

WATER PERMIT NO. 6032-3

Name of Applicant: **Donald G Jorgensen**

Address: **RR 1 Box 657, Jefferson SD 57038**

Phone: **605 966-5645**

Amount of Water Claimed: **1.29** ~~0.72~~ cfs

Total Acres: **50 acres**

Source of Water Supply: **groundwater (one well)**

Water to be used for: **irrigation**

County: **Union**

Type of Waste Disposal System: **NA**

Location: **5 miles southwest of Jefferson**

PRIORITY

Date Received: **1-14-98**

Fee: **\$150.00**

Corrected Application Received:

Period of Annual Use: **April 1 - September 30**

Remarks:

Diversion Point: **SE 1/4 NE 1/4**

Sec 9-T89N-R49W

Land to be Irrigated: **N 1/2 NE 1/4,**

SE 1/4 NE 1/4 Sec 9-T89N-R49W

Depth of Well: **100 feet deep**

Well Driller:

Remarks:

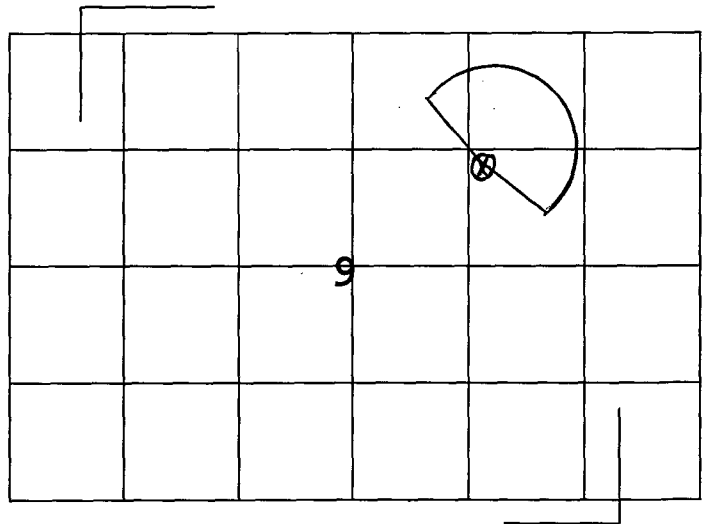
Type of Map: **plat**

Prepared by: **Donald Jorgensen, P.E.**

Reviewed and the Number Assigned on: **1-14-1998**

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____



SOUTH DAKOTA
WATER PERMIT NO. 6032-3

Date of first receipt of application January 14, 1998.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6032-3 to Donald G Jorgensen, RR 1 Box 657, Jefferson SD 57038 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. 6032-3 appropriates 1.89 cubic feet of water per second from one well (Missouri:Elk Point Aquifer) 100 feet deep located in the SE 1/4 NE 1/4 Section 9 to irrigate 50 acres located in the N 1/2 NE 1/4, SE 1/4 NE 1/4 Section 9; all in T89N-R49W.
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: April 1 - September 30.
3. The date from which applicant may claim right is January 14, 1998.
4. The date of approval of Permit No. 6032-3 is March 9, 1998.
5. One-fifth of the construction is to be completed on or before September 9, 2000.
6. All construction is to be completed on or before March 9, 2003.
7. Water is to be put to beneficial use on or before March 9, 2007.
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. The well authorized by Permit No. 6032-3 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. Pursuant to SDCL 46-5-6, Permit No. 6032-3 authorizes a maximum diversion rate of 1.89 cfs. Diversions authorized by Water Permit No. 6032-3 may not exceed 2 acre feet of water per acre per year.
4. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

By: _____

John Hatch
John Hatch, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

APR 20 1998

_____ date



FORM 2: Application for irrigation in South Dakota
(type or print)

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	(office use only) No. <u>6032-3</u> Hydrologic Unit <u>10170203</u>
	Basin <u>Sioux River</u>
	Newspaper <u>Elk Point Leader Courier, Elk Point, SD</u>



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.) _____

- Name of Applicant DONALD G. JORGENSEN Phone 605 966-5645
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address RR1, Box 657 Pefferson State SD 57038
(Street, RR. or Box) (Zip Code)
850
325
- Amount of water claimed 1.89 *CFS or 850 **GPM 325 ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (**Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply MISSOURI-ELKPOINT ALLUVIAL-GLACIAL AQUIFER
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) ONE WELL IN
NE 1/4, SE 1/4, NE 1/4 SECTION 9, T.89N., R.49W.
County UNION
- County or counties where water will be used UNION
- Annual period during which water is to be used APRIL-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
NW 1/4, NE 1/4, SECTION 9	6		
NE 1/4, NE 1/4, SECTION 9	26		
SE 1/4, NE 1/4, SECTION 9	18		
All in T89N-R49W Total	50		

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

FOR CROP IRRIGATION

STATE OF SOUTH DAKOTA) SS
County of _____)

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, DONALD JORGENSEN,

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.

Signed Donald Jorgensen

Subscribed and sworn to before me this 12 day of January 19 98

Shelva R. Ogan
Notary Public

Supplemental Information

(type or print in ink)



1. Well Information - Proposed Construction

- a) Drill Hole Diameter 22 INCH Depth 100 FEET
- b) Casing Type PLASTIC Diameter 16 INCH Thickness SCHEDULE 40
- c) Screen Type PLASTIC Diameter 16 INCH Thickness SCHEDULE 40
- d) Gravel Pack 3 INCH Length of Gravel Pack 40 FEET
- e) Depth to Top of Water Bearing Material 5 FEET
- f) Depth to Water (ground surface to water level) 15 FEET
- g) Distance to nearest existing domestic well: 3060 FEET

On applicants property _____ On property owned by others X _____

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 _____

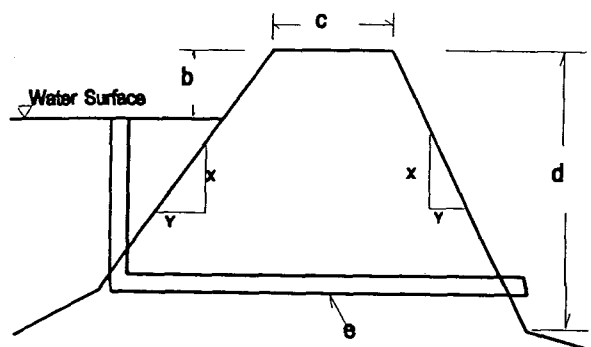
3. Dugout Information

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

4. Water Storage Dams

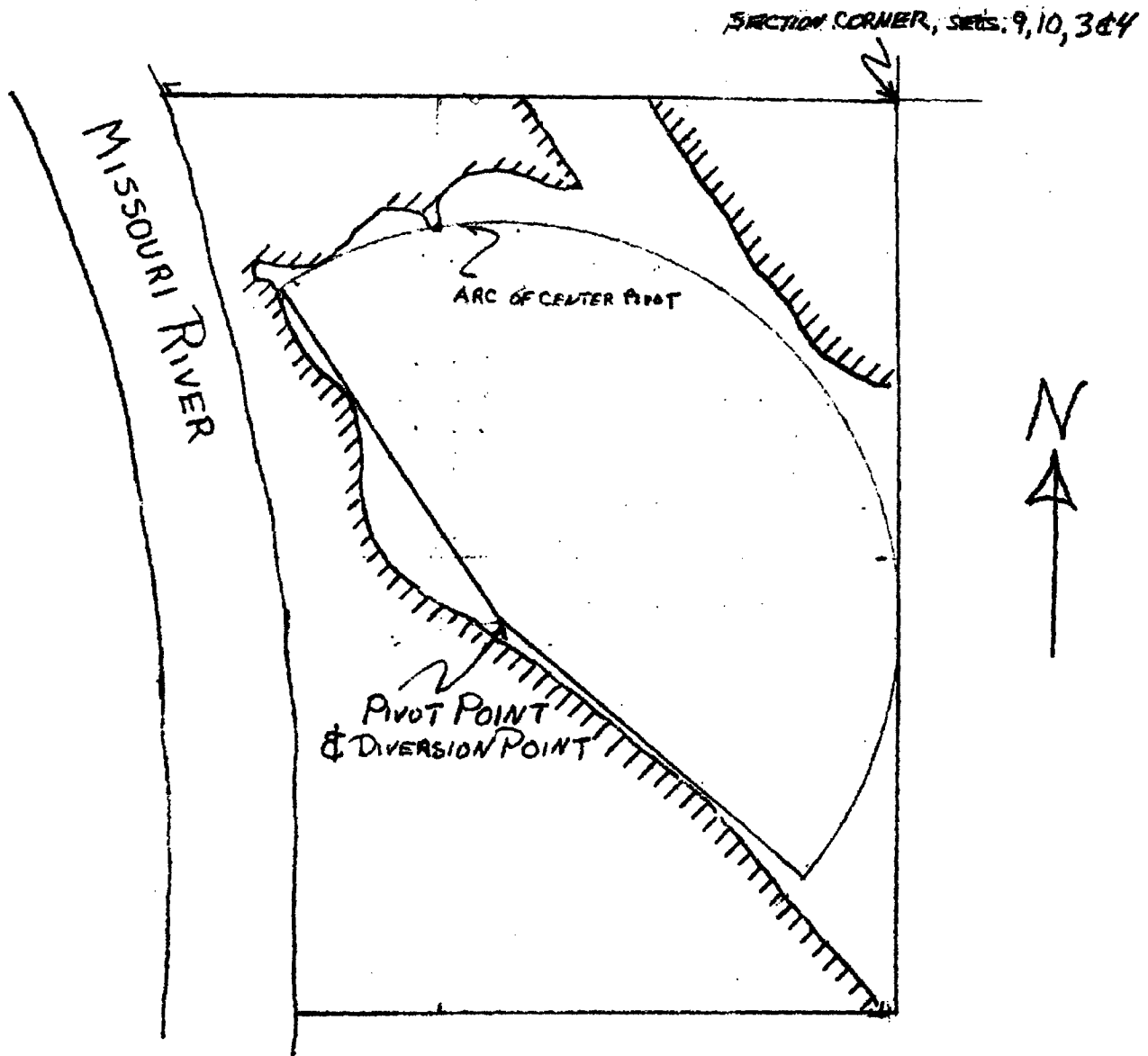
If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- 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

JORGENSEN IRRIGATION PROJECT IN NE SEC 9, T.89N, R.49 W



DIVERSION POINT

NW $\frac{1}{4}$, SE $\frac{1}{4}$, NE $\frac{1}{4}$ SEC. 9, T.89N., R.49W., UNION COUNTY

1" = 500'

Donald Jorgensen, P.E. #1701
10 January 1998



600-23

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

415595

Pierre, January 14, 19 98

RECEIVED OF Donald or Shirley Jorgensen, RR 1, Box 657, Jefferson, SD 57038
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>6032-3</u> to Appropriate Water, to construct and to put water to beneficial use _____	150	00
Fee for Application for Permit No. _____ to Appropriate Water, for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	150 00

By

Chief Engineer

John Hatch

Water Rights Program - DENR
Conversation File Documentation

NAME OF PERSON OR FILE: Water Permit Application No. 6032-3, Donald Jorgensen

ADDRESS: COUNTY: Union

DATE: February 5, 1998 TELEPHONE: 966-5645

RE: Call regarding diversion rate necessary to operate center pivot

COMMENTS:

I contacted Mr. Jorgensen regarding the diversion rate necessary to operate the center pivot. He stated that 850 gallons per minute is necessary to operate the pivot. I indicated that he should amend the application to be for 850 gpm because the method of irrigation requires greater than 1 cfs per 70 acres. This is due to the fact that the center pivot will not make a full rotation. He agreed with requesting 850 gpm.

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

NAME:



REPORT ON WATER PERMIT APPLICATION NO. 6032-3

for Donald G. Jorgensen

January 22, 1998

Application No. 6032-3 proposes to appropriate 1.89 cfs (850 gpm) from one well approximately 100 feet deep located in the SE 1/4 NE 1/4 of Section 9 to irrigate 50 acres located in the N 1/2 NE 1/4, SE 1/4 NE 1/4 of Section 9; all in T89N R49W in Union County.

AQUIFER - MISSOURI ELK POINT (M-EP)

The Missouri Elk Point is an alluvium mantled outwash (sand and gravel) which is under water table conditions in this area. The aquifer underlies 180 square miles and contains an estimated 1.5 million acre feet of recoverable water in storage in Union County (Niehus, 1994). Ground water movement is from northwest to southeast regionally but near the river ground flow is toward the river. The aquifer is hydraulically connected to the Missouri River and the well for this application is within one-half mile of the river.

No drill hole or test well information was submitted with the application but there is sufficient information available from the county study, Water Rights observation wells and other irrigation wells in this area to evaluate this application.

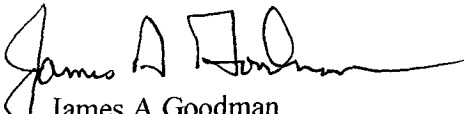
The Water Rights Program monitors an observation well, UN-77R, which is completed into the Missouri Elk Point aquifer and located about one-half mile east of this application. Water levels for this well show good response to climatic conditions, that is, rising during wet years (recharge) and gradually declining water levels during dry years. In general the water level record indicates the aquifer is capable of sustaining additional withdrawals (Water Rights, 1998). A hydrograph for observation well UN-77R is included with this report.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

There is one existing water permit located immediately north of this application. The well for this application and the existing permit will be approximately one-half mile apart. Interference is not a concern. The Missouri Elk Point is a very prolific aquifer system and drawdown created by pumping is not significant at this distance. The proximity of the Missouri River will also minimize drawdown potential.

CONCLUSIONS

1. Water is available from the Missouri Elk Point aquifer.
2. The aquifer is under water table conditions. Drawdown is not expected to significant due to nature of the aquifer and the close proximity to the Missouri River. Interference is not a concern.
3. The well authorized by this application must be constructed in accordance with SD Well Construction Standards.



James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

Niehus, C.A., 1994, Water Resources of Lincoln and Union Counties, South Dakota, USGS WRI 93-4195, USGS, Rapid City, SD, 57702.

Water Rights, 1998, Unpublished Observation Well Data for Union County, SD DENR, Division of Environmental Services, Water Rights Program, Pierre, SD, 57501.

WATER RIGHTS OBSERVATION WELL

UN-77R



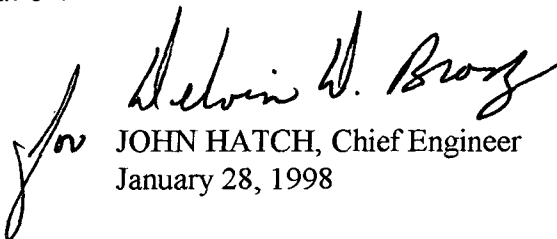
RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6032-3, Donald G. Jorgensen

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. 6032-3, Donald G. Jorgensen, RR 1 Box 657, Jefferson, SD 57038.

The Chief Engineer is recommending APPROVAL of Application No. 6032-3 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. The well authorized by Permit No. 6032-3 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. Pursuant to SDCL 46-5-6, Permit No. 6032-3 authorizes a maximum diversion rate of 1.89 cfs to operate a center pivot that will make less than one half of a rotation to irrigate 50 acres. Diversions authorized by Water Permit No. 6032-3 may not exceed 2 acre feet of water per acre per year.
4. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.


JOHN HATCH, Chief Engineer
January 28, 1998

NOTE: The recommended diversion rate of 1.89 cfs (850 gpm) is greater than the statutory limit of 1 cfs per 70 acres. The 1.89 cfs is being authorized pursuant to SDCL 46-5-6 to reflect the diversion rate necessary to operate the center pivot. The center pivot will make less than one half rotation.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

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

February 10, 1998

Donald G. Jorgensen
RR 1, Box 657
Jefferson, SD 57038

Dear Mr. Jorgensen:

Water Permit Application No. 6032-3 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the Elk Point Leader Courier printed at Elk Point, SD (Ph # (605) 356-3626). 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 of Hearing and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. The newspaper has 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**

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

February 10, 1998

Elk Point Leader Courier
Box 310
Elk Point, SD 57025-0310

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application No. 6032-3 to be published twice. Please publish the first notice on February 19, 1998, with the second publication 7 days later.

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 Donald G. Jorgensen, RR 1, Box 657, Jefferson, SD 57038 (Ph # (605) 966-5645).

A copy of BOTH publications must be SENT to the WATER RIGHTS PROGRAM. IMMEDIATELY return the FIRST publication with the FIRST Transmittal form on the bottom of this page. The first copy is needed to check the publication for errors so any corrections can be made in the second publication. Publication errors can invalidate the public notice and cause the applicant costly delays.

Please be sure the SECOND publication is returned IMMEDIATELY with the enclosed Proof of Publication form. DO NOT WAIT until the end of the month or the billing cycle. No action may be taken on the permit application until proof of publication has been received.

Sincerely,

Eric Gronlund
Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

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

FIRST TRANSMITTAL NOTICE

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

No. _____

Date _____

We are in receipt of your letter of _____ enclosing Notice of Hearing to Appropriate Water by Application No. _____ which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper

Instruction to Newspaper - Publish first Notice on February 19, 1998, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6032-3 to Appropriate Water

Notice is given that Donald G Jorgensen, RR 1, Box 657, Jefferson SD 57038 has filed an application for a water permit to appropriate 1.89 cubic feet of water per second from one well (Missouri:Elk Point Aquifer) 100 feet deep located in the SE 1/4 NE 1/4 Section 9 to irrigate 50 acres located in the N 1/2 NE 1/4, SE 1/4 NE 1/4 Section 9; all in T89N-R49W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6032-3 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 March 9, 1998.

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. Nettie H. Myers, Secretary, Department of Environment and Natural Resources.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)

County of Union) SS

I, Kelly Kruthoff

certify that the attached printed Notice was taken

from the Leader-Courier

printed and published in Elk Point

County of Union and

state of South Dakota. The notice was published

in the newspaper on the following two dates:

Feb 19 + 26, 1998

Cost of Printing 33.70

Kelly Kruthoff
(Signature)

Editor
(Title)

2-25-98
Date Signed)



**NOTICE OF APPLICATION
NO. 6032-3 TO
APPROPRIATE WATER**

Notice is given that Donald G. Jorgensen, RR1 Box 657, Jefferson, SD 57038 has filed an application for a water permit to appropriate 1.89 cubic feet of water per second from one well (Missouri: Elk Point Aquifer) 100 feet deep located in the SE1/4NE1/4 Section 9 to irrigate 50 acres located in the N1/2NE1/4, SE1/4NE1/4 Section 9; all in T89N-R49W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6032-3 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 of contesting the chief engineer's recommendation. The Chief Engineer's address is Water Rights Program, Foss Building, 523 E. Capitol, Pierre, SD 57051 (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 March 9, 1998.

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.

NETTIE MYERS, Secretary

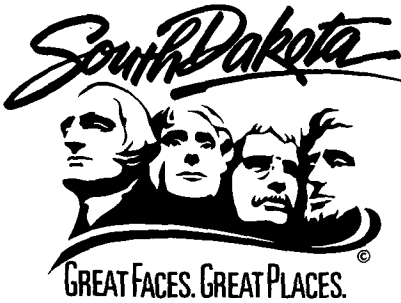
Department of

Environment and Natural Resources

Publish Feb. 19 and 26, 1998

32-5-61

33.70



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

APR 20 1998

Donald G. Jorgensen
RR 1, Box 657
Jefferson, SD 57038

Dear Mr. Jorgensen:

Enclosed is Water Permit No. 6032-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

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 Chief Engineer when you have completed the system and/or have put the water to beneficial use. An inspection can then be scheduled so that the Water License may be issued, thus completing your acquisition of a Water Right.

Very truly yours,

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

enclosures

PLEASE NOTE: Certain changes may be made to your water permit usually without affecting the priority date. The location of a point of diversion may be changed or additional points of diversion may be approved if the water source remains unchanged; no additional water is appropriated; and, if irrigating, no additional land is irrigated. The change may be allowed without application or publication, if the Water Rights Program is contacted and the chief engineer makes a finding that the change does not increase the potential for interference with existing diversions.

A new water permit application is required to change water sources, increase the permitted diversion rate, or increase the irrigated acreage. If the application is approved, the water permit will receive a new priority date.

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



Date 22 July

TO: Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

FROM: Donald Jorgensen 33599-479 Ave
(name) (address)
Jefferson So. Dak 57038 605-966-5645
(city) (state) (zip) (phone)

I have completed the construction of the water diversion system and I have put the water to beneficial use to the maximum extent it is going to be used. I have not exceeded the amounts specified in Water Permit No. 6032-3.

Water Permit No. 6032-3 states that the diversion system is to be constructed by 9 MARCH 2003, and that the water is put to beneficial use by
(date)

9 MARCH 2007
(date)

The diversion system was completed on 5 July 1998.
(date)

Applying the water to beneficial use was completed on 7 July 1998.
(date)

You may schedule an investigation so that the Water License may be issued.

Donald Jorgensen
(signature)

FIELD INVESTIGATION REPORT FOR PERMIT NO. 6032-3

DATE OF INVESTIGATION:	August 12, 1999
NAME & ADDRESS OF INVESTIGATION CONTACT/ RELATIONSHIP TO PERMIT HOLDER, IF APPLICABLE	
NAME & ADDRESS OF PERMIT HOLDER	Donald and David Jorgensen 33599 479th Avenue Jefferson SD 57038
DIVERSION POINT LEGAL LOCATION	approximately 1,380 feet south and 1,080 feet west (SE¼ NE¼) of the NE corner of Section 9, T89N, R49W

Other permit(s) associated with the project: _____

WELL INFORMATION:

- 1) Well Drilling Firm: Wetmore
- 2) No. of Wells one
- 3) Depth(s) 100 feet
- 4) Well log is available No
- 5) Comment: _____

Pump:

- 1) Make Ingersoll-Dresser
- 2) Model 10C Serial – 9804NG004392
- 3) Size _____
- 4) Capacity 650 GPM

* Has a Amarillo gear drive (40HP) – Serial No. S40B 201954

Casing:

- 1) Diameter 16 inches
- 2) Length ? feet
- 3) Type PVC Schedule 40

Screen:

- 1) Type PVC Schedule 40
- 2) Length ? feet
- 3) Static water level 15 feet

Motor:

- 1) Make Cummings Diesel
- 2) Model No. ?
- 3) Horsepower rating 100 hp

SYSTEM TYPE:

Center pivot:

- 1) Make T-L Irrigation
- 2) Overall length 1290 feet
- 3) Number of towers 8
- 4) Distance between towers _____ feet
- 5) End gun Yes
- 6) High or low pressure High

7) Capacity 650 GPM

CHEMIGATION EQUIPMENT:

- | | |
|--|---|
| 1) Does chemigate <u>Yes</u> * | 8) Injection check valve <u>Yes</u> |
| 2) Main line check valve <u>Yes</u> | 9) Injection line check valve or positive displacement pump <u>Yes</u> |
| 3) Inspection port/air relief <u>Yes</u> | 10) All chemigation equipment appears to be installed in the proper position and complies with chemigation laws and rules <u>Yes for the most part, however see comment below</u> |
| 4) Low pressure drain <u>Yes</u> | |
| 5) Discharge is 20' from source <u>not at inspection</u> | |
| 6) Interlock type <u>electrical</u> | |
| 7) Injection pump type <u>piston</u> | |
| | 11) Comments: _____ |

* Chemigation equipment is present but has not yet been used so is not fully set-up.

PERMIT QUALIFICATIONS:

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

COMMENT

- ◆ System had been operated the day prior to the licensing investigation
- ◆ Field was planted in soybeans
- ◆ The legal description uses the South Dakota survey.

Permit No. 6032-3
Sioux River - Water District

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

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

I have this day, August 12, 1999, made a thorough examination of the water use system constructed by Donald and David Jorgensen of 33599 479th Avenue, Jefferson SD 57038 holder of Permit No. 6032-3, bearing the priority of January 14, 1998 authorizing the diversion of 1.89 cu. ft. per second of the waters of Missouri:Elk Point Aquifer for irrigation purposes, in Union County.

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

A. Works used to divert the water:

A 100 HP Cumming Diesel powers an Amarillo gear drive to a Ingersoll-Dresser Pump

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

Well and diesel motor are at the center pivot

C. Works used to apply water to beneficial use:

A T-L irrigation center pivot that operates an approximate half circle

The system is in the following condition good. The point of diversion is located approximately 1,380 feet south and 1,080 feet west (SE ¼ NE ¼) of the NE corner of Section 9, T89N, R49W. The works are capable of diverting and conveying to the place of use 1.45 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 9, T89N, R49W

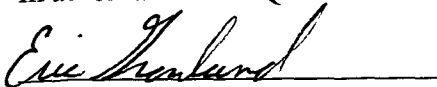
NW ¼ NE ¼	7 acres
NE ¼ NE ¼	26 acres
SE ¼ NE ¼	17 acres

comprising a total of 50 acres of land and the license should be issued for 1.45 cfs.

Applicable permit qualifications have been complied with: Yes X No

Exceptions to compliance are: none Date Report Completed: September 8, 1999

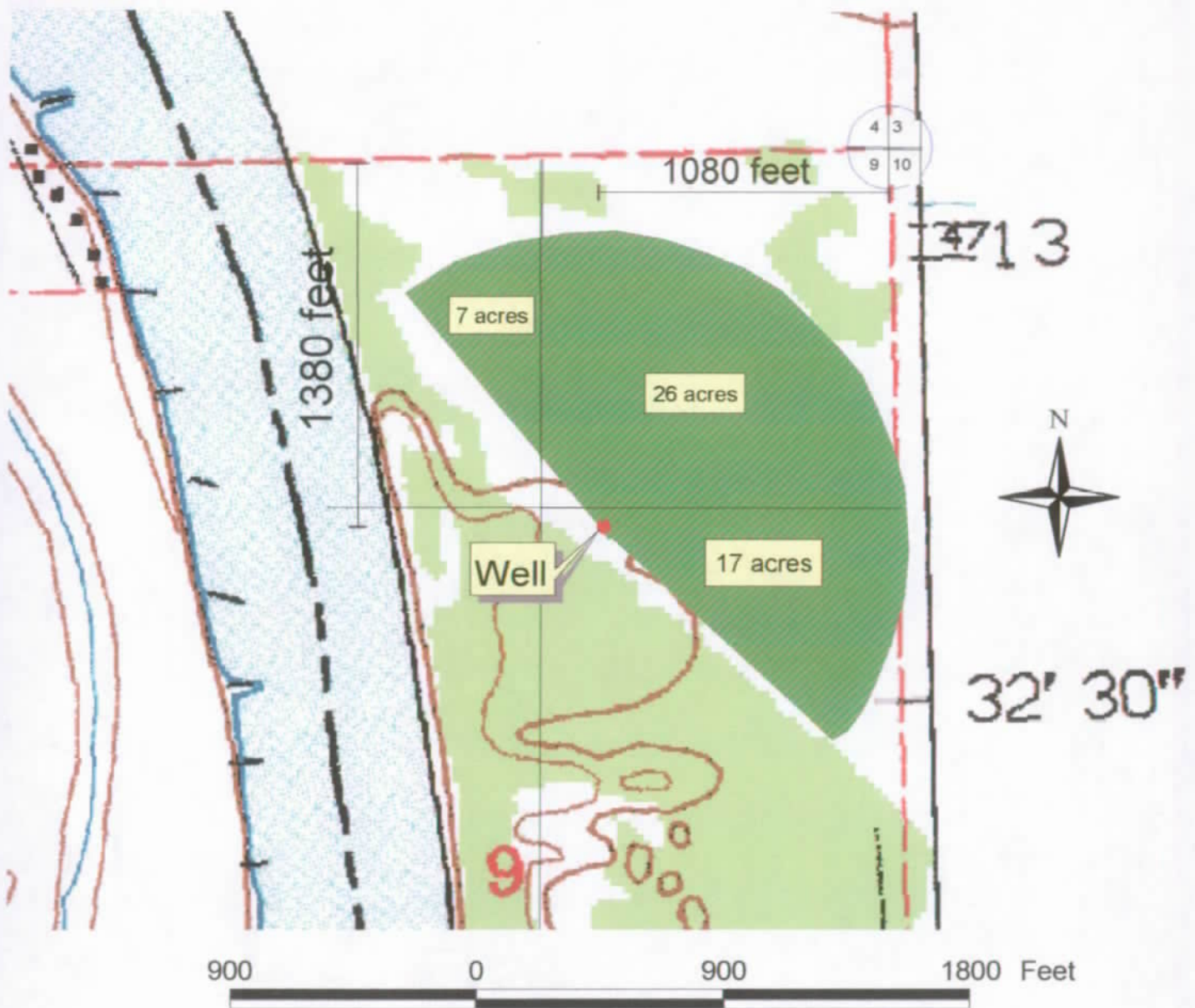
In accordance with Qualification No. 3, this permit authorizes greater than the 1 cfs/70 acre rate.



Eric Gronlund

Natural Resources Engineer

DENR, Water Rights Program



Well Location - approx. 1,380' South &
1,080' West of NE Corner Sec. 9, T89N, R49W
Irrigated acres
NW NE Sec. 9 - 7 acres
NE NE Sec. 9 - 26 acres
SE NE Sect. 9 - 17 acres

South Dakota Department of
Environment and Natural Resources



Protecting South Dakota's Tomorrow ... Today

Eric Gronlund

Eric Gronlund
Water Rights Program
Licensing Investigation
Conducted - August 12, 1999



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

September 9, 1999

5991-3
6032-3

Donald G. and David M. Jorgensen
33599 479th Ave.
Jefferson, SD 57038

Dear Sirs:

The investigation of your water use systems was conducted on August 12, 1999, by Eric Gronlund, staff engineer. The investigation included the extent of application of water to beneficial use, as developed under Water Permit Nos. 5991-3 and 6032-3. Your final water right documents, the Water Licenses, can now be issued.

Statutes require that we charge a \$50.00 fee per license for the investigation and issuance of the Water Licenses. Upon receipt of the \$50.00 fee per license (\$100.00 total) from you, we will begin processing your Water Licenses.

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

Sincerely,

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

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

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

N2 416196

Pierre, September 20, 1999

RECEIVED OF Donald G. Jorgensen, RR 1, Box 657, Jefferson, SD 57038
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. <u>6032-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	50 00

By _____
Chief Engineer

John Hatch



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

DEC 6 1999

5991-3
6032-3

Donald G. and David M. Jorgensen
33599 479th Ave.
Jefferson, SD 57038

Dear Sirs:

Enclosed are Water License Nos. 5991-3 and 6032-3. These are the final water right documents completing your process of obtaining a Water Right. Enclosed are Receipt Nos. 416195 and 416196 in the amount of \$50.00 each which you paid for the investigation and issuance of the Water Licenses.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the wells authorized by Water Right Nos. 5991-3 and 6032-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

As long as you use the water beneficially, as stated in the Water Licenses, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Very truly yours,

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

ks
enclosures

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6032-3

(1) Donald G Jorgensen, 33599 479th Ave, Jefferson SD 57038 made Application No. 6032-3, January 14, 1998 for a water permit to divert 1.89 cubic feet of water per second from groundwater (one well), Union County, South Dakota for irrigation purposes. Permit No. 6032-3, with a priority date of January 14, 1998 was approved March 9, 1998 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before March 9, 2003 and for the application to beneficial use of said water on or before March 9, 2007.

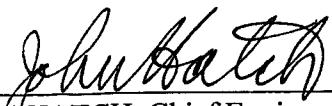
The permit holder submitted a *Notice of Completion of Works and Application of Water to Beneficial Use* on July 27, 1998. The *Notice* stated the diversion system was completed on July 5, 1998 and the water placed to beneficial use on July 7, 1998.

(2) It is certified that the permit holder 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 1.45 cubic feet of water per second for beneficial use. The location of the diversion point is approximately 1,380 feet south and 1,080 feet west of the northeast corner of Section 9-T89N-R49W (SE ¼ NE ¼).

(3) The permit holder has 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-T89N-R49W	NW ¼ NE ¼	7 acres
	NE ¼ NE ¼	26 acres
	SE ¼ NE ¼	17 acres
Total 50 acres		

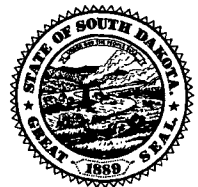
(4) Pursuant to South Dakota Water Law 46-5-30.1 Donald G Jorgensen, 33599 479th Ave, Jefferson SD 57038 the holder and/or owner of Water Right No. 6032-3 is issued a license to appropriate water, the right to use 1.45 cubic feet of water per second from groundwater (one well) with a priority date of January 14, 1998 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 Right No. 6032-3 and subject to South Dakota State Law.



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

DEC 6 1999

date





6032-3

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

January 26, 2007

NOTICE

TO: DONALD G & DAVID M JORGENSEN, 33599 479TH AVE, JEFFERSON, SD 57038

FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2006 Irrigation Questionnaire(s)

Our records indicate that the 2006 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 5991-3 & 6032-3. The request for the Questionnaire was dated October 20, 2006. The Water Management Board has directed that owners of water permits who have not submitted the 2006 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 5991-3 & 6032-3 qualification:

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

The hearing will be held at 10:30 am, March 7, 2007 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) 5991-3 & 6032-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

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

If the questionnaire(s) is(are) received in this office on/or before March 1, 2007, you will no longer be in violation of your permit and your name will be deleted from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352. If you prefer, you can complete the questionnaire on-line at the following link:
<https://www.state.sd.us/eforms/secure/eforms/E0455V5-IQ.pdf>

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



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

February 5, 2007

5991-3
6032-3

Donald G & David M Jorgensen
33599 479th Ave
Jefferson SD 57038

Dear Sirs:

I am writing to acknowledge receipt of your 2006 irrigation questionnaires. You may disregard the January 26, 2007, "Notice" concerning reporting requirements for Water Right Nos. 5991-3 and 6032-3.

The information was received in our office prior to the Water Management Board meeting and your names have been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Environmental Scientist
Water Rights Program
(605) 773-3352



6032-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 21, 2011

NOTICE

TO: DONALD G & DAVID M JORGENSEN, 33599 479TH AVE, JEFFERSON, SD 57038

FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2010 Irrigation Questionnaire(s)

Our records indicate that the 2010 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 5991-3 & 6032-3. The request for the Questionnaire was dated October 15, 2010. The Water Management Board has directed that owners of water permits who have not submitted the 2010 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 5991-3 & 6032-3 qualification:

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

The hearing will be held at **10:00 am, March 9, 2011** 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) 5991-3 & 6032-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

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

If the questionnaire(s) is (are) received in this office on/or before **March 4, 2011**, you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at 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.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

January 26, 2011

5991-3
6032-3

Donald Jorgensen
33599 479th Ave
Jefferson SD 57038

Dear Mr. Jorgensen:

I am writing to acknowledge receipt of your 2010 irrigation questionnaires.

You may disregard the January 21, 2011, "Notice" concerning reporting requirements for Water Right Nos. 5991-3 and 6032-3. 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,

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

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



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

November 4, 2016

6032-3

Donald G Jorgensen
33599 479th Ave
Jefferson SD 57038

Dear Mr. Jorgensen:

Thank you for the prompt return of your 2016 irrigation questionnaires.

It is my understanding from the notation made on the questionnaire for Water Right No. 6032-3 the land has been enrolled in CRP through 2026. Under SDCL 46-5-37.2, no water right or permit may be forfeited for nonuse if land authorized for irrigation by a permit or right is placed under an acreage reserve or production quota program or otherwise withdrawn from use as required for participation in any federal program, if:

- the water source is not fully appropriated
- if the withdrawal from use does not prevent approval of new permits from the same source, and
- if the appropriated water has been applied to beneficial irrigation use prior to participation in a federal program.

The annual irrigation questionnaire for Water Right No. 6032-3-3 will not be mailed to you until the land comes out of CRP. If the land is sold or other changes occur prior to the land coming out of the program, please notify us so that appropriate changes can be made to the water right.

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

August 12, 2026

6032-3

Donald G Jorgensen
PO Box 147
Sioux City, IA 51102

Dear Mr. Jorgensen:

We are contacting you regarding Water Right No. 6032-3, authorizing the diversion of 1.45 cubic feet of water per second from one well for the irrigation of 50 acres located in the N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 09-T89N-R49W, Union County.

Irrigators in South Dakota are required to submit an annual irrigation questionnaire reporting how much water was pumped during the irrigation season. Our records show the land authorized for irrigation under Water Right No. 6032-3 has been in the Conservation Reserve Program (CRP) through 2026.

The purpose of this letter is to find out the status of irrigation on your property. Please take a few minutes and answer the questions on the attached sheet and return it in the envelope provided. Please let us know if you have decided not to resume irrigation for the upcoming year 2027.

Thank you in advance for your help in updating this water right.

Sincerely,

Shannon Konst
Water Rights Program
605 773-3352
Shannon.konst@state.sd.us