

1. Considered: APRIL 7, 1982 Water Right No. 4868-3
4072
2. Name of Applicant FRANK VAN DE KIEFE
3. Post Office Address RR# 3, Box 12, CANTON, SD 57013
4. Amount of Water Claimed 2.8 maximum acre feet
5. Source of Water Supply two 39' wells
6. Water to be used for IRR acres to be irrigated 200
7. County Lincoln about 3E 1N miles of CANTON
8. PROOF OF PUBLICATION: Received 3-21-82 Not Received _____
- APPLICATION: Approved _____ Subject to _____
- Not Approved _____ Action Deferred _____

PRIORITY 12-29-81 Dated Received 12-29-81 Application complete-yes X no _____ FEE 275⁰⁰

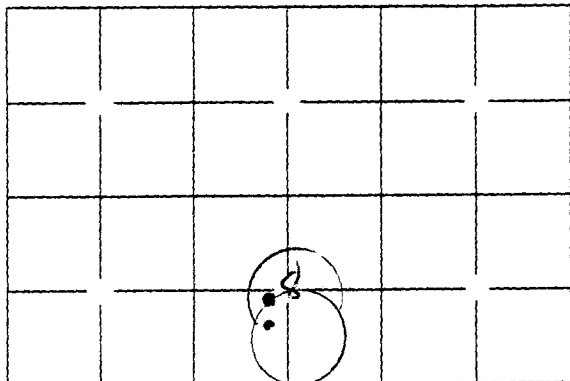
Remarks _____

Corrected Application received _____ Period of Annual Use April - October

WATER QUALITY Received yes 3/8/82 no _____ APPROVED/CONDITIONAL (Circle one)

WI-1 Description same as application-yes _____ no _____ Remarks _____

Disapproved _____ Returned _____



Diversion Points 1E 1/4 SW 1/4
~~SW 1/4~~ 8-98-48

Land to be irrigated SE 1/4 NW 1/4, S 1/2 NE 1/4,
E 1/4 SW 1/4, SE 1/4, 8-98-48

WELL LOG Driller Ed Lacey Licensed - yes X no _____

Depth 39' (two nearly identical wells)

Remarks _____

MAP Map No. 4072-2 Map located in Water Right X Map file _____
Type of Map Aerial Prepared by Wiersma

+++++

REVIEWED This Application was received within 30 days of the date received, accepted as complete, Number assigned and written up for advertisement before the Board on:

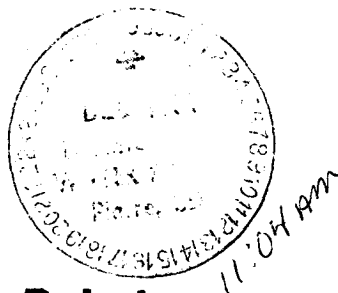
3/8/82

Betty Westlund Sec
(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 was
DECISIONS adopted _____
ETC. Remarks _____

No. 4868-3Map No. 4072-3 Water Division No. 3 BIG SIOUX RIVER District
Above for Office Use 10170203

APPLICATION FOR PERMIT To Appropriate Water within the State of South Dakota

Check one of the following:

New ☒ Vested Right _____ Future Use _____

Change in Diversion _____ Additional Diversion _____

Change in Acreage _____ Additional Acreage _____

1. Name of Applicant Frank Van De Kieft Phone No. 987-5353
 Post Office Address RR#3 Box 12 Canton State S. Dak. 57013
 (Street, RR, or Box) (Town) (Zip Code)
 If a corporation show date and place of incorporation _____

2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract & Direct Labor3. Name of diversion work Van De Kieft Irrigation Project #14. Amount of water claimed (cubic feet per second) 2.85. Source of water supply 2 wells NE SW6. Location of point of diversion #1 - 4420' N 40° E, #2 - 3030' N 57° E
Both 580 m SW corner of Sec 8-98-48County Lincoln7. Annual period or periods during which water is to be used April through Oct.8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation9. For irrigation use, Total number of acres to be irrigated 200

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

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
SE 1/4 of NW 1/4 Sec 8-98-48	12	SE 1/4 of SW 1/4 of Sec 8-98-48	22
SW 1/4 of NE 1/4 Sec 8-98-48	30	NW 1/4 of SE 1/4 of Sec 8-98-48	40
SE 1/4 of NE 1/4 Sec 8-98-48	5	NE 1/4 of SE 1/4 Sec 8-98-48	8
NE 1/4 of SW 1/4 Sec 8-98-48	28	SW 1/4 of SE 1/4 Sec 8-98-48	38

Attach sheet if more space is needed SE 1/4 of SE 1/4 - 8-98-48 510. Time required to complete construction of water supply system 5 years. Additional time required to complete application of water to the proposed beneficial use 3 years.11. Choice of county newspaper for publication of Notice of Intent to Appropriate Water Sioux Valley News

12. Principal Features of the Proposed Water Supply System.

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

2 wells with deep well turbines

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

closed conduit

C. Works proposed to apply water to beneficial use.

center pivot irrigation machineEstimated Total Cost \$ 60,000

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 Beauregard) ss.I, Frank Van De Kieft 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 Frank Van De KieftSubscribed and sworn to before me this 27 day of Dec, 1981John J. Williams
Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Management Board hereby approves Water Right Application No. 4868-3

FRANK VAN DE KIEFT
(Applicant)

RR #3 - Box 12 - CANTON
(Post Office Address)

SOUTH DAKOTA 57013
(State)

With the following qualifications.

The irrigation wells 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 DECEMBER 29, 1981
Date of return to applicant for correction, amendments or changes required DECEMBER 29, 1981
Date of receipt of corrected application MARCH 8, 1982
Approved APRIL 7, 19 82, Recorded in Book _____ Page _____

WATER RIGHT PERMIT NO. 4868-3

The Water Management Board hereby grants and issues this Water Right Permit No. 4868-3 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 8, 1982
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before OCTOBER 7, 1984
3. The whole of said work is to be completed on or before APRIL 7, 1987
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is APRIL 7, 1990
5. The water appropriated shall be used for the purpose of IRRIGATION

6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.

7. The amount of the appropriation herein granted shall not exceed 2.8 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 APRIL 7, 1990; said water to be used during the following described annual period: APRIL THRU OCTOBER

Witness my hand this 13TH day of APRIL, 1982

THE WATER MANAGEMENT BOARD

By:

John H. H. H.
Chief Engineer, Water Rights

Certificate of Construction Issued _____, 19____

Water License Issued _____, 19____

2 nearly identical wells.

D. Well Information

- (1) Drill Hole, Diameter 24", Depth 39'
- (2) Casing, Type PVC (wood, concrete, steel, etc), Diameter 12", Thickness 3/8"
- (3) Screen, Type Cont Slit, Diameter 12", Length 5'
- (4) Gravel Pack, Thickness 4", 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 15'

Depth to bottom of water bearing material 39'

Depth to water (ground surface to water level) 14'

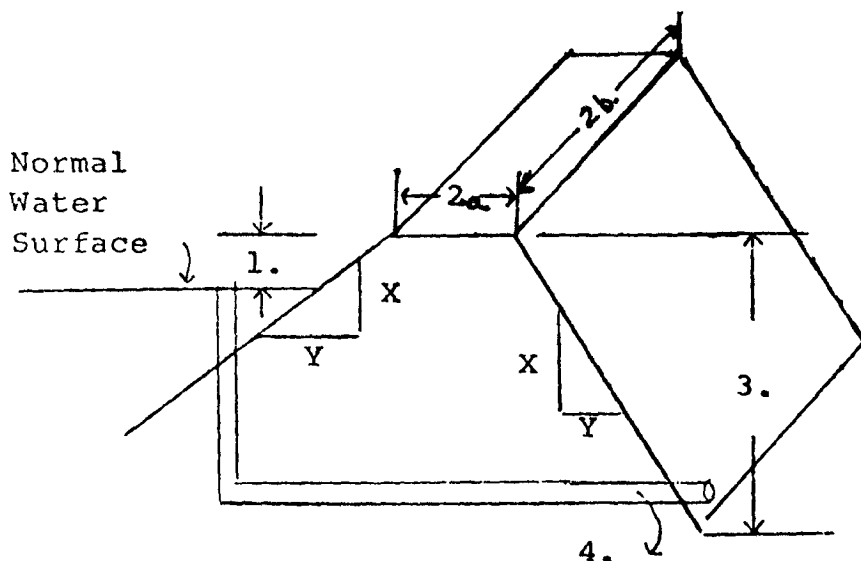
- (2) Distance to nearest existing household or livestock watering well.

On same owner's property 41-85', 42-135' rds.

On property owned by others 41-130', _____ rds. 42-90'

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 _____

No. 4868-3

Publish first publication, on or before March 18, 1982

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

March 8, 1982

Notice is hereby given Frank VanDeKieft whose post office

address is RR #3, Box 12, Canton, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-9; 46-1-12 thru 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, 46-5-25, 46-5-41 (ground) 46-6-3 thru 46-6-5, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14, ~~(future use) 46-5-38; (transfer lands) 46-5-33 thru 46-5-35~~ and Board Rules ARSD 74:02:01:01 thru 74:02:01:15, ~~(future use) 74:02:01:23 thru 74:02:01:26 (10,000 Acre)~~ ~~74:02:07:01 thru 74:02:07:03~~, for a permit to appropriate for beneficial use

2.8 cubic feet of water per second of time from groundwater (two wells) through the VanDeKieft Irrigation Project, the points(s) of diversion which ~~is~~ (are) to be located in the NE 1/4 SW 1/4

of Section 3, Twp. 98N, Range 48W. Said water to be used for purpose of providing irrigation on portions of the following described land:

SE 1/4 NW 1/4, S 1/2 NE 1/4, E 1/2 SW 1/4, SE 1/4, Section 8, T98N, R43W

This Application No. 4868-3 will be considered by the Water Management Board at Meeting Room #1, Kneip Bldg. Church & Illinois, Pierre SD upon the 7th day of April, 1982.

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 Circuit Court and the State Supreme Court as provided by law.

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

For the Water Management Board

cc: applicant

BETTY WESTLUND, Water Rights Specialist

WNR-806-2/82

ED H. LACEY & SONS

Box 796

TRENT, SOUTH DAKOTA 57065

- Irrigation Supplies
- Berkeley Pumps
- E-Z Rain Machines
- Aluminum or Plastic Pipe
- Nelson Volume Guns
- Traveling Gun Hose
- Hot Vulcanized Hose Repair
- Gravel Packed Irrigation Wells
- Test Boring
- Westernhand Roller Pumps,
Turbine Pumps
- Ground Water Heat Pumps
- Wood Stoves

PHONE (605) 428-5686 Ed (605) 428-5979 Jim
(605) 428-5141 Mike (605) 428-5101 Ted

Nov. 6, 81

Test Well Log

FRANK VANDE KIEFT
R.R. CARTON, S.D.

0-1 sandy topsoil

2-15 rocky gravel (rusty) S.M.L. 14'

15-38- VERY COARSE clean white gravel

38- stopped on rock well location

NW 4 NW 4 SE 4 SEC 8 - 98 N - 49 W

CARTON TWP

Jim Lacey - Diller

January 13, 1982



Frank Van De Kieft
R.R. #3, Box 12
Canton, SD 57013

Dear Mr. Van De Kieft:

Enclosed is your copy of the laboratory report of analysis for water sample No. 81-1446.

I have plotted the approximate quality of your water by means of a red cross in the chart located on the back cover of the accompanying AES pamphlet #13.

Sample No. 81-1446 is classified as a medium to high saline, low sodic water. It is suitable for irrigation.

Irrigation application rates slightly in excess of crop requirements will allow the moderate salt load carried by this sample to pass through the soil rooting zone (top two feet).

The Alcester silty clay loam, Dempster silt loam, Graceville silty clay loam, Delmont and Talmo loams are all compatible with the quality of your water. However, the Egan silty clay loam and Wentworth-Chancellor silty clay loams found in the SE 1/4 of the SW 1/4 of Section 8-98-48 may pond under irrigation. This area will also present difficulties in establishing appropriate irrigation application rates. Persistent wet spots should be maintained in grass or a grass/alfalfa mixture.

If a rising water table does occur under irrigation, please contact your county extension agent or this office for assistance.

The WI-1, soils information, and a copy of the water analysis are being forwarded to the Division of Conservation for their action.

Sincerely yours,

Michael H. Sanders
Water Quality Lab
Division of Conservation

MHS:ckb

Enclosures

cc: Division of Conservation, Division of Water Rights, D. Pahl (Extension)

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 8632

January 4

PIERRE, _____, 19__

Grant of water rights, W. 12, Sec. 1, Canton SD 87413

RECEIVED OF _____

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

4868--		
Fee for Application for Permit to Appropriate Water No. _____ (examination, processing, recording and filing) _____		
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		

WATER RIGHTS COMMISSION

By _____
Chief Engineer, Executive Officer

JOHN HATCH

REPORT OF ANALYSIS
Water Quality Laboratory
Water Resources Research Institute
South Dakota State University
Brookings, South Dakota 57007

Name: FRANK VALDEKIEFT Date Rec'd Dec 23, 1981
Address RT 3, Box 12 Sample No. 31-1443
CAMPBELL, SD 57013 Identification WELL- 40.00ft.
JOHN 43W 38 S

WATER ANALYSIS

Calcium (Ca)	152	ppm*	7.53	me/l**
Magnesium (Mg)	43	ppm	3.95	me/l
Sodium (Na)	10	ppm	0.43	me/l
Potassium (K)	3	ppm	0.03	me/l
Sulfate (SO ₄)	257	ppm	5.35	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	35	ppm	1.02	me/l
Bicarbonate (HCO ₃)	351	ppm	5.75	me/l
Carbonate (CO ₃)	0	ppm	0.00	me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Manganese (Mn)		ppm		
Boron (B)	0.10	ppm		
Hardness (33°F as CaCO ₃)		ppm		g.p.g.***
Total Solids		ppm		
Total Cations			12.04	me/l
Total Anions			12.13	me/l
Alkalinity (Methyl Orange)	250	ppm(as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm(as CaCO ₃)		
Electrical Conductivity	1100	micromhos per cm at 25 C		
Sodium Adsorption Ratio	0.10	Adjusted SAR	0.43	
Sodium	3.51	% of Cations		
Residual Sodium Carbonate	0.00	me/l		
pH	7.46			

Others:

*ppm=parts per million

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

**me/l=milliequivalents per liter

COMMENTS

By: Shirley Hittan

Service Performed:

Total Cost: \$ 23.00

Irrigation Analysis

Amount Received: 23.00

Balance Due: 0.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 31-1443

Amount Enclosed \$
Signed

NAME OF APPLICANT Frank Van De Kieft

SOIL RESTRICTIONS: all in 8-98-48. = 200 acres

THE SOIL(S) LISTED BELOW CANNOT BE IRRIGATED:

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

Cd - Chancellor Tetonka
EsC - Egan Shindler & EaB - Egan
WhA - Wentworth Chancellor

If ponding problems occur these soils should be returned to grass or a grass alfalfa mixture. These soils are indicated by red hatch marks.

RECOMMENDED MANAGEMENT

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

RECEIVED

JAN 10 1982

OWNERS NAME: Frank Van De Kiest OWNERS ADDRESS: RR#3 Box 12
COUNTY LAND LOCATED IN: Lincoln . PHONE: 987-5383 . Canton S.D. 57613
TENANT'S NAME AND ADDRESS: (If Other Than Owner) _____

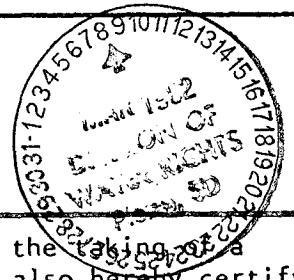
In accordance with State Law SDCL 46-5-6.5, if a water right is granted with a conditional permit (Soil/Water Compatibility), a copy of such conditional permit must be filed with the County Register of Deeds.
This action must be taken by the holder of a water right within 6 months of receipt of such water right.

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

1. WELL LOCATION OR DIVERSION POINT: NE¹ of NE¹ of SW⁴ + SE¹ of NE¹ of SW⁴ of Sec 8 - 98-98
2. SURFACE WATER SOURCE: _____
3. LOCATION OF AREA TO BE IRRIGATED: E² SW⁴; SE⁴; S² NE⁴; SE⁴ NW⁴
4. INDICATE NON-IRRIGATED AREAS AND (APPROX.) ACRES ON MAP: (Flooded, 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, Alfalfa, beans
7. SHOW ANY PORTION OF LAND THAT PRESENTLY HOLDS AN IRRIGATION PERMIT: YEAR OBTAINED: _____
LAND: _____
IN WHAT NAME: _____

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

8. SAMPLE NUMBER: 81-1446
9. SALINITY (EC X 10⁶) 1100
10. SODIUM (SAR) 0.18 ADJUSTED (SAR) 0.48



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 4:00 A.M./P.M., on Nov 4, 1981, at the following location: two well sites
by applicant (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 _____ 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
27 DAY OF Dec., 1981.

John S. [Signature]
(NOTARY PUBLIC)

Frank Van De Kiest
APPLICANT'S SIGNATURE

Jack M. [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.

(Joins sheet 18)

3 005 000 FEET

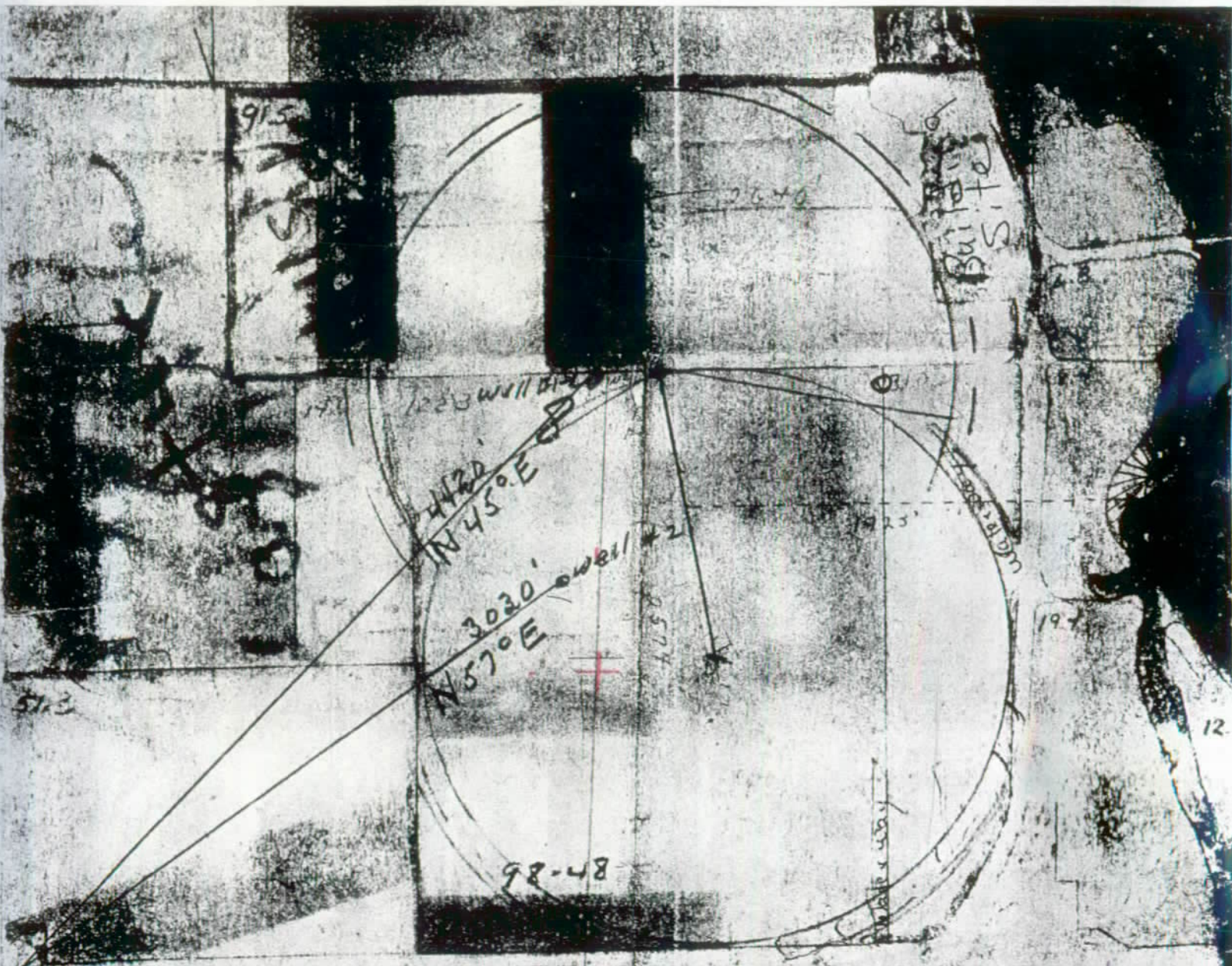


(Joins sheet 22)

Frank Van De Kieft
Irrigation Project #1
Canton So. Dakota
57013

Acres Irrigated - 200
Water claimed - 2.8 cfs

Points of Diversion
4420' N 45° E
3030' N 57° E
of SW corner sec 8-98-48



Dec 27, 1981

Carte d'identité
John [nom] [nom]

~~Drapt 4072-3~~ April 4868-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Lincoln) ss.

I, Sheila Mathison hereby

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

Water was taken from the Sioux Valley News

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 Canton

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

March 18, 1982

March 25, 1982

Sheila Mathison
(Signature)

Bookkeeper
(Title)

March 25, 1982
(Date Signed)

Cost of Printing: \$21.49



NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE
WATER

Pierre, South Dakota 57501
Notice is hereby given Frank
VanDeKieft whose post office ad-
dress is RR 3, Box 12, Canton,
South Dakota, has made an ap-
plication in accordance with the
provisions of SDCL 46-1-1 thru 46-
1-9; 46-1-12 thru 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, 46-5-25, 46-5-
41, 46-6-3 thru 46-6-5, 46-6-6.1, 46-6-
10,, 46-6-13, 46-6-14, and Board
Rules ARSD 74:02:01:01 thru
74:02:01:15, for a permit to ap-
propriate for beneficial use 2.8
cubic feet of water per second of

time from groundwater (two wells)
through the VanDeKieft Irrigation
Project, the points of diversion
which are to be located in the
NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 8, Twp. 98N,
Range 48W. Said water to be used
for purpose of providing irrigation
on portions of the following
described land:

SE $\frac{1}{4}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$,
SE $\frac{1}{4}$, Section 8, T98N, R48W.

This application No. 4868-3 will
be considered by the Water
Managment Board at Meeting
Room No. 1, Kneip Bldg., Church
& Illinois, Pierre, S.D. upon the 7th
day of April, 1982 at 10 a.m. The
Board is authorized to make a
determination on this application
at the hearing. All interested per-
sons may appear and be heard.
Any person who may be affected
by a Board decision who desired
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 exer-
cised at the hearing. Decisions of
the Board may be appealed to the
Circuit Court and the State
Supreme Court as provided by
law.

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

For the Water Management
Board
Betty Westlund
Water Rights Specialist
(3-18, 25)

NOTICE OF COMPLETION OF WORKS AND/OR
APPLICATION OF WATER TO BENEFICIAL USE

RR#3, Box 12

Post Office Canton S.D.Date June 20 1982

TO: Water Rights
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. 4868-3.

Water Right Permit No. 4868-3 states that the diversion system is to be constructed by april 7 1987, and that the water is put to beneficial use by april 7 1987.

The diversion system was completed on 6-17-1982. Applying the water to beneficial use was completed on 6-17-1982.

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.

Frank Van Ockieft
(Signature)





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

October 9, 1997

4868-3

Frank VanDeKieft
48386 281st St.
Canton, SD 57013

Dear Mr. VanDeKieft:

The investigation of your water use system, including the extent of application of water to beneficial use, as developed under Water Permit No. 4868-3, 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 investigation and issuance of the Water License. Upon receipt of the \$50.00 fee from you, we will begin processing your Water License.

**Please remit fee to:
Department of Environment & Natural Resources
Water Rights Program
523 E. Capitol
Pierre, SD 57501-3181**

Sincerely,

Cheryl F. Frost
Secretary
Water Rights Program
(605) 773-3352

NOTE: On check or money order, please specify your permit number. This will insure proper handling of the fee.

Department of Env. Natural Resources

Enclosed is \$^{50.00} for the
Water License. Permit # 4868-3

Thank you

Frank VanDeKieft
48386 281⁰⁰
Canton SD

57013.



South Dakota Department of Environment and Natural Resources

Pierre, _____ October 20, 19__ 97

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

By [Signature]
Chief Engineer

Permit No. 4868-3
Big Sioux River - Water District

Report Of Examination Of Works And/Or Application of Water To Beneficial Use

TO: Chief Engineer, Water Rights Program, DENR, Foss Bldg., Pierre, SD 57501

I have this day, September 11, 1997 made a thorough examination of the water use system constructed by Frank VanDeKieft of RR3 Box 12, Canton SD 57013 holder of Permit No. 4868-3, bearing the priority of March 8, 1982 authorizing the diversion of 2.8 cu. ft. per second of the waters of Big Sioux Aquifer for irrigation purposes, in Lincoln County.

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

A. Works used to divert the water:

Well #1 is 29' deep with 19' of 12" casing and 10' of stainless steel screen; Western Land Roller pump model no. 3-100-R, capacity 300 gpm and a U.S. Electric motor model no. AU-WPI, 30 hp.

Well #2 is 37' deep with 27' of 12" casing and 10' of stainless steel screen; Western Land Roller pump model no. 3-100-R, capacity 300 gpm and a U.S. Electric motor model no. AU-WPI, 30 hp.

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

2310' of 8" PVC pipe.

C. Works used to apply water to beneficial use:

Lindsey center pivot 1320' overall length with 8 towers and a Waterboy end gun, low pressure system, 600 gpm capacity. One system is used for two sites.

The system is in the following condition good. The point of diversion is located well #1 is 485' E and 485' N in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ and well #2 is 99' W and 990' S in the NE $\frac{1}{4}$ SW $\frac{1}{4}$; all from the center of Section 8-T98N-R48W. The works are capable of diverting and conveying to the place of use 1.333cu. 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:

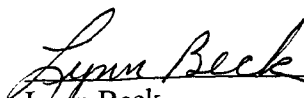
All in Section 8-T98N-R48W:

<u>SE$\frac{1}{4}$ NE$\frac{1}{4}$</u>	<u>1</u>	<u>acre</u>	<u>NE$\frac{1}{4}$ SE$\frac{1}{4}$</u>	<u>8</u>	<u>acres</u>
<u>SW$\frac{1}{4}$ NE$\frac{1}{4}$</u>	<u>35</u>	<u>acres</u>	<u>NW$\frac{1}{4}$ SE$\frac{1}{4}$</u>	<u>38</u>	<u>acres</u>
<u>SE$\frac{1}{4}$ NW$\frac{1}{4}$</u>	<u>25</u>	<u>acres</u>	<u>SW$\frac{1}{4}$ SE$\frac{1}{4}$</u>	<u>36</u>	<u>acres</u>
<u>NE$\frac{1}{4}$ SW$\frac{1}{4}$</u>	<u>28</u>	<u>acres</u>	<u>SE$\frac{1}{4}$ SE$\frac{1}{4}$</u>	<u>7</u>	<u>acres</u>
<u>SE$\frac{1}{4}$ SW$\frac{1}{4}$</u>	<u>14</u>	<u>acres</u>			

comprising a total of 192 acres of land and the license should be issued for 1.333 cfs (600 gpm).

Applicable permit qualifications have been complied with: yes

Exceptions to compliance are: none


 Lynn Beck

9-24-97
 Date

Natural Resources Engineer
 DENR, Water Rights Program

REPORT ON INSPECTION OF PERMIT NO. 4868-3

DATE OF INSPECTION: 9-11-97

Other permit(s) associated with the project: none

NAME & ADDRESS OF INSPECTION CONTACT: Frank VanDeKieft

RELATIONSHIP TO PERMIT HOLDER, IF APPLICABLE: owner

NAME & ADDRESS OF PERMIT HOLDER: Frank VanDeKieft, RR3 Box 12, Canton SD 57013

DIVERSION POINT LEGAL LOCATION: Well #1 is located 485' E and 485' N in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ and well #2 is located 99' W and 990' S in the NE $\frac{1}{4}$ SW $\frac{1}{4}$, of the center of Section 8-T98N-R48W.

WELL INFORMATION:

- 1) Well Drilling Firm: Lacey Well Drilling
- 2) No. of Wells 2
- 3) Depth(s) 29; 37 feet
- 4) Well log is available #

Casing:

- 1) Diameter 12; 12 inches
- 2) Length 19;27 feet
- 3) Type #

Screen:

- 1) Type both stainless steel
- 2) Length 10; 10 feet
- 3) Static water level 17; 17 feet

Pump:

- 1) Make both turbine Western Landrollers
- 2) Model both 3-100-R
- 3) Size #
- 4) Capacity 300 each GPM

Motor:

- 1) Make both US Electric
- 2) Model No. Both AU-WPI
- 3) Horsepower rating both 30 hp

DISTRIBUTION LINES OR CANALS:

- 1) Type PVC
- 2) Size 8
- 3) Length 2310 feet

SYSTEM TYPE:**Center Pivot:**

- 1) Make Lindsey
- 2) Overall length 1320
- 3) Number of towers 8
- 4) End gun yes
- 5) High or low pressure low
- 6) Capacity 600 GPM

CHEMIGATION EQUIPMENT:

- 1) Does chemigate NO

PERMIT QUALIFICATIONS AND REGULATIONS:

- 1) Special qualifications to permit being abided by yes
- 2) All structures, wells and lands on map yes
- 3) Irrigation questionnaires checked to determine if permit owner started irrigation by the end of construction period yes

Approval of Location Change and/or Additional Diversion Point(s)

NAME: Frank VanDeKieft

ADDRESS: RR 3, Box 12, Canton SD 57013

DATE: 10-2-97 COUNTY: Lincoln TELEPHONE: (605) 987-5353

AUTHORITY:

Pursuant to SDCL 46-5-13.1, the location of a diversion point may be changed or additional diversion points may be licensed provided the following conditions are met and the potential for interference with other existing diversions is not increased:

- **Developed water source same as permitted source and no additional water appropriated**

YES

- **If irrigation, no new land is irrigated**

No new land irrigated.

- **Review of Existing Diversions**

Permit No. 4868-3 appropriates 2.8 cfs from two wells in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 8-T98N-R48W. One well was developed in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ and the other in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 8. The wells are 29 and 37 feet deep into the Big Sioux Aquifer. There are no other water rights within one mile that pump from the Big Sioux Aquifer. There is one domestic well on file within one mile of Permit No. 4868-3 though it is likely that there are others. Permit No. 4868-3 has the domestic well interference qualification.

RECOMMENDED ACTION

Based on the above criteria, it is recommended that the diversion point be licensed as developed.



Lynn Beck, Natural Resources Engineer
Water Rights Program

The Chief Engineer makes a finding pursuant to SDCL 46-5-13.1 that:

This change in location does not increase the potential for interference with existing diversions. In making this finding, "does not increase the potential for interference" is interpreted to mean potential for adverse interference.

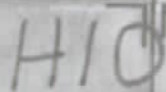


John Hatch, Chief Engineer
Water Rights Program

4868-3

Lynn Beck
Natural Resources Engineer
DENR, Water Rights Program
9-24-97

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4868-3

**STATE OF SOUTH DAKOTA
WATER LICENSE NO. 4868-3**

(1) Frank Van DeKieft, 48386 281st Street, Canton, SD 57013 made Application No. 4868-3, December 29, 1981, for a water permit to divert 2.80 cubic feet of water per second from ground water (two wells), Lincoln County, South Dakota for irrigation purposes. Permit No. 4868-3, with a priority date of March 8, 1982 was approved April 7, 1982 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before April 7, 1987 and for the application to beneficial use of said water on or before April 7, 1990.

A September 11, 1997, investigation of the water use system found one of the wells had been developed outside of the permitted area. Pursuant to SDCL 46-5-13.1, the Chief Engineer makes a finding that the change in location of the diversion point does not increase the potential for interference with or impair existing diversions. The overall project is consistent with the original application.

(2) It is certified that the applicant has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 1.333 cubic feet of water per second for beneficial use. The location of the diversion points are Well #1 - 485'E and 485'N of the center of Section 8 (SW $\frac{1}{4}$ NE $\frac{1}{4}$) and Well #2 - 99'W and 990'S of the center of Section 8 (NE $\frac{1}{4}$ SW $\frac{1}{4}$); both in T98N, R48W.

(3) The applicant has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate the following:

Section 8, T98N, R48W - a total of 192 acres					
SE $\frac{1}{4}$ NE $\frac{1}{4}$	1 acre	SE $\frac{1}{4}$ NW $\frac{1}{4}$	25 acres	NE $\frac{1}{4}$ SE $\frac{1}{4}$	8 acres
SW $\frac{1}{4}$ NE $\frac{1}{4}$	35 acres			NW $\frac{1}{4}$ SE $\frac{1}{4}$	38 acres
		NE $\frac{1}{4}$ SW $\frac{1}{4}$	28 acres	SW $\frac{1}{4}$ SE $\frac{1}{4}$	36 acres
		SE $\frac{1}{4}$ SW $\frac{1}{4}$	14 acres	SE $\frac{1}{4}$ SE $\frac{1}{4}$	7 acres

(4) Pursuant to South Dakota Water Law 46-5-30.1 Frank Van DeKieft, 482826 281st Street, Canton, SD 57013 the holder and/or owner of Water Permit No. 4868-3 is issued a license to appropriate water, the right to use 1.333 cubic feet of water per second from ground water (two wells) with a priority date of March 8, 1982 from the location specified in (2) of this license. The water to be conducted to and upon lands specified in (3) of this license for the purpose of irrigation. This license is subject to any limitations or qualifications listed in Water Permit No. 4868-3 and subject to South Dakota State Law.



JOHN HATCH, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

NOV 12 1997

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

NOV 12 1997

4868-3

Frank Van De Kieft
48386 281st Street
Canton, SD 57013

Dear Mr. Van De Kieft:

Enclosed is Water License No. 4868-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 415499 in the amount of \$50.00 which you paid for the investigation and issuance of the Water License.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 4868-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

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.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Program
(605) 773-3352

gm
enclosures



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**
JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

January 14, 2025

NOTICE

TO: FRANK VAN DE KIEFT, 48386 281ST ST, CANTON, SD 57013

FROM: Ron Duvall, Engineer III
for Eric Gronlund, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2024 Irrigation Questionnaire(s)

Our records indicate your 2024 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 4868-3. The request for the Questionnaire was dated October 23, 2024. The Water Management Board has directed owners of water permits who have not submitted the 2024 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 4868-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held on **Wednesday, March 5, 2025, at 9:30 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 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 of a permit qualification or up to three years for a 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) 4868-3 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 questionnaire(s) is (are) received in this office before the **March 5, 2025**, hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Amanda Dewell at (605) 773-3352 or email at amanda.dewell@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://danr.sd.gov/iq> using this password: KARQOX**

NOTE: Please contact the Water Rights Program, Joe Foss Building, 523 E 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.



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

January 21, 2025

4868-3

Frank Van De Kieft
48386 281st St
Canton Sd 57013

Dear Mr. Van De Kieft:

I am writing to acknowledge the receipt of your 2024 irrigation questionnaire(s).

You may disregard the January 14, 2025, "Notice" concerning the reporting requirements for Water Permit No(s). 4868-3. The information was received prior to the March 5, 2025, Water Management Board meeting and the above listed permit number(s) have been removed from the agenda.

If you have any questions or concerns, please contact me.

Sincerely,

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