

1. Considered 5-1 1981
2. Name of Applicant D.A. OLSON & SON
3. Post Office Address RR 1, MECKLING 57077
4. Amount of Water Claimed 1.02
5. Source of Water Supply 100' EXISTING ON 4571-3
6. Water to be used for IRR
7. Acres to be irrigated 72 maximum acre feet
8. Water to be diverted and used in ADD'L YANKTON County
about 1 1/2 W. 1/4 SOUTH of GAYVILLE YANKTON
9. PROOF OF PUBLICATION Received 5-4-81

Not Received _____

APPLICATION

Approved _____

Subject to Proof of Prod

Not Approved _____

Action deferred _____

Priority _____

Date

Received 3-30-81 Application Complete yes ☒ no ☐ FEE 225⁰⁰

Remarks _____

Date information and/or
fee or corrected Application received
Period of Annual use MARCH 1 - NOV. 1

WATER
QUALITY

Received yes 7/10/81 no ☐ APPROVED/CONDITIONAL (Circle one)

WI-1 Description same as application (yes) ☒ no ☐ Remarks _____

Disapproved _____

Returned _____

Diversion Point _____

					*

SE⁴ NE⁴ 15-93-54

existing

Lands to be irrigated _____

N 1/2 NE⁴ 15-93-54

WELL
LOG

Remarks _____

Driller Wetmore Dril.

Licensed (CD) no ☐

Depth 100'

LAP

Map No. 3910-3 Map located in Water Right X Map file _____

Type of Map Aerial Prepared by Vane Miller Co. Est. Agent

+++++

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

[Signature]
(Signed)

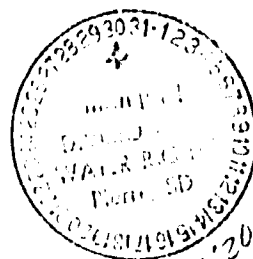
+++++

PROTESTS Letters/Petitions in File - yes _____ no _____ Remarks _____

REMARKS Date
F.F. & C Final Decision, including F.F. & C of Law were adopted _____
OF LAW, Date
FINAL Final Decision mailed to parties and/or parties notified that Final Decision
DECISIONS was adopted _____
ETC.

Remarks _____

No. 4700-3
 Map No. 3910-3 Water Division No. 3 MISSOURI 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

ADDITIONAL ACREAGE - 72 A

(NOTE: Draw a line through items not applicable)

1. Name of Applicant D.A. OLSON & SON PHONE - 267-25-25
 Post-office address MECKLING RRI, S.D. State S.D. 570 44
 If a corporation show date and place of incorporation _____
 2. Method of accomplishing work (contract, employment of others, or by direct labor) CONTRACT
 3. Name of diversion work D.A. OLSON & SON
 4. Amount of water claimed (cubic feet per second) 2.25 CFS
 5. Source of water supply WELL
 6. Location of point of diversion SE 1/4 of NE 1/4 15 93-54 W

- County YANKTON
 7. Annual period or periods during which water is to be used March 1 - April 1
 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 72 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.
<u>N 1/2 of NE 1/4 15 93-54 W</u>	<u>72 A</u>		

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 2 years. Additional time required to complete application of water to the proposed beneficial use _____ years.
 11. Choice of newspaper for Notice of Intent to Appropriate Water publication Yankton County Observer, Dayville, S.D.
 12. Principal Features of the Proposed Water Supply System.

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

WELL

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

P.P.e

C. Works proposed to apply water to beneficial use.

CENTER PIVOT TYPE SYSTEMAdditional acreage 72 A
No additional costEstimated Total Cost \$ ✓

Attachments: 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 Yankton)

I, Quane A. Olson 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 Quane A. OlsonSubscribed and sworn to before me this 25 day of March, 1981

John A. Benson
 Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 4-700-3

D. A. OLSON
(Applicant)

RT #1 MECHLING
(Post Office Address)

SOUTH DAKOTA 57044 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 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 30, 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 146

WATER RIGHT PERMIT NO. 4-700-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 4-700-3 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 MARCH 30, 1981
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before MAY 1, 1982
3. The whole of said work is to be completed on or before MAY 1, 1983
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is MAY 1, 1983
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 1.02 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 MAY 1, 1983; said water to be used during the following described annual period: MARCH 1 TO NOVEMBER 1

Witness my hand this 19TH day of MAY, 1981

WATER RIGHTS COMMISSION

By:

John H. Hatt
Chief Engineer, Executive Officer

Certificate of Construction Issued _____, 19____

Water License Issued _____, 19____

P.O. Box 577
Elk Point, South Dakota 57025
Phone (605) 356-3272

Address

Date

, 19

No.	Description	Amount
0 - 1.5	top soil	
1.5 - 54	clay	
54 - 77	fine sand	
77 - 103	coarse sand & gravel	

James H. Hume

S $\frac{1}{2}$ - N $\frac{1}{4}$ - 15 - 43 - 54 1/2'

Received By

**Please Pay By Invoice
No Statement Will Be Sent**

Sub Total		
Tax		
TOTAL		

SOIL/WATER COMPATIBILITY APPLICATION FORM
STATE CONSERVATION COMMISSION
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE

72 acres

4700-3

OWNERS NAME: D.A. OLSON & SON

OWNERS ADDRESS: MECKLING, R.R. 5, D.

COUNTY LAND LOCATED IN: VAULTIN Co. PHONE: 267-2525

Box 81 57044

TENANT'S NAME AND ADDRESS: (If other than owner)

In accordance with State Law SDCL 46-5-6.5, if a water right is granted with a conditional permit (Soil/Water Compatibility), a copy of such conditional permit must be filed with the County Register of Deeds.

This action must be taken by the holder of a water right within 6 months of receipt of such water right.

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

1. WELL LOCATION OR DIVERSION POINT: SE 1/4 of NE 1/4 15 9.3-54 W

2. SURFACE WATER SOURCE: Well only

3. LOCATION OF AREA TO BE IRRIGATED: N 1/2 of NE 1/4 15 9.3-54 W

4. INDICATE NON-IRRIGATED AREAS AND (APPROX.) ACRES ON MAP: (Farmstead, shelterbelts, wetlands, etc.)

TYPE OF IRRIGATION: (Show approximate acres under each type of system)

5. GRAVITY ☐ TOWLINE ☐ CENTER PIVOT ☒ GUN ☐ OTHER (Specify) ☐

6. CROPS TO BE IRRIGATED: CORN - Soy Beans - ALFALFA

7. SHOW ANY PORTION OF LAND THAT PRESENTLY HOLDS AN IRRIGATION PERMIT: YEAR OBTAINED:

LAND: None

IN WHAT NAME:

WATER QUALITY: (TO BE COMPLETED BY SDSU WATER QUALITY LABORATORY)

8. SAMPLE NUMBER: EO-818

9. SALINITY (EC X 10⁶) 18.32

10. SODIUM (SAR) 0.90 ADJUSTED (SAR) 2.70 1.68

RECEIVED

APR 08 1981

South Dakota
Division of Conservation

I hereby certify that I personally obtained or that I personally observed the taking of a sample of the water to be used in irrigating the above-described land. I also hereby certify that the required procedures for the taking of the sample (see back) were followed, and that the sample was taken at 11:00 A.M./P.M., on SEPT. 13, 19 80, at the following location: SE 1/4 of NE 1/4 15 9.3-54 W

by (individual who took sample if other than applicant). I also hereby certify that the water sample taken has NOT been adulterated or tampered with in any manner, and is TRULY REPRESENTATIVE of the water which will be used in irrigating the above-described land.

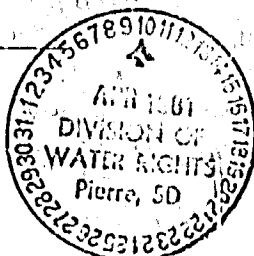
I also hereby certify that a chemical analysis of the irrigation water representative of that used to irrigate shall be acquired from South Dakota State University and the soils information has been acquired from VAULTIN Co. Soil Conservation District, County Extension Office or Soil Conservation Service; and further, that the legal description for the location of the well and land to be irrigated is true and correct.

I understand that the Division of Conservation or agents thereof may obtain another water sample for the purpose of validating the water sample analysis taken at the time of application (SDCL 46-5-6.4).

SUBSCRIBED AND SWORN BEFORE ME THIS

25 DAY OF March, 19 81.

(NOTARY PUBLIC)



APPLICANT'S SIGNATURE

Director, Division of Conservation

APPROVED

DISAPPROVED

☒ CONDITIONALLY APPROVED

IMPORTANT

Action by the Department of Agriculture or the State Conservation Commission is not the final action on any application.

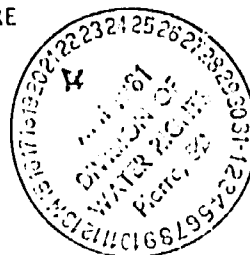
In all cases a WATER RIGHT must be obtained from the State Water Rights Commission.

4700-3

Conditional

SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
DIVISION OF CONSERVATION

NAME OF APPLICANT D. A. Olson & Son



SOIL RESTRICTIONS:

THE SOIL(S) LISTED BELOW CANNOT BE IRRIGATED WITH THE FOLLOWING RESTRICTIONS:

The drainage way should be maintained in permanent vegetation

RECOMMENDED MANAGEMENT:

1000

No. 4700-3

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 D. A. Olson & Son whose post office

address is Hackling, 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 1.02 cubic feet of water per second of time from groundwater

(one existing well) through the D.A. Olson & Son Well #1, the point~~(X)~~ of diversion of which is ~~(XXX)~~ to be located in the _____

SE 1/4 NE 1/4

of Section 15, Twp. 93N, Range 54W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

NE 1/4, Section 15 - T93N - R54W

This Application No. 4700-3 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 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: D. A. Olson & Son
RR 1
Hackling, SD 57044

BETTY WESTLUND
Water Rights Specialist

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

No. 4700-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Grand) ss.

I, Bernie Hunko F.F.D. hereby

certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Chamberlain

A newspaper which during the whole time of publication of said notice
herein after stated, has been and is printed and published in the

County of Grand 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

Bernie Hunko F.F.D.
(Signature)

Press Ink Inc Observer
(Title)

4-30-81
(Date Signed)

Cost of Printing: \$25.76

WNR-808-7/79
Proof of Publication

Notice

NOTICE OF HEARING ON
APPLICATION TO
APPROPRIATE WATER

Pierre, South Dakota 57501
April 10, 1981

Notice is hereby given that D.A. Olson & Son whose post office address is Meckling, 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 1.02 cubic feet of water per second of time from groundwater (one existing well) through the D.A. Olson & Son Well #1, the point of diversion of which is to be located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 15, Twp. 93N, Range 54W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

N $\frac{1}{2}$ NE $\frac{1}{4}$, Section 15 - T 93N - R 54W.

This Application No. 4700-3 will be considered by the Water Management Board at the Civil Defense Room, State Capitol Building, Pierre, S.D. 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, S.D., prior to the hearing date for assistance to assure access to the hearing.

WATER MANAGEMENT BOARD
/S/ Betty Westlund
Water Rights Specialist
CC: D.A. Olson & Son
RR1
Meckling, S.D. 57044

WNR-8060A-7/79 Notice of Intent to Appropriate Water
GROUNDWATER

Publish April 17 and 24

RECEIPT

WATER RIGHTS COMMISSION
State of South Dakota

No 4 8131

PIERRE,

April 6, 1981

RECEIVED OF D.A. Olson & Son, RR#1, Meckling, SD 57044

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

Fee for Application for Permit to Appropriate Water No. 4700-3 (examination, processing, recording and filing)	225	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	225	00

WATER RIGHTS COMMISSION

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

Permit No. 4700-3
 Water Division 3 Missouri 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 D.A. OLSON
& SON of MECKLING holder
 of Permit No. 4700-3, bearing date of priority of 11.18.02 SEPTEMBER 29, 1980 *
 authorizing the diversion of 2.26 * cu. ft. per second of the waters of GROUNDWATER
 for IRRIGATION purposes, in YANKTON 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 WITH 16" PLASTIC CASING - 20' SLOTTED
 WESTERN LAND ROLLER 8" PUMP 5 1/2 HP
 POWERED BY 75HP GE ELECTRIC MOTOR @ 1760 RPM

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

20' OF 8" ALUMINUM PIPE TO CENTER OF PLOT

C. Works used to apply water to beneficial use.

7 TOWER ZIMMATIC CENTER PLOT - MODEL 307-507
 WITH NELSON #200 GNP GUN

The system is in the following condition. NEW

The point of diversion is located 20' W OF THE CENTER OF THE NE¹
SECTION 15, T93N, R54W

The works are capable of diverting and conveying to the place of use 2.0 (900 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:

FOR IRRIGATING A 136 ACRE CIRCLE IN THE NE¹
SECTION 15, T93N, R54W

comprising a total of 136 acres of land.

* THE APPLICABLE PORTIONS OF PERMIT NO 4571-3
 HAVE BEEN INCORPORATED INTO THIS WATER LICENSE

Date NOVEMBER 3, 1981
[Signature]
 (Signature)

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 8583

December 14, 19 81

RECEIVED OF D. A. Olson & Son, Meckling, SD 57044 PIERRE,
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. 4700-3		
Fee for Inspecting Beneficial Use, and Issuing Water License No. 4700-3		50 00
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 / CV

SOUTH Dakota Department of
Water & Natural Resources

Joe Foss Building Water Rights Division
Pierre, South Dakota 57501

(605) 773-3352

May 17, 1982

D.A. Olson & Son
Meckling,
South Dakota 57044

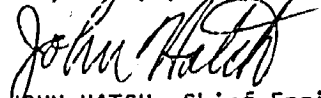
Dear Mr. Olson:

Enclosed herewith are, Water License No. 4700-3 and Certificate of Construction.

Water License No. 4700-3 is the final water right document completing your process of obtaining a 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 Division

JH:ks

enclosures

NOTE:

* The applicable portions of Permit No. 4571-3 have been incorporated into this Water License No. 4700-3.

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 4700-3

(1) WHEREAS, On the 2 30th day of March A. D. 19 81

D.A. Olson and Son

made Water Right Application No. 4700-3 for a permit to use 1.02 cubic feet per second of the waters of groundwater (one well)

County of Yankton, State of South Dakota, for Irrigation

purposes; and

(2) WHEREAS, On the 1st day of May A. D. 19 81

Permit No. 4700-3, with a date of priority of March 30, 1981

was issued to said applicant S 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 83 and for the application to beneficial use of said water on or before the 1st day of May A. D. 19 83

WHEREAS, on the 3rd day of November, 1981 the applicable portions of Water Permit No. 4571-3 have been incorporated into this Water License No. 4700-3 with the priority dates of 1.14 cfs from September 29, 1980 and 1.02 cfs from March 30, 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 1.94 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 a 136 acre circle in the NE 1/4, Section 15, T93N, R54W (A)

(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 D.A. Olson & Sons

_____ of Meckling, South Dakota
the holder _____ and owner _____ of said permit No. _____ a water right, dating from September 29, 1980
and March 30, 1981 to use of 1.94 cubic feet per second of the waters
of groundwater (one well)

in the County of Yankton and State of South Dakota, or so much thereof as may be necessary for the
purposes hereinbelow mentioned, to be diverted at a point 20'W of the center of the NE $\frac{1}{4}$, Section
15, T93N, R54W

and conducted to and upon a 136 circle in the NE $\frac{1}{4}$, Section 15, T93N, R54W

for the purpose of Irrigation

Subject to any limitations listed in Water Right Permit No. 4700-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 17th day of May A. D.
Nineteen Hundred and Eighty-two

WATER MANAGEMENT BOARD

By:



Chief Engineer, Executive Officer
JOHN HATCH

Permit No. 4700-3

Water Diversion No. 3 Missouri River Water District

10170101

CERTIFICATE OF CONSTRUCTION

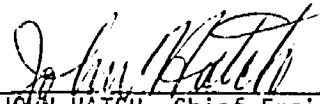
This is to Certify, That D.A. Olson & Son

_____ the holder S of
Permit No. 4700-3, issued upon Application No. 4700-3, bearing date of priority of September 24, 1980*
& March 30, 1981 authorizing the diversion of 2.26* cu. ft. per second of the waters of _____
groundwater (one well) County of Yankton, State of South Dakota at _____
a point 20'W of the center of the NE $\frac{1}{4}$, Section 15, T93N, R54W

_____ 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 May 17, 1982



JOHN HATCH, Chief Engineer
Water Rights Division

* Applicable portions of Permit No. 4571-3 have been incorporated into this
Water License No. 4700-3

4571-3
4700-3

WATER RIGHTS DIVISION

December 4, 1984

D. A. Olson & Sons
RR#1, Box 81
Meckling, South Dakota 57044

Dear Sirs:

This letter is in response to your recent inquiry as to why you did not receive an irrigation questionnaire for Water Permit No. 4571-3. Water Permit No. 4571-3 was incorporated into Water Right No. 4700-3 upon licensing.

Since the lands authorized by each of the permits were operated as one system, the lands actually being irrigated at the time of inspection were incorporated into one license. No rights were lost with the incorporation, only a permit number.

Enclosed is a copy of Water License No. 4700-3. If you have any further questions, please contact us.

Sincerely,

Genny McMath
Natural Resources Analyst

GM:ms
Enc.



Department of Water & Natural Resources

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

WATER RIGHTS DIVISION
(605) 773-3352

3475-3
(4700-3)
4613-3
4625-3
2158-3

November 17, 1987

Duane Olson
RR 1, Box 81
Meckling, South Dakota 57044

Dear Mr. Olson:

I am returning your 1987 Irrigation Water Use Questionnaires. As stated in the October 8th letter, Water Management Board Rules or water permit qualifications require questionnaires to be submitted each year.

Your questionnaires as returned do not provide the data that is required. I am unable to determine the monthly acre-feet of water that was used by a certain crop from your questionnaires. The questionnaires will have to be completed and returned by December 15, 1987.

If you have any questions, please contact me.

Sincerely,

Delvin D. Brosz, P.E.
Hydrologist

DDB:ms
Enc.

4413-3

4700-3

SOUTH DAKOTA
Department of
Water & Natural Resources

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

February 17, 1989

D A Olson & Son
RR 1, Box 81
Meckling, SD 57044

Dear Mr. Olson:

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;

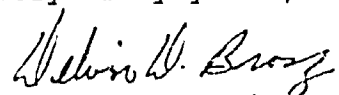


Each of these equipment requirements are discussed more thoroughly in Sections 74:02:09:05 through 74:02:09:10 of the enclosed rules. Appendix A contains diagrams of the arrangements of these anti-pollution devices.

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

NOT TO SCALE

52.7

27.4

5.5

41.6

47.1

25.8
To Be Irrigated
By Vane P. Miller
Co. Extension agent

23.0

19.0

Well location

To Be Irrigated
By Vane P. Miller

60.0

20.0

80.7

93-54

32.1

39.0

2.1

156.0

MAP NO. 3910-3 APRIL NO. 4700-3