

WATER PERMIT NO. 7108-3

Name of Applicant: **Ronald L. Hulshof**

Address: **905 4th Ave NE, Sioux Center IA 51250**

Phone: **712 722-1577**

Amount of Water Claimed: **no add'l**

Total Acres: **14.01 acres**

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

Water to be used for: **irrigation**

County: **Lincoln**

Type of Waste Disposal System: **NA**

Location: **½ mile west of Hudson**

PRIORITY

Date Received: **3-18-09**

Application/License Fee: **\$100**

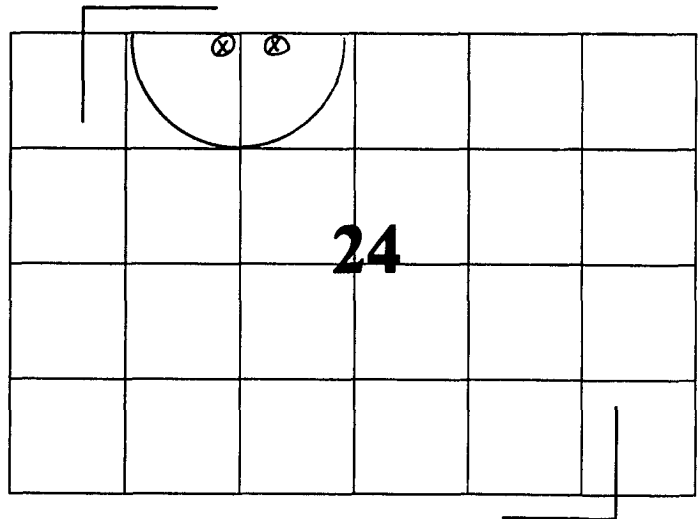
Corrected Application Received:

Period of Annual Use: **April 1 – Oct 31**

Remarks: **Increases the number of acres irrigated under Water Right No. 6551-3**

Diversion Point: **N ½ NW ¼ Sec 24-T96N-R48W**

Land to be Irrigated: **N ½ NW ¼ Sec 24-T96N-R48W**



Depth of Well: **40 & 42 feet deep**

Well Driller: **Hammond-Wetmore Drilling**

Remarks:

Type of Map: **plat**

Prepared by: **Charles Hanson, RLS**

Reviewed and the Number Assigned on: **3-18-09**

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>7108-3</u> (office use only)	Hydrologic Unit <u>10170203</u>
	Basin <u>Sioux River</u>	
	Newspaper <u>Sioux Valley News</u>	<u>PO Box 255</u>
	<u>605-764-2000</u>	<u>Canton 57013</u>

RECEIVED
MAR 18 2009
WATER RIGHTS
PROGRAM

Application For Permit To Appropriate Water For Irrigation

Type of Application: New Vested Right Amendment/Correction to Permit No. 6551-3
(Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)
Adding 14.01 Acres to the total irrigated acres of 60 to a new total of 74. No
change to wells, output or gpm.

- Name of Applicant Ronald L. Hulshof Phone 712-722-1488 E. 122(0)
(check one) X Owner Tenant/lessee
Mailing Address 905 4th Ave. N.E. Sioux Center State Iowa 51250
(Street, RR, or Box and City) (Zip Code)
(roadside) (14.01 additional acres)
- Amount of water claimed 0.78 *CFS or 350 **GPM ***AF Total Acreage 74.01
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable
- Source of water supply 2 wells on site
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) 2 wells in the N1/2 NW1/4
24-96-48
County Lincoln
- County or counties where water will be used Lincoln
- Annual period during which water is to be used April 1 thru Oct. 31
- 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
NW1/4 NW1/4 24-96-48	7	NE1/4 NW1/4 24-96-48	37.01
			7.01

8. Give a description of the project. (Attach sheet if more space is needed)
Purchased 14.01 Acres south of permitted property that I wish
to irrigate with existing system.

Iowa
STATE OF ~~SOUTH DAKOTA~~ SS
County of Sioux

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, Ronald L. Hulshof, 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.

Applicant's signature and family

Subscribed and sworn to before me this 16TH day of MARCH 20 09



VERLYN D. ROZEOOM
NOTARY PUBLIC-IOWA
SIOUX COUNTY
MY COMM. EXP. 11-7-09

Verlyn Rozeboom
Notary Public signature

**SOUTH DAKOTA
WATER PERMIT NO. 7108-3**

Date of first receipt of application March 18, 2009.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7108-3 to Ronald L. Hulshof, 905 4th Ave NE, Sioux Center IA 51250 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. 7108-3 authorizes irrigation of an additional 14 acres. Water Right No. 6551-3 appropriates 0.78 cubic feet of water per second from two wells completed into the Big Sioux:South Aquifer (40 and 42 feet deep) located in N 1/2 NW 1/4 Section 24 to irrigate 60 acres located in the N 1/2 NW 1/4 Section 24; all in T96N-R48W. This permit will irrigate an additional 14 acres located in the N 1/2 NW 1/4 and potentially extending partially into the N 1/2 S 1/2 NW 1/4 Section 24-T96N-R48W. This permit does not authorize any increase in the developed diversion rate.
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 – October 31.
3. The date from which applicant may claim right is March 18, 2009.
4. The date of approval of Permit No. 7108-3 is May 11, 2009.
5. One-fifth of the construction is to be completed on or before November 11, 2011.
6. All construction is to be completed on or before May 11, 2014.
7. Water is to be put to beneficial use on or before May 11, 2018.
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 wells 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

AUG 05 2009

date



Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 2-18" Depth 40'
- b) Casing Type 12" PUC SDR 21 Diameter 12" Thickness _____
- c) Screen Type PUC HiFlow 100 Diameter 8" 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) static water level at 14'
- g) Distance to nearest existing domestic well:

On applicants property 400' Apart Each On property owned by others 1/4 mile

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 _____

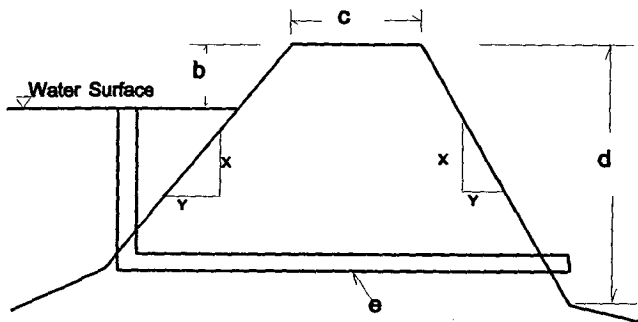
3. Dugout Information

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

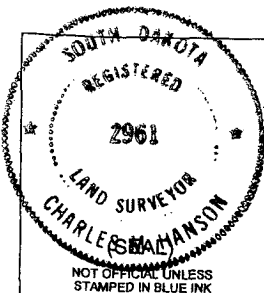
4. Water Storage Dams

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

PLAT OF SURVEY

I hereby certify that this land surveying document was prepared and the related survey work was performed by me or under my direct personal supervision and that I am a duly licensed Land Surveyor under the laws of the State of South Dakota.

Charles M. Hanson 4/20/08
(signature) (date)

CHARLES M. HANSON

License number 2961

My license renewal date is December 31, 2009

Pages or sheets covered by this seal: 1

RECEIVED

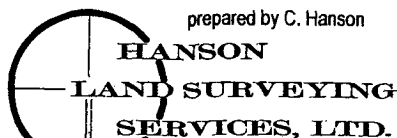
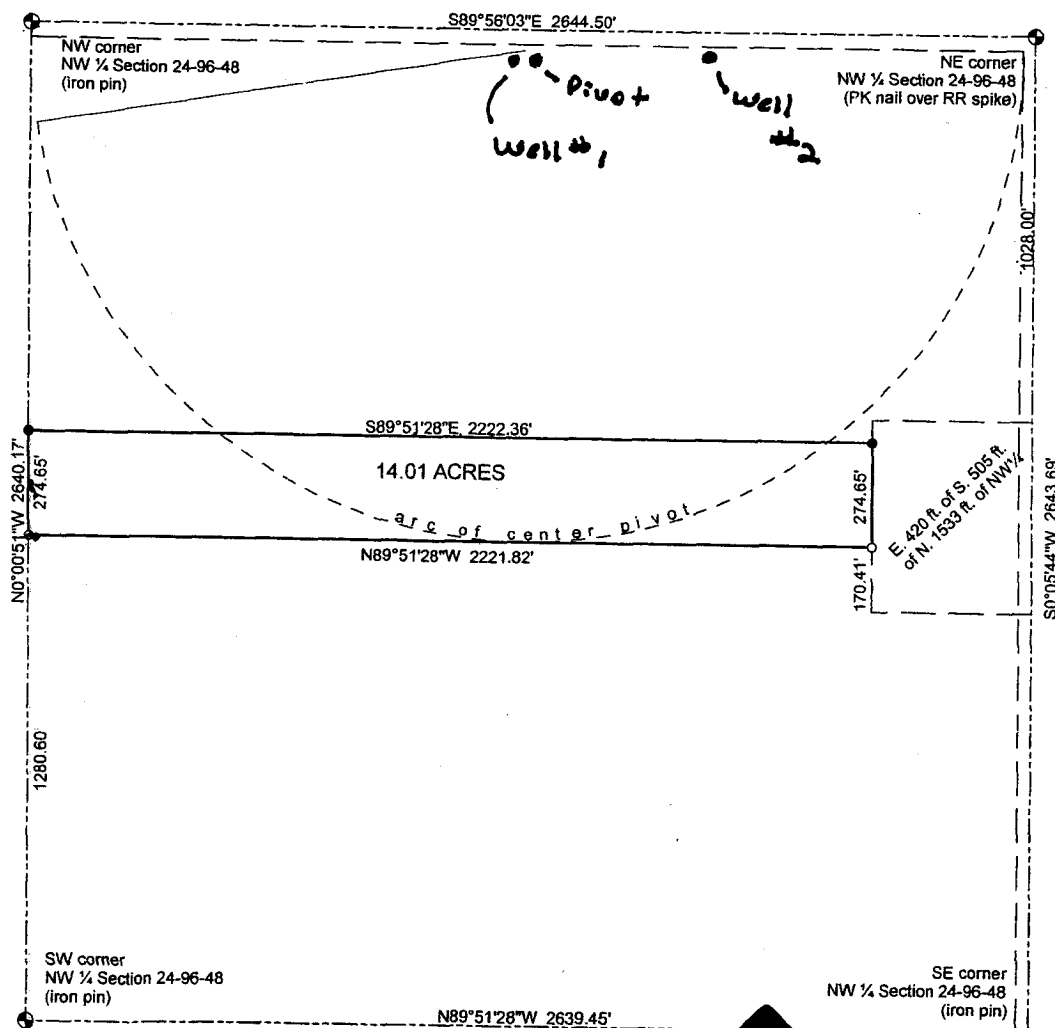
MAR 18 2009

WATER RIGHTS
PROGRAM

PROTECT YOUR CORNER MARKERS. A MINIMUM OF \$150 WILL BE CHARGED TO RESTORE ANY DISTURBED OR REMOVED MARKERS SHOWN ON THIS SURVEY PLAT.

LEGAL DESCRIPTION:

The north two hundred seventy-four and sixty five one-hundredths (274.65) feet of the south one thousand five hundred fifty five and one fourth (1555.25) feet (EXCEPT the east four hundred-twenty (420) feet thereof) of the Northwest Quarter of Section 24, T96N, R48W, 5th P.M., Lincoln County, South Dakota.



prepared by C. Hanson

basis of bearings: GPS observation



NORTH

graphic scale in feet



1 inch = 400 feet

○ = set 5/8"x24" rebar

● = found iron pin

date of survey: 04/09/2008

4308 SOUTH CHICAGO AVE.

SIOUX FALLS, SOUTH DAKOTA 57103

(605) 334-0035

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 3/18, 20 09

RECEIVED OF Ronald Hulshof 905 4th Ave NE Sioux Center IA 51250

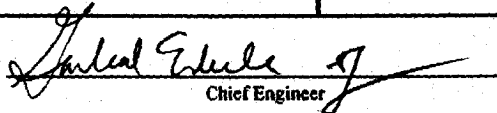
The following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	75	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. _____	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	125 00

No.

04082

By


Chief Engineer

08/05/2009

PAYMENT REQUEST FORM

PAYEE: Ron Hulshof
906 4th Ave NE
Sioux Center IA 51250

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

DESCRIPTION OF SERVICE, PRODUCE OR TRANSFER

Refund on Water Right Permit 7108-3 (overpayment)

AMOUNT: \$25.00

FUNDING SOURCE:

GENERAL: X

FEDERAL:

COMMENTS:

AUTHORIZATION:

Barclay C. Eide

8/5/09

I declare and affirm under the penalties of perjury that this claim is in all things, true and correct. I further agree to comply with the provisions of the Civil Rights Act of 1964 and regulations issued thereunder relating to nondiscrimination in federal assisted programs.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 7108-3, Ronald L. Hulshof**

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. 7108-3, Ronald L. Hulshof, 905 4th Avenue NE, Sioux Center IA 51250.

The Chief Engineer is recommending APPROVAL of Application No. 7108-3 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
April 9, 2009

**Report on Water Permit Application No. 7108-3
for Ronald Hulshof
March 25, 2009**

Application No. 7108-3 proposes to irrigate 14 additional acres. Water Right No. 6551-3 authorizes 350 gallons per minute (0.78 cubic feet per second (cfs)) from two wells completed into the Big Sioux: South aquifer (40 and 42 feet deep) located in the N $\frac{1}{2}$ NW $\frac{1}{4}$ of Section 24 to irrigate 60 acres located in the N $\frac{1}{2}$ NW $\frac{1}{4}$ Section 24; all in T96N R48W in Lincoln County. This application, if approved, does not authorize any increase in the developed diversion rate. This application proposes to irrigate an additional 14 acres also located in the N $\frac{1}{2}$ NW $\frac{1}{4}$ and potentially extending into the N $\frac{1}{2}$ S $\frac{1}{2}$ NW $\frac{1}{4}$ all in Section 24-T96N-R48W. The annual period during which water will be used is April 1 through October 31.

AQUIFER: Big Sioux South

This report will address the availability of unappropriated water from the South management unit of the Big Sioux South aquifer.

WATER AVAILABILITY

Since this application is for additional acreage only, and not for additional water, aquifer characteristics and observation well data will be the only topics covered. Review of existing water rights, water use, and recharge will not be covered since they are not relevant to the application.

Aquifer Characteristics:

The Big Sioux South aquifer is a surficial outwash (sand and gravel) that is under water table conditions in the area of this application. The entire Big Sioux aquifer underlies 60 square miles and contains an estimated 160,000 acre-feet of recoverable water in storage in Lincoln and Union Counties (Niehus, 1994). Ground water movement is generally from north to south and toward the Big Sioux River in the area of this application (Niehus, 1994). For the portion of the Big Sioux aquifer in Lincoln County, called the Big Sioux South aquifer by Hedges, that aquifer underlies 15,600 acres and contains an estimated 70,200 acre-feet of recoverable water in storage in Lincoln County (Hedges, 1982). Recharge to the aquifer has been estimated to be a volume of 9,800 acre-feet annually for Lincoln County. Niehus goes on to state in the 1998 report that in an extended drought the aquifer may not be capable of sustaining the existing level of development. This would be due to drought induced changed in water levels and the relative thinness of the aquifer and not to the effects of pumping.

Observation Well Data:

The Water Rights Program monitors an observation well, LN-57D located within one mile of this application location. Water levels for this well shows good response to climatic conditions, that is, rising water levels during wet years (recharge) and gradually declining water levels during dry years due to natural discharge and to pumping. The water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 2008). A hydrograph for this observation well is included with this report.

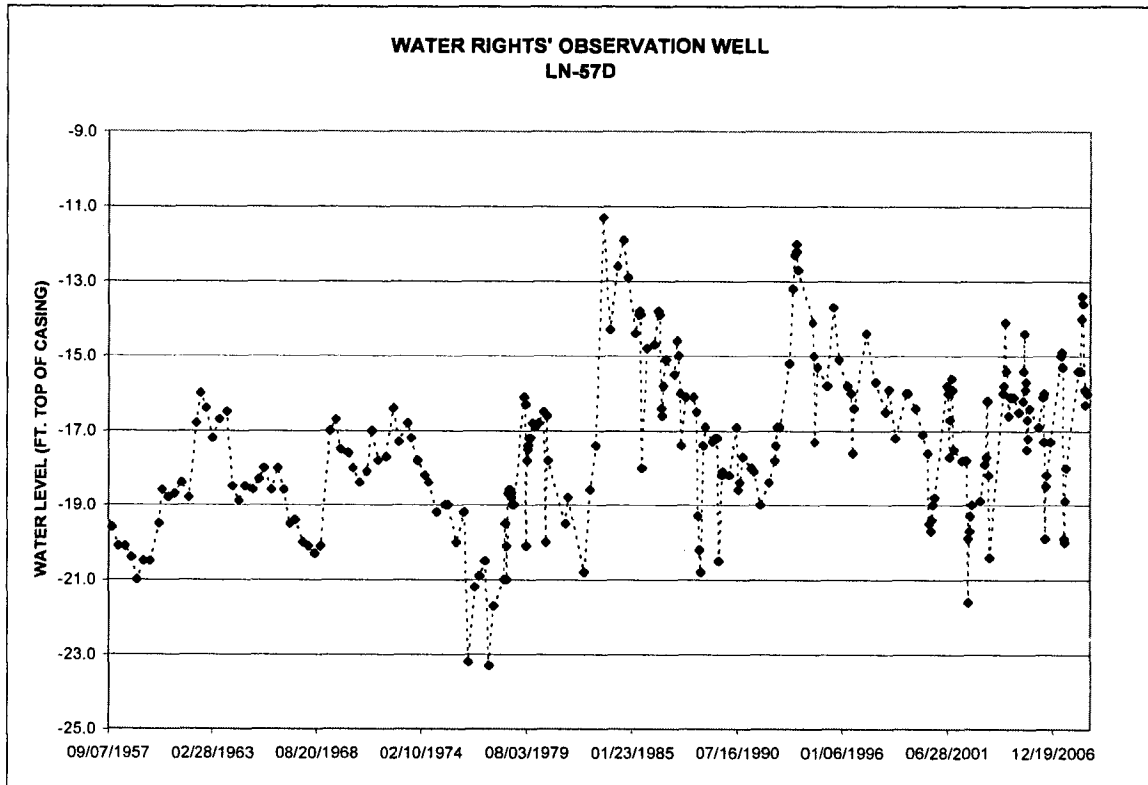


Figure 1. Hydrograph for Water Rights Observation Well LN-57D, completed into the Big Sioux South Aquifer within one mile of 7108-3

In general, the hydrograph shows that over the period of record, withdrawals have not exceeded recharge.

Conclusions:

1. Water is available from the Big Sioux South aquifer. This application is not for additional water to irrigate, it is for additional acreage to be irrigated within the existing appropriation.
2. The aquifer appears to be under water table conditions at this location. Drawdown will result from pumping. Interference is not expected to be a problem since no additional water will be appropriated.

3. If the wells covered by this Permit deplete the domestic supplies or interfere with prior water rights, restrictions, to the extent necessary, of the capacity of the wells or periods of operation or other arrangements may be required to protect these water supplies.
4. This application is to irrigate an additional 14 acres with the existing appropriation of 350 gallons per minute (0.78 cfs).



Hayes Haas
Natural Resources Engineer

Bibliography:

Hedges, L.S. et al, 1982, Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa, for the U.S. Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD 57069

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

Niehus, C.A., R.F. Thompson, 1998, Appraisal of the Water Resources of the Big Sioux Aquifer, Lincoln and Union Counties, South Dakota, Water Resources Investigations Report 97-4161, USGS, Rapid City, SD, 57702

Water Rights, 2009, Unpublished Observation Well Records for Lincoln County, SD DENR, Division of Water Rights, Pierre, SD, 57501

Affidavit of Publication

STATE OF SOUTH DAKOTA
COUNTY OF LINCOLN

RECEIVED

MAY - 4 2009

WATER RIGHTS
PROGRAM

ANDY WILCOX

being first duly sworn on his oath says; that the Sioux Valley News is a legal weekly newspaper of general circulation as required by South Dakota Code of Nineteen Hundred Thirty-Nine, and any acts amendatory thereto, printed and published by the Sioux Valley News, Inc., in Canton, in said county and State, and has been such legal newspaper during the time hereinafter mentioned; that he is and during all of said time was publisher of said newspaper and has personal knowledge of the facts stated in this affidavit; that the advertisement headed:

Notice of Application

a printed copy of which is hereto attached, was printed and published in said newspaper for **TWO** successive week(s) upon the following dates, to-wit:

April 23, 2009

April 30, 2009

that the full amount of the fees charged for publishing the same to-wit: the sum of **\$42.24** insures solely to the benefit of the publishers of said newspaper; that no agreement or understanding for any division of this sum has been made with any other person; and that no part of said sum has been agreed to be paid to any person whomsoever.

Subscribed and sworn to before me this **30th** day of
April, 2009.

Teresa J. Wilcox
Notary Public, South Dakota



My Commission Expires
12/9/2014

NOTICE OF APPLICATION

NO. 7108-3 to Appropriate Water

Notice is given that Ronald L. Hulshof, 905 4th Ave NE, Sioux Center IA 51250 has filed an application for a water permit to irrigate an additional 14 acres. Water Right No. 6551-3 appropriates 0.78 cubic feet of water per second from two wells completed into the Big Sioux: South Aquifer (40 and 42 feet deep) located in N 1/2 NW 1/4 Section 24 to irrigate 60 acres located in the N 1/2 NW 1/4 Section 24; all in T96N-R48W. This application proposes to irrigate an additional 14 acres located in the N 1/2 NW 1/4 and potentially extending partially into the N 1/2 S 1/2 NW 1/4 Section 24-T96N-R48W. This application, if approved, does not authorize any increase in the developed diversion rate.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7108-3 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 this 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 this 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 May 11, 2009.

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.

Published in the Sioux Valley News
April 23 and 30, 2009.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

April 14, 2009

Sioux Valley News
PO Box 255
Canton SD 57013

ATTENTION: Legal Public Notice

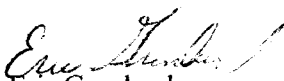
Enclosed is a Notice on Application No. 7108-3 to Appropriate Water to be published twice. Please publish the first notice on April 23, 2009 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

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 Ronald L Hulshof, 905 4th Ave NE, Sioux Center IA 51250 (Ph # 712-722-1577).

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. 7108-3

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

Date _____

We are in receipt of your letter of April 14, 2009 enclosing Notice to Appropriate Water by Application No. 7108-3 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.

April 14, 2009

Ronald L Hulshof
905 4TH Ave NE
Sioux Center IA 51250

Dear Mr. Hulshof:

Water Permit Application No. 7108-3 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 Sioux Valley News printed at Canton SD (Ph # 605-764-2000). You will need to contact the newspaper and authorize publication of this notice. For your information, a copy of the notice, the recommendations of the Chief Engineer and reports on the applications 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 Notices 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 applications.

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.

Instruction to Newspaper - Publish first Notice on April 23, 2009 with the second publication 7 days later. The applicant is responsible for payment. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352 or email: Karen.schlaak@state.sd.us.

NOTICE OF APPLICATION NO. 7108-3 to Appropriate Water

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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

AUG 05 2003

Ronald L Hulshof
906 4th Ave NE
Sioux Center IA 51250

Dear Mr. Hulshof:

Enclosed is Water Permit No. 7108-3 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.

The application was submitted with a filing fee of \$125.00 which was more than required. Therefore, \$25.00 will be refunded to you. The refund check should be received within the next couple of weeks.

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

7108-3
RECEIVED

AUG 26 2009

WATER RIGHTS
PROGRAM**NOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USE**Date 8-22-09

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

FROM: Ronald L. Hulshof
(name)
905 4th Ave N.E.
(address)
Sioux Center, Iowa 51280
(city, state, zip)

712-722-1577 (H)
712-722-1488 (O)
(phone)

I have completed the construction of the water use system and I have put the water to beneficial use to the maximum extent it is going to be used.

Water Permit No. 7108-3 states that the water use system is to be constructed by

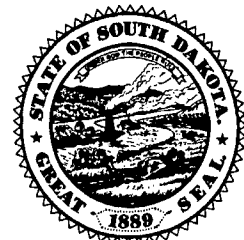
5-11-14 , and water is to be put to beneficial use by 5-11-18 .
(date) (date)

The water use system was completed on 8-21-09 .
(date)

Applying the water to beneficial use was completed on 8-21-09 .
(date)

You may schedule an investigation so that the water license may be issued.

and Hulshof
(signature)





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

August 27, 2009

7108-3

Ronald L Hulshof
905 4th Ave NE
Sioux Center, IA 51250

Dear Mr. Hulshof:

I am writing to acknowledge receipt of the "Notice of Completion of Works" form that you sent in to let us know that you are completed with your irrigation system.

The system is now ready for inspection. Inspections are done on a county-by-county basis as staff time permits. You have done everything you need to do and the intervening time between the completion of your project and the staff inspection has no bearing on your water permit.

Someone from our office will contact you prior to the inspection to set up a time that is convenient for you. If you have any questions, please contact me.

Sincerely,

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

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

7108-3



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
<http://denr.sd.gov>

October 15, 2012

2541-3
6551-3
7108-3

Ronald & Conni Hulshof
2410 Ridge Rd
Sioux Center IA 51250-2935

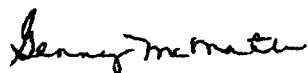
Dear Mr. & Mrs. Hulshof:

Enclosed is a "Notice" dated October 12, 2012 concerning the 2012 irrigation questionnaires for your Water Right Nos. 2541-3, 6551-3 and Water Permit No. 7108-3.

The notice was originally mailed to 905 4th Ave NE, Sioux Center IA. The post office notified us that your address has changed and I will update our records accordingly.

If you have any questions, please contact me.

Sincerely,


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

enclosures

Report of Examination of Works and/or Application of Water to Beneficial Use For Permit Nos. 6551-3 & 7108-3

I have this day, April 17, 2023, made a thorough examination of the water use system constructed by Ronald L. Hulshof, 102 Martin Dr NE, Orange City, IA 51041 of Water Right No. 6551-3 bearing the priority of November 29, 2004 authorizing the diversion of 0.78 cu. ft. per second and Permit No. 7108-3, bearing the priority of March 18, 2009 authorizing additional acreage with no additional diversion rate of the waters of the Big Sioux-South Aquifer for irrigation purposes, in Lincoln County.

A. Works used to divert the water:

Well Information: Both wells drilled by Hammond Wetmore Drilling

East Well: Well Drilling Firm: <u>Hammond - Wetmore</u> Depth(s) <u>42</u> feet Well log is available <u>yes</u>	West Well: Well Drilling Firm: <u>Hammond -Wetmore</u> Depth(s) <u>40</u> feet Well log is available <u>yes</u>
Casing: Diameter <u>16</u> inches Length <u>20</u> feet Type: <u>PVC</u>	Casing: Diameter <u>18</u> inches Length <u>20</u> feet Type: <u>PVC</u>
Screen: Type: <u>slotted</u> Length <u>20</u> feet Static water level <u>17</u> feet	Screen: Type: <u>slotted</u> Length <u>20</u> feet Static water level <u>20</u> feet
Pump: Make <u>Goulds 150-10</u> Model Size Capacity <u>175 GPM</u>	Pump: Make <u>Goulds 150-10</u> Model Size Capacity <u>175 GPM</u>
Motor: Make <u>Franklin</u> Model No. Horsepower rating <u>20</u> hp	Motor: Make <u>Franklin</u> Model No. Horsepower rating <u>20</u> hp

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

1) Type Buried PVC 2) Size 6 inches 3) Length 530 feet

Comments: One well is right at the pivot point

C. Works used to apply water to beneficial use:

Center pivot:

- 1) Make Zimmatic
- 2) Overall length: 1300 feet
- 3) Number of towers: 7
- 4) End gun Y
- 5) Capacity 350 GPM

Chemigation Equipment: none

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by Y
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Y
- 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: WELL LOCATIONS From the NW corner Sec 24 T96N R48W: WEST WELL 20 ft S & 1315 ft E, Lat 43.12688 Long -96.46529 (NW 1/4 NW 1/4) EAST WELL 20 ft S & 1880 ft E, Lat 43.12688 Long -96.46324 (NE 1/4 NW 1/4).

2. The works are capable of diverting and conveying to the place of use 0.78 cu. ft. per second for irrigation purposes. Water has been put to beneficial use to the maximum extent as follows:

All land in Sec 25 T96N R48W

NW 1/4 NW 1/4 35.0 acres

NE 1/4 NW 1/4 35.0 acres

SE 1/4 NW 1/4 2.0 acres

SW 1/4 NW 1/4 2.0 acres

comprising a total of 74.0 acres of land and the license should be issued for 0.78 cfs.

3. All structures, wells and lands on map Y

F. Comments or other permit(s) associated with the project:

Permits 6551-3 and 7108-3 are linked together so they are basically treated as one permit review. The irrigated acreage was determined with the aid of FSA imagery and ArcMAP software.



Darrell W DeBoer- Water Rights Inspector
DANR, Water Rights Program

Date report completed: April 20, 2023



0 0.05 0.1 0.2 0.3 0.4 Miles



Darrell DeBoer
Water Right Inspector
DANR-Water Rights Program

7108-3



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

MAY 17 2023

6551-3
7108-3

Ronald L Hulshof
102 Martin Dr NE
Orange City IA 51041

Dear Mr. Hulshof:

Enclosed is Water License No. 7108-3. 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: Upon licensing, the applicable portions of Water Right No. 6551-3 were incorporated into Water License No. 7108-3.

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 7108-3

(1) Ronald L Hulshof, 102 Martin Dr NE, Orange City IA 51041 made Application No. 7108-3, March 18, 2009, for a water permit add 14 acres to an existing irrigation system authorized under Water Right No. 6551-3 in Lincoln County. Permit No. 7108-3 did not authorize an increase from the two existing wells (Big Sioux South Aquifer). Permit No. 7108-3, with a priority date of March 18, 2009 was approved May 11, 2009 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before May 11, 2014 and for the application to beneficial use of water on or before May 11, 2018.

Water Right No. 6551-3, with a priority date of November 29, 2004, authorizes diversion of 0.78 cubic feet of water per second (cfs) for irrigation of 60 acres within the N $\frac{1}{2}$ NW $\frac{1}{4}$ Section 24, T96N, R48W. Water Permit No. 7108-3 increased the acreage to a total of 74 acres utilizing the same two wells.

The applicable portions of Water Right No. 6551-3 have been incorporated into this water license.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the water supply system and is entitled to divert 0.78 cubic feet of water per second for beneficial use. The diversion points are located as follows:

- West well: 20 ft S & 1,315 ft E of the NW corner of Section 24, T96N, R48W (NW $\frac{1}{4}$ NW $\frac{1}{4}$)
Latitude 43.12688, Longitude -96.46529
- East well: 20 ft S & 1,880 ft E of the NW corner of Section 24, T96N, R48W (NE $\frac{1}{4}$ NW $\frac{1}{4}$)
Latitude 43.12688, Longitude -96.46324

(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 24, T96N, R48W	NE $\frac{1}{4}$ NW $\frac{1}{4}$	35 acres
	NW $\frac{1}{4}$ NW $\frac{1}{4}$	35 acres
	SE $\frac{1}{4}$ NW $\frac{1}{4}$	2 acres
	SW $\frac{1}{4}$ NW $\frac{1}{4}$	<u>2 acres</u>
	Total	74 acres

Priority dates:

- November 29, 2004, 60 acres in the N $\frac{1}{2}$ NW $\frac{1}{4}$ Section 24 (established under No. 6551-3)
- March 18, 2009, 10 acres in the N $\frac{1}{2}$ NW $\frac{1}{4}$ & 4 acres in the S $\frac{1}{2}$ NW $\frac{1}{4}$ Section 24 (established under No. 7108-3)

(4) Pursuant to South Dakota Water Law 46-5-30.1 Ronald L Hulshof, 102 Martin Dr NE, Orange City IA 51041 the holder and/or owner of Incorporated Water Right No. 7108-3 is issued a license to appropriate water, the right to use 0.78 cubic feet of water per second from ground water, two wells (Big Sioux South Aquifer) with priority dates of November 29, 2004 (0.78 cfs, two wells, 60 acres) and March 18, 2009 (14 acres) from the locations specified in (2) of this license for irrigation purposes.

continued

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

- 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.


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

MAY 17 2023
date



Alton Well Company

PO Box 57

Ireton, IA 51027 US

Invoice



BILL TO

Ron Hulshof

102 Martin Drive NE

Orange City, Iowa 51041

SHIP TO

Ron Hulshof

102 Martin Drive NE

Orange City, Iowa 51041

INVOICE #	DATE	TOTAL DUE	DUE DATE	TERMS	ENCLOSED
1229	05/01/2024	\$0.00	05/16/2024	Net 15	

PLEASE DETACH TOP PORTION AND RETURN WITH YOUR PAYMENT.

DATE	DESCRIPTION	QTY	RATE	AMOUNT
04/25/2024	Mobilizing	1	1,300.00	1,300.00
	Irrigation Well Drilling	39	175.00	6,825.00
	12" Sch80 PVC per foot	30	78.21	2,346.30
	12X20X.060 SS SCREEN per foot	10	272.83	2,728.30
	Seal and Grout	1	800.00	800.00
	Development & Pump Test	1	1,100.00	1,100.00
	SUBTOTAL			15,099.60
	TAX			0.00
	TOTAL			15,099.60
	PAYMENT			15,099.60
	BALANCE DUE			\$0.00

PAID

Dewell, Amanda

From: Ron L. Hulshof <rlhulshof@servicetrucks.com>
Sent: Tuesday, August 13, 2024 8:46 AM
To: Dewell, Amanda
Subject: RE: [EXT] Ronald Hulshof new well

Total volume of water for 3 wells does not exceed the desired volume from the 2.
Simply the 2 wells were unable to provide that volume of water the last 3 seasons prior to 2024.
My irrigation system in 2024 runs perfectly again, with the 350 gpm being generated by a blend from the 3 wells.
Ron

-----Original Message-----

From: Dewell, Amanda <Amanda.Dewell@state.sd.us>
Sent: Tuesday, August 13, 2024 8:43 AM
To: Ron L. Hulshof <rlhulshof@servicetrucks.com>
Subject: RE: Ronald Hulshof new well

Ron,

I have received your email with the attachments. With the addition of the third well, did the rate of diversion increase from the 0.78 cfs (350GPM) listed on the license? If not, what was the intention behind drilling of the third well?

Amanda Dewell
DANR - Water Rights Program
Permitting Administrator
Main Phone: 605 773-3352
Website: danr.sd.gov

-----Original Message-----

From: Ron L. Hulshof <rlhulshof@servicetrucks.com>
Sent: Tuesday, August 13, 2024 8:37 AM
To: Dewell, Amanda <Amanda.Dewell@state.sd.us>
Subject: [EXT] Ronald Hulshof new well

Amanda:

Attached please find the documents I mailed in early May, 2024.
The parcel had 2 wells under Water License No. 7108-3.
This spring I dug a 3rd well located approximately 400' south of previously permitted "west well".
Please acknowledge receipt of this information.
Thank-you
Ron Hulshof
712-463-2100
rlhulshof@servicetrucks.com

8-13-24

Approval of Location Change and/or Additional Diversion Point(s)NAME: Ronald L HulshofCOUNTY: LincolnADDRESS: 102 Martin Dr NE, Orange City IA 51041DATE: August 15, 2024**GENERAL DESCRIPTION OF AUTHORIZED PROJECT:**

Water Right No. 7108-3 authorizes a combined diversion of 0.78 cfs from two wells (BS:B) located in the NE ¼ NW ¼ & NW ¼ NW ¼ Section 24, for the irrigation of 74 acres located in the NW ¼ Section 24; all in T96N-R48W.

AUTHORITY:

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

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

The permit holder has requested approval of a third well, located in the NE ¼ NW ¼ Section 24, T96N-R48W (approximately 400 ft south of the "west well"), stating that in recent irrigation seasons the wells already authorized under 7108-3 had not been able to produce the amount of water the system is licensed for. With the addition of this third well, the permit holder expects the system to operate as designed, at 0.78 cfs. No increase in diversion authority is being requested.

If irrigation, no new land is irrigated

Water Right No. 7108-3 authorizes irrigation of 74 acres. No additional acres are being developed for irrigation.

Review of Existing Diversions

There are eight other existing water permits/rights (one of which is held by Mr. Hulshof) located within approximately 2 miles of where the new diversion point was developed, also authorizing diversion from the Big Sioux: South Aquifer. The nearest of which being 1139-3 (Town of Hudson), located approximately 0.7 miles northeast of the new well. It was determined that there was reasonable probability any interference due to pumping from the original wells would not adversely or unlawfully impair existing rights. The same would be expected for the well constructed in the new location.

The closest domestic well (completed into the BS:S) is approximately 0.5 miles to the northwest, located in the NE ¼ SE ¼ Section 14, T96N, R48W, on property owned by Douglas & Karla Kats, according to Regrid. The location of the domestic wells in the well completion report database maintained by the Water Rights Program is based on the location listed by the driller on the well completion report.

RECOMMENDED ACTION

Based on the above criteria, it is recommended that the change in diversion point location be approved.



Amanda Dewell, Permitting Administrator
Water Rights Program

The Chief Engineer makes a finding pursuant SDCL 46-5-13.1 and ARSD 74:02:01:14.01 that:

This change in location and/or additional diversion point(s) does not increase the potential for adverse effects to existing diversions.



Eric Gronlund, Chief Engineer
Water Rights Program



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

AUG 16 2024

7108-3

Ronald L Hulshof
102 Martin Dr NE
Orange City IA 51041

Dear Mr. Hulshof:

This letter is in regard to your request for a approval of an additional diversion point to be authorized under Water Right No. 7108-3

Your request stated that the new well is located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 24, T96N-R48W, Lincoln County, and that the additional well was obtained to assist the two existing wells in diverting the 0.78 cfs authorized for irrigation of 74 acres.

Upon review of your request and pursuant to SDCL 46-5-13.1, the addition of the third well is authorized without application or publication of a notice of hearing pursuant to SDCL 46-2A-4.

No increase to the 0.78 cfs diversion authority, or the number of acres authorized for irrigation is granted by approval of this request.

If you have any questions, please contact Amanda Dewell at (605) 773-3352.

Sincerely,

Eric Gronlund, Chief Engineer
Water Rights Program