 2435-3, issued upon Application No. 2435-3, bearing date of priority of
November 24, 1975 authorizing the diversion of 1.7 cu. ft. per second of the waters of
ground water (one well) County of Union, State of South Dakota ~~xx~~
In the center of the SE $\frac{1}{4}$, Section 15, T90N, R49W

_____, for Irrigation

purposes, has ^s_____ 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 2.0 cu. ft. per second of water

Date September 18, 1979


JOHN HATCH, Chief Engineer
Water Rights, WMD

Form 6 - Notice of Intent to Appropriate Water

0. ~~2-1-75~~

Publish first publication, on or before ~~January 1~~, 19 ~~75~~

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

~~January 1~~, 19 ~~75~~

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 official use

1.7 _____ cubic feet of water per second of time from the ground water through the Dale Chicoine No. 2, the point of diversion of which is to be located in the _____

Center of the SEP

of Section 15, Twp. 20N, Range 49W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

E 1/2 SE 1/4, E 1/2 W 1/2 SE 1/4, Sec. 15, T20N, R49W

This application 2005-1 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/bw
Dale Chicoine, Jefferson, S.D.

No. 2435-3

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 - Pioneer

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
Pierre, South Dakota 57501
December 8, 1975

Notice is hereby given that
Dale Chicoine whose post office
address is Jefferson, South Dak-
ota, has made an application in
accordance with the provisions
of the water laws of South Dako-
ta for a permit to appropriate
for beneficial use 1.7 cubic feet
of water per second of time
from the ground water through
the Dale Chicoine No. 2, the
point of diversion of which is to
be located in the Center of the
SE $\frac{1}{4}$ of Section 15, Twp. 90N,
Range 49W. Said water to be
used for the purpose of provid-
ing irrigation on portions of the
following described land: E $\frac{1}{2}$
SE $\frac{1}{4}$, E $\frac{1}{2}$ W $\frac{1}{2}$ SE $\frac{1}{4}$, Sec. 15, T90
N, R49W.

This application No. 2435-3
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.

Permit No. 2435-3Water 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 DALE
CHICONE of JEFFERSON holder
of Permit No. 2435-3, bearing date of priority of NOVEMBER 24, 1975
authorizing the diversion of 1.7 cu. ft. per second of the waters of GROUNDWATER
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:

100' DEEP WELL W/ 16" CONCRETE CASING
LAYNE BOWLER 8" PUMP #79479 - 4 STAGE - 12 KM BOWLS
POWERED BY 75HP - US ELECTRIC MOTOR

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

30' OF 8" MAINLINE TO CENTER OF PLOT

C. Works used to apply water to beneficial use.

PIERCE CIRCLE MASTER ELECTRIC DRIVE CENTER PIVOT
WITH END GUN

The system is in the following condition: GOOD

The point of diversion is located IN THE CENTER OF THE SE 1/4, SECTION 15,
T90N, R49W

The works are capable of diverting and conveying to the place of use 2.0cu. 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 15, T90N, R49W

NW 1/4 SE 1/4	17	ACRES
NE 1/4 SE 1/4	34	"
SW 1/4 SE 1/4	17	"
SE 1/4 SE 1/4	34	"

comprising a total of 102 acres of land.

1.45

Date July 24, 1979
[Signature]
(Signature)

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 7045

PIERRE, September 18, 1979

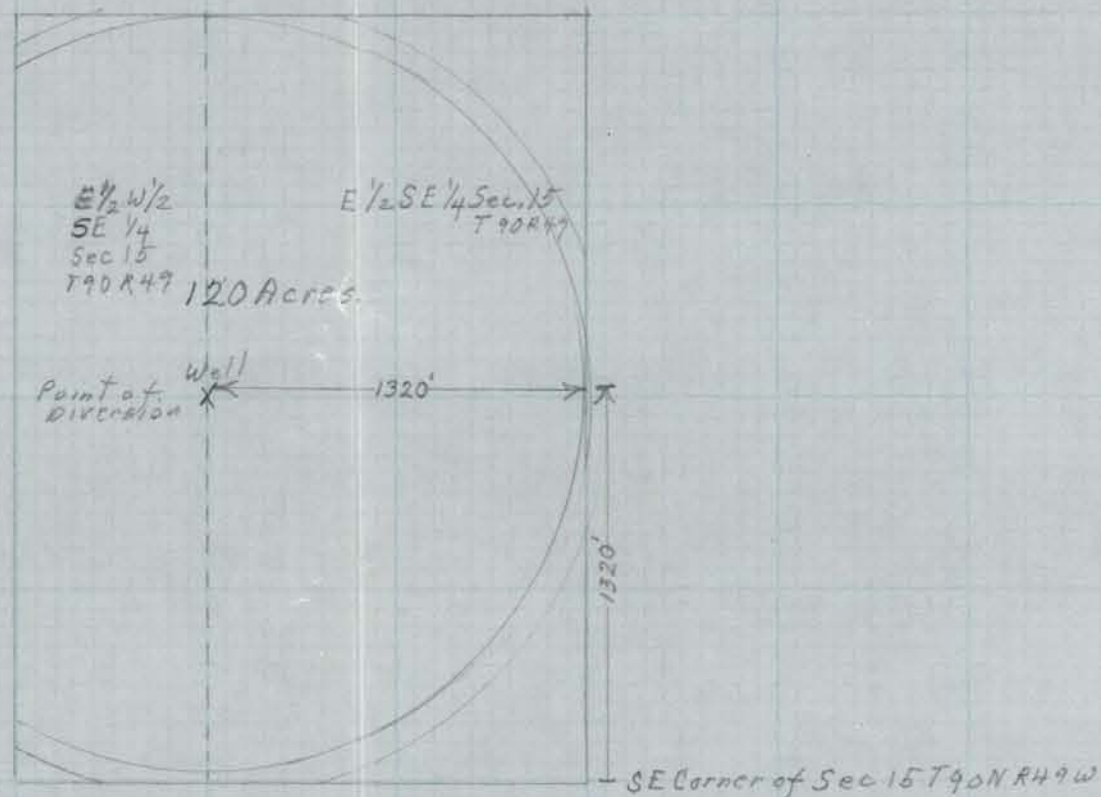
RECEIVED OF Dale Chicoine, Rt #1, Box 36, Jefferson SD 57038

the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit to Appropriate Water No. (examination, processing, recording and filing)		
Fee for inspecting Construction, and issuing Cert. of Construction No. 2425-3)	50	00
Fee for inspecting Beneficial Use, and issuing Water License No. 2435-3)		
Fee for issuing Location Certificate-D- ... No.		
Fee for filing		
Fee for certified copy of		
Fee for Print copy of map		
Fee for Certifying		
Fee for		
(any other work as provided by law)		
TOTAL	50	00

WATER RIGHTS COMMISSION

By John Hatch
Chief Engineer, Executive Officer
JOHN HATCH



Scale 8" = 1 mi

Dale Chicoine
#1 Jefferson, So. Dak 57038
Chicoine Irrigation Project #2

120 ac. to be Irrigated

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed	C. K. Dahlgren 11-19-72	Date	11-19-72	Approved by	C. K. Dahlgren
Drawn	C. K. Dahlgren 11-19-72	Title	Dist. Code		
Traced		Sheet	No. 1	Drawing No.	
Checked		of	1		



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
|||