

WATER PERMIT NO. 6698-3

Name of Applicant: JH Gunderson/GA Schiefen/MB Gunderson

Address: 29875 443 Ave, Irene SD 57037 Phone: 605 263-3850

Amount of Water Claimed: no add'l water Total Acres: 135

Source of Water Supply: groundwater (one well)

Water to be used for: irrigation County: Yankton

Type of Waste Disposal System:

Location: 10 miles north of Yankton

PRIORITY Date Received: 2-13-06

Application/License Fee: \$300

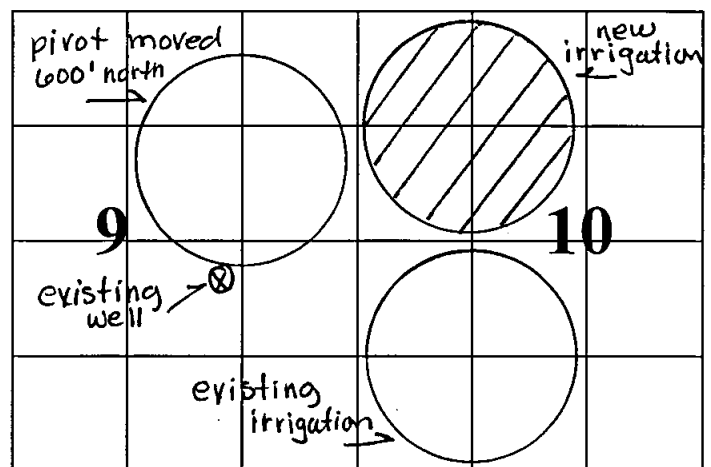
Corrected Application Received: 2-23-06

Period of Annual Use: May 1 – Sept 30

Remarks: Proposes to move existing pivot in Sec 9 - 600 feet north and irrigate an add'l 135 acres using existing well

Diversion Point: NW ¼ SE ¼ Sec 9-T95N-R55W

Land to be Irrigated: W ½ Sec 10; E ½ Sec 9; all in T95N-R55W



Depth of Well: 325 feet deep

Well Driller: : Wetmore Drilling

Remarks:

Type of Map: aerial

Prepared by: Marty L Bertsch, NRCS

Reviewed and the Number Assigned on: 2-23-06

By: Karen Schlaak

Notice of Hearing - date to intervene: _____

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>6698-3</u> (office use only)
	Hydrologic Unit <u>10/60011</u>
	Basin <u>James River</u>
	Newspaper <u>Daily Press + Dakotan, Yankton</u>

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FEB 13 2006
WATER RIGHTS
PROGRAM

Application For Permit To Appropriate Water For Irrigation

Type of Application: ☐ New ☐ Vested Right ☒ Amendment/Correction to Permit No. _____
(Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

Sec.9 Move pivot point 600' north
NW 1/4 Sec.10 Addpivot point for towable system.

- Name of Applicant JH Gunderson/GA Schiefen/NBGunderson Phone 605-263-3850
(check one) ☐ Owner ☐ Tenant/lessee
Mailing Address 29875 443 Ave, Irene, SD 57037 State SD
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed Same *CFS or Same **GPM ***AF Total Acreage 135
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply Well, located SE1/4 of Sec9, TW95-55
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County NW1/4 SE 1/4 Sec 9 - T95N - R55W
- County or counties where water will be used Yankton
- Annual period during which water is to be used May-September 30
- List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
(Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
Sec.9 E 1/2	135	Existing, but shifted pivotpoint	
Sec.10SW1/4	135	Existing Location	
Sec.10NW1/4	135	New Pivotpoint	

8. Give a description of the project. (Attach sheet if more space is needed)

See attached sheet.

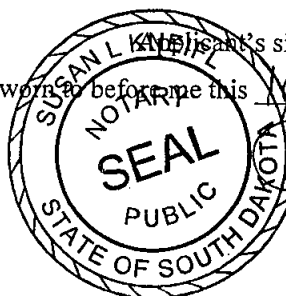
STATE OF SOUTH DAKOTA) SS

County of YANKTON

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Attach map and any other technical information. (see instructions)

I, JH Gunderson, the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.

Subscribed and sworn to before me this 10th day of February 2006



Applicant's signature JH Gunderson
Notary Public signature Susan L. Kneip
My Commission Expires 4-27-2011

**SOUTH DAKOTA
WATER PERMIT NO. 6698-3**

Date of first receipt of application February 13, 2006.

Date of return to applicant for corrections, amendments or changes February 13, 2006.

Date of receipt of corrected application February 23, 2006.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6698-3 to JH Gunderson / GA Schiefen / MB Gunderson, 29875 443 Ave, Irene SD 57037-9735 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 6698-3 amends Water Right No. 4091-3 by transferring a portion of the irrigated acreage and authorizes irrigation of additional acreage. Water Right No. 4091-3 appropriates 1.56 cubic feet of water per second from one well completed into the Lower James:Missouri Aquifer (325 feet deep) located in the NW ¼ SE ¼ Section 9 to irrigate 270 acres located in the S ½ NE ¼, N ½ SE ¼ Section 9 and SW ¼ Section 10; all in T95N-R55W. This permit authorizes irrigation of an additional 135 acres located in the NW ¼ Section 10-T95N-R55W using the existing well. This permit also authorizes moving the center pivot in Section 9 approximately 600 feet north to irrigate 135 acres located in the NE ¼, N ½ SE ¼ Section 9; T95N-R55W. No increase in the diversion rate is authorized.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: May 1 – September 30.
3. The date from which applicant may claim right is February 13, 2006.
4. The date of approval of Permit No. 6698-3 is April 17, 2006.
5. One-fifth of the construction is to be completed on or before October 17, 2008.
6. All construction is to be completed on or before April 17, 2011.
7. Water is to be put to beneficial use on or before April 17, 2015.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

By: Garland Erbele
Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

APR 25 2006
date



Form 2A **Supplemental Information**

(Complete applicable portions only)

USE EXISTING well (type or print in ink) J. Anderson

1. Well Information - Proposed Construction

- a) Drill Hole Diameter _____ Depth _____
- b) Casing Type _____ Diameter _____ Thickness _____
- c) Screen Type _____ Diameter _____ Thickness _____
- d) Gravel Pack _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material _____
- f) Depth to Water (ground surface to water level) _____
- g) Distance to nearest existing domestic well:

On applicants property _____ On property owned by others _____

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) _____
- b) System Capacity (gallons) _____ Year Constructed _____
- c) Connected to the City of _____ Sanitary System

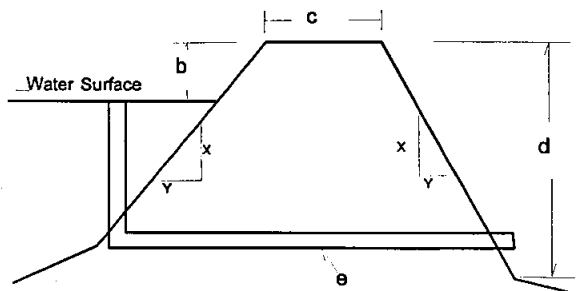
3. Dugout Information

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

4. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:



- b) Freeboard _____
- c) Crest Width _____
Crest Length _____
- d) Height _____
- e) Primary Outlet Capacity _____
If pipe, diameter _____
- f) Secondary Spillway Capacity _____
Spillway Width _____
- g) X & Y Slope _____
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date February 23, 20 06

RECEIVED OF Gunderson Consulting, 29875 443rd Ave., Irene SD 57037

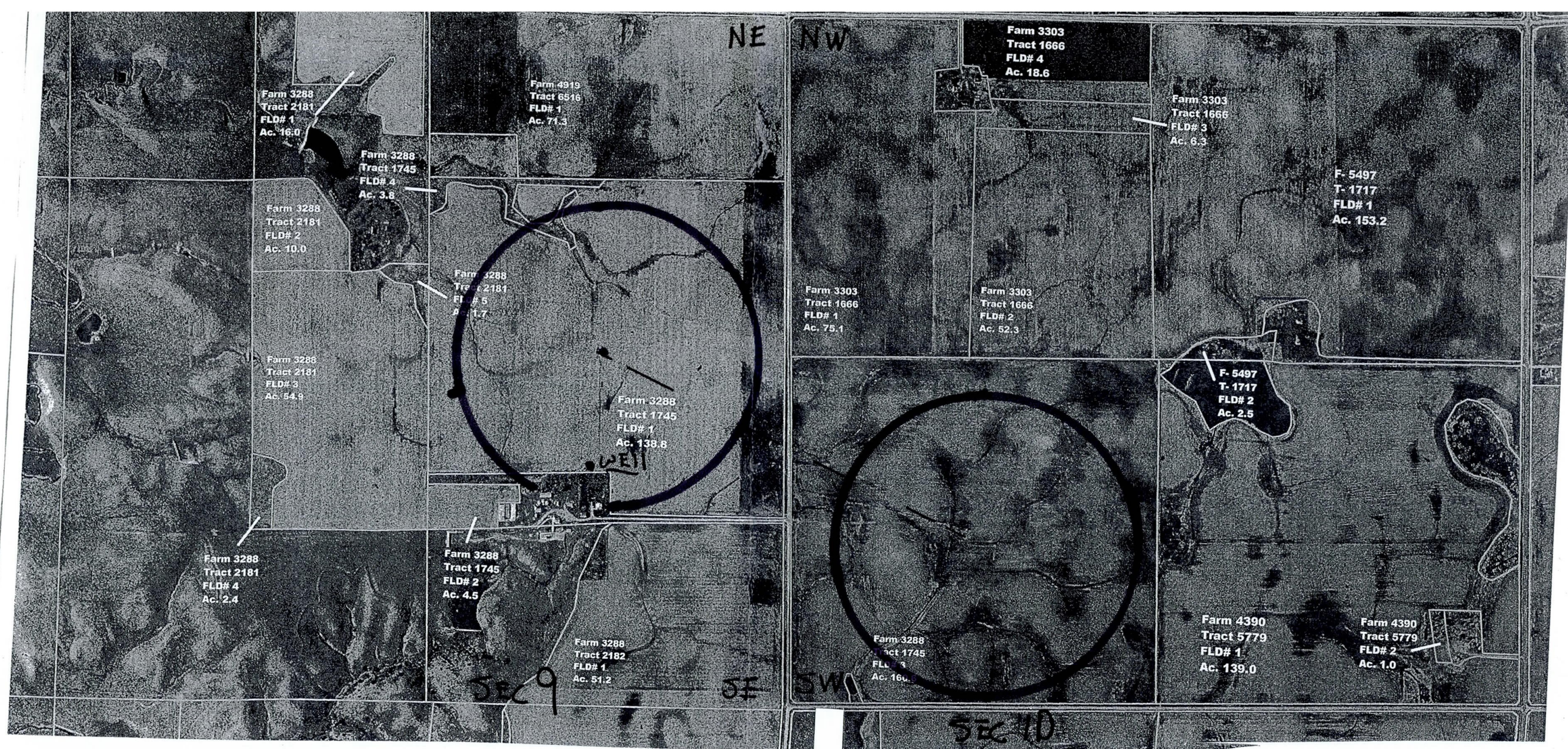
The following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>16698-3</u> to Appropriate Water, to construct and to put water to beneficial use	250	00
Fee for Application for Permit No. _____ to Appropriate Water for Future use		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>16698-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	300.00

No.

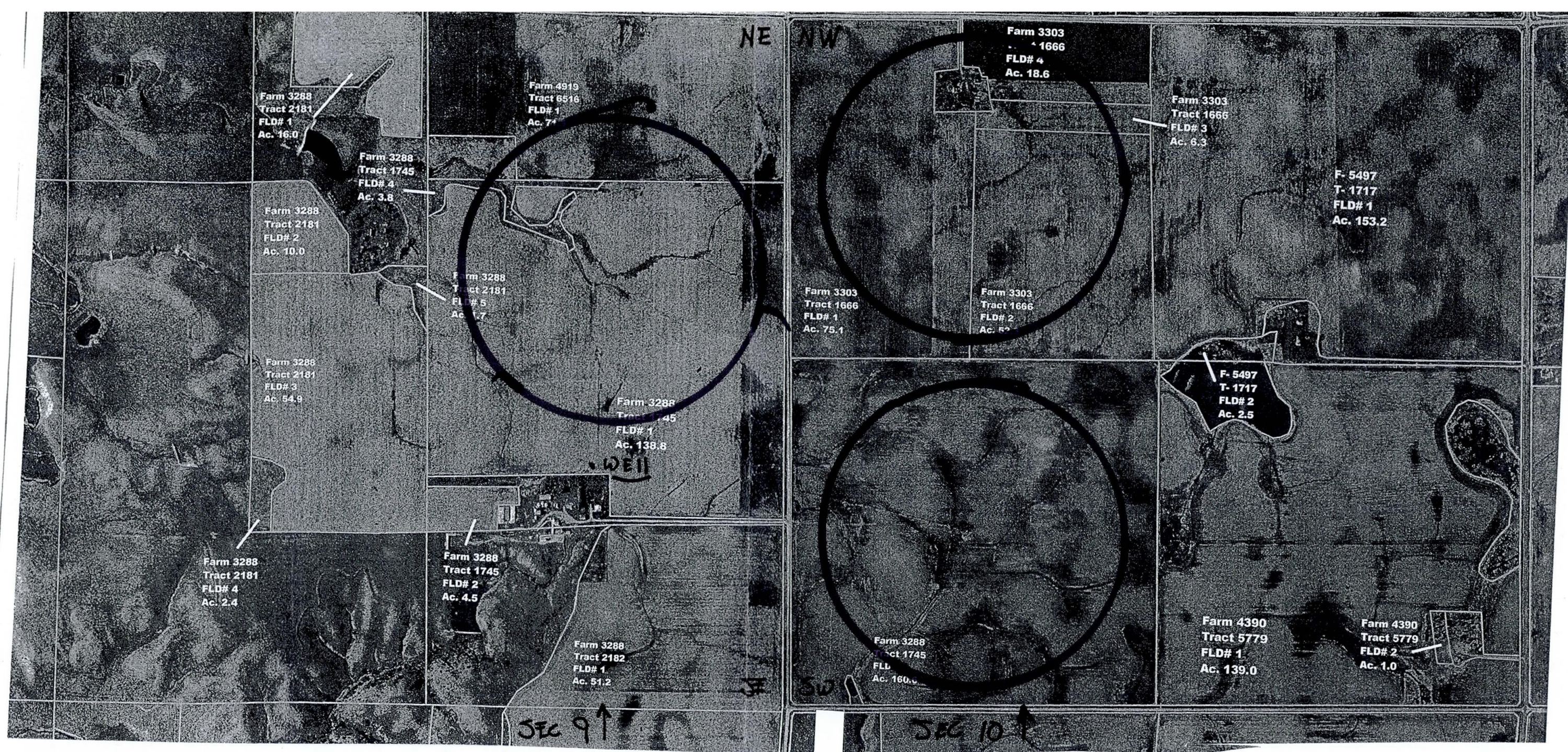
02305

By Darland Erbe
Chief Engineer gm



EXISTING IRRIGATION SYSTEM

GUNDERSON 95-55 SEC 9 & 10



PROPOSED IRRIGATION
GUNDERSON 95-55 SEC 9 + 10

Marty L. Bertsch
Soil Conservationist
Yankton NRCS

6 Feb 2006

Water Rights Board
Joe Foss Building
523 Capitol
Pierre, SD 57501-3181

605-773-3352

Amendment to existing Water Right
Gunderson
29875 443 Ave
Irene, SD 57037

605-263-3850

To the Board:

Section 8; Description of the project, Attachment

This is to extend the use of our existing water right to more effectively cover farmland. To do that:

We first propose moving the center point of the pivot, located in Section 9, 95-55 of the N $\frac{1}{2}$ of the SE $\frac{1}{4}$ and the S $\frac{1}{2}$ of the NE $\frac{1}{4}$, 9, 95-55, north approximately 600 feet, adding a section of the N $\frac{1}{2}$ Section 9, 95-55 to area irrigated. The existing center point has the pivot unable to irrigate a section of the quarter due to a tree grove. We used to get most of this quarter, but as the trees grew we have had to stop. This will be irrigated by a non-towable center pivot.

We currently irrigate all of the SW $\frac{1}{4}$ of Section 10 95-55. We propose adding a center point to the NW $\frac{1}{4}$ of Section 10 95-55. We plan to tow the center pivot from the SW $\frac{1}{4}$ to the NW $\frac{1}{4}$ of Section 10, 95-55.

We do not anticipate having to drill an additional well at this time.

In considering this project please consider:

- 1* The soil is well suited for supplemental irrigation. The soil conformation is a very heavy, silty clay loam. This soil has high water retention qualities.
- 2* We plan to use crop rotation between the three quarters.
- 3* More effective use of existing water right.

JH Gunderson



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

February 13, 2006

JH Gunderson
29875 443rd Ave
Irene SD 57037

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FEB 23 2006
WATER RIGHTS
PROGRAM

Dear Mr. Gunderson:

Thank you for submitting the *Application for a Permit to Appropriate Water* for irrigation in Yankton County. In order to complete the application, the following are required.

- Enclosed is the aerial photo map submitted with the application. The map must be signed by one of the following: Registered Land Surveyor, Registered Professional Engineer or by any other government employee who normally prepares maps as a part of his assigned duties (i.e. local NRCS office).
- Also enclosed is your check for \$490. The application/license filing fee is \$300.

If you have any questions, please contact me.

Sincerely,

Karen Schlaak

Karen Schlaak
Water Rights Program
605 773-3352
karen.schlaak@state.sd.us

enclosures

Karen

① Signed

② New correct check

Thanks, John

REPORT ON APPLICATION NO. 6698-3
For JH Gunderson, GA Schiefen and MB Gunderson
March 16, 2006

Application No. 6698-3 proposes to amend Water Right No. 4091-3 transferring a portion of the irrigated acreage and to irrigate additional acreage. Water Right No. 4091-3 appropriates 1.56 cubic feet of water per second (cfs) from one well completed in to the Lower James: Missouri Aquifer (approximately 325 feet deep) located in the NW ¼ SE ¼ Section 9 to irrigate 270 acres located in the S ½ NE ¼, N ½ SE ¼ Section 9 and SW ¼ Section 10; all in T95N R55W in Yankton County. This application requests irrigation of an additional 135 acres located in the NW ¼ Section 10, T95N R55W using the existing well. This application also proposes to move the center pivot in Section 9 approximately 600 feet north to irrigate 135 acres located in the NE ¼, N ½ SE ¼ Section 9, T95N R55W. No increase in the diversion rate is requested by this application.

AQUIFER – LOWER JAMES: MISSOURI (LJM)

The Lower James: Missouri Aquifer consists of mantled outwash (sand and gravels) under predominantly water table conditions in the area of this application. The aquifer underlies 92,500 acres and contains an estimated 2.08 million acre-feet of recoverable water in Yankton County (Hedges, 1982). The aquifer is hydraulically connected to the James River, Missouri River, Niobrara Formation and extends into Hutchinson County to the north, Bon Homme County to the west and into Clay County to the east (Bugliosi, 1986).

The Water Rights Program monitors eight observation wells located within a five mile radius of this location. The hydrographs for these wells all show the same characteristics with water levels indicating response to climatic conditions; that is, rising water levels during wet periods (recharge) and gradually declining water levels during dry periods. The water level record indicates that the Lower James: Missouri Aquifer is capable of sustaining additional withdrawals. A hydrograph for well YA-78C is included in this report and labeled as Figure 1. (Water Right, 2006).

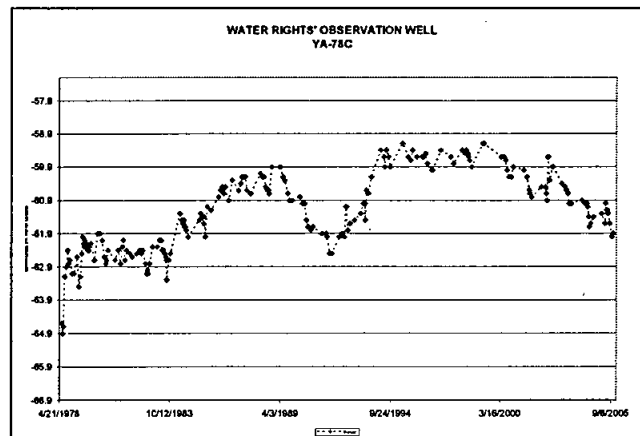


Figure 1. Hydrograph of observation well YA-78C.

There is a well drillers report on file for the irrigation well which will be used to supply water for this application. The report indicates clay from surface to 212 feet and coarse sand and gravel from 212 to 325 feet below land surface. The well was drilled in July, 1981 with a static water level of 180 feet and a total depth of 325 feet below land surface.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

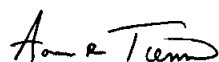
There are several existing Water Rights appropriating ground water within a five mile radius of this application. A list of the permits is included with this report labeled as Table 1. The nearest water right/permit from the Lower James: Missouri Aquifer is located approximately 3 ½ miles southwest of this application. This well is for Water Right No. 6205-3 (1.11 cfs for irrigation). The aquifer is under water table conditions in this area, interference is not expected to be a problem.

Table 1. Table identifying water rights within a five mile radius of the application.

PERMIT NO	LAST NAME	AQUIFER	USE	CFS
4867-3	SVENDSEN	LJM	IRR	2.28
6205-3	FROHREICH	LJM	IRR	1.11
6545-3	BROOM TREE RETREAT & CONFERENCE CENTER	DKOT	COM	0.667

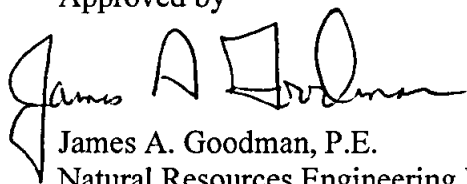
CONCLUSIONS

1. Water is available from the Lower James: Missouri Aquifer.
2. The aquifer is under water table conditions at this site. Drawdown created by pumping is not significant as shown by the observation well hydrograph. Interference should not be a concern.
3. Approval of this application would increase the acreage already authorized by Water Right No. 4091-3 by 135 acres and move the center pivot in Section 9 north approximately 600 feet. No increase in the diversion rate is requested by this application.
4. This is an existing well and information available from the well drillers report indicates that the well seems to be constructed in accordance with SD Well Construction Standards.



Aaron R. Tieman
Natural Resources Engineer

Approved by



James A. Goodman, P.E.
Natural Resources Engineering Director

BIBLIOGRAPHY

Bugliosi, E.F., 1986, Water Resources of Yankton County, South Dakota, Water Resources Investigations Report 84-4241, USGS, Huron, SD, 57350.

Hedges, L.S., 1982, Evaluation of Ground-Water Resources Eastern SD and Upper Big Sioux River, SD and Iowa, for US Army Corps of Engineers, SD DWNr, SDGS, Vermillion, SD, 57069.

Water Right, 2006, Unpublished Observation Well Data for Yankton County, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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www.state.sd.us/denr

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6698-3, JH Gunderson, GA Schiefen, MB Gunderson**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 6698-3, JH Gunderson, GA Schiefen, MB Gunderson, 29875 443 Avenue, Irene SD 57037 .

The Chief Engineer is recommending APPROVAL of Application No. 6698-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) it is in the public interest with the following qualifications:

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.

Garland Erbele, Chief Engineer
March 23, 2006

OK

AFFIDAVIT OF PUBLICATION

YANKTON DAILY PRESS AND DAKOTAN

DENR
Water Rights Program
Joe Foss Building
523 East Capitol
Pierre, SD 57501-3182

STATE OF SOUTH DAKOTA
COUNTY OF YANKTON

KELLY HERTZ BEING FIRST DULY SWORN ON OATH DEPOSES
AND SAYS THAT HE IS THE **MANAGING EDITOR** OF THE YANKTON
PRINTING COMPANY, A CORPORATION, THE PRINTER AND THE
PUBLISHER OF THE YANKTON DAILY PRESS AND DAKOTAN, A LEGAL
DAILY NEWSPAPER PRINTED AND PUBLISHED IN THE CITY OF YANKTON,
SAID COUNTY AND STATE, AND ONE OF THE OFFICIAL NEWSPAPERS OF
THE SAID **COUNTY** OF FACTS STATED IN THIS AFFIDAVIT; THAT THE
ANNEXED **Notice of Application No. 6698-3 to Appropriate Water**

TAKEN FROM THE PAPER IN WHICH IT WAS PUBLISHED IN THE
NEWSPAPER ON THE **6th** DAY OF **April**, 2006.
THAT THE FULL AMOUNT OF THE FEE CHARGED FOR THE PUBLICATION
OF SAID **NOTICE** TO WIT **\$151.20** ENSURES TO THE
BENEFITS OF THE PUBLISHER OF SAID NEWSPAPER AND THAT NO
AGREEMENT AND 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.

PUBLISHED ON: 3/30/2006, 4/6/2006

FILED ON: 4/6/2006

SUBSCRIBED AND SWORN TO BEFORE ME THIS **6th** DAY OF **April**, 2006.

Benjamin Child
NOTARY PUBLIC, SOUTH DAKOTA
MY COMMISSION EXPIRES **8/19/2009**

3+30&4+6

NOTICE OF APPLICATION NO. 6698-3 to Appropriate Water

Notice is given that JH Gunderson / GA Schiefen / MB Gunderson, 29875 443rd Ave, Irene SD 57037 have filed an application for a water permit to amend Water Right No. 4091-3 by transferring a portion of the irrigated acreage and to irrigate additional acreage. Water Right No. 4091-3 appropriates 1.56 cubic feet of water per second from one well completed into the Lower James:Missouri Aquifer (325 feet deep) located in the NW 1/4 SE 1/4 Section 9 to irrigate 270 acres located in the S 1/2 NE 1/4, N 1/2 SE 1/4 Section 9 and SW 1/4 Section 10; all in T95N-R55W. This application requests irrigation of an additional 135 acres located in the NW 1/4 Section 10-T95N-R55W using the existing well. This application also proposes to move the center pivot in Section 9 approximately 600 feet north to irrigate 135 acres located in the NE 1/4, N 1/2 SE 1/4 Section 9; T95N-R55W. This application also requests irrigation of an additional 135 acres located in the NW 1/4 Section 10-T95N-R55W using the existing well. No increase in the diversion rate is requested by this application.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6698-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by April 17, 2006.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application.

Steven M. Pirner,
Secretary, Department of Environment and Natural Resources.

RECEIVED

APR 10 2006

WATER RIGHTS
PROGRAM

Instruction to Newspaper - Publish first Notice on March 30, 2006 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6698-3 to Appropriate Water

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Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6698-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by April 17, 2006.

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DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

March 23, 2006

Daily Press & Dakotan
PO Box 56
Yankton SD 57078-0056

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 6698-3 to Appropriate Water to be published twice. Please publish the first notice on March 30, 2006 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is J H Gunderson/G A Schiefen/ MB Gunderson, 29875 443rd Ave, Irene SD (Ph # 605-263-3850).

Please send the Water Rights Program the first publication immediately. The publication is checked for accuracy so any corrections can be made in the second publication. You may use the form below or fax a copy of the first publication. Any fax should be sent to the attention of Karen Schlaak at (605) 773-4068. Publication errors can invalidate the public notice.

After the second publication, please send us an affidavit or use the enclosed Proof of Publication form. The applicant pays the cost of publication, but the Water Rights Program records require an affidavit or Proof of Publication. Delays in receiving the affidavit can be costly to the applicant.

Sincerely,


Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CUT HERE-----

No. 6698-3

TO: Eric Gronlund
Water Rights Program
Joe Foss Building
Pierre SD 57501-3181

Date _____

We are in receipt of your letter of March 23, 2006 enclosing Notice to Appropriate Water by Application No. 6698-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

NOTE: TO BE SURE OF PUBLICATION ON
THE CORRECT DATES, CONTACT
THE NEWSPAPER RIGHT AWAY.

March 23, 2006

J H Gunderson/ G A Schiefen / MB Gunderson
29875 443rd Ave
Irene SD 57037

Dear Mr. Gunderson:

Water Permit Application No. 6698-3 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Publisher of the Daily Press & Dakotan printed at Yankton, SD (Ph # 605-665-7811). You will need to contact the newspaper and authorize publication of this notice. For your information, a copy of the notice, the recommendation of the Chief Engineer and a report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice and to arrange for payment. Early contact with the paper can eliminate delays. Upon receiving authorization, the publisher has been instructed to publish your notice once each week for two consecutive weeks. The newspaper has also been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,


Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

APR 25 2006

J H Gunderson/ G A Schiefen / M B Gunderson
29875 443rd Ave
Irene SD 57037

Dear Mr. Gunderson:

Enclosed is Water Permit No. 6698-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use*, is enclosed. Please return this completed form after you have finished the system and have put the water to beneficial use. An investigation can then be scheduled so the water license may be issued, thus completing the acquisition of a water right.

An informational sheet *Common Water Right Questions?* is also enclosed. This sheet is intended to answer some of the questions associated with obtaining and keeping a water right.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

6698-3

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JUN 17 2013

WATER RIGHTS
PROGRAM

12 June 2013

Eric Gronlund
Water Rights Program, DENR
PMB 2020, JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SD, 57501-3182

605-773-3352
Eric.gronlund@state.sd.us

Dear Eric:

Enclosed please find the responses to the questions you and the Intervener had concerning some of my Irrigation Questionnaires. Concerning Water Rights 4061-3 and 6698-3, irrigation equipment for both permits:

- 1) The irrigation system located (Lockwood) on Sec 10-95-55 was and still is a towable system and was available to tow from the SW1/4 (Permit 4061-3) to the NW1/4. (Permit 6698-3).
- 2) We purchased a used (T/L) irrigation system dedicated to the NW1/4. (Permit 6698-3) in 2011, but were unable to move the (T/L) system to the new location in time for the 2012 irrigation season. The system on the SW1/4 (Permit 4061-3) was still available to tow, but we didn't have enough water to cover both permits, SW1/4 (Permit 4061-3), NW1/4 (Permit 6698-3).
- 3) In the fall of 2012 the (T/L) system was setup and tested, but no water was run through the system.
- 4) There is also a pivot associated with permit 4061-3 located on Sec 9-95-55.

Concerning the amount of water used and reported on the Yearly Irrigation Questionnaire for Water Rights 4061-3 and 6698-3.

I include the "Pump Curve" sheet provided by Dick Hammond of Hammond Wetmore Drilling. The Pump Curve Sheet indicates that the amount of water provided by the installed pump. The capacity of the installed pump is about 700 gallons per minute. Any other number, lessor or greater was an error on my part in remembering what that pump would actually deliver.

The error in reporting was mine. **The number should have been 700 gallons per minute on all reports.**

2008 WATER MANAGEMENT BOARD IRRIGATION QUESTIONNAIRE

Please fill out and return before December 1, 2008

Permit/Right No. 6698-3

Name John H Gunderson

Owner ☒

Operator ☐

Address 29875 443rd Ave

City, State, Zip Irene

SD

57037

Phone (605) 263-3850

1. Did you irrigate in 2008? *yes ☒ **no ☐

*If yes, number of acres irrigated 280.0

**If no, check reason(s) for not irrigating and proceed to the end of the questionnaire to submit your form:

sufficient moisture ☐ no water available ☐

system not constructed ☐ use abandoned ☐

enrolled in CRP ☐ through what year? _____

other ☐ please explain in comment box:

2. Source of water: well

3. Did you apply chemicals or fertilizer through the system in 2008? *yes ☒ no ☐

Comment Box:

12-2-2008: Mr. Gunderson submitted an irrigation questionnaire for Water Right No. 4091-3 and indicated that all irrigation for both No. 4091-3 and 6698-3 were reported on one form.

See 4091-3 for irrigation information for 2008.

Genny

Attention: Multiple irrigation permit holders!

If possible, please complete a separate questionnaire for each one of your water permits/rights. However, if you are unable to do this and you plan to report water usage for all your water permits/rights on one report, please answer the following:

☐ I am reporting the combined water usage under the following permits/rights:

List combined Permits/Rights

4091-3 and 6698-3

List any Permits/Rights under which no irrigation occurred

Did Not Tow System
No Irrigation Occurred On 6698-3

The water use reporting form is on the next page. If you need assistance, here is a sample completed form:

In June and July, 190 acres of alfalfa (130 acres) and soybeans (60 acres) were irrigated (alfalfa -- using center pivot @ 900 gpm for 5 days - 24 hours per day in June only); (beans -- using big gun @ 380 gpm for 8 days in June and for 10 days in July at 12 hours per day)

MONTH	CROP	ACRES	PUMP RATE	# DAYS	AVE/HRS DAY
JUNE	ALFALFA	130	900 GPM	5	24
	BEANS	60	380 GPM	8	12
JULY	BEANS	60	380 GPM	10	12

If you prefer to report your water use based on kilowatt-hours, please provide the following information:

of Kilowatt-hours _____

Operating pressure lb/sq.in. _____

Depth to water (feet) _____

Crop types irrigated and acres for each crop:

2009 Water Management Board Irrigation Questionnaire

Please fill out and return before **December 1, 2009**

(B)

REMEMBER! Return of this questionnaire is required whether or not you irrigated this year.

Return the completed form(s) to the Water Rights Program at 523 E Capitol, Pierre, SD 57501 3181 ph. (605) 773 3352 or send your form(s) electronically over the internet at <http://denr.sd.gov/iq.aspx>

Permit No. 6698-3

JOHN H GUNDERSON, MGR
29875 443RD AVE
IRENE SD 57037

Any address/ownership corrections?

Telephone No. 605 263 3850

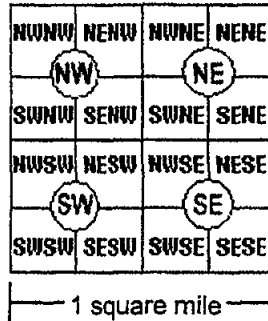
1. Did you irrigate in 2009? *yes ☐ **no ☐
*If yes, _____ acres were irrigated out of
the 135.00 acres covered by Permit No. 6698-3

**If no, check reason(s) for not irrigating:
sufficient moisture ☒ no water available ☐
system not constructed ☐ use abandoned ☐
enrolled in CRP ☐, through what year? _____
other ☐, please explain in the Comment Box:

Comment Box

Best Rain in years!
Did not need to tow
system

2. If your answer to question No. 1 is "no," you are done!
If you answered "yes," please complete Nos. 3, 4 & 5.
3. Did you apply chemicals or fertilizer through the
system in 2009? yes ☐ no ☒
4. If more than one water source is listed below, circle
each source used. A GROUNDWATER
5. Provide your water use on the back of this form.



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NOV - 2 2009
WATER RIGHTS
PROGRAM

Acreage permitted for irrigation under No. 6698-3

(see above section map for help reading legal descriptions)

sec 10-T095N-R55W, NW1/4 - 135.0 acres

Please provide your 2009 water use to irrigate the above acreage on the REVERSE side of this form.

2010 6698-3

C₂

Type of system used: center pivot ☐ towline ☐ big gun ☐ flood ☐ sprinklers ☐ other _____
 (check all that apply)

If more room is needed, copies of this page may be made or complete blank pages and attach to this form.

MONTH IRRIGATED	CROP TYPE	*NUMBER OF ACRES IRRIGATED	PUMP RATE IN GALLONS PER MINUTE	DAYS PER MONTH WATER WAS APPLIED	AVERAGE HOURS PER DAY
MARCH					
APRIL					
MAY					
JUNE	CORN	135	200	2	18
JULY	Should have reported these Acres on 4091				
AUGUST					
SEPTEMBER					
OCTOBER					

*Total number of acres irrigated should be the same as your answer in question No. 1 on reverse side of this form.

2011 Water Management Board Irrigation Questionnaire

Please fill out and return before December 2, 2011

REMEMBER! Return of this questionnaire is required whether or not you irrigated this year.

Return the completed form(s) to the Water Rights Program at 523 E Capitol, Pierre, SD 57501 3181 ph. (605) 773 3352 or send your form(s) electronically over the internet at <http://denr.sd.gov/iq.aspx>

Permit No. 6698-3

JOHN H GUNDERSON, MGR
29875 443RD AVE
IRENE SD 57037

Any address/ownership corrections?

Email _____
Phone _____

1. Did you irrigate in 2011? *yes ☐ **no ☒
*If yes, _____ acres were irrigated out of
the 135 acres covered by Permit No. 6698-3

**If no, check reason(s) for not irrigating:
sufficient moisture ☒ no water available ☐
system not constructed ☐ use abandoned ☐
enrolled in CRP ☐, through what year? _____
other ☒, please explain in the Comment Box:

Comment Box

Renters did not want to
irrigate

① did not tow system
② Dad Purchase USED system
so that we did not have to tow

2. If your answer to question No. 1 is "no," you are done!
If you answered "yes," please complete Nos. 3, 4 & 5.

3. Did you apply chemicals or fertilizer through the
system in 2011? yes ☐ no ☐

4. If more than one water source is listed below, circle
each source used. A. GROUNDWATER

5. Provide your water use on the back of this form.



NWNW	NENW	NWNE	NENE
NW			NE
SWNW	SENW	SWNE	SENE
NWSW	NESW	NWSE	NESE
SW			SE
SWSW	SESW	SWSE	SESE

1 square mile

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DEC 12 2011
WATER RIGHTS
PROGRAM

Acreage permitted for irrigation under No. 6698-3

(see above section map for help reading legal descriptions)

sec 10-T095N-R55W, NW1/4 - 135.0 acres

Please provide your 2011 water use to irrigate the above acreage on the REVERSE side of this form.

Patties

2012 Water Management Board Irrigation Questionnaire

Please fill out and return before **December 3, 2012**

(Handwritten initials and circled E)

REMEMBER! Return of this questionnaire is required whether or not you irrigated this year.

Return the completed form(s) to the Water Rights Program at 523 E Capitol, Pierre, SD 57501 3181 ph. (605) 773 3352 or send your form(s) electronically over the internet at <http://denr.sd.gov/iq.aspx>

Permit No. 6698-3

JOHN H GUNDERSON, MGR
29875 443RD AVE
IRENE SD 57037

Any address/ownership corrections?

Well is owned by John H Gunderson
Email mcok@iw.net
Phone 605 263 3850

1. Did you irrigate in 2012? *yes ☐ **no ☒
*If yes, _____ acres were irrigated out of the 135 acres covered by Permit No. 6698-3

**If no, check reason(s) for not irrigating:
sufficient moisture ☐ no water available ☒
system not constructed ☒ use abandoned ☐
enrolled in CRP ☐, through what year? _____
other ☐, please explain in the Comment Box:

2. If your answer to question No. 1 is "no," you are done!
If you answered "yes," please complete Nos. 3, 4 & 5.

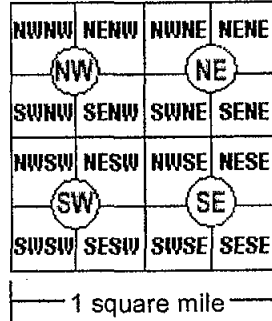
3. Did you apply chemicals or fertilizer through the system in 2012? yes ☐ no ☐

4. If more than one water source is listed below, circle each source used. A. GROUNDWATER

5. Provide your water use on the back of this form.

Comment Box

Did not have enough water
Did not tow system
Could not find installer
for new (used) system.



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WATER RIGHTS PROGRAM

Acreage permitted for irrigation under No. 6698-3

(see above section map for help reading legal descriptions)

sec 10-T095N-R55W, NW1/4 - 135.0 acres

Did set up and test new (used) system in
Fall of 2012. Dry Run w/ no water

Please provide your 2012 water use to irrigate the above acreage on the REVERSE side of this form.

For an example of a completed questionnaire, please refer to the reverse side of your cover letter.

2012

House + CR

Type of system used: center pivot ☒ towline ☐ big gun ☐ flood ☐ sprinklers ☐ other _____
(check all that apply)

If more room is needed, copies of this page may be made or complete blank pages and attach to this form.

MONTH IRRIGATED	CROP TYPE	*NUMBER OF ACRES IRRIGATED	PUMP RATE IN GALLONS PER MINUTE	DAYS PER MONTH WATER WAS APPLIED	AVERAGE HOURS PER DAY
MARCH	SPINACH	100	750 gpm	1	18
APRIL	CORN	135	900 gpm	4 Days	18
	CORN	135	900 gpm	4 Days	18
MAY	CORN	135	900 gpm	8 Days	18
	CORN	135	900 gpm	8 Days	18
JUNE	CORN	135	900 gpm	12	18
	CORN	135	900 gpm	12	18
JULY	CORN	135	900 gpm	16	24
	CORN	135	900 gpm	15	24
AUGUST	CORN	135	900 gpm	15	24
	CORN	135	900 gpm	16	24
SEPTEMBER	CORN	135	900 gpm	6	24
	CORN	135	900 gpm	6	24
OCTOBER					

*Total number of acres irrigated should be the same as your answer in question No. 1 on reverse side of this form.

House + QTR

2012 Water Management Board Irrigation Questionnaire

Please fill out and return before **December 3, 2012**

REMEMBER! Return of this questionnaire is required whether or not you irrigated this year.

Return the completed form(s) to the Water Rights Program at 523 E Capitol, Pierre, SD 57501 3181 ph. (605) 773 3352 or send your form(s) electronically over the internet at <http://denr.sd.gov/iq.aspx>

Permit No. 4091-3

JOHN H GUNDERSON
29875 443RD AVE
IRENE SD 57037

Any address/ownership corrections?

Well is owned by John H Gunderson.

Email macola@iw.net

Phone 605-263-8570

1. Did you irrigate in 2012? *yes ☒ **no ☐

*If yes, 270 acres were irrigated out of the 270 acres covered by Permit No. 4091-3

**If no, check reason(s) for not irrigating:

sufficient moisture ☐ no water available ☐

system not constructed ☐ use abandoned ☐

enrolled in CRP ☐, through what year? _____

other ☐, please explain in the Comment Box:

2. If your answer to question No. 1 is "no," you are done!
If you answered "yes," please complete Nos. 3, 4 & 5.

3. Did you apply chemicals or fertilizer through the system in 2012? yes ☒ no ☐

4. If more than one water source is listed below, circle each source used. A. GROUNDWATER

We have only one

5. Provide your water use on the back of this form.

Comment Box

*It was so bloody hot + dry
we couldn't keep up.*



NWNW	NENW	NWNE	NENE
NW			NE
SWNW	SENW	SWNE	SENE
NWSW	NESW	NWSE	NESE
SW			SE
SWSW	SESW	SWSE	SESE

1 square mile

Office use only

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NOV 15 2012
WATER RIGHTS
PROGRAM

Acreage permitted for irrigation under No. 4091-3

(see above section map for help reading legal descriptions)

sec 09-T095N-R55W, SW1/4NE1/4 - 34.00 acres

sec 09-T095N-R55W, SE1/4NE1/4 - 34.00 acres

sec 09-T095N-R55W, NE1/4SE1/4 - 34.00 acres

sec 09-T095N-R55W, NW1/4SE1/4 - 32.00 acres

sec 10-T095N-R55W, NW1/4SW1/4 - 34.00 acres

sec 10-T095N-R55W, NE1/4SW1/4 - 34.00 acres

sec 10-T095N-R55W, SW1/4SW1/4 - 34.00 acres

sec 10-T095N-R55W, SE1/4SW1/4 - 34.00 acres

Please provide your 2012 water use to irrigate the above acreage on the REVERSE side of this form.

For an example of a completed questionnaire, please refer to the reverse side of your cover letter.

2010 Water Management Board Irrigation Questionnaire

Please fill out and return before **December 3, 2010**

REMEMBER! Return of this questionnaire is required whether or not you irrigated this year.

Return the completed form(s) to the Water Rights Program at 523 E Capitol, Pierre, SD 57501 3181 ph. (605) 773 3352 or send your form(s) electronically over the internet at <http://denr.sd.gov/iq.aspx>

Permit No. 6698-3

JOHN H GUNDERSON, MGR
29875 443RD AVE
IRENE SD 57037

Any address/ownership corrections?

Email _____

Phone _____

1. Did you irrigate in 2010? *yes ☒ **no ☐
*If yes, _____ acres were irrigated out of
the 135.00 acres covered by Permit No. 6698-3

**If no, check reason(s) for not irrigating:
sufficient moisture ☐ no water available ☐
system not constructed ☐ use abandoned ☐
enrolled in CRP ☐, through what year? _____
other ☐, please explain in the Comment Box:

Comment Box

Rain!

Did Not Need to tow
system

2. If your answer to question No. 1 is "no," you are done!
If you answered "yes," please complete Nos. 3, 4 & 5.

3. Did you apply chemicals or fertilizer through the
system in 2010? yes ☒ no ☐

4. If more than one water source is listed below, circle
each source used. A. GROUNDWATER

5. Provide your water use on the back of this form.



NWNW	NENW	NWNE	NENE
NW		NE	
SWNW	SENW	SWNE	SENE
NWSW	NESW	NWSE	NESE
SW		SE	
SWSW	SESW	SWSE	SESE

1 square mile

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DEC -1 2010
WATER RIGHTS
PROGRAM

Acreage permitted for irrigation under No. 6698-3

(see above section map for help reading legal descriptions)

sec 10-T095N-R55W, NW1/4 - 135.0 acres

Please provide your 2010 water use to irrigate the above acreage on the REVERSE side of this form.

For an example of a completed questionnaire, please refer to the reverse side of your cover letter.

2008 WATER MANAGEMENT BOARD IRRIGATION QUESTIONNAIRE
Please fill out and return before December 1, 2008

John

Permit/Right No. 4091-3

Name John H Gunderson

Owner ☒

Operator ☐

Address 29875 443 Ave

City, State, Zip Irene SD 57037

Phone (605) 263-3850

1. Did you irrigate in 2008? *yes ☒ **no ☐

*If yes, number of acres irrigated 280.0

**If no, check reason(s) for not irrigating and proceed to the end of the questionnaire to submit your form:

sufficient moisture ☐ no water available ☐

system not constructed ☐ use abandoned ☐

enrolled in CRP ☐ through what year? _____

other ☐ please explain in comment box:

2. Source of water: Well

3. Did you apply chemicals or fertilizer through the system in 2008? *yes ☒ no ☐

Comment Box:

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DEC - 2 2008

WATER RIGHTS PROGRAM

Attention: Multiple irrigation permit holders!

If possible, please complete a separate questionnaire for each one of your water permits/rights. However, if you are unable to do this and you plan to report water usage for all your water permits/rights on one report, please answer the following:

☒ I am reporting the combined water usage under the following permits/rights:

List combined Permits/Rights

4091-3 and 6698-3

List any Permits/Rights under which no irrigation occurred

The water use reporting form is on the next page. If you need assistance, here is a sample completed form:

In June and July, 190 acres of alfalfa (130 acres) and soybeans (60 acres) were irrigated (alfalfa -- using center pivot @ 900 gpm for 5 days - 24 hours per day in June only); (beans -- using big gun @ 380 gpm for 8 days in June and for 10 days in July at 12 hours per day)

MONTH	CROP	ACRES	PUMP RATE	# DAYS	AVE/HRS DAY
JUNE	ALFALFA	130	900 GPM	5	24
	BEANS	60	380 GPM	8	12
JULY	BEANS	60	380 GPM	10	12

If you prefer to report your water use based on kilowatt-hours, please provide the following information:

of Kilowatt-hours _____

Operating pressure lb/sq.in. _____

Depth to water (feet) _____

Crop types irrigated and acres for each crop:

2008

Permit/Right No. 4091-3

Type of system: center pivot ☐ towline ☐ big gun ☐ flood ☐ sprinklers ☐ other _____

MONTH IRRIGATED	CROP TYPE	*NUMBER OF ACRES IRRIGATED	PUMP RATE IN GALLONS PER MINUTE	# DAYS PER MONTH WATER WAS APPLIED	AVERAGE HOURS PER DAY (not kilowatt- hrs)
*Total number of acres irrigated should add up to your response given in question No. 1.					
MARCH					
APRIL					
	Should be 700 GPM				
MAY					
JUNE	Soybeans	135.0	900	3.0	24.0
JULY	Corn	135.0	900	15.0	18.0
	Soybeans	135.0	900	4.0	18.0
	Corn	135.0	900	4.0	18.0
AUGUST	Corn	135.0	900	8.0	18.0
	Soybeans	135.0	900	8.0	18.0
SEPTEMBER	Corn	135.0	900	8.0	18.0
OCTOBER					

If you need more room or have additional comments, please use the following blank page.

-- Continue to the end of the next page to submit your completed questionnaire --

2013 WATER MANAGEMENT BOARD IRRIGATION QUESTIONNAIRE

Please fill out and return before December 2, 2013

Permit/Right No.

Name

John H. Gustafson

Owner ☒Operator ☐

Address

29875 443 AVE

Email

macdon@iw.net

City, State, Zip

DRENE

SD

57037

Phone

605 263 3850

1. Did you irrigate in 2013? *yes ☒ **no ☐

*If yes, number of acres irrigated? 370

**If no, check reason(s) for not irrigating and proceed to the end of the questionnaire to submit your form:

- ☐ sufficient moisture ☐ no water available
☐ system not constructed ☐ use abandoned
☐ enrolled in CRP, through what year? _____
☐ other, please explain in comment box: _____

2. Does this permit allow use of both ground water and surface water? *yes ☐ no ☒

*If yes, which source was used?

☒ ground (well), or ☐ surface, or ☐ both3. Did you apply chemicals or fertilizer through the irrigation system? yes ☒ no ☐

Comment Box:

Please SEE Attached sheet

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WATER RIGHTS
PROGRAM**Attention: Multiple irrigation permit holders!**

If possible, please complete a separate questionnaire for each one of your water permits/rights. However, if you are unable to do this and you plan to report water usage for all your water permits/rights on one report, please answer the following:

☒ I am reporting the combined water usage under the following permits/rights:

List combined Permits/Rights

4091-3

6698-3

List any Permits/Rights under which no irrigation occurred

7520-3

The water use reporting form is on the next page. However, if you prefer reporting your water use based on kilowatt-hours, please provide the following information and then proceed to the last page to submit this form.

of Kilowatt-hours

Crop types irrigated and number of acres for each crop:

Operating pressure lb/sq.in.

Depth to water (feet)

If you need more space, please provide the additional kilowatt-hours information on the last page of this form.

If you need assistance completing the water use information on the next page, here is a sample completed form:

In June and July, a total of 190 acres were irrigated -- 130 acres were alfalfa and 60 acres were corn:

Alfalfa -- using center pivot @ 900 gallons per minute (gpm) for 5 days in June only at 24 hours per day

Corn -- using big gun @ 380 gpm for 8 days in June and for 10 days in July at 12 hours per day

MONTH	CROP	ACRES	PUMP RATE (GPM)	# DAYS	AVE/HRS DAY
JUNE	ALFALFA	130	900	5	24
	CORN	60	380	8	12
JULY	CORN	60	380	10	12

For personal assistance please contact Genny McMath at (605) 773-3352 or by email at genny.mcmath@state.sd.us

AM
12-12-13

4091-3						
Month	Crop	Acres	GPM	Days	ave hrs/day	Total Pumpage (ac-ft)
Jul	Corn	260	700	17	24	54.4
	Beans	50	700	1	14.5	
Aug	Corn	260	700	8	23	26.4 56.4 <i>Don</i>
	Beans	50	700	1	20.5	
Sep	Corn	260	700	7	24	24.4
	Beans	50	700	1	21.5	
Yearly Total (ac-ft)						135.2 / 105.2

6698-3						
Month	Crop	Acres	GPM	Days	ave hrs/day	Total Pumpage (ac-ft)
Jul	Corn	75	700	6.5	21	20
	Beans	75	700	1	19	
Aug	Corn	75	700	2	18.5	5.9
	Beans	75	700	1	8.5	
Sep	Corn	75	700	2	19.5	8.6
	Beans	75	700	2	13.75	
Yearly Total (ac-ft)						34.5

Notes on Irrigation Questionnaire 2013

12/6/2013

The DENR Report form for the Yearly Irrigation Questionnaire wasn't designed for our situation. We have three pivots operating from one irrigation well, that serves two different permits. For simplicities sake, I enclose the spreadsheet covering our water usage for the season 2013.

The water pump is rated at 700 gallons per minute.

The irrigation plan is to put water on the driest dirt first, based on crop needs.

The date starts at midnight.

We have three pivots, Ole, Lena and Sven. Ole was 160 acres in corn. Lena was 50 acres in beans and 100 acres in corn. Sven was 75 acres in beans and 75 acres in corn.

The start/stop times are our best estimate. Factors affecting the start/stop times are primarily load control from the electric company and some sort of system failure of either the water pump or the pivot. Our normal procedure is when a pivot fails is to start another pivot and not shut down the water pump. This same procedure is used when a system has completed a circle.

Permit 7520-3 Activity

In July we finished construction on the well and installed a pump. The well performed well, 700 gpm. However, when the pump used for Permits, 4091-3 & 6698-3 was engaged there was significant reduction in the flow of the original well. The combination of both pumps only gained 100-175 gpm to the full system which was not considered worth the expense of completing the project at this location. We are investigating moving the diversion point to another location.

Irrigation Questionnaire 2013

11/18/2013 12:46

700 Gallons per minute

Permit Number:

All times are estimates/approximations.

Date	Pivot	Start	Stop	Time On	4091-3 Ole Corn	4091-3 Lena Corn	4091-3 Lena Beans	6698-3 Sven Corn	Sven Beans
4-Jul	Ole	7:00 AM	2:00 PM	7:00	7:00	0:00		0:00	
5-Jul	Ole	7:30 AM	8:30 PM	13:00	13:00	0:00		0:00	
5-Jul	Lena	8:30 PM	11:59 PM	3:29	0:00	3:29		0:00	
6-Jul	Lena	12:01 AM	12:00 AM	23:59	0:00	23:59		0:00	
7-Jul	Lena	12:01 AM	12:00 AM	23:59	0:00	23:59		0:00	
8-Jul	Lena	12:01 AM	12:00 AM	23:59	0:00	23:59		0:00	
9-Jul	Lena	12:01 AM	1:30 PM	13:29	0:00	13:29		0:00	
9-Jul	Lena	5:30 PM	12:00 AM	6:30	0:00	6:30		0:00	
10-Jul	Sven	12:00 PM	9:00 PM	9:00	0:00	0:00			9:00
11-Jul	Sven	5:00 AM	11:59 PM	18:59	0:00	0:00		18:59	
12-Jul	Sven	12:00 AM	8:30 PM	20:30	0:00	0:00		20:30	
12-Jul	Ole	8:30 PM	11:59 PM	3:29	3:29	0:00		0:00	
13-Jul	Ole	12:00 AM	11:59 PM	23:59	23:59	0:00		0:00	
14-Jul	Ole	12:00 AM	11:59 PM	23:59	23:59	0:00		0:00	
15-Jul	Ole	12:00 AM	9:00 PM	21:00	21:00	0:00		0:00	
15-Jul	Sven	9:00 PM	11:59 PM	2:59	0:00	0:00		2:59	
16-Jul	Sven	12:00 AM	7:30 AM	7:30	0:00	0:00		7:30	
16-Jul	Lena	7:30 AM	10:30 AM	3:00	0:00		3:00	0:00	
16-Jan	Lena	12:30 PM	11:59 PM	11:29	0:00		11:29	0:00	
17-Jan	Lena	12:00 AM	8:00 AM	8:00	0:00	8:00		0:00	
18-Jan	Lena	12:00 PM	4:00 PM	4:00	0:00	4:00		0:00	
18-Jul	Lena	8:00 PM	9:00 PM	1:00	0:00	1:00		0:00	
19-Jul	Lena	6:00 AM	9:00 AM	3:00	0:00	3:00		0:00	
19-Jan	Sven	9:00 AM	11:59 PM	14:59	0:00	0:00		14:59	
20-Jan	Sven	12:00 AM	1:00 AM	1:00	0:00	0:00		1:00	
20-Jul	Lena	1:00 AM	11:59 PM	22:59	0:00	22:59		0:00	
21-Jul	Lena	12:00 AM	2:00 PM	14:00	0:00	14:00		0:00	
21-Jul	Sven	2:00 PM	11:59 PM	9:59	0:00	0:00		9:59	
22-Jul	Sven	12:00 AM	8:00 PM	20:00	0:00	0:00		20:00	

July

22-Jul Lena	8:00 PM	11:59 PM	3:59	0:00	3:59	0:00	
23-Jul Lena	12:00 AM	6:30 AM	6:30	0:00	6:30	0:00	
23-Jul Ole	6:30 AM	11:59 PM	17:29	17:29	0:00	0:00	
24-Jul Ole	12:00 AM	11:59 PM	23:59	23:59	0:00	0:00	
25-Jul Ole	12:00 AM	11:59 PM	23:59	23:59	0:00	0:00	
26-Jul Ole	12:00 AM	11:59 PM	23:59	23:59	0:00	0:00	
27-Jul Ole	12:00 AM	11:00 PM	23:00	23:00	0:00	0:00	
27-Jul Lena	11:00 PM	11:59 PM	0:59	0:00	0:59	0:00	
28-Jul Lena	12:00 AM	11:59 PM	23:59	0:00	23:59	0:00	
29-Jul Lena	12:00 AM	9:00 AM	9:00	0:00	9:00	0:00	
29-Jul Ole	9:00 AM	12:00 PM	3:00	3:00	0:00	0:00	
29-Jul Sven	12:00 PM	11:59 PM	11:59	0:00	0:00		11:59
30-Jul Sven	12:00 AM	11:59 PM	23:59	0:00	0:00	23:59	
31-Jul Sven	12:00 AM	4:30 PM	16:30	0:00	0:00	16:30	
31-Jul Ole	5:00 PM	11:59 PM	6:59	6:59	0:00	0:00	

579:36:00 214:52:00 192:51:00 14:29:00 136:25:00

558:37:00

1-Aug Ole	12:00 AM	1:30 PM	13:30	13:30	0:00	0:00	
1-Aug Ole	10:00 PM	11:59 PM	1:59	1:59	0:00	0:00	
2-Aug Ole	12:00 AM	9:30 AM	9:30	9:30	0:00	0:00	
13-Aug Lena	9:00 AM	11:00 AM	2:00	0:00	2:00	0:00	
18-Aug Ole	6:00 PM	11:59 PM	5:59	5:59	0:00	0:00	
19-Aug Ole	12:00 AM	2:00 PM	14:00	14:00	0:00	0:00	
19-Aug Ole	10:00 PM	11:59 PM	1:59	1:59	0:00	0:00	
20-Aug Ole	12:00 AM	11:59 PM	23:59	23:59	0:00	0:00	
21-Aug Ole	12:00 AM	10:30 AM	10:30	10:30	0:00	0:00	
21-Aug Sven	10:30 AM	10:00 PM	11:30	0:00	0:00	11:30	
23-Aug Sven	8:30 PM	11:59 PM	3:29	0:00	0:00	3:29	
24-Aug Sven	12:00 AM	10:30 AM	10:30	0:00	0:00	10:30	
24-Aug Lena	10:30 AM	11:59 PM	13:29	0:00		0:00	13:29
25-Aug Lena	12:00 AM	2:30 PM	14:30	0:00	14:30	0:00	
25-Aug Lena	8:00 PM	11:59 PM	3:59	0:00	3:59	0:00	

2

26-Aug Lena	12:00 AM	2:30 PM	14:30	0:00	14:30	0:00	
26-Aug Lena	10:00 PM	11:59 PM	1:59	0:00	1:59	0:00	
27-Aug Lena	12:00 AM	2:30 PM	14:30	0:00	14:30	0:00	
28-Aug Sven	8:00 AM	4:30 PM	8:30	0:00	0:00	8:30	
28-Aug Sven	8:30 PM	11:59 PM	3:29	0:00	0:00	3:29	
29-Aug Sven	12:00 AM	8:00 AM	8:00	0:00	0:00	8:00	
29-Aug Lena	8:00 AM	3:00 PM	7:00	0:00	7:00	0:00	
29-Aug Lena	9:00 PM	11:59 PM	2:59	0:00	2:59	0:00	
30-Aug Lena	12:00 AM	11:00 AM	11:00	0:00	11:00	0:00	
30-Aug Ole	11:00 AM	11:59 PM	12:59	12:59	0:00	0:00	
31-Aug Ole	12:00 AM	11:59 PM	23:59	23:59	0:00	0:00	
				249:48:00	118:24:00	65:27:00	20:29:00
						36:58:00	8:30:00
						249:48:00	
1-Sep Ole	12:00 AM	11:59 PM	23:59	23:59	0:00	0:00	
2-Sep Ole	12:00 AM	1:00 PM	13:00	13:00	0:00	0:00	
2-Sep Sven	1:00 PM	11:59 PM	10:59	0:00	0:00	10:59	
3-Sep Sven	12:00 AM	11:59 PM	23:59	0:00	0:00	23:59	
4-Sep Lena	12:00 AM	2:00 PM	14:00	0:00	14:00	0:00	
4-Sep Lena	10:30 PM	11:59 PM	1:29	0:00	1:29	0:00	
5-Sep Lena	12:00 AM	6:00 AM	6:00	0:00	6:00	0:00	
5-Sep Sven	6:00 AM	1:30 PM	7:30	0:00	0:00	7:30	
6-Sep Lena	8:00 AM	1:30 PM	5:30	0:00	5:30	0:00	
6-Jan Lena	9:00 PM	11:59 PM	2:59	0:00	2:59	0:00	
7-Jan Lena	12:00 AM	1:30 PM	13:30	0:00	13:30	0:00	
7-Sep Lena	7:30 PM	11:59 PM	4:29	0:00	4:29	0:00	
8-Sep Lena	12:00 AM	11:59 PM	23:59	0:00	23:59	0:00	
9-Sep Lena	12:00 AM	2:00 PM	14:00	0:00	14:00	0:00	
9-Sep Ole	2:00 PM	11:59 PM	9:59	9:59	0:00	0:00	
10-Sep Ole	12:00 AM	9:00 AM	9:00	9:00	0:00	0:00	
10-Sep Sven	9:00 AM	11:59 PM	14:59	0:00	0:00	14:59	
11-Sep Sven	12:00 AM	9:00 AM	9:00	0:00	0:00	9:00	
11-Sep Ole	9:00 AM	11:59 PM	14:59	14:59	0:00	0:00	

3

12-Sep Ole	12:00 AM	11:59 PM	23:59	23:59	0:00	0:00
13-Sep Ole	12:00 AM	8:00 AM	8:00	8:00	0:00	0:00
13-Sep Sven	8:00 AM	8:15 AM	0:15	0:00	0:00	0:15
13-Sep Lena	8:15 AM	8:30 AM	0:15	0:00	0:15	0:00
			255:49:00	102:56:00	64:42:00	21:29:00
						39:13:00
						27:29:00
						255:49:00

4

**Report of Examination of Works and/or Application of Water to Beneficial Use
For Permit Nos. 6698-3 and 7520-3 and Licensed Water Right No. 4091-3**

I have this day, **July 27, 2021**, made a thorough examination of the water use systems constructed by **John H. Gunderson, 29875 443rd Avenue, Irene, SD 57037**, holder of Permit Nos. **6698-3 and 7520-3** and **Licensed Water Right No. 4091-3**, bearing the priority dates of **February 13, 2006, October 19, 2012 and July 18, 1977** **respectively**, authorizing the **total** diversion of **3.12** cu. ft. per second of the waters of **groundwater (Lower James: Missouri Aquifer)** for the **irrigation of a total of 405 acres** located in **Yankton** County.

Inspection contact: **John Gunderson**

A. Works used to divert the water:

Well Information:

Licensed Water Right No. 4091-3 Well

- 1) Well Drilling Firm: **Wetmore**
- 2) No. of Wells: **1**
- 3) Depth(s): **325** feet
- 4) Well log is available: **Yes**

Casing:

- 1) Diameter: **16** inches
- 2) Length: **Unknown**
- 3) Type: **Plastic**

Screen:

- 1) Diameter: **16** inches
- 2) Length: **Unknown**
- 3) Type: **PVC**
- 4) Static water level: **180** feet

Pump:

- 1) Make: **Grundfos**
- 2) Model: **625s600-3**
- 3) Capacity: **700** GPM

Motor:

- 1) Make: **Wilo**
- 2) Model No.: **Unknown**
- 3) Horsepower rating: **60** hp

Water Permit No. 7520-3 Well

- 5) Well Drilling Firm: **Wetmore**
- 6) No. of Wells: **1**
- 7) Depth(s): **280** feet
- 8) Well log is available: **No**

Casing:

- 4) Diameter: **10** inches
- 5) Length: **Unknown**
- 6) Type: **PVC**

Screen:

- 5) Diameter: **Unknown**
- 6) Length: **Unknown**
- 7) Type: **Unknown**
- 8) Static water level: **Unknown**

Pump:

None

Motor:

None

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

- | | | |
|----------------------------|----------------------------------|--|
| 1) Type: <u>PVC</u> | 2) Size: <u>10</u> inches | 3) Length: <u>1,340</u> feet from the well to the northwest pivot |
| 2) Type: <u>PVC</u> | 2) Size: <u>10</u> inches | 3) Length: <u>2,880</u> feet from the well to the southeast pivot |
| 3) Type: <u>PVC</u> | 2) Size: <u>10</u> inches | 3) Length: <u>2,500</u> feet from the SE pivot toe the NE pivot |

C. Works used to apply water to beneficial use:

Center Pivots:

Licensed WR No. 4091-3 (Northwest)

- 1) Make: Lockwood
- 2) Overall length: 1277 feet
- 3) Number of towers: 8
- 4) End gun: Yes
- 5) Capacity 700 GPM

Chemigation Equipment:

- 1) Does chemigate: No

Licensed WR No. 4091-3 (Southeast)

- 1) Make: Lockwood
- 2) Overall length: 1272 feet
- 3) Number of towers: 8
- 4) End gun: Yes
- 5) Capacity: 700 GPM

Chemigation Equipment:

- 1) Does chemigate: No

Water Right 6698-3 (Northeast)

- 1) Make: T&L
- 2) Overall length: 1272 feet
- 3) Number of towers: 8
- 4) End gun: Yes
- 5) Capacity: 700 GPM

Chemigation Equipment:

- 1) Does chemigate: No

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by: Yes
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period: Yes
- 3) Exceptions to compliance are: None

E. Condition and Location:

1. The system is in good condition with the point(s) of diversion located as follows:
The well for Licensed Water Right No. 4091-3 and for Water Right No. 6698-3 is located 1,510 feet west and 1,730 feet north of the southeast corner of Section 9-T95N-R55W (Latitude 43.05827, Longitude -97.34434 – NW1/4 of the SE1/4).
The well for Water Right No. 7520-3 is located 1,560 feet west and 1,750 feet north of the southeast corner of Section 9-T95N-R55W (Latitude 43.05834, Longitude -97.34454 – NW1/4 of the SE1/4).
2. The works are capable of diverting and conveying to the place of use 1.56 cu. ft. per second of water which is to be used for irrigation purposes. Water has been put to beneficial use to the maximum extent as follows: Licensed Water Right 4091-3 in the E1/2 of Section 9-T95N-R55W:

<u>NW1/4NE1/4</u>	<u>11 acres</u>
<u>NE1/4NE1/4</u>	<u>10 acres</u>
<u>SW1/4NE1/4</u>	<u>39 acres</u>
<u>SE1/4NE1/4</u>	<u>37 acres</u>
<u>NW1/4SE1/4</u>	<u>20 acres</u>
<u>NE1/4SE1/4</u>	<u>17 acres</u>

Licensed Water Right 4091-3 in the SW1/4 of Section 10-T95N-R55W:

<u>NW1/4SW1/4</u>	<u>34 acres</u>
<u>NE1/4SW1/4</u>	<u>32 acres</u>
<u>SW1/4SW1/4</u>	<u>32 acres</u>
<u>SE1/4SW1/4</u>	<u>31 acres</u>

Water Right 6698-3 in the NW1/4 of Section 10-T95N-R55W:

<u>NW1/4NW1/4</u>	<u>30 acres</u>
<u>NE1/4NW1/4</u>	<u>31 acres</u>
<u>SW1/4NW1/4</u>	<u>34 acres</u>
<u>SE1/4NW1/4</u>	<u>34 acres</u>

comprising a total of 263 acres of land for Licensed Water Right No. 4091-3 and 129 acres of land for Water Right No. 6698-3 for a total of 392 acres and the total flow rate should be remain at 1.56 cfs.

3. All structures, wells and lands on map: Yes

F. Comments or other permit(s) associated with the project: The northwest center pivot (east half of Section 9) associated with licensed Water Right No. 4091-3 has been relocated to the north of its previous location as per Water Right No. 6698-3. Water Right No. 6698-3 also added the northeast center pivot (NW1/4 of Section 10) to the system. The pivot in the SW1/4 of Section 10 was authorized by licensed Water Right No. 4091-3. All three center pivots are fed by the well authorized by licensed Water Right No. 4091-3. The underground piping between the well and the pivots is all ten-inch PVC, but where the pipes are above ground, they are six-inch metal.

Water Right No. 7520-3 authorized the use of a second well to help feed all three center pivots. The second well was originally drilled in 1981 as authorized by Water Right No. 4091-3, but they hit a rock at 280 feet and could not complete the well. This well was then used as a monitoring well and another well was developed for Water Right No. 4091-3. After Water Right No. 7520-3 was approved, the monitoring well was test pumped. However, the test pumping reduced the flow from the previously developed well, so the decision was made to not use this well for irrigation. Mr. Gunderson would like to keep this well in place for future possible use as a domestic well. The well does not have a pump or motor in it.

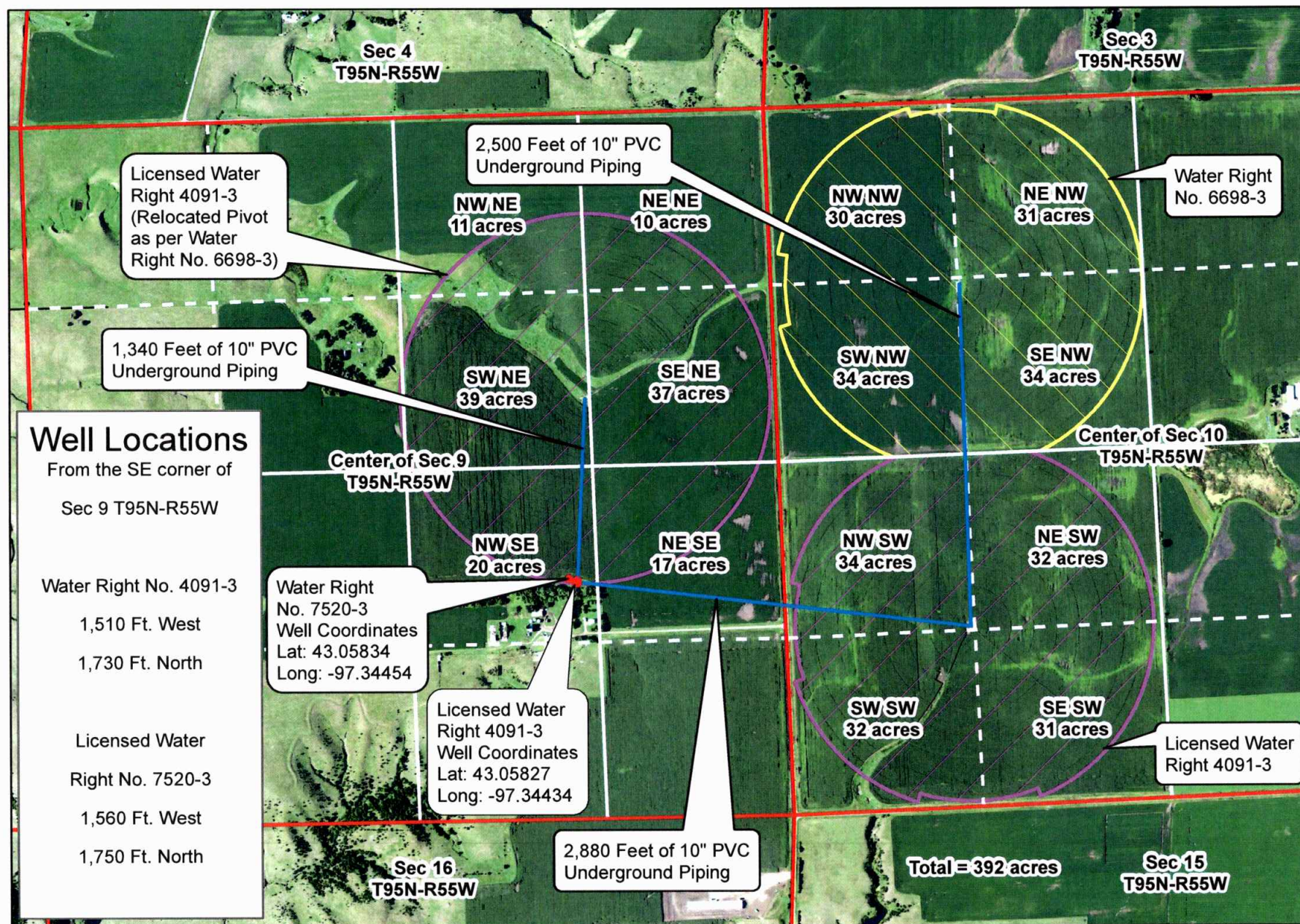
Mr. Gunderson also stated that two of the pivots were shortened by ten feet some years ago to keep the water in his fields. Thus, the irrigated acres could be different than what was originally licensed. Mr. Gunderson also stated that the pump and motor in the well has been replaced since the well was originally permitted. The new pump and motor information shown in this report was obtained from Dick Hammond with Heine Electric and Irrigation in Vermillion.

Keith DeJong

Keith DeJong
Water Rights Inspector
DANR, Water Rights Program

Date report completed: July 28, 2021

Water Right Nos. 6698-3 and 7520-3 and Licensed Water Right No. 4091-3



Keith DeJong

Keith DeJong, PE
 Staff Engineer
 July 27, 2021

6698-3



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

4091-3

6698-3

7520-3

AUG 02 2021

John Gunderson
29875 443rd Ave
Irene SD 57037

RE: Water License No. 6698-3, JH Gunderson, GA Shiefen and MB Gunderson

Dear Mr. Gunderson:

Enclosed is Water License No. 6698-3. Upon licensing, the applicable portions of Water Right No. 4091-3 were incorporated into No. 6698-3. This is the final water right document completing your process of obtaining a Water Right. Included with your license is a map prepared by the staff engineer who conducted the field investigation.

For your information SDCL 46-6-27 requires that if in the future, the owner of an existing well, 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, State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

Eric Gronlund, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

Note: With regard to Water Permit No. 7520-3, the staff investigation found the authorized well was not going to be used to supplement the irrigation system. No. 7520-3 will be scheduled for cancellation at a later date. The well can still be used for domestic purposes (household, lawn, garden, livestock) without a permit in place provided use does not exceed 18 gpm (which equates to 25,920 gallons per day).

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6698-3

(1) JH Gunderson, GA Schiefen, and MB Gunderson, 29875 443rd Ave., Irene SD 57037 made Application No. 6698-3, February 13, 2006 for a water permit to amend Water Right No. 4091-3 by transferring a portion of irrigated acreage and adding 135 acres to be irrigated from the existing well (Lower James Missouri Aquifer), in Yankton County, South Dakota. Permit No. 6698-3, with a priority date of February 13, 2006 was approved April 17, 2006 and issued to the applicants for diversion of water with construction of the described water supply system to be completed on or before April 17, 2011 and for the application to beneficial use of said water on or before April 17, 2015.

Water Right No. 4091-3, with a priority date of July 18, 1977, authorizes diversion of 1.56 cubic feet of water per second (cfs) to irrigate 270 acres in the E ½ Section 9 and SW ¼ Section 10, T95N, R55W. No. 6698-3 authorized the shifting of acreage in the E ½ Section 9, approximately 660 feet north of the current pivot location and included 135 additional acres in the NW ¼ Section 10. No. 6698-3 did not authorize an increase in the developed diversion rate of 1.56 cfs.

The applicable portions of Water Right No. 4091-3 have been incorporated into this Water License No. 6698-3. A priority date of July 18, 1977 is retained for 1.56 cfs and acreage in the E ½ Section 9 and the SW ¼ Section 10, T95N, R55W. A priority date of February 13, 2006 is retained for the acreage irrigated in the NW ¼ Section 10, T95N, R55W.

(2) It is certified that the permit holders have 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 1.56 cubic feet of water per second for beneficial use. The location of the diversion point is:

- 1,510'W and 1,730'N of the SE corner of Section 9, T95N, R55W (NW ¼ SE ¼ Sec 9)
Latitude 43.05827, Longitude -97.34434

(3) The permit holders have complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate the following land:

Section 9, T95N, R55W		Section 10, T95N, R55W			
NW ¼ NE ¼	11 acres	NW ¼ SW ¼	34 acres	NW ¼ NW ¼	30 acres
NE ¼ NE ¼	10 acres	NE ¼ SW ¼	32 acres	NE ¼ NW ¼	31 acres
SW ¼ NE ¼	39 acres	SW ¼ SW ¼	32 acres	SW ¼ NW ¼	34 acres
SE ¼ NE ¼	37 acres	SE ¼ SW ¼	31 acres	SE ¼ NW ¼	34 acres
NW ¼ SE ¼	20 acres				
NE ¼ SE ¼	17 acres				

Total of 392 acres

The E ½ Section 9 and SW ¼ Section 10 carry a priority date of July 18, 1977 as established by No. 4091-3
The NW ¼ Section 10 carries a priority date of February 13, 2006 as established by No. 6698-3

continued

(4) Pursuant to South Dakota Water Law 46-5-30.1 JH Gunderson, GA Schiefen, and MB Gunderson, 29875 443rd Ave., Irene SD 57037 the holders and/or owners of Incorporated Water Right No. 6698-3 is issued a license to appropriate water, the right to use 1.56 cubic feet of water per second from ground water, one well (Lower James Missouri Aquifer) with priority dates of July 18 1977 (1.56 cfs & 263 acres) and February 13, 2006 (129 acres) from the location specified in (2) of this license for irrigation purposes.

- The well approved under this water right will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this water right shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
- This Water Right is approved subject to the irrigation water use questionnaire being submitted each year.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 6698-3 and subject to the following qualifications:

Eric Gronlund

Eric Gronlund, Chief Engineer
Water Rights Program
Department of Agriculture and Natural Resources

AUG 09 2021

date





**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

August 9, 2021

6698-3

John Gunderson
29875 443rd Ave
Irene SD 57037

Dear Mr. Gunderson:

I am writing in follow-up to our phone conversation concerning the spelling error on the license and the need for an ownership change. The license has been corrected with a new copy enclosed.

Enclosed is a partially completed "Notice of Transfer of Ownership" form for use in filing an ownership change. Please review and complete as needed. Upon completion, please sign and return the form to our office with a required filing fee of \$50. The check or money order for the fee can be made payable to the Water Rights Program.

If I can answer any questions for you, please let me know.

Sincerely,

Genny McMath
Water Rights Program
605 773-3352
Genny.mcmath@state.sd.us

enclosures

6698-3

RECEIPT

WATER RIGHTS PROGRAM South Dakota Department of Agriculture and Natural Resources

Date January 12, 2022

RECEIVED OF John Gunderson/Grace Schiefen 29875 443rd Ave., Irene SD 57037

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	\$ _____
Fee for Application for Permit No. _____ to Appropriate Water for Future use	\$ _____
Fee to retain Future Use Permit No. _____ after period of seven years.	\$ _____
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____	\$ _____
Fee for Filing Transfer Form <u>6698-3</u>	\$ <u>50.00</u>
Fee for _____	\$ _____
Fee for Issuing New Well Driller's License No. _____	\$ _____
Fee for Renewal of Well Driller's License No. _____	\$ _____
Fee for Issuing Well Pump Installer's License No. _____	\$ _____
Fee for Renewal of Well Pump Installer's License No. _____	\$ _____
(Any Other Work Provided by Law) TOTAL	\$ <u>50.00</u>

By Eric Gronlund
Chief Engineer

me

mailed
1/10/2022
w/ \$50.00 (91441#)

PAID

JAN 12 2022

Ck# 9144

NOTICE OF TRANSFER OF OWNERSHIP

RECEIVED

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

JAN 12 2022

WATER RIGHTS
PROGRAM

No. 6698-3

Date: _____

I/We request that Water Right No. 6698-3

formerly owned by: JH Gunderson, GA Schiefen and MB Gunderson

be transferred to: (name & address) JH GUNDERSON and GRACE ANN SCHIEFEN

Telephone No. _____

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

392 acres - NE 1/4, N 1/2 SE 1/4 Section 9; W 1/2 Section 10, T95N, R55W

I/We understand that the validity of Water Right No. 6698-3 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

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

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

GRACE ANN SCHIEFEN &
I/We JOHN H GUNDERSON, the new owner, certify that the above information is true and correct.

GRACE ANN SCHIEFEN
JOHN H GUNDERSON
(Signed by new owner)

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

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



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

January 13, 2022

6698-3

J H Gunderson
Grace Ann Schiefen
29875 443rd Ave
Irene SD 57037

John and Grace:

I am writing to acknowledge receipt of the transfer form and filing fee you submitted for changing ownership on Water Right No. 6698-3.

The ownership change has been completed. Water Right No. 6698-3 formerly listed as J H Gunderson, G A Schiefen and M B Gunderson is now listed under **J H Gunderson and Grace Ann Schiefen.**

Enclosed for your records is a receipt for the filing fee that was paid. Thank you for updating the water right and if you have any questions, please let me know.

Sincerely,

Genny McMath
Water Rights Program
605 773-3352
Genny.mcmath@state.sd.us

enclosure