

WATER PERMIT NO. 7309-3

Name of Applicant: Dihl J Grohs

Address: 23539 365 Ave, Kimball SD 57353 Phone: 605 730-2997

Amount of Water Claimed: 2.0 Total Acres: no additional

Source of Water Supply: groundwater (one well)

Water to be used for: irrigation County: Jerauld

Type of Waste Disposal System:

Location: 18 miles southwest of Wessington Springs

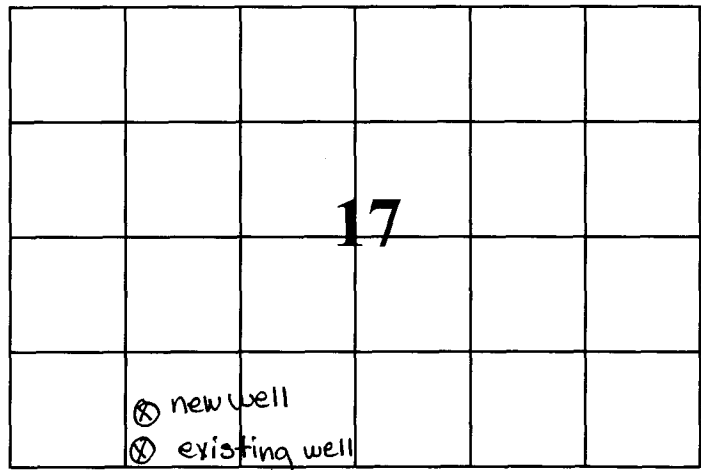
PRIORITY Date Received: 1-20-12 Application/License Fee: \$ 500

Corrected Application Received: Period of Annual Use: March 1 – November 30

Remarks: Additional well and diversion rate to irrigate acreage authorized by Water Permit Nos. 4660-3, 5603-3 and 6845-3

Diversion Point: SW ¼ SW ¼ Sec 17-T106N-R67W

Land to be Irrigated: W ½ Sec 16, S ½ Sec 17, NE ¼ Sec 20, NW ¼ N ½ SW 1/4, E ½ Sec 21; all in T106N-R67W



Depth of Well: 210 feet deep

Well Driller:

Remarks:

Type of Map: aerial

Prepared by: Mary Johnson, Jerauld Co FSA

Reviewed and the Number Assigned on: 1-23-12

By: Karen Schlaak

Notice of Hearing - date to intervene: _____

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

Mail to: PMB 2020 DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>7309-3</u> (office use only) Hydrologic Unit <u>10140105</u>
	Basin <u>Missouri River</u>
	Newspaper <u>True Dakotan</u> <u>PO Box 385</u> <u>Wess</u> <u>605-539-1281</u> <u>Spring 57302</u>

RECEIVED
JAN 20 2012
WATER RIGHTS
PROGRAM

Application For Permit To Appropriate Water For Irrigation

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

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)
additional well and diversion rate authority to Water Permit Nos. 4660-3, 5603-3 and 6845-3

1. Name of Applicant Dihl J Grohs Phone _____
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address 23539 365th Avenue Kimball SD 57353
(Address) (City) (State) (Zip Code)

2. Amount of water claimed 2.0 *CFS or **GPM ***AF Total Acreage no add'l
(*Cubic Feet per Second) (**Gallons per Minute) (**Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply existing well and new well completed into the Crow Creek Aquifer

4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Jerauld
existing well - SW 1/4 SW 1/4 Section 17, T106N, R67W
new well - SW 1/4 SW 1/4 Section 17, T106N, R67W

5. County or counties where water will be used Jerauld

6. Annual period during which water is to be used March 1 - November 30

7. 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
see existing acreages under Water Permit Nos.			
4660-3, 5603-3 & 6845-3			

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

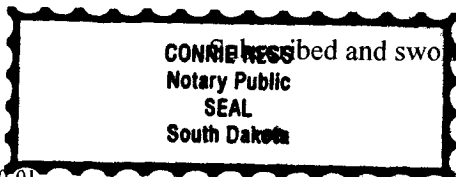
Existing well has been recased and a smaller pump installed. Intend to drill a new well to assist in irrigating permitted acres. No new acres are requested. However, existing permitted authority was 5.0 cfs but the original well was only developed to 3.0 cfs. Applying for 2.0 cfs additional to bring the diversion rate authority back to 5.0.

STATE OF SOUTH DAKOTA)
County of Jerauld) SS

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

I, Connie Ann Dihl Grohs 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 Connie Ann Dihl Grohs
witnessed and sworn to before me this 17th day of January 20 12



Connie Ann
Notary Public signature

SOUTH DAKOTA
WATER PERMIT NO. 7309-3

Date of first receipt of application January 20, 2012.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7309-3 to Dihl J Grohs, 23539 365th Ave, Kimball SD 57353 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. 7309-3 appropriates an additional 2.0 cubic feet of water per second (cfs) from an additional well to irrigate acres authorized by Water Permit Nos. 4660-3, 5603-3 and 6845-3. The well authorized by Water Permit Nos. 4660-3, 5603-3 and 6845-3 located in the SW 1/4 SW 1/4 Section 17-T106N-R67W is capable of diverting 3.0 cfs to irrigate 1002 acres located in the W 1/2 Section 16, S 1/2 Section 17, NE 1/4 Section 20 and NW 1/4, N 1/2 SW 1/4, E 1/2 Section 21; all in T106N-R67W. This permit authorizes appropriation of 2.0 cfs from an additional well to be completed into the Crow Creek Aquifer (210 feet deep) located in SW 1/4 SW 1/4 Section 17-T106N-R67W. This permit and Water Permit Nos. 4660-3, 5603-3 and 6845-3, combined authorize a total diversion rate of 5.0 cfs for irrigation of 1002 acres.
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: March 1 – November 30.
3. The date from which applicant may claim right is January 20, 2012.
4. The date of approval of Permit No. 7309-3 is April 2, 2012.
5. One-fifth of the construction is to be completed on or before October 2, 2014.
6. All construction is to be completed on or before April 2, 2017.
7. Water is to be put to beneficial use on or before April 2, 2021.
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. 7309-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump 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. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

By: Garland Erbe

Garland Erbe, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUN 21 2012
date



Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 24" Depth 210
- b) Casing Type PVC Diameter 16" Thickness _____
- c) Screen Type PVC Diameter 16" Thickness _____
- d) Gravel Pack Pea Gravel Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material 164'
- f) Depth to Water (ground surface to water level) 95'
- g) Distance to nearest existing domestic well:
- On applicant's property 1/2 mile On property owned by others 1000'

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 (e.g. 3 to 1 is a typical slope)

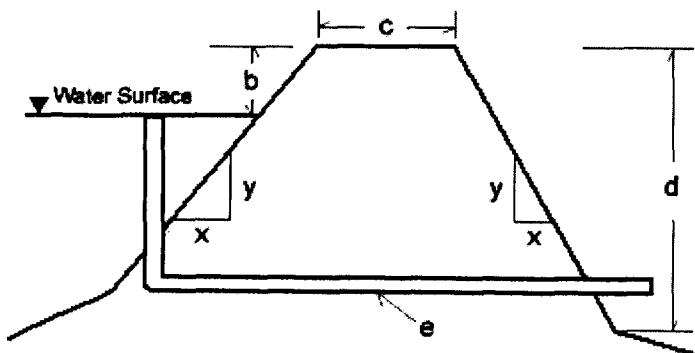
Upstream _____

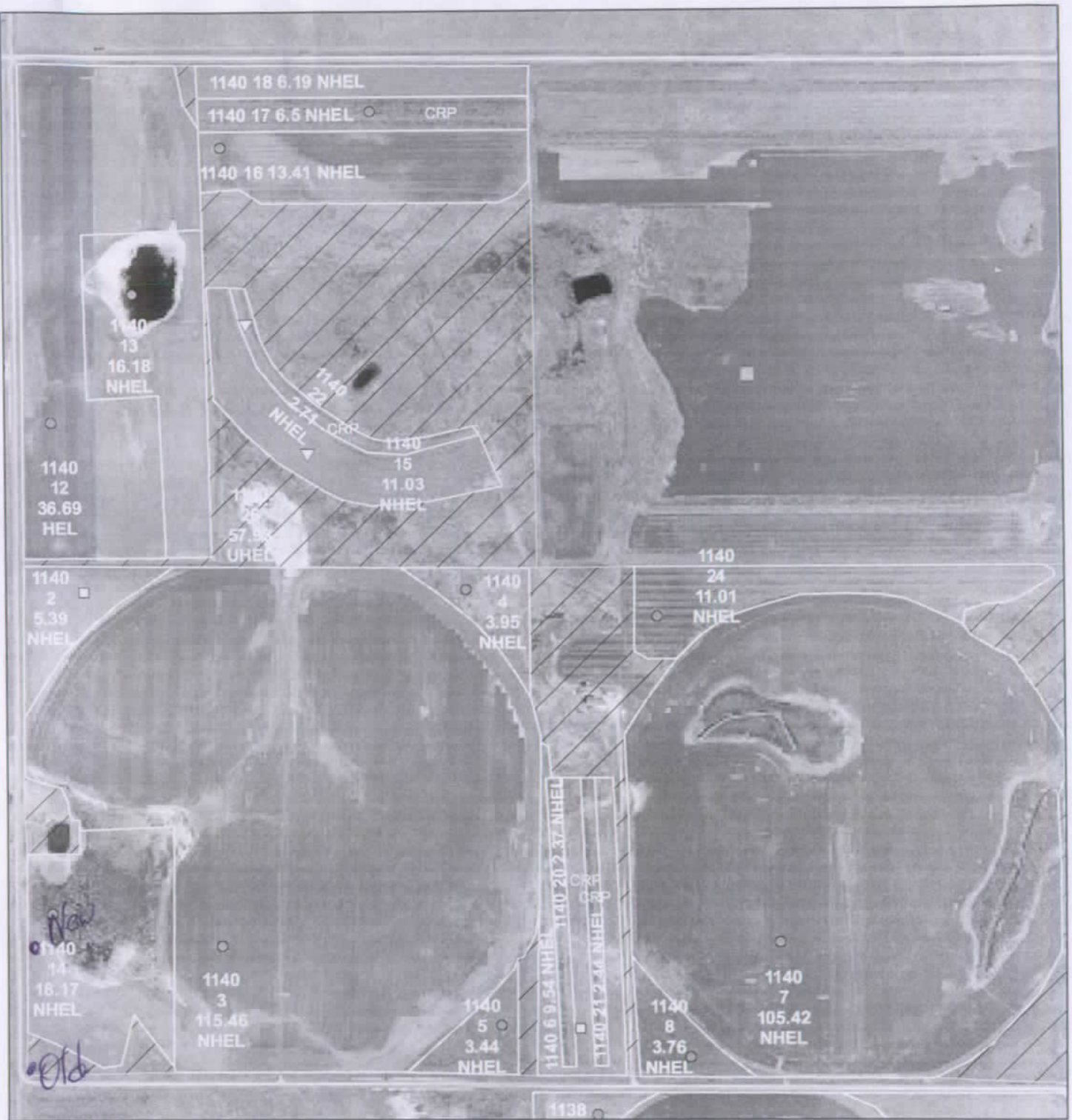
Downstream _____

h) Surface Area of Impoundment _____

i) Storage _____ Acre Feet

j) Drainage Area Above Dam _____ Acres





United States Department of Agriculture
Farm Service Agency

February 14, 2011

PLSS: 17_106N_67W
Farm: 2897

Jerauld County, SD
1:8,144



Wetland Determination Identifiers

- ☒ Restricted Use
- ☐ Limited Restrictions
- ☐ Exempt from Conservation Compliance Provisions

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original dermination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

Common Land Units
Non Cropland

RECEIVED

JAN 20 2012

WATER RIGHTS
PROGRAM

Mary Johnson, CED
Jerauld Co. 1-12-12

2010 Ortho-Photography - Not to Scale

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 1/20, 2012

RECEIVED OF Dihl Grohs 23539 365th Ave Kimball SD 57353

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

Fee for Application for Permit No. <u>7309-3</u> to Appropriate Water, to construct and to put water to beneficial use	500	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 _____		
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	500 00

No. **05280**

By *Frederick E. Ebel*
Chief Engineer



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

December 29, 2011

Dihl Grohs
23539 365th Avenue
Kimball SD 57353

Dear Mr. Grohs:

As per our phone conversation, attached are the following

- Your existing water permit Nos. 4660-3, 5603-3 and 6845-3.
- A partially completed application form to apply for an additional well and diversion rate authority for 2.0 cubic feet of water per second (cfs). This assumes you the original well was capable of 3.0 cfs and you want to bring the diversion rate authority back up to 5.0 cfs. Please look over the proposed well construction on Form 2A Supplemental Information. Also you will need a map showing the location of the new well in reference to a section corner. The map must be signed as set forth on Item 2d of the instruction sheet. The application filing fee for additional diversion rate authority without additional acres totals \$700.
- Blank water permit application forms and an instruction sheet for filing for new irrigation in Buffalo County.

Please contact me if you have any questions.

Sincerely,

Eric Gronlund
Water Rights Program, DENR
605 773-3352

enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 7309-3, Dihl J Grohs**

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. 7309-3, Dihl J Grohs, 23539 365th Avenue, Kimball SD 57353.

The Chief Engineer is recommending APPROVAL of Application No. 7309-3 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. 7309-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump 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. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.

Garland Erbele, Chief Engineer
March 5, 2012

REPORT ON WATER PERMIT APPLICATION NO. 7309-3

For Dihl J Grohs

February 27, 2012

Application No. 7309-3 proposes to appropriate an additional 2.0 cfs (900 gpm) from an additional well to irrigate acres authorized by Water Permit Nos. 4660-3, 5603-3 and 6845-3. The well authorized by Water Permit Nos. 4660-3, 5603-3, and 6845-3 located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of section 17, T106N R67W is capable of diverting 3.0 cfs to irrigate 1002 acres located in the W $\frac{1}{2}$ of section 16, S $\frac{1}{2}$ of section 17, NE $\frac{1}{4}$ of section 20 and the NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{2}$, E $\frac{1}{2}$ of section 21; all in T106N R67W in Jerauld County. This application proposes to appropriate 2.0 cfs from an additional well approximately 210 feet deep located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of section 17, T106N R67W. This application, if approved, and Water Permit Nos. 4660-3, 5603-3 and 6845-3, combined will authorize a total diversion rate of 5.0 cfs for irrigation of 1002 acres from two wells.

AQUIFER – CROW CREEK (CC)

The Crow Creek aquifer underlies 70 square miles and contains an estimated 270,000 acre-feet of water in storage in Jerauld County (Hamilton, 1985). The aquifer consists of outwash (sand and gravel) is buried and under confined conditions at this site. Hamilton also estimated the recharge rate to the aquifer at about 2.4 inches per year or equal to about 9,100 acre-feet annually. The aquifer extends into Buffalo County to the west, Brule County to the west and south and Hand County to the north. Ground water movement is from east to west in the area of this application (Hamilton, 1985). Water use from the Crow Creek aquifer was 1,104 acre feet in 2005, 1,756 acre-feet in 2006, 1,275 acre-feet in 2007, 1,875 in 2008, 854 acre-feet in 2009 and 551 acre-feet in 2010. This use includes the counties of Buffalo, Brule and Jerauld. Using the water use history and the estimated recharge it is apparent the use does not approach the estimated recharge volume even though the recharge is only estimated using the aquifer area in Jerauld County and not including the aquifer area in Buffalo and Brule Counties.

No test well was drilled for this application however this proposed well site is located between two observation wells completed into the Crow Creek aquifer and approximately 660 feet north of an existing irrigation well. This data all would indicate the reasonable possibility the aquifer is present at this site. However, a test well should be completed prior to attempting a production well.

The Water Rights Program monitors two observation wells in this immediate area. These are JE-79J which is located about one-quarter mile south of this proposed well and JE-78L which is located about one mile north of this proposed well site. Water levels for these observation wells fluctuate considerably with pumping. JE-79J is located very near an existing irrigation well and fluctuates about 60 feet when that well is pumped. In general even though there is fluctuation, the water levels recover and the aquifer appears to be capable of sustaining additional withdrawals (Water Rights, 2012). Hydrographs for these two observation wells are included with his report.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

There is an existing well located about 660 feet south of this application authorized by Water Permit Nos. 4660-3, 5603-3, 6845-3 (total of 1002 acres and 5.0 cfs). The applicant indicated this existing well was developed at 3.0 cfs. The existing well has been recased and a smaller pump installed. The applicant wants to get his diversion rate back up to the original 5.0 cfs with the addition of 2.0 cfs for the proposed well.

There is an existing Water Permit No. 6880-3 which authorizes 4.0 cfs from a well located near the center of NW ¼ of section 20 (located about 3,000 feet southeast of this proposed well site. Interference will occur, that is, there will be overlapping cones of depression from these diversion points. However, moving the diversion point to the north will decrease drawdown somewhat (spread out the affect). This will increase drawdown but it is not anticipated the effects will adversely affect water availability from the aquifer.

CONCLUSIONS

1. Water is available from the Crow Creek aquifer.
2. The aquifer is under artesian conditions at this site. Significant drawdown will occur. Interference is not expected to be adverse under the proposed scenario.
3. The well authorized by this application must be constructed in accordance with SD Well Construction Standards.
4. This is a request for a new well and additional water. That necessitates a new priority date.
5. If this request is simply to change or add a diversion point (or simply add an additional well with no additional diversion rate above the claimed developed rate) the old priority date could be retained. It is not clear from the application if the old well is still capable of 3.0 cfs since it was rehabilitated.
6. There is a junior permit No. 6880-3 in this area and how this application is interpreted could be important to that permit. A new permit would be junior to Water Permit No. 6880-3.



James A Goodman

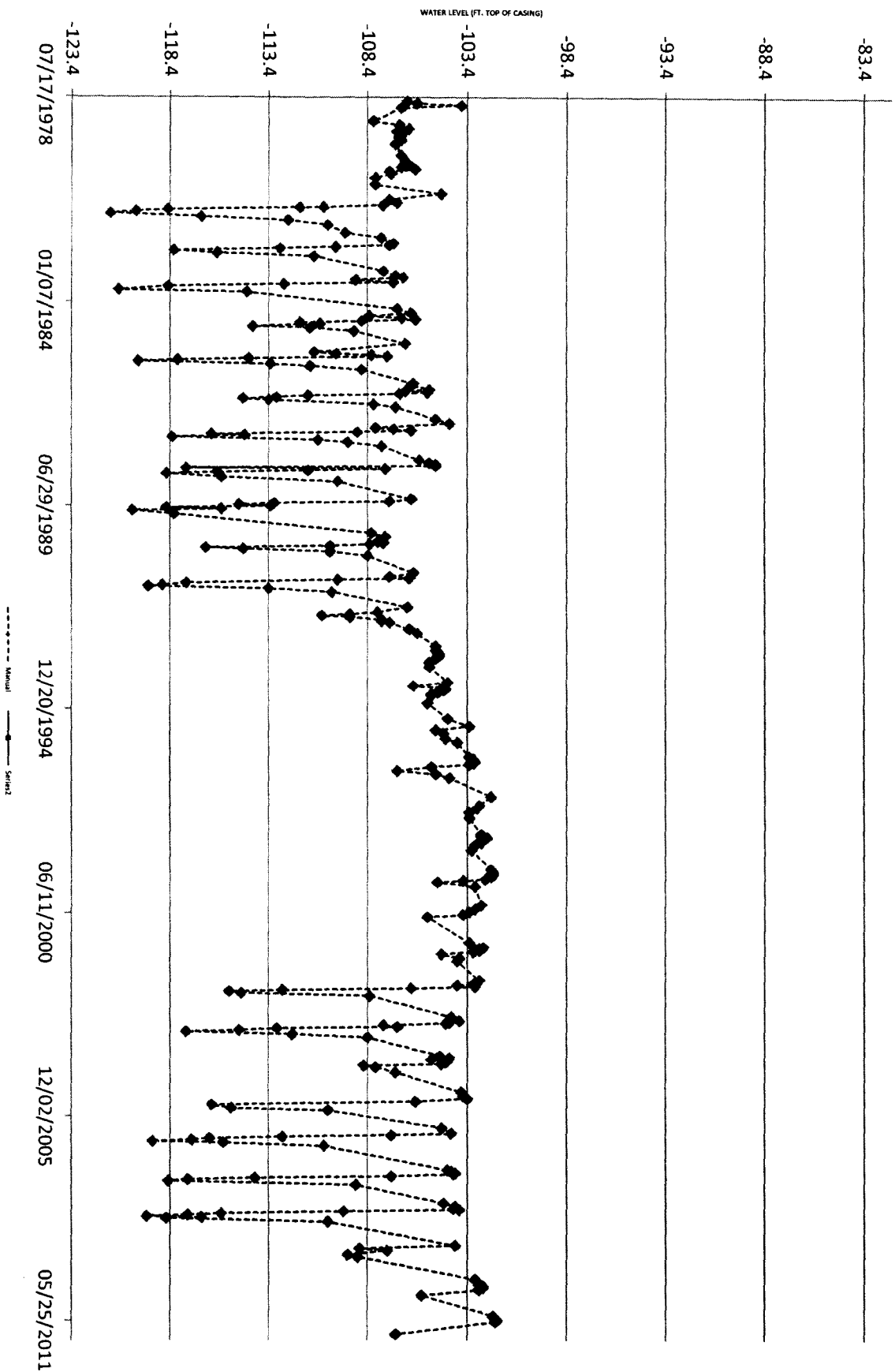
Natural Resources Engineer

BIBLIOGRAPHY

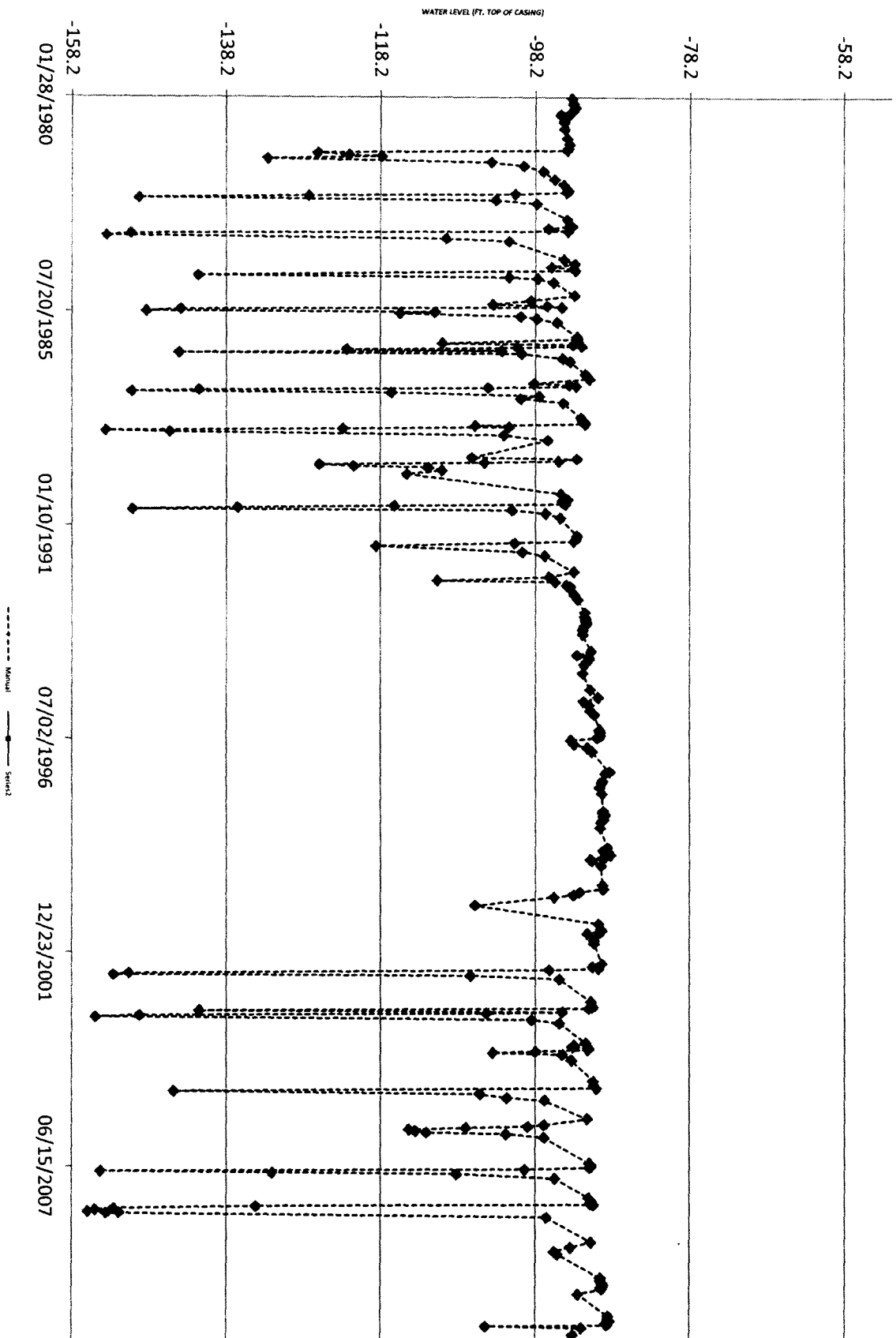
Hamilton, L.J., 1985, Water Resources of Aurora and Jerauld Counties, South Dakota, Water Resources Investigations Report 84-4030, USGS, Huron, SD, 57350.

Water Rights, 2012, Unpublished Observation Well Data for the Crow Creek Aquifer, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

WATER RIGHTS' OBSERVATION WELL JE-78L



WATER RIGHTS' OBSERVATION WELL JE-79J



RECEIVED

APR - 3 2012

Form 8

WATER RIGHTS
PROGRAM

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)

County of Jerauld) SS

I, Penny Wenzel

certify that the attached printed Notice was taken

from the True Dakotan

printed and published in Wessington Springs

County of Jerauld and

state of South Dakota. The notice was published

in the newspaper on the following two dates:

3/13/12

3/20/12

Cost of Printing \$7048

Penny Wenzel
(Signature)

Business Mgr.
(Title)

4/2/12
(Date Signed)

NOTICE OF APPLICATION NOS. 7309-3 and 7310-3 to Appropriate Water

Notice is given that Dohl J Grohs, 23539 365th Ave, Kimball SD 57353 has filed the following applications for a water permit.

Application No. 7309-3 proposes to appropriate an additional 2.0 cubic feet of water per second (cfs) from an additional well to irrigate acres authorized by Water Permit Nos. 4660-3, 5603-3 and 6845-3. The well authorized by Water Permit Nos. 4660-3, 5603-3 and 6845-3 located in the SW 1/4 SW 1/4 Section 17-T106N-R67W is capable of diverting 3.0 cfs to irrigate 1002 acres located in the W 1/2 Section 16, S 1/2 Section 17, NE 1/4 Section 20 and NW 1/4, N 1/2 SW 1/4, E 1/2 Section 21; all in T106N-R67W. This application proposes to appropriate 2.0 cfs from an additional well to be completed into the Crow Creek Aquifer (210 feet deep) located in SW 1/4 SW 1/4 Section 17-T106N-R67W. This application, if approved, and Water Permit Nos. 4660-3, 5603-3 and 6845-3, combined will authorize a total diversion rate of 5.0 cfs for irrigation of 1002 acres.

Application No. 7310-3 proposes to appropriate 3.5 cubic feet of water per second from one well to be completed into the Crow Creek Aquifer (60 feet

deep) located in NW 1/4 SW 1/4 Section 34-T107N-R68W for irrigation of 260 acres located in the SW 1/4 Section 34-T107N-R68W and NE 1/4 Section 4-T106N-R68W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 7309-3 and 7310-3 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 these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's

mailing address is given above. A petition filed by either an interested person or the applicant must be filed by April 2, 2012.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, 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 these applications. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

Published twice at the total approximate cost of \$70.48.
e-24-25



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

March 6, 2012

True Dakotan
PO Box 358
Wessington Springs SD 57382

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application Nos. 7309-3 & 7310-3 to Appropriate Water to be published twice. Please publish the first notice on March 13, 2012 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 Dohl Grohs, 23539 365th Ave., Kimball SD 57353 (Ph # 605-730-2997).

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-----

Nos. 7309-3 & 7310-3

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

Date _____

We are in receipt of your letter of March 6, 2012 enclosing Notice to Appropriate Water by Application Nos. 7309-3 & 7310-3 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
denr.sd.gov

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

March 6, 2012

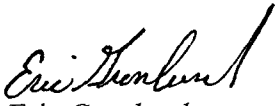
Dihl J Grohs
23539 365th Ave
Kimball SD 57353

Dear Mr. Grohs:

Water Permit Application Nos. 7309-3 & 7310-3 for irrigation use have 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 True Dakotan printed at Wessington Springs SD (Ph # 605-539-1281). 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 application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

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

Sincerely,


Eric Gronlund
Natural Resources Engineer
(605) 773-3352
eric.gronlund@state.sd.us

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendations, 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 applications.

Instruction to Newspaper - Publish first Notice on March 13, 2012 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 NOS. 7309-3 and 7310-3 to Appropriate Water

Notice is given that Dohl J Grohs, 23539 365th Ave, Kimball SD 57353 has filed the following applications for a water permit.

Application No. 7309-3 proposes to appropriate an additional 2.0 cubic feet of water per second (cfs) from an additional well to irrigate acres authorized by Water Permit Nos. 4660-3, 5603-3 and 6845-3. The well authorized by Water Permit Nos. 4660-3, 5603-3 and 6845-3 located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 17-T106N-R67W is capable of diverting 3.0 cfs to irrigate 1002 acres located in the W $\frac{1}{2}$ Section 16, S $\frac{1}{2}$ Section 17, NE $\frac{1}{4}$ Section 20 and NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, E $\frac{1}{2}$ Section 21; all in T106N-R67W. This application proposes to appropriate 2.0 cfs from an additional well to be completed into the Crow Creek Aquifer (210 feet deep) located in SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 17-T106N-R67W. This application, if approved, and Water Permit Nos. 4660-3, 5603-3 and 6845-3, combined will authorize a total diversion rate of 5.0 cfs for irrigation of 1002 acres.

Application No. 7310-3 proposes to appropriate 3.5 cubic feet of water per second from one well to be completed into the Crow Creek Aquifer (60 feet deep) located in NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 34-T107N-R68W for irrigation of 260 acres located in the SW $\frac{1}{4}$ Section 34-T107N-R68W and NE $\frac{1}{4}$ Section 4-T106N-R68W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 7309-3 and 7310-3 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 these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by April 2, 2012.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, 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 these applications.

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

Published twice at the total approximate cost of _____.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

JUN 21 2012

Dihl J Grohs
23539 365th Ave
Kimball SD 57353

Dear Mr. Grohs:

Enclosed is Water Permit No. 7309-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

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

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

Sincerely,

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

enclosures

7309-3
RECEIVED
NOV 15 2012
WATER RIGHTS
PROGRAM

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

Date 11-12-12

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

FROM:

D. H. Grohs

(name)

23539 365th Ave

(address)

Himball, SD 57355

(city, state, zip)

730-2997 or 680-9900
(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. 7309-3 states that the water use system is to be constructed by

Apr. 12, 2017
(date)

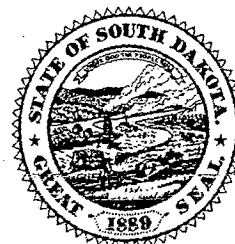
, and water is to be put to beneficial use by Apr. 12, 2021
(date)

The water use system was completed on May 15, 2012
(date)

Applying the water to beneficial use was completed on May 25, 2012
(date)

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


(signature)



7309-3



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

November 15, 2012

7309-3
7310-3

Dihl Grohs
23539 365th Ave
Kimball SD 57355

Dear Mr. Grohs:

I am writing to acknowledge receipt of the "Notice of Completion of Works" forms that you sent in to let us know that you are completed with the irrigation systems authorized under No. 7309-3 and 7310-3.

The systems are 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 the projects 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 black ink that reads "Genny McMath". The signature is written in a cursive, flowing style.

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

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

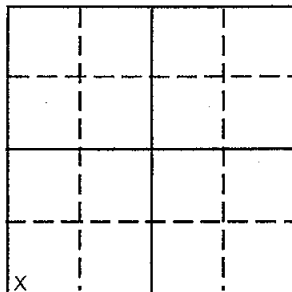
Location SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec 17 Twp 106 Rg 67

County

Jerauld

North

Please mark well location with an "X"



Well Completion Date

3/13/2012

1 Mile

Distance to nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.)

? ft. from (identify source)

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

Reverse Rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
21.0 LB/FT	16.00 IN	0.0 FT	90.0 FT	25.00 IN
26.0 LB/FT	16.00 IN	90.0 FT	173.0 FT	25.00 IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Vol Clay	124	Lb/gal	0.0 Ft	169.0 Ft

Describe grouting procedure

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 16.00 Inches Length 15.0 FeetMaterial Stainless SteelSlot Size 0.080 Set From 173.0 Feet to 188.0 Feet

Other information

WAS A PACKER OR SEAL USED?

☒ Yes ☐ NoIf so, what material? PeaRock

Describe packer(s) and location

163-188ft

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? PelletsLab sample sent to for water quality analysis ☐ No, Why Not?Well Owner: Dihl GrohsBusiness Name: Grohs FarmsAddress: 509 Slocum Ave SCity, State, Zip: Wessington Springs SD 57382

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Yellow Clay	0	20
Blue Clay	20	90
Sticky Blue Clay	90	158
Gravel	158	188

STATIC WATER LEVEL

If flowing: closed in pressure

GPM flow through inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

Reduced flow rate GPM

Can well be completely shut in?

WELL TEST DATA:

☐ Pumped Describe:
☐ Bailed
☐ Other

Pumping Level Below Land Surface

Ft. After Hrs. pumped GPM

Ft. After Hrs. pumped GPM

If pump installed, pump rate: GPM

REMARKS

RECEIVED

MAR - 4 2013

WATER RIGHTS PROGRAM

This well was drilled under license # 440

And this report is true and accurate.

Drilling firm: Pullman Well Drilling Inc.

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date:



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

October 23, 2013

Dihl J Grohs
6005 N Western Ave
Sioux Falls SD 57107 0850

RE: Water Permit or Right Nos. 4660-3, 5603-3, 6845-3, 7309-3 & 7310-3

Dear Mr. Grohs:

Enclosed is a "Notice" dated October 18, 2013 concerning the 2013 irrigation questionnaire.

The notice was originally mailed to PO Box 190, Kimball SD. 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

NOTICE OF TRANSFER OF OWNERSHIP

For assistance call (605) 773-3352

Mail to: PMB 2020
DENR - Water Rights Program
523 E Capitol Ave
Pierre, SD 57501-3182

Water Right/Permit No. 7309-3Date: 3-3-14I/We request that Water Right/Permit No. 7309-3 formerly owned by:Dahl Grohs

be transferred to:

New Owner Name: Todd GrohsAddress: 509 Slocum Ave SCity, State, Zip Washington Springs SD 57382 Telephone No. 680-9900

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

RECEIVED

MAR 05 2014

WATER RIGHTS
PROGRAM

☒ I understand that the validity of Water Right/Permit No. 7309-3 has not been determined by this transfer action. If I have any questions on validity, I understand that only the Water Management Board has the authority to determine if a water right/permit is valid (see note below.)

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

A fee of Fifty Dollars (\$50.00) is included to cover the filing fee as required by SDCL 46-2-13.

I, Todd Grohs, the new owner, certify that the above information is true and correct.



(signed by new owner)

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

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

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 3/5, 20 14

RECEIVED OF Todd Grohs 509 Slocum Ave S Wess Springs SD 57282

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	50	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 <u>7309-3</u>		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____	50	00
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	50 00

No. **06777**

By J. James Goodman
Chief Engineer



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

March 10, 2014

Todd Grohs
509 Slocum Ave S
Wessington Springs SD 57382

RE: Water Permit Nos. 7310-3, 7309-3, 6845-3, 5603-3 and 4660-3

Dear Mr. Grohs:

I am writing to acknowledge receipt of the transfer forms and filing fees you submitted for filing an ownership change on Water Permit Nos. 7310-3, 7309-3, 6845-3, 5603-3 and 4660-3.

The ownership changes have been completed. The above listed permits formerly held by Dihl Grohs are now listed in your name.

Enclosed for your records are Receipt Nos. 06774, 06775, 06776, 06777 and 06778 in the amount of \$50 each. If you have any questions, please contact me.

Sincerely,

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

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

enclosures

Permit No. 7309-3, 6845-3, 5603-3 & 4660-3
Missouri River - Water District

Contact Person & Address: **Todd Grohs, 1007 Main St E, Wessington Springs SD 605-680-9900**

Report Of Examination Of Works

On, **May 18, 2015**, I made a thorough examination of the water use system constructed by **Todd Grohs** holder of Permit No. **4660-3**, bearing the priority of **March 5, 1981** authorizing the diversion of **4.0** cu. ft. per second for the irrigation of **280 acres**, Permit No. **5603-3**, bearing the priority of **December 5, 1991** authorizing the diversion of **no additional water** for the irrigation of **456 acres**, of Permit No. **6845-3**, bearing the priority of **March 28, 2007** authorizing the diversion of **1.0** cu. ft. per second for the irrigation of **266 acres**, and of Permit No. **7309-3**, bearing the priority of **January 20, 2012** authorizing the diversion of **2.0** cu. ft. per second of the waters of **ground water (Crow Creek Aquifer)** for **irrigation** purposes, in **Jerauld** County.

The system is in the following condition **good**. The points of diversion are located **from the SW corner of Sec 17 T106N-R67W: North Well – 615 ft N and 45 ft E** with latitude of **43.97998** and a longitude of **-98.907033** and **South Well – 80 ft N and 45 ft E** with latitude of **43.97865** and a longitude of **-98.90715** as determined using **GPS**. The works are capable of diverting and conveying to the place of use **3.90** 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:

Land located in **Sec 16 T106N-R67W**

NW ¼ SW ¼ - 33.5 ac NE ¼ SW ¼ - 33.5 ac SE ¼ SW ¼ - 33.5 ac SW ¼ SW ¼ - 33.5 ac

Land located in **Sec 17 T106N-R67W**

NW ¼ SW ¼ - 33.5 ac NE ¼ SW ¼ - 33.5 ac SE ¼ SW ¼ - 33.5 ac SW ¼ SW ¼ - 33.5 ac

NW ¼ SE ¼ - 33.5 ac NE ¼ SE ¼ - 33.5 ac SE ¼ SE ¼ - 33.5 ac SW ¼ SE ¼ - 33.5 ac

Land located in **Sec 20 T106N-R67W**

NW ¼ NE ¼ - 35 ac NE ¼ NE ¼ - 23 ac SE ¼ NE ¼ - 11 ac SW ¼ NE ¼ - 21 ac

Land located in **Sec 21 T106N-R67W**

NW ¼ NE ¼ - 11 ac NE ¼ NE ¼ - 12 ac SE ¼ NE ¼ - 33.5 ac SW ¼ NE ¼ - 33.5 ac

NW ¼ SE ¼ - 33.5 ac NE ¼ SE ¼ - 33.5 ac SE ¼ SE ¼ - 33.5 ac SW ¼ SE ¼ - 33.5 ac

comprising a total of **716** acres of land and the license should be issued for **3.90** cfs.

Review of Permit Qualifications and Regulations:

- 1) Special qualifications to permit being abided by **yes**
- 2) All structures, wells and lands on map **yes**
- 3) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period **yes**
- 4) Exceptions to compliance are: **none**

Report On the Specifics of the System

Diversion Point Information:

Well Information: North Well

- 1) Well Drilling Firm: Pullman Drilling 2) No. of Wells 1 3) Depth(s) 188 feet
4) Well log is available yes

Casing:

- 1) Diameter 16 inches 2) Length 173 feet 3) Type PVC

Screen:

- 1) Type stainless steel 2) Length 15 feet 3) Static water level 95 feet

Pump:

- 1) Make Vertiline 2) Model 12RMH 3) Size 12 in 4) Capacity 900 GPM

Motor:

- 1) Make North American Electric 2) Model No. NAE-VHS-75-4-PWS 3) Horsepower rating 75 hp

Well Information: South Well

- 1) Well Drilling Firm: Huron Drilling 2) No. of Wells 1 3) Depth(s) 197 feet
4) Well log is available yes

Casing:

- 1) Diameter 16 inches 2) Length 167 feet 3) Type PVC

Screen:

- 1) Type stainless steel 2) Length 30 feet 3) Static water level 91 feet

Pump:

- 1) Make submersible 2) Model NA 3) Size NA 4) Capacity 850 GPM

Motor:

- 1) Make submersible 2) Model No. NA 3) Horsepower rating 60 hp

DISTRIBUTION LINES OR CANALS:

- 1) Type PVC 2) Size 10 inches 3) Length 20000 feet

SYSTEM TYPE:

Center pivot: SW ¼ Sec 17 – NL7

- 1) Make Zimmatic 2) Overall length 1280 feet
3) Number of towers 7 4) End gun yes
5) High or low pressure low 6) Capacity 750 GPM

Center pivot: SE ¼ Sec 17 – NL5

- 1) Make Reinke 2) Overall length 1280 feet
3) Number of towers 8 4) End gun yes
5) High or low pressure low 6) Capacity 750 GPM

Center pivot: SW ¼ Sec 16 – EC1

- | | |
|------------------------------------|------------------------------------|
| 1) Make <u>Lockwood</u> | 2) Overall length <u>1280</u> feet |
| 3) Number of towers <u>7</u> | 4) End gun <u>yes</u> |
| 5) High or low pressure <u>low</u> | 6) Capacity <u>750</u> GPM |

Center pivot: NE ¼ Sec 20 – DG5

- | | |
|------------------------------------|------------------------------------|
| 1) Make <u>Zimmatic</u> | 2) Overall length <u>1050</u> feet |
| 3) Number of towers <u>6</u> | 4) End gun <u>yes</u> |
| 5) High or low pressure <u>low</u> | 6) Capacity <u>600</u> GPM |

Center pivot: NE ¼ Sec 21 – CPN

- | | |
|------------------------------------|------------------------------------|
| 1) Make <u>Reinke</u> | 2) Overall length <u>1280</u> feet |
| 3) Number of towers <u>8</u> | 4) End gun <u>yes</u> |
| 5) High or low pressure <u>low</u> | 6) Capacity <u>750</u> GPM |

Center pivot: SE ¼ Sec 21 – CPS

- | | |
|------------------------------------|------------------------------------|
| 1) Make <u>Reinke</u> | 2) Overall length <u>1280</u> feet |
| 3) Number of towers <u>8</u> | 4) End gun <u>yes</u> |
| 5) High or low pressure <u>low</u> | 6) Capacity <u>750</u> GPM |

CHEMIGATION EQUIPMENT:

- 1) Does chemigate no

Comments : none

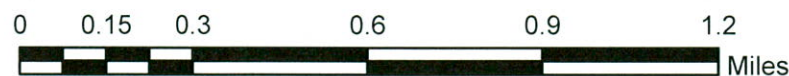
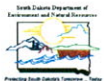
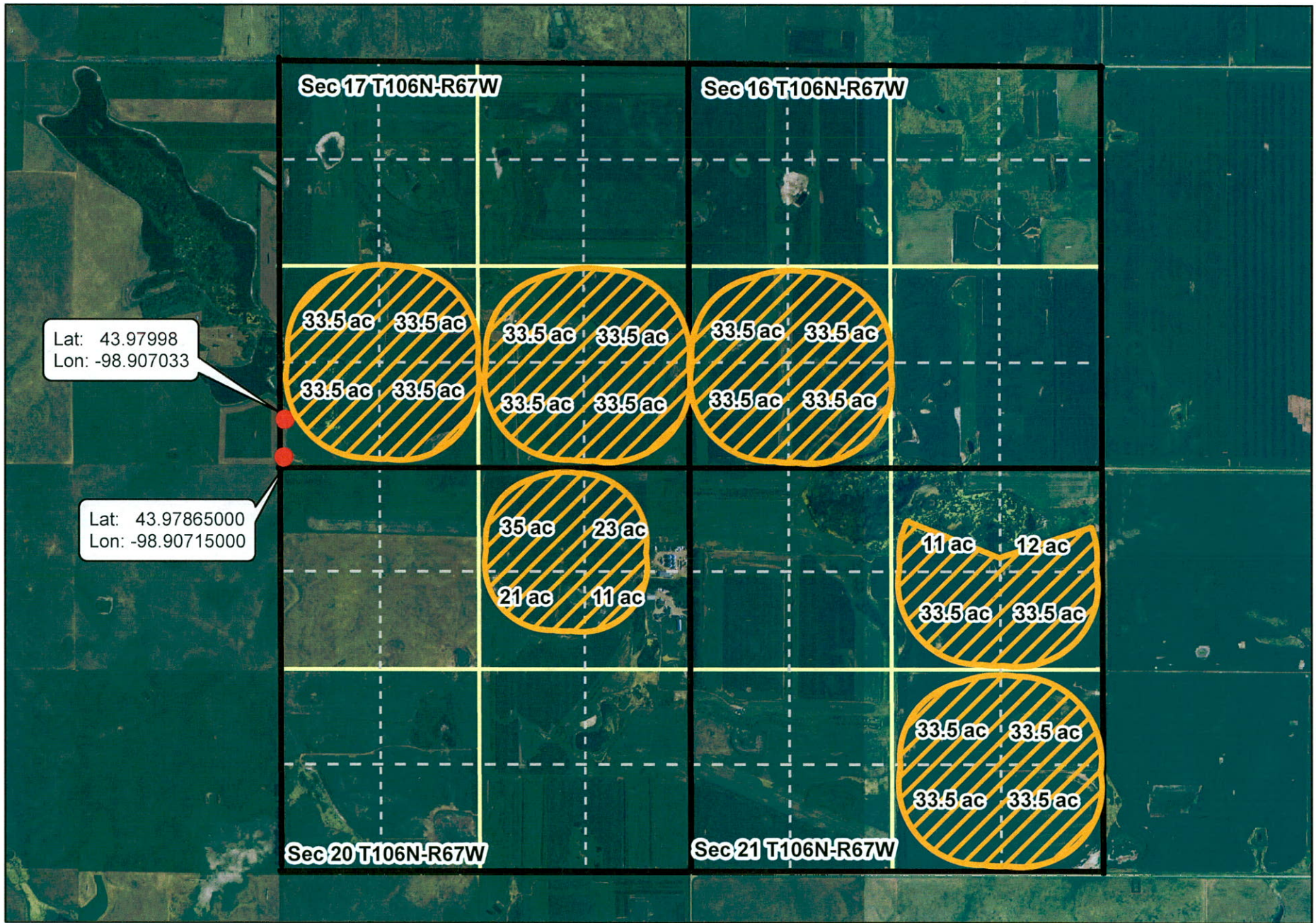


Mark D. Rath
Natural Resources Engineer III
DENR, Water Rights Program

7-6-15

Date

7309-3



Mark D Rath
Mark D Rath
Natural Resource Engineer
May 21, 2015



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

4660-3
5603-3
6845-3
7309-3

OCT 19 2015

Todd Grohs
1007 Main St E
Wessington Springs SD 57382

Dear Mr. Grohs:

Enclosed is Water License No. 7309-3. 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 the owner of an existing well, such as the wells authorized by Water Right No. 7309-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

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

Sincerely,

Jeanne Goodman, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

Note: Upon licensing, the applicable portions of Water Permit Nos. 4660-3, 5603-3 and 6845-3 were incorporated into Water License No. 7309-3.

**STATE OF SOUTH DAKOTA
WATER LICENSE NO. 7309-3**

(1) Dihl Grohs, Kimball SD made Application No. 7309-3, January 20, 2012 for a water permit to divert 2.00 additional cubic feet of water per second from ground water (one additional well, Crow Creek Aquifer), Jerauld County, South Dakota for irrigation of acreage authorized under Water Permit Nos. 4660-3, 5603-3 and 6845-3. Permit No. 7309-3, with a priority date of January 20, 2012 was approved April 2, 2012 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before April 2, 2017 and for the application to beneficial use of said water on or before April 2, 2021. Permit No. 7309-3 and Water Permit Nos. 4660-3, 5603-3 and 6845-3 authorize a combined total diversion of 5.00 cfs for irrigation of 1002 acres.

The permits associated with the project are as follows:

- **No. 4660-3, priority date of March 5, 1981:** 280 acres and 4.00 cfs from one well;
- **No. 5603-3, priority date of December 5, 1991:** corrected 35 acres developed under No. 4660-3 and added 456 acres to the project (no additional diversion authority);
- **No. 6845-3, priority date of March 28, 2007:** added 1.00 cfs from existing well to irrigate 266 acres;
- **No. 7309-3, priority date of January 20, 2012:** added new well and 2.00 cfs to irrigate existing acres.

The Permit holder submitted a *"Notice of Completion of Works and Application of Water to Beneficial Use"* on November 15, 2012. The *"Notice"* stated the water use system was completed on May 15, 2012 and the water placed to beneficial use on May 25, 2012.

On March 5, 2014, Water Permit Nos. 4660-3, 5603-3, 6845-3 and 7309-3 were transferred to Todd Grohs. The applicable portions of these permits have been incorporated into this Water License No. 7309-3. A priority date of March 5, 1981 is retained for 3.00 cfs (No. 4660-3) with the remaining 0.90 cfs retaining a priority date of January 20, 2012 (7309-3). The priority dates as they pertain to the acres irrigated are described in (3) of this license.

(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 the total capacity of the two wells of 3.90 cubic feet of water per second (1,750 gpm) for beneficial use. The diversion point locations are:

- north well: 615 feet north & 45 feet east of the SW corner of Section 17, T106N, R67W (SW $\frac{1}{4}$ SW $\frac{1}{4}$)
- south well: 80 feet north & 45 feet east of the SW corner of Section 17, T106N, R67W (SW $\frac{1}{4}$ SW $\frac{1}{4}$)

(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:

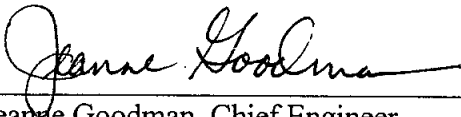
Section 16, T106N, R67W Priority 12/5/1991		Section 17, T106N, R67W Priority 3/5/1981		Section 20, T106N, R67W Priority 3/5/1981 (N $\frac{1}{2}$ NE $\frac{1}{4}$) Priority 12/5/1991 (S $\frac{1}{2}$ NE $\frac{1}{4}$)		Section 21, T106N, R67W Priority 3/28/2007	
NW $\frac{1}{4}$ SW $\frac{1}{4}$	33.5 acres	NW $\frac{1}{4}$ SW $\frac{1}{4}$	33.5 acres	NW $\frac{1}{4}$ NE $\frac{1}{4}$	35.0 acres	NW $\frac{1}{4}$ NE $\frac{1}{4}$	11.0 acres
NE $\frac{1}{4}$ SW $\frac{1}{4}$	33.5 acres	NE $\frac{1}{4}$ SW $\frac{1}{4}$	33.5 acres	NE $\frac{1}{4}$ NE $\frac{1}{4}$	23.0 acres	NE $\frac{1}{4}$ NE $\frac{1}{4}$	12.0 acres
SE $\frac{1}{4}$ SW $\frac{1}{4}$	33.5 acres	SE $\frac{1}{4}$ SW $\frac{1}{4}$	33.5 acres	SE $\frac{1}{4}$ NE $\frac{1}{4}$	11.0 acres	SE $\frac{1}{4}$ NE $\frac{1}{4}$	33.5 acres
SW $\frac{1}{4}$ SW $\frac{1}{4}$	33.5 acres	SW $\frac{1}{4}$ SW $\frac{1}{4}$	33.5 acres	SW $\frac{1}{4}$ NE $\frac{1}{4}$	21.0 acres	SW $\frac{1}{4}$ NE $\frac{1}{4}$	33.5 acres
		NW $\frac{1}{4}$ SE $\frac{1}{4}$	33.5 acres			NW $\frac{1}{4}$ SE $\frac{1}{4}$	33.5 acres
		NE $\frac{1}{4}$ SE $\frac{1}{4}$	33.5 acres			NE $\frac{1}{4}$ SE $\frac{1}{4}$	33.5 acres
		SE $\frac{1}{4}$ SE $\frac{1}{4}$	33.5 acres			SE $\frac{1}{4}$ SE $\frac{1}{4}$	33.5 acres
		SW $\frac{1}{4}$ SE $\frac{1}{4}$	33.5 acres			SW $\frac{1}{4}$ SE $\frac{1}{4}$	33.5 acres

Total acres irrigated 716

(4) Pursuant to South Dakota Water Law 46-5-30.1 Todd Grohs, 1007 Main St E, Wessington Springs SD 57382 the holder and/or owner of Incorporated Water Right No. 7309-3 is issued a license to appropriate water, the right to use 3.90 cubic feet of water per second from ground water (two wells) with priority dates of March 5, 1981, December 5, 1991, March 28, 2007 and January 20, 2012 from the locations specified in (2) of this license for irrigation purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Incorporated Water Right No. 7309-3 and subject to the following qualifications:

- 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.
- The well authorized by Permit No. 7309-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with the 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. *The new well approved under No. 7309-3 was constructed in 2012 by Pullman Well Drilling. A copy of the log is on file with the Water Rights Program.*
- This Permit is approved subject to the irrigation water use questionnaire being submitted each year.



Jeanne Goodman, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

OCT 19 2015
date

