

Water Right No. 4716-3

1. Considered MAY 1 1981
2. Name of Applicant MRS. WILLIAM L. CRONIN (FERN)
3. Post Office Address 1340 IOWA S.E., HURON 57350
4. Amount of Water Claimed ~~797~~ No ADD'L *called Plainsman 7/14/81 changed per*
5. Source of Water Supply 148' DEEP WELL
6. Water to be used for IRR
7. Acres to be Irrigated 138 maximum acre feet
8. Water to be diverted and used in BEADLE County
about 8 1/2 S, 3E miles of HURON
9. PROOF OF PUBLICATION Received ☒ 7-28-81

Not Received _____

APPLICATION

Approved _____

Subject to _____

Not Approved _____

Action deferred _____

Priority 3

Date

Received 3-25-81

Application Complete yes no

FEE

100.00
150.00

Remarks add'l acreage on 3099-3

WATER
QUALITY

Date Information and/or

fee or corrected Application received 4-2-81

Period of Annual use _____

Received yes 4/10/81 no _____

APPROVED CONDITIONAL (Circle one)

WI-1 Description same as application yes no _____

Remarks _____

Disapproved _____

Returned _____

Diversion Point _____

CENTER SE 4-28-109-61

Lands to be irrigated _____

NE 4 SEC 28 T109N, R61W

Remarks _____

Driller HURON DRL.

Licensed yes no _____

Depth 148' DEEP

WELL
LOG

Water Right No. _____

MAP

Map No. 3926-3 Map located In Water Right X Map file _____

Type of Map Aerial Prepared by ASCS

+++++

REVIEWED

This Application was reviewed within 30 days of date received, accepted as complete, Number assigned and written up for advertisement before the Board on 5-1-81.

D. Westlund
(Signed)

+++++

PROTESTS

Letters/Petitions In File - yes _____ no _____ Remarks _____

REMARKS

F.F. & C

OF LAW

FINAL

DECISIONS

ETC.

Date _____
Final Decision, including F.F. & C of Law were adopted _____
Date _____
Final Decision mailed to parties and/or parties notified that Final Decision was adopted _____

Remarks _____

WATER RIGHT APPLICATION APPROVAL

The Water Management Board hereby approves Water Right Application No. 4716-3

MRS WILLIAM L. CRONIN

(Applicant)

1340 IOWA SE, HURON

(Post Office Address)

SOUTH DAKOTA 57350

(State)

With the following qualifications.

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 adequate domestic wells or in irrigation wells having prior water rights.

This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

Date of first receipt of application

MARCH 25, 1981

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

MARCH 30, 1981

Date of receipt of corrected application

APRIL 10, 1981

Approved

MAY 1

1981

Recorded in Book

22

Page

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WATER RIGHT PERMIT NO.

4716-3

The Water Management Board hereby grants and issues this Water Right Permit No. 4716-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as qualified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is MARCH 25, 1981
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before NOVEMBER 1, 1983
3. The whole of said work is to be completed on or before MAY 1, 1986
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is MAY 1, 1988
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 1.97 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 irrigation purposes said appropriation must be limited to not more than 2 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 MAY 1, 1981; said water to be used during the following described annual period: MARCH - NOVEMBER

Witness my hand this

19TH

day of

MAY

1981

THE WATER MANAGEMENT BOARD

By:

John Hatch
Chief Engineer, Water Rights

Certificate of Construction Issued

19

Water License Issued

19

D. Well Information

(1) Drill Hole, Diameter _____, Depth _____

(2) Casing, Type _____, Diameter _____, Thickness _____
(wood, concrete, steel, etc.)

(3) Screen, Type _____, Diameter _____, Length _____

(4) Gravel Pack, Thickness _____, Length of gravel pack _____

E. Dugout Information or Estimates

(1) Surface dimensions, _____, Depth _____

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

(1) Water Bearing Materials. (Attach a copy of test well log)

Depth to top of water bearing material _____

Depth to bottom of water bearing material _____

Depth to water (ground surface to water level) _____

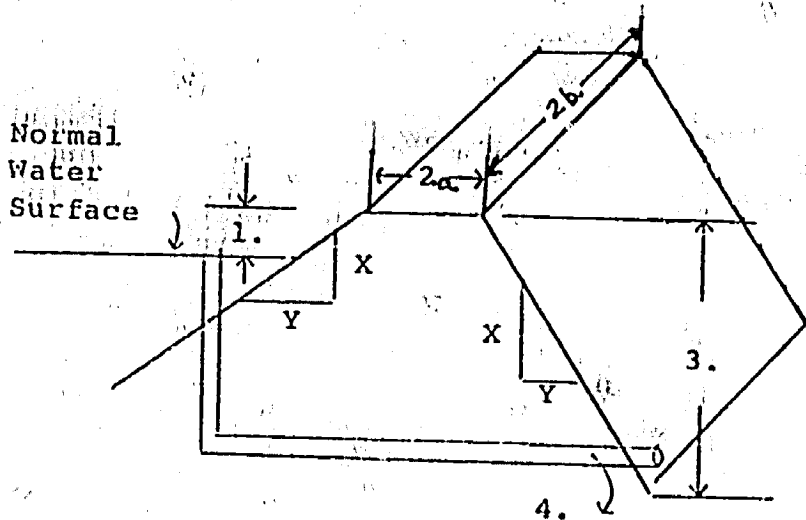
(2) Distance to nearest existing household or livestock watering well.

On same owner's property 240 rds.

On property owned by others 240 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, length, maximum water depth, surface area, drainage area, storage capacity, dam slope, dimensions, location and size of outlet works, of each storage dam. The location of each water storage dam should be shown on the water right map.



1. Freeboard _____

2a Crest width _____ b. length _____

3. Height of Dam : _____

4. Outlet dimensions:

Pipe diameter _____

Spillway width _____

X & Y slope:

Upstream _____

Downstream _____

Surface area of impoundment

Drainage area above dam

Mrs. Wm. L. Green (Green)
Signature of Applicant

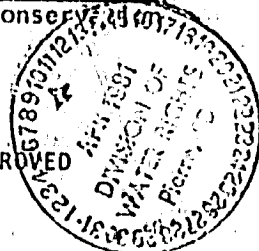
Signature of Applicant

4716-3

TENANT'S NAME AND ADDRESS: (If Other Than Owner)

LEGAL DESCRIPTION: (Show Legal Description to Nearest 10 Acres)

- Action by the Department of Agriculture or the State Conservation Commission is not the final action on any application. In all cases a WATER PERMIT must be obtained from the Board of Water Management.



IRRIGATION SOILS LECHED

Sh Shue loamy fine sand, 0-2% slope

En Elmore loamy fine sand, loamy substratum, 0-2% slope

These are deep, moderately well drained and somewhat poorly drained soils. The surface layer is fine sandy loam or loamy fine sand. The underlying material is loamy fine sand or fine sand. Thin layers of fine textures occur in some profiles. Available water capacity is low. Permeability is rapid. A water table is at 2 to 3 feet part of the year. These soils are on bottom lands and in swales.

These soils are subject to blowing. Fertilizer, especially nitrogen, is more effective if applied with irrigation water because of the rapid leaching that occurs in these soils. Special site investigation should be made to determine feasibility of irrigation on these soils because of the water table.

Generally, these soils are suitable for irrigation with medium salinity and medium sodium water. Water with high salinity can be used when extra water is applied for leaching purposes.

Fca Forestburg loamy fine sand, 0-3% slope

Fra Forestburg-Doger loamy fine sands, 0-3% slope

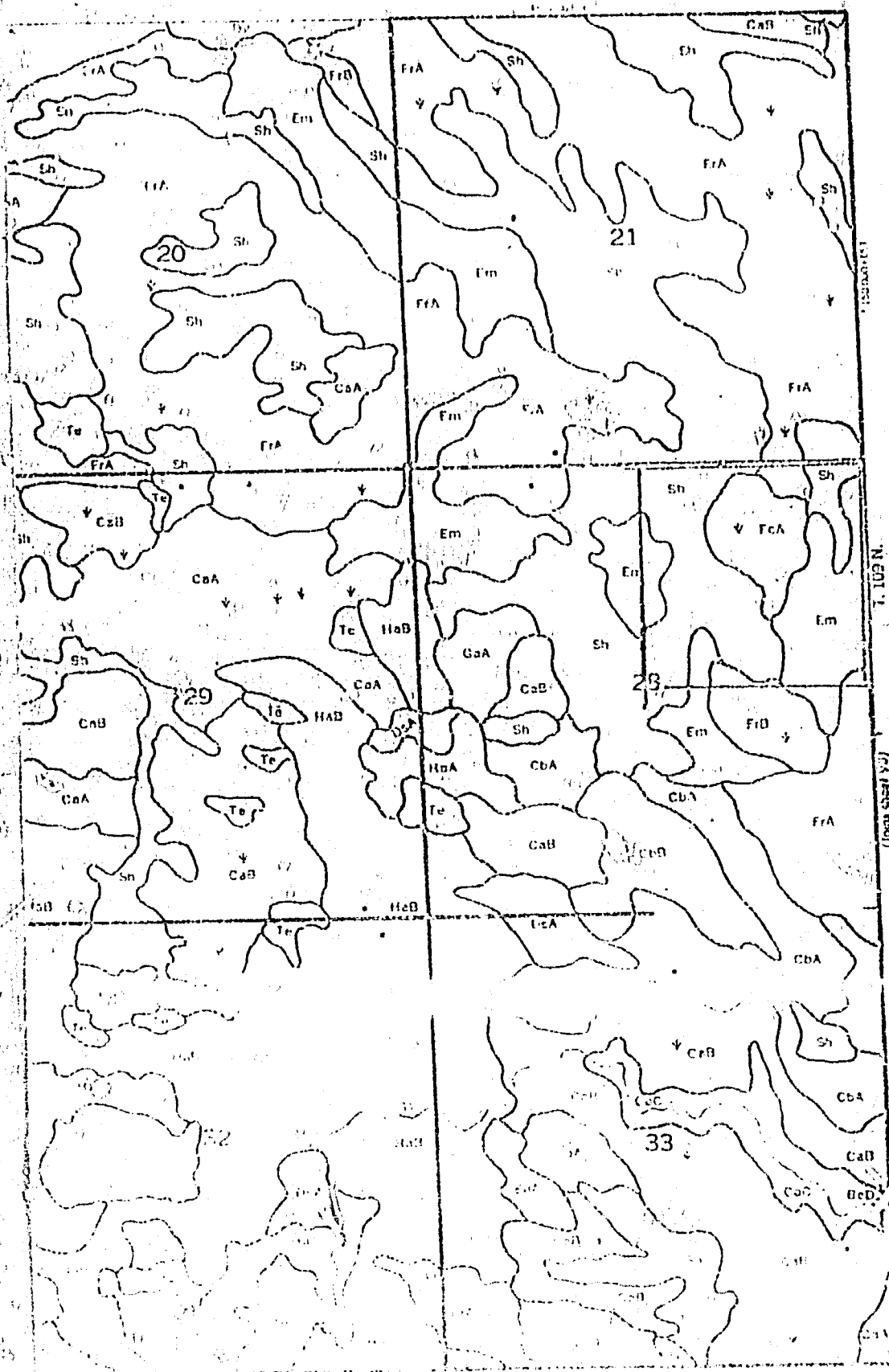
Frb Forestburg-Doger loamy fine sands, 3-6% slope

These are deep and moderately deep, well drained and excessively drained soils. The surface layer is loamy fine sand or fine sand that is underlain by fine sand or loamy fine sand. This is underlain by fine sand, loamy materials, or fine grained sandstone. Available water capacity is low. Permeability is rapid in these soils lacking contrasting materials in the substratum. It is rapid in the upper part and moderate in the lower part of these soils having contrasting materials in the substratum. These soils are on uplands.

These soils are suited to sprinkler irrigation only because of the rapid infiltration rates. They require frequent irrigation to prevent stress on plants. They are well suited to center pivot irrigation. These soils require high amounts of organic matter and fertilizers to maintain production and control soil blowing. Many trace elements are needed. Fertilizer, nitrogen especially, is more effective if applied with irrigation water because of the rapid leaching that takes place. They are subject to blowing. Caution should be used to avoid polluting the ground water.

Generally, these soils are suitable for irrigation with medium salinity and medium sodium water. Water with high salinity can be used when extra water is applied for leaching purposes.

Soil Conservation Service
Hendie County



North Dakota State Department of Health

Public Health Laboratory

Chemical Analysis of Water

Log number: 81- 292

County: South Dakota

HURON STEEL STRUCTURES
P.O. BOX 1282
HURON, SD 57350

Date Received: 1/20/81
Date Reported: 2/ 5/81

Township: 109N Range: 61W Section: 28

Source: BEADLE COUNTY SOUTH DAKOTA

Analysis

PH	7.7		
Conductivity	2134	umhos/cm	
Total Dissolved Solids	1790	mg/l	High
Iron	1.39	mg/l	High
Manganese	0.530	mg/l	High
Calcium	151	mg/l	
Magnesium	42.0	mg/l	
Total Hardness (as CaCO ₃)	551	mg/l	Very high
Potassium	17.1	mg/l	
Sodium	387	mg/l	Very high
Chloride	39	mg/l	Fairly low
Sulfate	956	mg/l	Very high
Total Alkalinity (CaCO ₃)	337	mg/l	Satisfactory
Bicarbonate (HCO ₃)	412	mg/l	
Carbonate (CO ₃)	0	mg/l	
Fluoride	0.4	mg/l	
Percent Sodium	60.3	%	
Turbidity	17.0	FTU	
Sodium Adsorption Ratio	7.17		
Nitrate as N	< 2	mg/l	Satisfactory
Total Hardness	32.18	Grains/gallon	Very high

This water would be usable, but not desirable for a domestic supply.

This water is classified C3-S2 for irrigation.
Contact your county agent for more information.

This water would cause staining of laundry and plumbing fixtures due to its high iron and manganese content.

This water may prove harmful to individuals on salt-free diets. Please consult your family doctor.

This water may exert a laxative effect upon persons unaccustomed to its high sulfate content.

Statement: This analysis includes chemical content only, and does not determine the bacterial quality of the water.

For any further information, write to:
The State Department of Health, Bismarck, ND 58505.

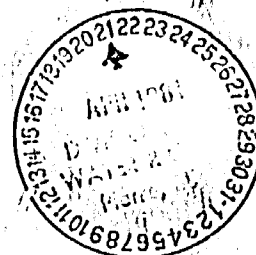
Per. Bob Reeg Chemist

4716-3

Conditional

SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
DIVISION OF CONSERVATION

NAME OF APPLICANT Mrs. William Cronin/Doug Cronin



SOIL RESTRICTIONS:

THE SOIL(S) LISTED BELOW CAN BE IRRIGATED WITH THE FOLLOWING RESTRICTIONS:

All the soils in the NE1-Section 28-T103-R61 will follow these restrictions:

Alfalfa should be grown at least 1 year out of every 3 years.

This land will be included in the soil monitoring program.

RECOMMENDED MANAGEMENT:

If a rising water table should develop, contact this office or your local SOS for assistance.

No. 4710-3

Publish first publication, on or before April 17, 1981

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

April 10, 1981

Notice is hereby given that Mrs. William L. Cronin (Fern) whose post office

address is Huron, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-14, 46-2-9 thru 46-2-11, 46-2-13, 46-5-1 thru 46-5-8, 46-5-10 thru 46-5-22, 46-5-41, 46-6-3, 46-6-3.1, 46-6-5, 46-6-6.1, 46-6-10, 46-6-14 and Board Rules ARSD 52:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use, 1.97 cubic feet of water per second of time from groundwater

(one well) through the Mrs. William L. Cronin (Fern) Project, the point of diversion of

which is ~~(XXXX)~~ to be located in the approximate center of the SE 1/4

of Section 28, Twp. 109N, Range 61W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

NE 1/4, Section 28 - T109N - R61W, to add additional acreage on an existing permit.

This Application No. 1710-3 will be considered by the Water Management Board at the Civil Defense Room, State Capitol Building, Pierre, SD 57501 upon the 1st day of May 1981

at 10 A.M. The Board is authorized to make a determination on this application at the hearing. All interested persons may appear and be heard. Any person who may be affected by a Board decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the Board in writing prior to the hearing or orally at the hearing.

This hearing is an adversary proceeding. Any person has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised at the hearing. Decisions of the Board may be appealed to the Courts as provided by law.

Any handicapped person wishing to attend this hearing can contact the Water Rights Division, DWR, Joe Foss Building, Pierre SD, prior to the hearing date for assistance to assure access to the hearing.

WATER MANAGEMENT BOARD

cc: Mrs. William L. Cronin (Fern)
1340 Iowa SE
Huron, SD 57350

BETTY WESTLUND
Water Rights Specialist

WNR-806A-7/79 Notice of Intent to Appropriate Water
GROUNDWATER

Form 8 - Proof of Publication - Notice of Intent to Appropriate Water

No. h716-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Beadle) ss.

I, Linda Schlotter hereby
certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the Huron Daily Plainsman

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 Huron of Huron

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

April 17, 1981

April 24, 1981

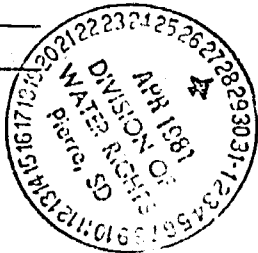
Linda Schlotter
(Signature)

bookkeeper
(Title)

h 24 81
(Date Signed)

P. 417-81 (L.P. 421-81)
NOTICE OF HEARING
ON APPLICATION TO
APPROPRIATE WATER
Pierre, South Dakota 57501
Notice is hereby given that at
Mrs. William L. Cronin (Fern),
whose post office address is Huron,
South Dakota, has made an ap-
plication in accordance with the
provisions of SDCL 46-1-1 thru 46-1-
9, 46-1-14, 46-2-1 thru 46-2-11, 46-2-
13, 46-5-1 thru 46-5-8, 46-5-10 thru
46-5-22, 46-5-41, 46-6-3, 46-6-3.1, 46-6-
5, 46-6-6.1, 46-6-10, 46-6-14, and
Board Rules ARSD 32:01:01, 01
thru 32:01:01:13, for a permit to
appropriate for beneficial use no
additional cubic feet of water per
second of time from groundwater
(one well) through the Mrs.
William L. Cronin (Fern) Project,
the point of diversion of which is to
be located in the approximate
center of the SE 1/4 of Section 20,
Twp. 109N, Range 61W, said water
to be used for the purpose of
providing irrigation on portions of
the following described land:
NE 1/4, Section 20, T109N, R61W,
to add additional acreage on an
existing permit No. 4714-3 will
be considered by the Water
Management Board at the Civil
Defense Room, State Capitol
Building, Pierre, SD upon the 1st
day of May, 1981 at 10A A.M. The
Board is authorized to make a
determination of this application
at the hearing. All interested
persons may appear and be heard.
Any person who may be affected
by a Board decision who desires to
present evidence or cross-examine
witnesses according to SDCL 1-26
may notify the Board in writing
prior to the hearing or orally at the
hearing.
This hearing is an adversary
proceeding. Any person has the
right to be present or to be repre-
sented by a lawyer. These and
other due process rights will be
forfeited if they are not exercised
at the hearing. Decisions of the
Board may be appealed to the
Courts as provided by law.
Any handicapped person wishing
to attend this hearing can contact
the Water Rights Division, DWR,
Joe Foss building, Pierre, SD, prior
to the hearing date for assistance
to assure access to the hearing.
Water Management Board
Betty Westlund
Water Rights Specialist
No. 210 (adv.)

Cost of Printing: \$41.30



RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 8115

RECEIVED OF Wm. Cronin, RR #4, Huron, SD 57350 PIERRE, April 2, 1921, 1921
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit to appropriate Water No. <u>4716-3</u> (examination, processing, recording and filing)	100 00
Fee for inspecting Construction, and issuing Cert. of Construction No. _____	
Fee for inspecting Beneficial Use, and issuing Water License No. _____	
Fee for issuing Location Certificate-Dry Draw, 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	100 00

WATER RIGHTS COMMISSION

By John Hatch
Chief Engineer, Executive Officer
JOHN HATCH (qv)

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 8105

PIERRE,

March 27, 1981

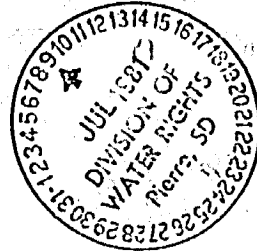
RECEIVED OF Mrs. William L. Cronin (Fern), 1340 Iowa SE, Huron, SD 57350

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

Fee for Application for Permit to Appropriate Water No. -4716-3----- (examination, processing, recording and filing) -----	15.00
Fee for Inspecting Construction, and Issuing Cert. of Construction No.-----	
Fee for Inspecting Beneficial Use, and Issuing Water License No-----	
Fee for Issuing Location Certificate-Dry Draw, 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 D	150.00

WATER RIGHTS COMMISSION

By *(John Hatch)*
Chief Engineer, Executive Officer
(JOHN HATCH / Et)

NOTICE OF COMPLETION OF WORKS AND/OR
APPLICATION OF WATER TO BENEFICIAL USEPost Office Huron, SD 57350Date 7-7-81TO: Water Rights Commission
Joe Foss Building
Pierre, South Dakota 57501

Dear Sirs:

This is to inform you that I have completed the construction of the water diversion system and/or that I have put the water to beneficial use to maximum extent it is going to be used, not exceeding the amounts as specified in Water Right No. 4716-3.

Water Right Permit No. 4716-3 states that the diversion system is to be constructed by 5-1-86, and that the water is put to beneficial use by May 1, 1988.

The diversion system was completed on May 5th
June 8, 1981. Applying the water to beneficial use was completed on May 18, 1981.

You may schedule an inspection so that the Certificate of Construction and/or the Water License may be issued, thus completing my acquisition of a water right.

Marion L. Cronin
(Signature)

Permit No. 4716-3
 Water Division 3 JAMES RIVER Water District

REPORT OF EXAMINATION OF WORKS
 AND/OR APPLICATION OF WATER TO BENEFICIAL USE

TO: WATER RIGHTS, WATER MANAGEMENT BOARD / FOSS BLDG., PIERRE, SOUTH DAKOTA 57501

I have this day made a thorough examination of the water use system constructed by MRS WILLIAM L. CRONIN of HURON holder of Permit No. 4716-3, bearing date of priority of SEPTEMBER 3, 1976 FOR SE⁴ MARCH 25, 1981 FOR NE⁴, 19____ authorizing the diversion of 4716-3 * cu. ft. per second of the waters of GROUNDWATER for IRRIGATION purposes, in BEADIE 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:

148' DEEP WELL WITH 16" STEEL CASING - 25' SS SCREEN
AURORA VERTILINE PUMP 8" - 4-12RLM. POWERED BY
75HP US ELECTRIC MOTOR @ 1765 RPM

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

25' OF 8" ALUMINUM LINE TO CENTER OF PIVOT IN SE⁴

C. Works used to apply water to beneficial use.

9 TOWER LOCKWOOD CENTER PIVOT ON SE⁴
8 TOWER LOCKWOOD CENTER PIVOT ON NE⁴ (SHORTENED TO AVOID TREE BELT)
BOTH WITH NELSON #100 END GUNS

The system is in the following condition: GOOD

The point of diversion is located 25' E OF THE CENTER OF THE SE⁴
SECTION 28, T109N, R61W

The works are capable of diverting and conveying to the place of use 1.92 (850 GPM)
 cu. ft. per second of water which is to be used for IRRIGATION

Water has been put to beneficial use to the maximum extent as follows: ALL IN SECTION 28, T109N, R61W
132 ACRE CIRCLE IN THE SE⁴
126 ACRE CIRCLE IN THE NE⁴

comprising a total of 258 acres of land.

* APPLICABLE PORTIONS OF PERMIT NO 3099-3 HAVE BEEN INCORPORATED INTO THIS WATER LICENSE

Date JUNE 22, 1987

[Signature]
 (signature)

No. 4716-3



Department of Water & Natural Resources

Joe Foss Building Water Rights Division
Pierre, South Dakota 57501

(605) 773-3352

July 15, 1982

Mrs. William L Cronin
1340 Iowa SE
Huron SD 57350

Dear Mrs. Cronin:

The inspection of your water use system and inspection of the extent of your application of water to beneficial use, as developed under your Water Right No. 4716-3 has been completed. Your final water right document, the Water License, can now be issued.

Statutes require that we charge a \$50.00 fee for the inspection and issuing of the Water License. Upon receipt of the \$50.00 fee from you, your Water License will be sent to you.

You will also receive the Certificate of Construction as required by statute.

Sincerely,

KAREN SCHLAACK
Administrative Secretary

NOTE: On form of payment, please include the number of the water permit.
This insures proper handling of the fee.

WNR-814-7/79

Notification of Water License Ready for Issuing (\$50.00)

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 4716-3

(1) WHEREAS, On the 25th day of March A. D. 19 81
Mrs. William L. Cronin

made Water Right Application No. 4716-3 for a permit to use 1.97 cubic feet per second of the waters
of groundwater (one well)

County of Beadle, State of South Dakota, for Irrigation
purposes; and

(2) WHEREAS, On the 1st day of May A. D. 19 81
Permit No. 4716-3, with a date of priority of March 25, 1981

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 1st day of May A. D. 19 86 and for the
application to beneficial use of said water on or before the 1st day of May A. D. 19 88

WHEREAS, on the 22nd day of June, 1982, the applicable portions of Permit No. 3099-3
have been incorporated into this Water License No. 4716-3 with a priority date of
September 3, 1976 for the SE $\frac{1}{4}$ and March 25, 1981 for the NE $\frac{1}{4}$.

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 1.92 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 all in Section 28, T109N, R61W

132 acre circle in the SE $\frac{1}{4}$

126 acre circle in the NE $\frac{1}{4}$

TOTAL 258 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 Mrs. William L. Cronin

_____ of Huron, South Dakota
the holder _____ and owner _____ of said permit No. 4716-3 a water right, dating from September 3, 1976 and
March 25, 1981 to use of 1.92 cubic feet per second of the waters
of groundwater (one well)

in the County of Beadle and State of South Dakota, or so much thereof as may be necessary for the
purposes hereinbelow mentioned, to be diverted at a point 25'E of the Center of the SE $\frac{1}{4}$, Section 28, T109N,
T61W

and conducted to and upon a 132 acre circle in the SE $\frac{1}{4}$ and a 126 acre circle in the NE $\frac{1}{4}$
Section 28, T109N, R61W

for the purpose of Irrigation

Subject to any limitations listed in Water Right Permit No. 4716-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 26th day of July A.D.
Nineteen Hundred and Eighty-Two

WATER MANAGEMENT BOARD

By:

John Hatch
Chief Engineer, Executive Officer
JOHN HATCH

Permit No. 4716-3

Water Diversion No. 3 James River Water District

10160006

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Mrs. William L. Cronin

_____ the holder _____ of
Permit No. 4716-3, issued upon Application No. 4716-3, bearing date of priority of September 3, 1976 for SE¼
and March 25, 1981 for NE¼ authorizing the diversion of 1.97* cu. ft. per second of the waters of _____
groundwater (one well) County of Beadle, State of South Dakota at _____
a point 25'E of the center of the SE¼ of Section 28, T109N, R61W

_____, 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 1.92 cu. ft. per second of water.

Date July 26, 1982

*Applicable portions of
Permit No. 3099-3 have been incorporated into
this Water License.

John Hatch
JOHN HATCH, Chief Engineer
Water Rights Division

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 8911

PIERRE, July 26, 1982

RECEIVED OF Wm L. Cronin, 1340 Iowa S.E., Huron, SD 57350

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. 3099-3 4716-3	50	00
Fee for Inspecting Beneficial Use, and Issuing Water License No. 3099-3 4716-3		
Fee for Issuing Location Certificate-Dry Draw, 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/C.S.

**Department of
Water & Natural Resources**

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

February 17, 1989

Mrs. Wm. L. Cronin
1340 Iowa SE
Huron, SD 57530

Dear Mrs. Cronin:

On October 6, 1988, the Water Management Board adopted rules to implement a 1988 law for application of chemicals through irrigation systems. The rules establish equipment standards, performance standards and installation requirements for irrigation systems that apply chemicals (fertilizers, insecticides, or herbicides) with irrigation water.

You have indicated on your 1988 Water Management Board Irrigation Questionnaire that you do apply chemicals with irrigation water. A copy of the new rules for chemigation are enclosed for your information.

The new standards include:

- * a check valve between the irrigation pump and the point of chemical injection;
- * a vacuum relief valve on top of the pipeline between the irrigation pump and the irrigation pipeline check valve;
- * a low-pressure drain on the bottom of the pipeline between the irrigation pump and the irrigation pipeline check valve;
- * a chemical injection line check valve between the chemical injection pump and the point at which the chemical is injected into the irrigation line; a second check valve is required if the chemical injection pump is not a positive displacement pump;
- * an interlock system which ensures that the chemical injection pump will stop whenever the irrigation pump stops;
- * an inspection port between the irrigation pump and the check valve on the irrigation line;

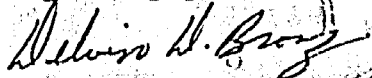


Each of these equipment requirements are discussed more thoroughly in Sections 74:02:09:05 through 74:02:09:10 of the enclosed rules. Appendix A contains diagrams of the arrangements of these anti-pollution devices.

The equipment must be installed according to the manufacturer's specifications, calibrated, and maintained in good working condition. All chemical product labels must be followed and warning signs must be posted. These rules also require reporting of all spills, accidents, and system malfunctions. A 24-hour telephone number is provided.

The chemigation rules contain notification and record keeping requirements. Prior to using chemigation, notification must be given to the Chief Engineer on the enclosed Form 1C. Information that must be provided in this notification includes the water permit or right number, the name, address, and telephone number of the water permit or right holder, and of the system operator, and the legal description of the lands on which the system is located. A record of the name, quantity, dates and hours of each chemical applied must be provided to the Chief Engineer on Form 2C. A copy of this form is also enclosed for your information. It will be mailed with the annual irrigation questionnaire and must be returned with the questionnaire by the date specified. If you have any questions regarding these rules or need additional copies of the forms, please contact Susan Bowar, Water Rights Engineer (605-773-3352).

Very truly yours,



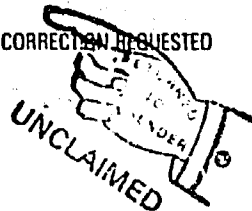
for JOHN HATCH, Chief Engineer
Water Rights Division



**DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

ADDRESS CORRECTION REQUESTED



CERTIFIED

P 378 080 592

MAIL



4716-3
Doug Cronin
RR 4 Box 258
Huron SD 57350



U.S. POSTAGE

2.52

Handwritten notes and dates: 2-6-97, 2-11, 2-21.

Fold at line over top of envelope to
the right of the return address

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Doug Cronin
RR 4 Box 258
Huron SD 57350

4a. Article Number

P 378 080 592

4b. Service Type

- ☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD :

7. Date of Delivery

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)

X

8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.

PS Form 3811, December 1994

Domestic Return Receipt



4716-3

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

February 4, 1997

NOTICE

TO: DOUG CRONIN
RR4 BOX 258
HURON SD 57350

FROM: Ron Duvall, Natural Resources Engineer
for John Hatch, Chief Engineer
Water Rights Program

RE: Failure to Report Chemical Use under Water Permit No(s) 4716-3

The first notice to file chemigation report(s) for Permit No(s) 4716-3 was dated 12/20/96. Our records indicate that we have not received the 1996 chemigation report for Permits No(s) 4716-3. The Water Management Board has directed that owners of water permits who have not submitted the 1996 chemigation report(s) be given notice of violation and hearing before the board. The hearing held by the board is to determine what action is to be taken concerning violation of Administrative Rule 74:02:09:02(3). This rule requires chemigation users to report the type of chemical applied, the dates, hours and amount of chemical applied.

The hearing will be held at 2:30 PM on March 5, 1997, in the Floyd Matthew Training Center, Joe Foss Building, 523 East Capitol, Pierre, SD and will be conducted pursuant to SDCL 34A-2A through 34A-2A-5; 46-1-12, 46-1-14, 46-2-11, 46-2-17. These are contested case hearings pursuant to chapter 1-26. According to SDCL 46-1-12, the board may suspend a permit for a period of up to one year for the first violation or up to three years for the second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s). 4716-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the chemigation report(s) is(are) received by this office on/or before February 28, 1997 your name will be deleted from the board agenda.

NOTE: Please contact the Water Rights Program, Joe Foss Building, 523 East Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.



4716-3

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

February 12, 1997

DOUG CRONIN
RR4 BOX 258
HURON SD 57350

Dear Mr. CRONIN:

I am writing to acknowledge receipt of your 1996 chemigation questionnaire. You may disregard the February 4, 1997 notice of "Failure To Submit Chemigation Questionnaire." The questionnaire has been received and your name is deleted from the Water Management Board agenda.

If you have any questions, please contact me at 605-773-3352.

Sincerely,

Barry A. McLaury
Barry A. McLaury
Water Rights Program

NOT TO SCALE

378-42L

48.9

73.3

BEADLE CO. ASCS
Box 1297
Huron, S.D. 57350

B. Hawk

57.4

7.8

70.6

28

56.0

Jim Pinner

154.4

BEADLE CO. ASCS
Box 1297
Huron, S.D. 57350

Y

30.2
30.2

EXISTING
WELL

14.0
14.0

109-61

Don Cook

23.5

15.8

26.0

11.9

2.9

MAP NO 3926-3
APPL NO 4716-3

NOT TO SCALE

378-42L

48.9

73.3

57.4

7.8

20.4

56.0

Jim Penner

28

154.4

2750'
9" PVC

JOWELL

30.2
30.214.0
14.0

109.61

Don Cook

23.5

15.8

2610

11.9

2.9



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

November 3, 2011

4716-3

Doug Cronin
21804 403rd Ave
Huron SD 57350

Dear Mr. Cronin:

I am writing in regard to Water Right No. 4716-3 listed in the name of Mrs. William L Cronin. A notation was made on the form that ownership needs to be changed.

Enclosed is a partially completed Notice of Transfer of Ownership form for filing an ownership change. Please review the form and make any necessary corrections. Upon completion, please sign the form and return it to our office with a required filing fee of \$50.00. The check or money order for the fee can be made payable to the Water Rights Program.

I have included a copy of the water right in the event you do not have one. If you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink that reads "Genny McMath". The signature is written in a cursive, flowing style.

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

enclosure



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

December 19, 2011

4716-3

Fern Cronin
1340 Iowa SE
Huron SD 57350

Dear Ms. Cronin:

Thank you for your phone call concerning the ownership change needed for Water Right No. 4716-3.

I mailed a transfer of ownership form to Doug Cronin on November 3rd but have not yet heard from him. Enclosed is an additional Notice of Transfer of Ownership form for filing an ownership change. A filing fee of \$50.00 is required for filing the ownership change. The check or money order for the fee can be made payable to the Water Rights Program.

I have included a copy of the water right that you can give to Doug for his records. Thank you again for calling and if you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink that reads "Genny McMath". The signature is written in a cursive, flowing style.

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

enclosures

RECEIVED

JAN - 9 2012

WATER RIGHTS
PROGRAM

NOTICE OF TRANSFER OF OWNERSHIP

To: Chief Engineer
Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

No. 4716-3

Date: 1-4-2012

I/We request that Water Right No. 4716-3

formerly owned by: Mrs. William L Cronin

be transferred to: (name & address)

Doug Cronin
21804 403 Ave.

Huron SD 57350 Telephone No. 352-5967

Title to the following described land(s)/property has been transferred as described above:

258 acres - E 1/2 Section 28, T109N, R61W

I/We understand that the validity of Water Right No. 4716-3 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

You are requested to file this "Notice of Transfer" in the appropriate file with the Water Rights Program, as evidence of the change of ownership.

A fee of Fifty Dollars (\$50.00) is required to cover the filing fees as required under SDCL 46-2-13. This form must be signed by the new owner.

I/We Doug Cronin, the new owner, certify that the above information is true and correct.

Doug Cronin 1-4-2012
(Signed by new owner)

NOTE: Water permits may be cancelled for nonconstruction after the five year construction period has expired. Once a water permit is developed and the water used, the permit becomes a right. A water right may be lost for three reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three year period without legal excuse.
3. For a third violation of a condition of a water permit/right.

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

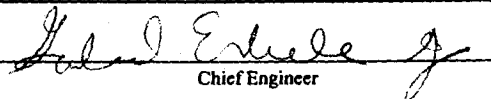
Date 1/9, 20 12

RECEIVED OF Fern Cronin 1340 Iowa Ave SE Huron SD 57350

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	50 00	
Fee for Application for Permit No. _____ to Appropriate Water for Future use		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form <u>4716-3</u>		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	50 00

No. **05221**

By 
Chief Engineer



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

January 11, 2012

4716-3

Doug Cronin
21804 403rd Ave
Huron SD 57350

Dear Mr. Cronin:

I am writing to acknowledge receipt of the "Notice of Transfer of Ownership" form and filing fee you submitted for Water Right No. 4716-3.

The ownership change has been completed. Water Right No. 4716-3 formerly held by Mrs. William L Cronin is now listed in your name.

Enclosed for your records is Receipt No. 05228 in the amount of \$50.00. If you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink that reads "Genny McMath". The signature is written in a cursive, flowing style.

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

enclosure

4716-3



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

denr.sd.gov

8011-3
4716-3

OCT 24 2016

Doug or Denise Cronin
21804 403rd Ave
Huron SD 57350

Dear Mr. & Mrs. Cronin:

Enclosed is Water License No. 8011-3. This is the final water right document completing your process of obtaining a Water Right. Also, included with your license is a map prepared by the staff engineer who conducted the investigation.

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. If you have any questions, please contact our office.

Sincerely,

Jeanne Goodman, Chief Engineer
Water Rights Program
(605) 773-3352

Note: The applicable portions of No. 4716-3 are incorporated into Water License No. 8011-3.

enclosures