

1. Considered: Feb. 24, 1982 Water Right No. 4940-3
2. Name of Applicant JERALD A PETERSON
3. Post Office Address RR Box 36, Bruce 57220
4. Amount of Water Claimed 2.2 maximum acre feet
5. Source of Water Supply ground water 53' well
6. Water to be used for IRR acres to be irrigated 156
7. County Brookings about 5N 2 miles east of Bruce
8. PROOF OF PUBLICATION: Received ~~2-23-83~~ 2-23-83 <sup>sw</sup> Not Received
- APPLICATION: Approved 2-24-83 Subject to WFIQ
- Not Approved          Action Deferred

PRIORITY 11-1-82 Dated Received 11/1/82 Application complete-yes X no          FEE 250<sup>00</sup>

Remarks need fee and WQ approval

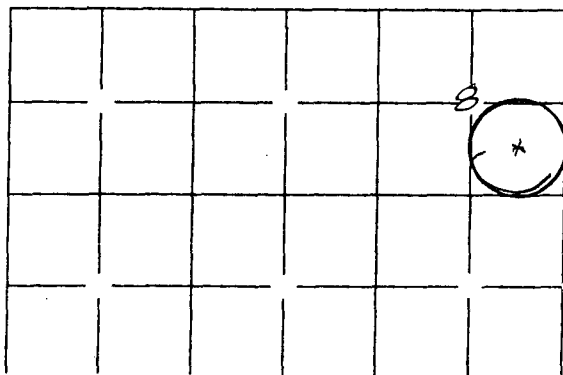
Corrected Application received 11-15-82 Period of Annual Use April 1<sup>st</sup> to Oct 31<sup>st</sup>

WATER  
QUALITY

Received yes 11/6/82 no          APPROVED CONDITIONAL (Circle one)

WI-1 Description same as application-yes          no          Remarks         

Disapproved          Returned         



Diversion Point         

Approx center of SE $\frac{1}{4}$  8-112-50

Land to be irrigated         

SE $\frac{1}{4}$  8-112-50

WELL LOG Driller Kaiser Well Drilling Licensed - yes xx no         

Depth 53 feet deep

Remarks

MAP Map No. 4140-3 Map located in Water Right X Map file \_\_\_\_\_  
Type of Map Aerial Prepared by John 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:

1/5/83

*Spustand*  
(Signed)

+++++

PROTESTS Letters/Petitions in File - yes \_\_\_\_\_ no \_\_\_\_\_ Remarks \_\_\_\_\_

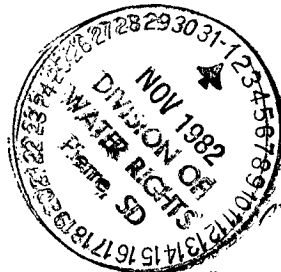
\_\_\_\_\_  
\_\_\_\_\_

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. 4940-3Map No. 4140-3 Water Division No. 3 BIG SIOUX RIVER District

Above for Office Use

10170202



## 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 Gerald A. Peterson Phone No. 873-2636Post Office Address RR Box 36 Bruce State SD 57220  
(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 Gerald A. Peterson Irrigation Project # 24. Amount of water claimed (cubic feet per second) 2.25. Source of water supply well6. Location of point of diversion 1860' N 45° W of SE corner Sec 8-112-50  
APPROX CENTER SE 4County Brookings7. Annual period or periods during which water is to be used Apr. 1 through Oct. 31st8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation9. For irrigation use, Total number of acres to be irrigated 15.6

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. |
|--------------------------------------|----------------|
| <u>NW 1/4 of SE 1/4 Sec 8-112-50</u> | <u>40</u>      |
| <u>NE 1/4 of SE 1/4 Sec 8-112-50</u> | <u>39</u>      |
| <u>SW 1/4 of SE 1/4 Sec 8-112-50</u> | <u>39</u>      |
| <u>SE 1/4 of SE 1/4 Sec 8-112-50</u> | <u>38</u>      |

| Land Description | No. Acres Irr. |
|------------------|----------------|
|                  |                |
|                  |                |
|                  |                |
|                  |                |

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 5 years. Additional time required to complete application of water to the proposed beneficial use 4 years.11. Choice of county newspaper for publication of Notice of Intent to Appropriate Water Brookings Register

12. Principal Features of the Proposed Water Supply System.

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

well with deep well turbine

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 \$ 55,000

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 Brookings ) ss.I, Gerald A. Peterson 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 Gerald A. PetersonSubscribed and sworn to before me this 28 day of Oct, 1982

Notary Public (or other qualified officer)

# WATER RIGHT APPLICATION APPROVAL

The Water Management Board hereby approves Water Right Application No.

4940-3

Jerald A. Peterson

RR Box 36 Bruce

(Applicant)

(Post Office Address)

South Dakota 57220

(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

November 1, 1982

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

November 1, 1982

Date of receipt of corrected application

November 15, 1982

Approved

February 24

, 1983

Recorded in Book

Page

WATER RIGHT PERMIT NO.

4940-3

The Water Management Board hereby grants and issues this Water Right Permit No. 4940-3 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 November 1, 1982
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before August 24, 1985
3. The whole of said work is to be completed on or before February 24, 1988
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is February 24, 1992
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 2.2 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 February 24, 1992; said water to be used during the following described

annual period: April thru Oct 31

Witness my hand this 9<sup>th</sup> day of March, 1983

THE WATER MANAGEMENT BOARD

By:

John Peterson  
Chief Engineer, Water Rights

Certificate of Construction Issued

, 19

Water License Issued

, 19

D. Well Information

- (1) Drill Hole, Diameter 20", Depth 63'
- (2) Casing, Type PVC, Diameter 14", Thickness 3/8"  
(wood, concrete, steel, etc)
- (3) Screen, Type Pant slot, Diameter 14", Length 10'
- (4) Gravel Pack, Thickness 2", Length of gravel pack 30'

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 20

Depth to bottom of water bearing material 53'

Depth to water (ground surface to water level) 16

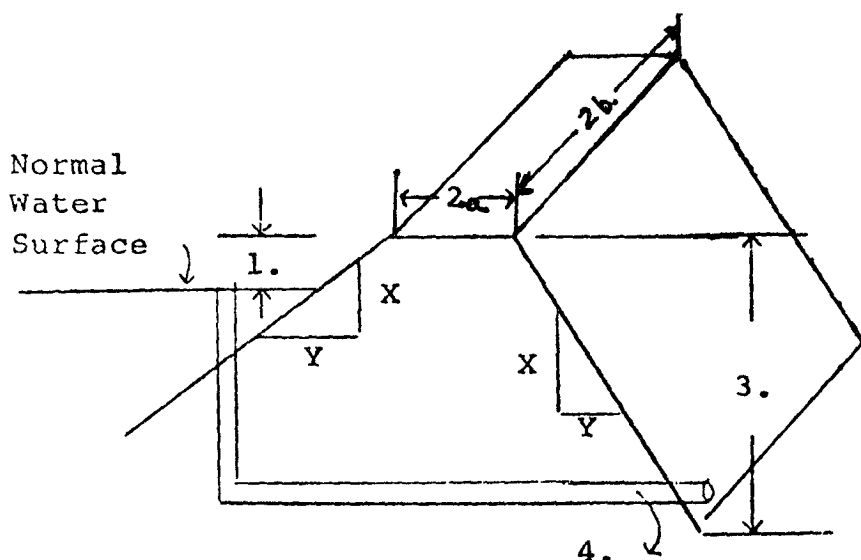
- (2) Distance to nearest existing household or livestock watering well.

On same owner's property No Supply <sup>120</sup> rds.

On property owned by others 320 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 \_\_\_\_\_

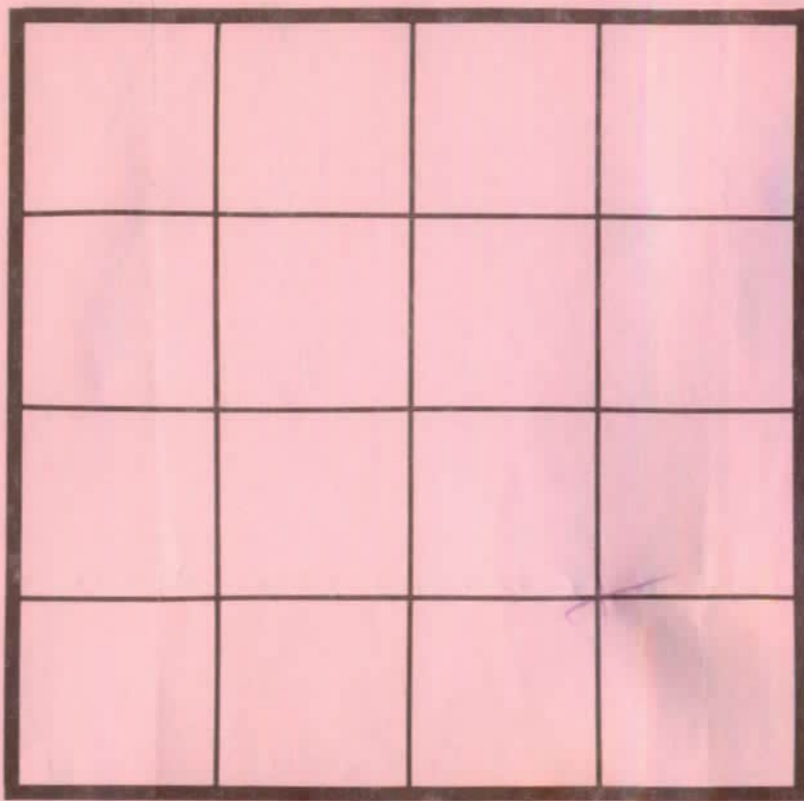
X. Gerald A. Peterson  
Signature of Applicant

# Kaiser Well Drilling De Smet, South Dakota 57231

IRRIGATION-TESTING-DRILLED-STOCK AND DOMESTIC  
BORED WELLS

Ph. 854-3744

Name Jerry Peterson  
Location Fertile, S.D.  
Township \_\_\_\_\_  
Section \_\_\_\_\_



Test hole No. 1

Data

Top soil 0' - 1 1/2'  
Brown clay 1 1/2' - 5'  
sand gravel (fine) 5' - 20'  
gray gravel 20' - 40'  
blue clay 40' - 41'  
yellow gravel 41' - 53'  
blue clay 53' - 60'

Drilled - Roubidoux Creek

Test hole No. 2

Data

(Took water well)

4940-3

SOUTH



# Department of Agriculture

## DIVISION OF CONSERVATION

Anderson Building, Room 322

Pierre, South Dakota 57501

Phone 605/773-3258

October 30, 1982

Jerald Peterson  
RR, Box 36  
Bruce, SD 57220

Dear Mr. Peterson:

In reviewing your soil and water compatibility application for 156 acres in the SE $\frac{1}{4}$  8-112-50 and water sample No. 82-1912, the irrigation staff has found your soil and water compatible for irrigation.

The Irrigation Staff will be recommending an unconditional approval of your application to the State Conservation Commission at their November 4, 1982 meeting.

If you have any questions please feel free to contact this office.

Sincerely,

Jim Stukel  
Irrigation Program Director

cf

cc: ✓ Water Rights  
Water Quality Lab  
Red Pahl, SDSU  
County Extension Service

# RECEIPT

WATER RIGHTS COMMISSION

No 4 9030

State of South Dakota

PIERRE, November 15, 1982, 19

RECEIVED OF DR. Gerald A. Peterson, 345 Williams Road, Salinas, California 93905

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

|                                                                                                                      |     |    |
|----------------------------------------------------------------------------------------------------------------------|-----|----|
| Fee for Application for Permit to Appropriate Water No. 4940-3 (examination, processing, recording and filing) ----- | 250 | 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                                                                                                                | 250 | 00 |

WATER RIGHTS COMMISSION

By John Hatch  
Chief Engineer, Executive Officer

JOHN HATCH/ms

SOIL/WATER COMPATIBILITY PERMIT APPLICATION FORM

STATE CONSERVATION COMMISSION  
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE

Office Use Only

3093

OWNERS NAME: James L. Peterson OWNERS ADDRESS: PR Box 36

COUNTY LAND LOCATED IN: Brookings PHONE: \_\_\_\_\_

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

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

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

1. WELL LOCATION OR DIVERSION POINT: SW 1/4 of SE 1/4 of Sec 8 - T112N - R50W
2. SURFACE WATER SOURCE: \_\_\_\_\_
3. LOCATION OF AREA TO BE IRRIGATED. NOTE: SOILS INFORMATION FOR THIS AREA MUST ACCOMPANY THE APPLICATION. (See instruction sheet)

| Legal Description                               | Acres     | Legal Description | Acres      |
|-------------------------------------------------|-----------|-------------------|------------|
| <u>NE 1/4 of SE 1/4 of Sec 8 - T112N - R50W</u> | <u>40</u> |                   |            |
| <u>NE 1/4 of SE 1/4 of Sec 8 - T112N - R50W</u> | <u>39</u> |                   |            |
| <u>SW 1/4 of SE 1/4 of Sec 8 - T112N - R50W</u> | <u>39</u> |                   |            |
| <u>SE 1/4 of SE 1/4 of Sec 8 - T112N - R50W</u> | <u>38</u> | <u>Total =</u>    | <u>156</u> |

4. TYPE OF IRRIGATION: GRAVITY: \_\_\_\_\_ TOWLINE: \_\_\_\_\_ CENTER PIVOT: ☒ GUN: \_\_\_\_\_ OTHER: \_\_\_\_\_ (Specify)
5. CROPS TO BE IRRIGATED: \_\_\_\_\_
6. SHOW ANY PORTION OF LAND THAT PRESENTLY HOLDS AN IRRIGATION PERMIT: YEAR OBTAINED: \_\_\_\_\_
- LEGAL DESCRIPTION: \_\_\_\_\_
- IN WHAT NAME: \_\_\_\_\_

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

7. WATER SAMPLE NUMBER: 82-192
8. SALINITY (EC X 10<sup>6</sup>): 7.0
9. SODIUM (SAR): 0.30
10. ADJUSTED (SAR): 0.13

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 instruction sheet) were followed, and that the sample was taken at 2:38 a.m./p.m., on OCT 25, 1982, at the following location: T-112-N R-50-W Section 8 SW 1/4 by Dave Gullickson (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 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

28 DAY OF Oct, 1982

John L. Peterson  
(NOTARY PUBLIC)

X James L. Peterson  
APPLICANT'S SIGNATURE

Jack M. Field  
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 PERMIT must be obtained from the Board of Water Management.



4940-3  
No. \_\_\_\_\_

Publish first publication, on or before January 14, 1983

NOTICE OF HEARING ON  
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

January 6, 1983

Notice is hereby given Jerald A Peterson whose post office

address is RR Box 36, Bruce, 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 AFA~~) 74:02:07:01 thru 74:02:07:03, for a permit to appropriate for beneficial use

2.20 cubic feet of water per second of time from groundwater (one well)

through the Peterson Irrigation Project #2, the point ~~(s)~~ of diversion which is ~~(are)~~ to be located in the approximate center of SE $\frac{1}{4}$

of Section 8, Twp. 112N, Range 50W. Said water to be used for purpose of providing irrigation on portions of the following described land:

SE $\frac{1}{4}$  Section 8, T112N, R50W

This Application No. 4940-3 will be considered by the Water Management Board at Joe Foss Building  
523 East Capitol, Room 216, Pierre, South Dakota upon the 24th day of February, 1983

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, DWRN, 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

# Affidavit of Publication

State of South Dakota

County of Brookings

ss

Douglas Anstaett

\_\_\_\_\_ of said county, being first duly sworn, on oath, says: That he is one of the editors of THE BROOKINGS REGISTER, a daily newspaper, printed and published in the City of Brookings, in said County of Brookings, and State of South Dakota; that he has full and personal knowledge of the facts herein stated; that said newspaper is a legal newspaper and has a bona fide circulation of at least two hundred copies of each issue daily; that said newspaper has been published within the said County of Brookings and State of South Dakota, for more than one year next prior to the first publication of Exhibit "A," hereto attached and herein mentioned, and was and is printed in the office maintained at said place of publication; and that the \_\_\_\_\_

Legal No. 26

69 lines x .339

a printed copy of which, taken from the paper in which the same was published, is hereto attached marked Exhibit "A," and is made a part

of this affidavit, was published in said newspaper for \_\_\_\_\_ Two

successive week<sup>s</sup>..., to-wit:

..... January 13, 19<sup>83</sup>

..... January 20, 19<sup>83</sup>

....., 19.....

....., 19.....

That the full amount of the fee charged for the publication of said Exhibit "A" inures to the sole benefit of the publishers of said newspaper; that no agreement or understanding for the division thereof has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever; that the fees charged for the publication thereof are:

Twenty-three dollars and thirty-nine cents

Dollars

*Douglas Anstaett*  
20th

Subscribed and sworn to before me this \_\_\_\_\_ day of

..... January, 19<sup>83</sup>

*E. P. [Signature]*

Notary Public in and for the County of Brookings, South Dakota.

My Commission expires September 6, 19<sup>85</sup>

## Legal No. 26, 2x, Jan. 13, 20 NOTICE OF HEARING ON APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

January 6, 1983

Notice is hereby given Jerald A. Peterson whose post office address is R.R. Box 36, Bruce, 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 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 appropriate for beneficial use 2.20 cubic feet of water per second of time from groundwater (one well) through the Peterson Irrigation Project No. 2, the point of diversion which is to be located in the approximate center of SE $\frac{1}{4}$  of Section 8, Twp. 112N, Range 50W. Said water to be used for purpose of providing irrigation on portions of the following described land: SE $\frac{1}{4}$  Section 8, T112N, R50W.

This Application No. 4940-3 will be considered by the Water Management Board at Joe Foss Building, 523 East Capitol, Room 216, Pierre, South Dakota upon the 24th day of February, 1983 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  
-s- Betty Westlund,  
BETTY WESTLUND,  
Water Rights Specialist

cc: applicant  
WNR-806-2-82

APPLICATION 4940-3

Gerald Peterson

February 14, 1983

Application 4940-3 proposes to irrigate 156 acres in the SE $\frac{1}{4}$  Section 8, T112N, R50W from one 53 foot well withdrawing water from the Big Sioux Aquifer.

The Big Sioux Aquifer in section eight is under water-table conditions. A review of observation well records shows the seasonal fluctuations and with average precipitation the aquifer is essentially full every spring.

The proposed production well is spaced from the Sioux River approximately 1 mile and from other high capacity approximately  $\frac{1}{2}$  mile. Considering the spacing, thickness of the aquifer and recharge there should be no adverse affects on the aquifer or on prior rights.

Gale Selken

WATER RIGHTS DIVISION  
Phone 605) 773-3352

March 2, 1983

Dave Gullickson  
Farmers Implement  
3023 Hwy 14 By-Pass  
Brookings, South Dakota 57006

Dear Mr. Gullickson:

Application No. 4940-3, Jerald A. Petersen was approved by the Water Management Board at their meeting held February 24, 1983.

The Permit authorizes diversion of 2.20 cfs from groundwater to irrigate 156 acres in the SE $\frac{1}{4}$  Section 8, T112N, R50W. As per your request a copy of the permit will be forwarded to you as soon as it is written up and signed by the Chief Engineer.

If you have any questions, please advise.

Sincerely,

Genny Young  
Water Rights Specialist

GY:ms

**SOUTH Dakota** Department of  
**Water & Natural Resources**

Joe Foss Building Water Rights Division  
Pierre, South Dakota 57501

(605) 773-3352

March 9, 1983

Jerald A. Peterson  
Rural Route, Box 36  
Bruce, South Dakota 57220

Dear Mr. Peterson:

Enclosed herewith is your Water Right Permit No. 4940-3 as approved by the Water Management Board authorizing you to construct your water diversion system and apply the water to beneficial use, not exceeding the limits as specified in said Water Right Permit No. 4940-3.

Also enclosed is FORM 10, Notice of Completion of Works and Application of Water to Beneficial Use, which you are to complete and submit to the Water Management Board when you have completed the system and/or have put the water to beneficial use. The Board can then schedule an inspection so that your Certificate of Construction and/or Water License may be issued to you, thus completing your acquisition of a Water Right.

Very truly yours,

JOHN HATCH, Chief Engineer  
Water Rights Division

JH:ms

enclosure



# Department of Water & Natural Resources

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

Water Rights Division  
605 773-3352

December 30, 1983

3556-3

4233-3

4362-3

4507-3

4940-3

Jerauld A Peterson  
Rt 1, Box 36A  
Bruce SD 57220

Dear Mr. Peterson:

This will acknowledge receipt of your 1983 Irrigation Questionnaire. In regard to your request for a list of your permits and the lands covered under each, the following is a description of each of the permits.

- Permit No. 3556-3: 302 acres, N $\frac{1}{2}$  Section 8, T112N, R50W  
4.3 cfs - from 2 wells in centers of NW $\frac{1}{4}$  & NE $\frac{1}{4}$  Section 8
- Permit No. 4233-3: 302 acres - N $\frac{1}{2}$  Section 8, T112N, R50W  
(same land and cfs as under Permit No. 3556-3)  
this permit is for 2 additional wells in the E $\frac{1}{2}$  NW $\frac{1}{4}$   
and W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 8
- Permit No. 4362-3: 147 acres - SW $\frac{1}{4}$  Section 8, T112N, R50W  
2.0 cfs - from 2 wells in NW $\frac{1}{4}$  SW $\frac{1}{4}$  & SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 8
- Permit No. 4507-3: 252 acres - SE $\frac{1}{4}$  Section 17, NW $\frac{1}{4}$  Section 20, T112N, R50W  
3.59 cfs - from 2 wells in NW $\frac{1}{4}$  NW $\frac{1}{4}$  & NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 20
- Permit No. 4940-3: 156 acres - SE $\frac{1}{4}$  Section 8, T112N, R50W  
2.2 cfs - from 1 well in approximate center of SE $\frac{1}{4}$  Sec 8

If you have any questions or need further information, contact this office.

Sincerely,

GENNY MCMATH  
Natural Resources Analyst

GM:ks

*Equal Opportunity Employer*

Dear Sir -

Sorry for being slow  
on these returns.

I have put the land  
descriptions above my  
nameplate. Would  
you please send me a  
list of my permits and  
corresponding land  
description for each?  
Thank you!

Jerry

Jerald Peterson

RR#1, Box 36A

Bruce

4507-3

4940-3

3556-3

4233-3

4362-3



# Department of Water & Natural Resources

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

December 10, 1987

4940-3  
4362-3  
3556-3

Jerald A Peterson  
RR #1 Box 36A  
Bruce, SD 57220

Dear Mr. Peterson:

The inspection of your water use systems and inspection of the extent of the application of water to beneficial use as developed under Water Permit Nos. 4940-3, 4362-3 and 3556-3 has been completed. The final water right document, the Water License, can now be issued for these permits.

I am contacting Grimshaw Drilling to try and obtain well logs for the your wells. The well logs are needed to complete the permit files for licensing purposes.

Statutes require that we charge a \$50.00 fee (each) for inspection and issuance of a Water License. Upon receipt of \$150.00 from you, Water License Nos. 4940-3, 4362-3 and 3556-3 can be issued. South Dakota Water Law 46-5-30.1 requires that a permit holder may not divert water until the license fees are paid.

If you have any questions, please contact us.

Sincerely,

A handwritten signature in cursive script that reads "Genny McMATH".

GENNY MCMATH  
Natural Resources Analyst  
605 773-3352

BIG SIOUX RIVER Water District**Report Of Examination Of Works And/Or Application Of Water To Beneficial Use**

TO: Chief Engineer, Division of Water Rights, DWNR, Foss Bldg., Pierre, SD 57501

I have this day made a thorough examination of the water use system constructed by JERALD A. PETERSON of BRUCE, SD holder of Permit No. 4940-3, bearing the priority of NOVEMBER 1, 1982 authorizing the diversion of 2.20 cu. ft. per second of the waters of GROUNDWATER (ONE WELL) for IRRIGATION purposes, in BROOKINGS County.

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

## A. Works used to divert the water:

1 42' DEEP WELL WITH 16" CASING AND 15' JOHNSON SS SCREEN  
A VALLEY PUMP, 800 GPM CAPACITY, HEAD-135, 1800 RPM, SERIAL # 140132 10HHQ4A  
POWERED BY A 40 HP U.S. ELECTRIC "HIGH THRUST" MOTOR, 1775 RPM, TYPE-RU, EFF. - 87.5%,  
ID # R-6229-04-344 R1000864 M

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

10' OF 8" SS PIPE TO CENTER PIVOT

## C. Works used to apply water to beneficial use:

AN 8 TOWER VALLEY ELECTRIC CENTER PIVOT WITH END GUN, APP. 1295' LONG.  
LOW PRESSURE SYSTEM (25 PSI), 800 GPM CAPACITY

The system is in the following condition GOOD

The point of diversion is located 1300' W AND 1300' N OF THE SE CORNER  
OF SECTION 8, T112N, R50W.

The works are capable of diverting and conveying to the place of use 1.78 (800 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 8, T112N, R50W

NW 1/4, SE 1/4 - 33 ACRES

NE 1/4, SE 1/4 - 33 ACRES

SE 1/4, SE 1/4 - 32 ACRES

SW 1/4, SE 1/4 - 33 ACRES

comprising a total of 131 acres of land and the license should be issued for 1.78 cfs

Applicable permit qualifications have been complied with ☒ Yes ☐ No

Exceptions to compliance are: \_\_\_\_\_ Date 4-1-87

Well Drilled by Kaiser - no log available

Thomas M. Brandner  
 (signature)

LICENSE FOR PERMIT NUMBER 4940-2

1. Legal location of wells: \_\_\_\_\_

dams & structures: \_\_\_\_\_

2. Well Information: Well Drilling Firm \_\_\_\_\_

No. of wells 1 Depth \_\_\_\_\_

Casing a) diameter \_\_\_\_\_ Screen a) type \_\_\_\_\_

b) length \_\_\_\_\_ b) length \_\_\_\_\_

c) type \_\_\_\_\_ Static Water Level \_\_\_\_\_

Pump a) make Valley Pump Co. Motor a) make High Thrust (US. Elec. Co.)

b) model 140132 104404A b) model no. R-6229-08-344 R1000864

c) size \_\_\_\_\_ c) horsepower rating 40

d) capacity 800 GPM d) motor efficiency rating \_\_\_\_\_

e) turbine pump 1800 RPM 82.5%

no. of stages \_\_\_\_\_ Type RU

Head 135

3. Distribution lines:

a) size of lines 8"

b) type SS

c) length 10'

4. Dam information:

a) height to crest \_\_\_\_\_

b) height to spillway \_\_\_\_\_

c) crest width \_\_\_\_\_

d) crest length \_\_\_\_\_

e) spillway length \_\_\_\_\_

f) spillway width \_\_\_\_\_

g) approx. storage \_\_\_\_\_

h) Distribution lines or canals:

1) size \_\_\_\_\_

2) type \_\_\_\_\_

3) length \_\_\_\_\_

i) Outlet tubes:

1) diameter \_\_\_\_\_

2) type \_\_\_\_\_

3) valued (Y/N) \_\_\_\_\_

4) valve type \_\_\_\_\_

5) location on structure \_\_\_\_\_

5. System Type: a) sideroll:

1) length \_\_\_\_\_ feet

2) diameter of pipe \_\_\_\_\_

3) make, model & number of sprinklers \_\_\_\_\_

4) spacing of sprinklers \_\_\_\_\_

5) nozzle size \_\_\_\_\_

b) towline:

1) length \_\_\_\_\_ feet

2) make, model & number of sprinklers \_\_\_\_\_

3) spacing of sprinklers \_\_\_\_\_

4) nozzle size \_\_\_\_\_

5. System Type: c) center pivot

- 1) make Valley Electric
- 2) number of towers 8
- 3) distance between towers \_\_\_\_\_
- 4) overall length ~ 1295'
- 5) End gun (Y/N) Y
- 6) high or low pressure Low
- 7) make & size of nozzles \_\_\_\_\_
- 8) PSI reading while system is running 25 at end
- 9) GPM \_\_\_\_\_

g) Gun

- 1) make \_\_\_\_\_
- 2) serial number \_\_\_\_\_
- 3) nozzle size \_\_\_\_\_
- 4) capacity (GPM) \_\_\_\_\_
- 5) PSI \_\_\_\_\_
- 6) hose size \_\_\_\_\_
- 7) hose length \_\_\_\_\_

d) Gate Pipe

- 1) length \_\_\_\_\_
- 2) diameter \_\_\_\_\_
- 3) spacing of gates \_\_\_\_\_

e) Siphons

- 1) number \_\_\_\_\_
- 2) size \_\_\_\_\_

f) Portable boom

- 1) make \_\_\_\_\_
- 2) serial number \_\_\_\_\_
- 3) nozzle size \_\_\_\_\_
- 4) capacity (GPM) \_\_\_\_\_
- 5) PSI \_\_\_\_\_

h) Hydromatic

- 1) make \_\_\_\_\_
- 2) model \_\_\_\_\_
- 3) serial number \_\_\_\_\_
- 4) length \_\_\_\_\_
- 5) nozzle size \_\_\_\_\_
- 6) spacing \_\_\_\_\_
- 7) PSI \_\_\_\_\_
- 8) capacity (GPM) \_\_\_\_\_

YES

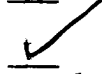
NO

Check Items



\_\_\_\_\_

1. Soil and water permit lands agree with lands being irrigated and lands listed on permit.



\_\_\_\_\_

2. Special Qualifications to permit being abided by.



\_\_\_\_\_

3. All Structures, wells and lands on map.

REMARKS:

# RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

411007

Pierre, December 15, 19 87

RECEIVED OF Dr. Jerald A. Peterson, RR 1, Box 36A, Bruce, SD 57220

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

|                                                                                                                            |       |       |
|----------------------------------------------------------------------------------------------------------------------------|-------|-------|
| Fee for Application for Permit No. _____ to Appropriate Water, to construct works and to put water to beneficial use _____ |       |       |
| 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. <u>4940-3</u>                | 50    | 00    |
| Fee for Filing Transfer Form _____                                                                                         |       |       |
| Fee for Filing Extension Request _____                                                                                     |       |       |
| Fee for Certified Copy of _____                                                                                            |       |       |
| Fee for Print Copy of Map _____                                                                                            |       |       |
| Fee for Certifying _____                                                                                                   |       |       |
| Fee for _____                                                                                                              |       |       |
| (Any Other Work Provided by Law)                                                                                           | Total | 50 00 |

By John Hatch  
Chief Engineer JOHN HATCH 



No. 4940-3

# Department of Water & Natural Resources

Joe Foss Building  
523 East Capitol  
Pierre, South Dakota 57501

WATER RIGHTS DIVISION  
Phone (605) 773-3352

DEC 17 1987

Jerald A. Peterson  
Rural Route 1, Box 36 A  
Bruce, South Dakota 57220

Dear Mr. Peterson:

Enclosed herewith is, Water License No. 4940-3. This 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: ms

Enclosures

**State of South Dakota**  
**Water License No. 4940-3**

(1) Jerald A. Peterson  
of RR 1, Box 36 A, Bruce, South Dakota 57220  
made Application No. 4940-3, November 1, 1982 for a water permit to appropriate  
2.20 cubic feet per second of water from groundwater (one well),  
Brookings County, South Dakota for irrigation purposes.  
Permit No. 4940-3, with a priority date of November 1, 1982  
was approved February 24, 1983 and issued to applicant(s) for diversion of water with construction of the described  
water supply system to be completed on or before February 24, 1988 and for the application to beneficial use of said  
water on or before February 24, 1992.

and

(2) It is certified that the application 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 1.78 cubic feet per second of water  
for beneficial use. The location of the diversion point(s) is 1300' west and 1300' north of the SE  
Corner of Section 8, T112N, R50W (SE $\frac{1}{4}$ SE $\frac{1}{4}$ )

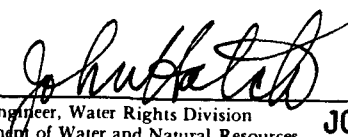
and

(3) The applicant has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to the following extent, to irrigate the following land all in T112N-R50W

|           |                                   |           |
|-----------|-----------------------------------|-----------|
| Section 8 | NW $\frac{1}{4}$ SE $\frac{1}{4}$ | 33 Acres  |
|           | NE $\frac{1}{4}$ SE $\frac{1}{4}$ | 33 Acres  |
|           | SE $\frac{1}{4}$ SE $\frac{1}{4}$ | 32 Acres  |
|           | SW $\frac{1}{4}$ SE $\frac{1}{4}$ | 33 Acres  |
|           | TOTAL                             | 131 ACRES |

(4) Pursuant to §46-5-30.1 Jerald A. Peterson  
of RR 1, Box 36 A, Bruce, South Dakota 57220  
the holder(s) and/or owner(s) of Water Permit No. 4940-3 is issued a license to appropriate water, the right to use  
1.78 cubic feet per second of water from groundwater (one well) with a priority date  
of November 1, 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. 4940-3 and subject  
to South Dakota State Law.

  
Chief Engineer, Water Rights Division  
Department of Water and Natural Resources

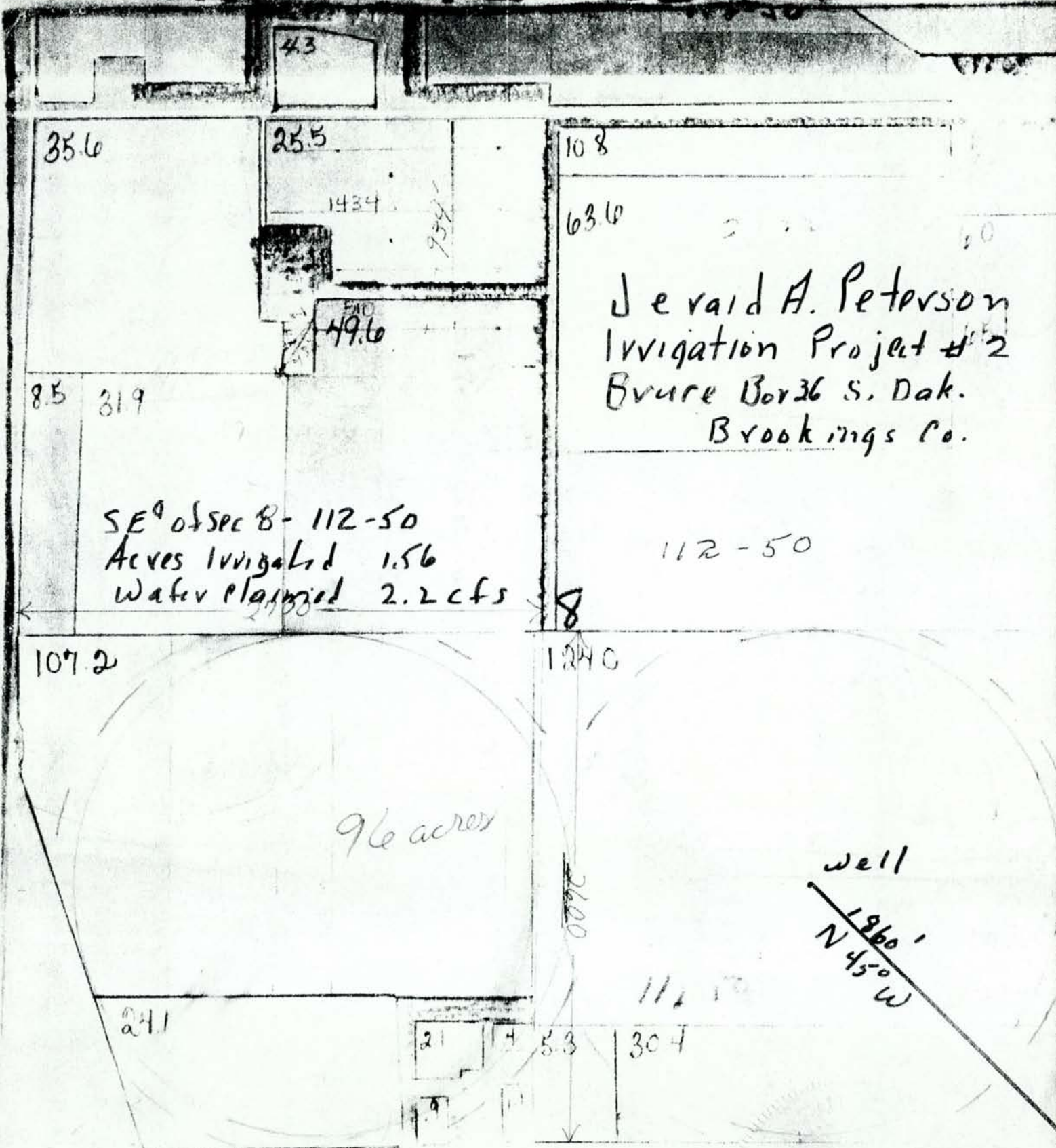
JOHN HATCH

DEC 17 1987

NOT TO SCALE



NOT TO SCALE



NOT TO SCALE

43

35.6

25.5

10.8

1434

63.6

49.6

Jerald A. Peterson  
Irrigation Project #2  
Brace Box 36 S. Dak.  
Brookings Co.

8.5 319

SE<sup>1</sup> of sec 8 - 112-50  
Acres Irrigated 1.56  
Water Planned 2.2 cfs

112-50

107.2

1240

96 acres

well

1860'  
N 45° W

241

21

4

53

304

10-27-82

John Luusma

~~Map # 4140-3~~

Appl. 4940-3



DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

JOE FOSS BUILDING  
PMB 2020  
523 EAST CAPITOL  
PIERRE SOUTH DAKOTA 57501-3182  
[www.state.sd.us/denr](http://www.state.sd.us/denr)

January 20, 2017

NOTICE

TO: JERALD A PETERSON, 46727 197TH ST, BRUCE, SD 57220

FROM: Ron Duvall, Natural Resources Engineer  
for Jeanne Goodman, Chief Engineer  
Water Rights Program

SUBJECT: Reporting Requirement for 2016 Irrigation Questionnaires

Our records indicate your 2016 Irrigation Questionnaires have not been submitted. The request for the Questionnaires was dated October 21, 2016. The Water Management Board has directed that owners of water permits who have not submitted the 2016 Irrigation Questionnaires be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine if Permit No(s) 2437A-3, 3556-3A, 3556B-3 & 4362-3 should be amended to require the Questionnaire to be submitted each year and to determine action to be taken for violation of Water Permit No(s) 4940-3, 4981-3, 5170-3 & 5443-3 qualification:

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

The hearing will be held at **Wednesday, March 1, 2017 at 11:00 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) 4940-3, 4981-3, 5170-3 & 5443-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Amend Permit No(s) 2437A-3, 3556-3A, 3556B-3 & 4362-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
3. Postpone any action or 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 questionnaires are received in this office before the **March 1, 2017** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaires for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at [genny.mcmath@state.sd.us](mailto:genny.mcmath@state.sd.us). If you prefer, you can complete the questionnaire online at the following link: <http://denr.sd.gov/iq.aspx>

**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.



4940-3  
DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

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

denr.sd.gov

February 14, 2017

Jerald A Peterson  
46727 197<sup>th</sup> St  
Bruce SD 57220

RE: Water Right Nos. 2437A-3, 3556-3A, 3556B-3, 4362-3, 4940-3, 4981-3, 5170-3 & 5443-3

Dear Mr. Peterson:

I am writing to acknowledge receipt of your 2016 irrigation questionnaires.

You may disregard the January 20, 2017, "Notice" concerning reporting requirements for Water Right Nos. 2437A-3, 3556-3A, 3556B-3, 4362-3, 4940-3, 4981-3, 5170-3 & 5443-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

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



**DEPARTMENT of AGRICULTURE  
and NATURAL RESOURCES**

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

November 12, 2024

2437A-3, 3556A-3, 3556B-3,  
4362-3, 4940-3, 4981-3, 5170-3 & 5443-3

Jerald A Peterson  
46727 197<sup>th</sup> St  
Bruce SD 57220

Dear Mr. Peterson:

Enclosed are the 2024 Irrigation Questionnaires for Water Right/Permit Nos. 2437A-3, 3556A-3, 3556B-3, 4362-3, 4940-3, 4981-3, 5170-3 & 5443-3.

The questionnaires were originally mailed to you on October 23, 2024. However, based on your telephone call to our office notifying us that you had not received the forms, they have been re-mailed.

This is a time sensitive matter. Please complete and return the enclosed questionnaires or submit your reports online at <https://danr.sd.gov/iq/> using this password **YATGQK**.

Sincerely,

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

*enclosures*