

WATER PERMIT NO. 6821-3

Name of Applicant: Hansen Properties

Address: Box B, Centerville SD 57014

Phone: 605 563-2212

Amount of Water Claimed: 2.0 cfs

Total Acres: 95

Source of Water Supply: groundwater

Water to be used for: irrigation

County: Clay

Type of Waste Disposal System:

Location: 9 miles south of Centerville

PRIORITY

Date Received: 2-20-07

Application/License Fee: \$200

Corrected Application Received:

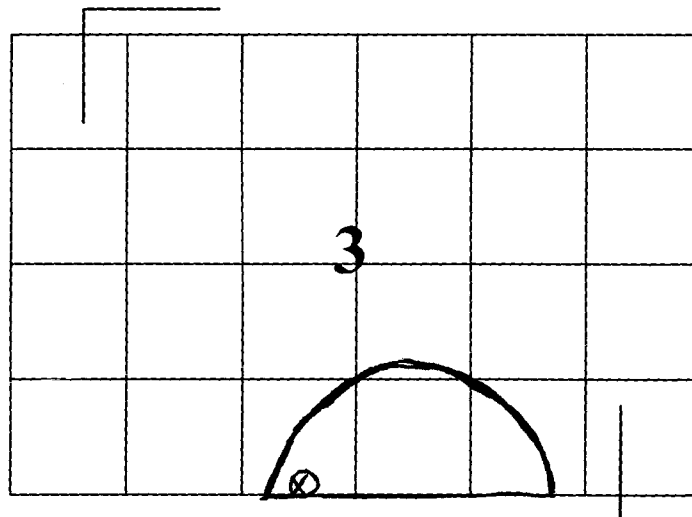
Period of Annual Use: April 1 – October 31

Remarks:

Diversion Point: SE ¼ SW ¼ Sec 3-T94N-R52W

Land to be Irrigated: S 1/2 SE ¼, NW ¼ SE 1/4,

SE ¼ SW ¼ Sec 3-T94N-R52W



Depth of Well: 100 feet deep

Well Driller:

Remarks:

Type of Map: aerial

Prepared by: Eric Gronlund

Reviewed and the Number Assigned on: 2-28-07

By: Karen Schlaak

Notice of Hearing - date to intervene: _____

FORM 2: Application for irrigation in South Dakota

(type or print)

RECEIVED

FEB 20 2007

WATER RIGHTS
PROGRAM

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>6821-3</u> (office use only)	Hydrologic Unit <u>10170102</u>
	Basin <u>Vermillion River</u>	
	Newspaper <u>Plaintalk, Vermillion</u>	
	<u>SD57049</u>	

Application For Permit To Appropriate Water For Irrigation

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

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

Place a new center pivot in Section 3, T94N, R52W

- Name of Applicant Hansen Properties Phone (605) 563-2212
 (check one) ☐ Owner ☐ Tenant/lessee
 Mailing Address Box B Centerville State SD 57014
 (Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 2.0 *CFS or 900 **GPM ***AF Total Acreage 95
 (*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply One well
- Location of point of diversion (example - 3 wells in SW 1/4 NE 1/4 section 12-T104N-R53W) County Clay
SE 1/4 SW 1/4 Section 3, T94N, R52W
- County or counties where water will be used Clay
- Annual period during which water is to be used April 1 - October 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
SE 1/4 SE 1/4 Section 3, T94N, 52W	23		
SW 1/4 SE 1/4 Section 3, T94N, 52W	40		
NW 1/4 SE 1/4 Section 3, T94N, 52W	10		
SE 1/4 SW 1/4 Section 3, T94N, 52W	22		

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

Hansen Pivot No. 28. Will construct a large pivot that needs 900 gpm to operate but pivot will only make a windshield wipe rotation. Will place well outside Clay RWS's wellhead protection area.

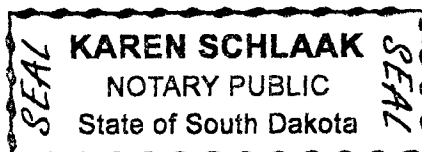
STATE OF SOUTH DAKOTA)

SS

County of Hughes

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, Roger Hansen, 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 Roger C. HansenSubscribed and sworn to before me this 20th day of February 20 07

Karen Schlaak
 Notary Public signature

My Commission Expires
 April 1, 2007

**SOUTH DAKOTA
WATER PERMIT NO. 6821-3**

Date of first receipt of application February 20, 2007.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6821-3 to Hansen Properties, c/o Roger Hansen, Box B, Centerville SD 57014 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. 6821-3 appropriates 2.0 cubic feet of water per second (cfs) from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 200 feet deep) located in the SE ¼ SW ¼ Section 3 to irrigate 95 acres located in the S ½ SE ¼, NW ¼ SE ¼, SE ¼ SW ¼ Section 3; all in T94N-R52W.
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 February 20, 2007.
4. The date of approval of Permit No. 6821-3 is June 11, 2007.
5. One-fifth of the construction is to be completed on or before December 11, 2009.
6. All construction is to be completed on or before June 11, 2012.
7. Water is to be put to beneficial use on or before June 11, 2016.
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. The well shall be a minimum of at least 1320 feet from the Vermillion River.
2. The well authorized by Permit No. 6821-3 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. Pursuant to SDCL 46-5-6 which allows a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Permit No. 6821-3 authorizes a maximum diversion rate of 2.00 cfs for the irrigation of 95 acres with an annual volume not to exceed 2 acre-feet of water per acre per year.
4. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.
5. Permit No. 6821-3 prohibits applying any chemical (chemigation) through the irrigation system located in the S ½ SE ¼, NW ¼ SE ¼, SE ¼ SW ¼ Section 3, T94N, R52W.

WATER MANAGEMENT BOARD

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

JUL 16 2007

date



(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter _____ Depth 150 feet
- b) Casing Type _____ Diameter _____ Thickness _____
- c) Screen Type _____ Diameter _____ Thickness _____
- d) Gravel Pack _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material _____
- f) Depth to Water (ground surface to water level) _____
- g) Distance to nearest existing domestic well:
On applicants property 1/4 mile west On property owned by others _____

2. Wastewater Disposal System Information

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

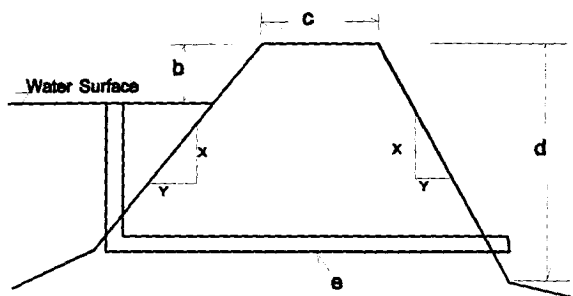
3. Dugout Information

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

4. Water Storage Dams

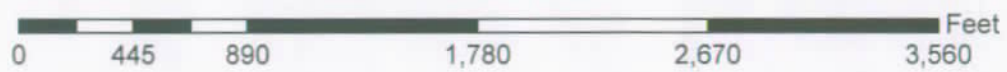
If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

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



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

Hansen Properties water permit application to irrigate portions of the S 1/2 Section 3, T94N, R52W



Map depicts the location of the proposed well and the windshield wiper pivot to irrigate 95 acres in the S 1/2 Section 3, T94N, R52W



Eric Gronlund
Eric Gronlund PE
Water Rights Program, DENR

Soils Map

Date: 12/6/2005

Customer(s) Lovejoy

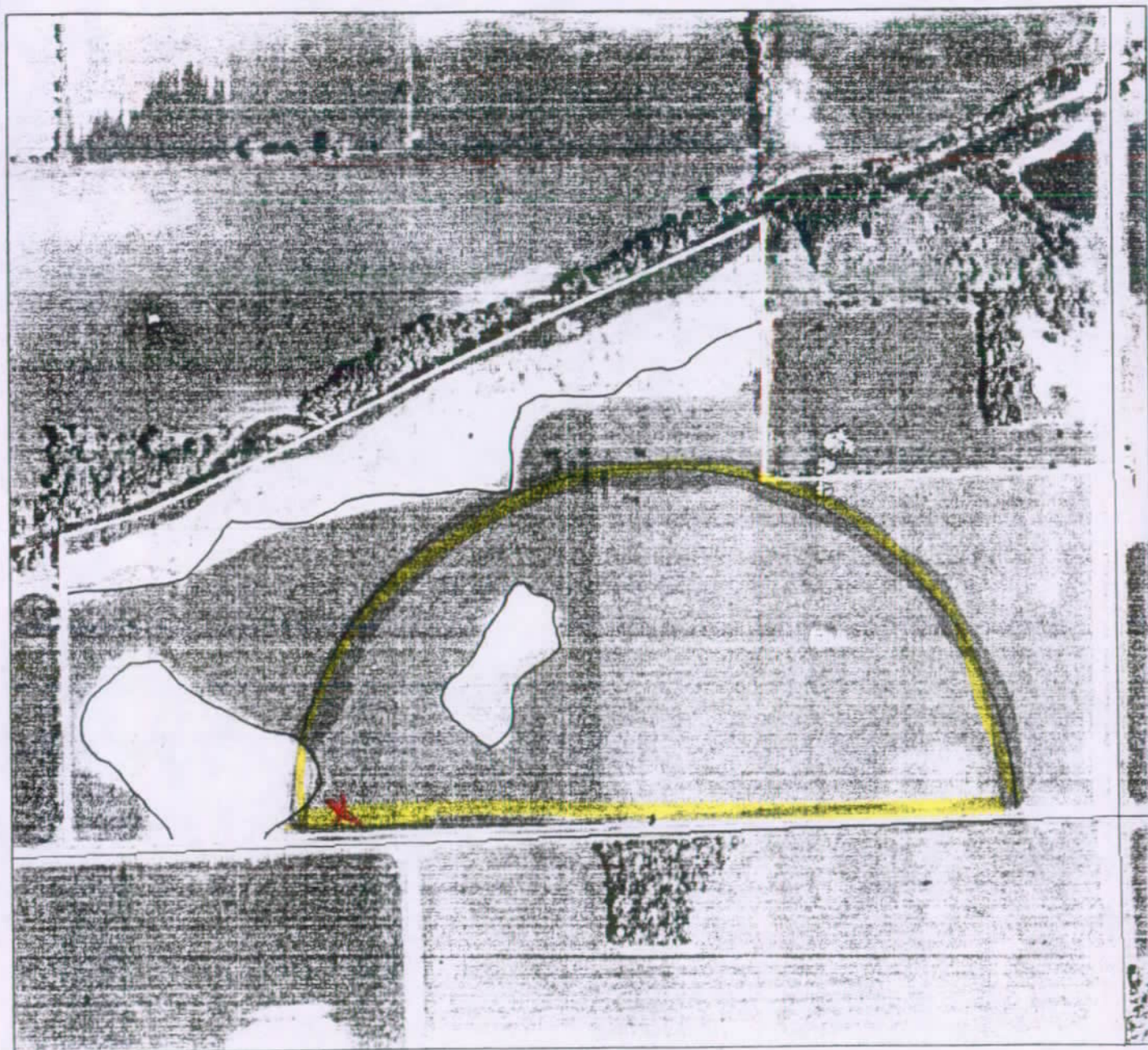
District: CLAY COUNTY CONSERVATION DISTRICT

Field Office: VERMILION SERVICE CENTER

Agency: USDA-NRCS

Assisted By: Deron J Ruesch

State and County: SD, CLAY



Legend

Soils Map
musym

116A

101

102

103

104

105

106

107

108

109

110

DOQ

RGB Composite

Red Band 1

Green Band 2

Blue Band 3

sections

Image: DOQ

Love Joy

94.6 Acres

95

900 gpm

SE SE 23
SW SE 40
NW SE 10
SE SW 28



RECEIPT
WATER RIGHTS PROGRAM
South Dakota Department of Environment and Natural Resources

Date Feb 20, 2007

RECEIVED OF Roger A Hansen, PO Box B, Centerville SD 57014

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

Fee for Application for Permit No. <u>6821-3</u> to Appropriate Water, to construct and to put water to beneficial use	150	00
Fee for Application for Permit No. _____ to Appropriate Water for Future use		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>6821-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	200.00

No.

02954

By

Garland Erbe

Chief Engineer

(RS)

Water Rights Program - DENR
Conversation File Documentation

NAME OF PERSON OR FILE: Water Permit Applications filed by Hansen Properties

ADDRESS: COUNTY: Clay

DATE: February 27, 2007 TELEPHONE:

RE: Twelve applications filed by Hansen Properties

COMMENTS:

Mr. Hansen stopped in the Water Rights Program office on February 20th to file 12 applications. He later that week mailed one additional application. I helped him complete the application form and the map. The maps depict the area he showed me that are proposed to be irrigated. In some instances the number of acres listed on the application appears to be greater than the area portrayed on the map. Mr. Hansen obtained the estimated acres from his irrigation system supplier. Upon development of the irrigation system, the water license will be issued for the amount of irrigation actually taking place.

NAME:

Eric Hansen



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 17, 2007

Greg Merrigan, System Manager
Clay Rural Water System
30376 SD Hwy 19
Wakonda SD 57073-6416

Dear Mr. Merrigan:

Roger Hansen dba Hansen Properties has filed a twelve water right permit applications to appropriate ground water for irrigation in Clay County.

Enclosed are the reports, recommendations and public notice for these applications. The notice is being published in the Plain Talk on April 27 and May 4th. Petitions to intervene to cause a hearing before the Water Management Board must be submitted by May 14th as set forth in the public notice.

This information is being sent to keep Clay Rural Water System informed of these water permit application. Please contact Jim Goodman or myself if you have questions.

Sincerely,

Eric Gronlund
Water Rights Program, DENR
605 773-3352
eric.gronlund@state.sd.us

enclosures



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MAY - 3 7 07

WATER RIGHTS
PROGRAM

CRWS

Clay Rural Water System

30376 SD HWY 19
Wakonda SD 57073-6416
Phone: 605-267-2088
Fax: 605-267-2085
Email: office@clayruralwater.com

May 1, 2007

Chief Engineer
Water Rights Program
Foss Building – 523 E Capitol
Pierre SD 57501

RE: Application to Appropriate Water No. 6821-3

To The Chief Engineer:

The Clay Rural Water System has received the Notice of Application for the above referenced permit.

The proposed well lies within the source water protection area of the Clay Rural Water System (see attached map). Clay Rural Water has three wells within 1 mile of the site. These wells supply drinking water to approximately 4,200 residents in parts of five counties in southeast South Dakota. The water quality in the aquifer is very good and we wish to take proactive measures to ensure it remains a quality drinking water source.

We have no objections to the withdrawal rate proposed for the well, but we do wish to request that no chemical injection be allowed through the irrigation pivot. The well will be direct conduit to the aquifer and any chemical application via the well and pivot could be a potential source of contamination to the aquifer.

Thank you for the opportunity to comment and please contact me if you need any additional information.

Sincerely,

Greg Merrigan
System Manager

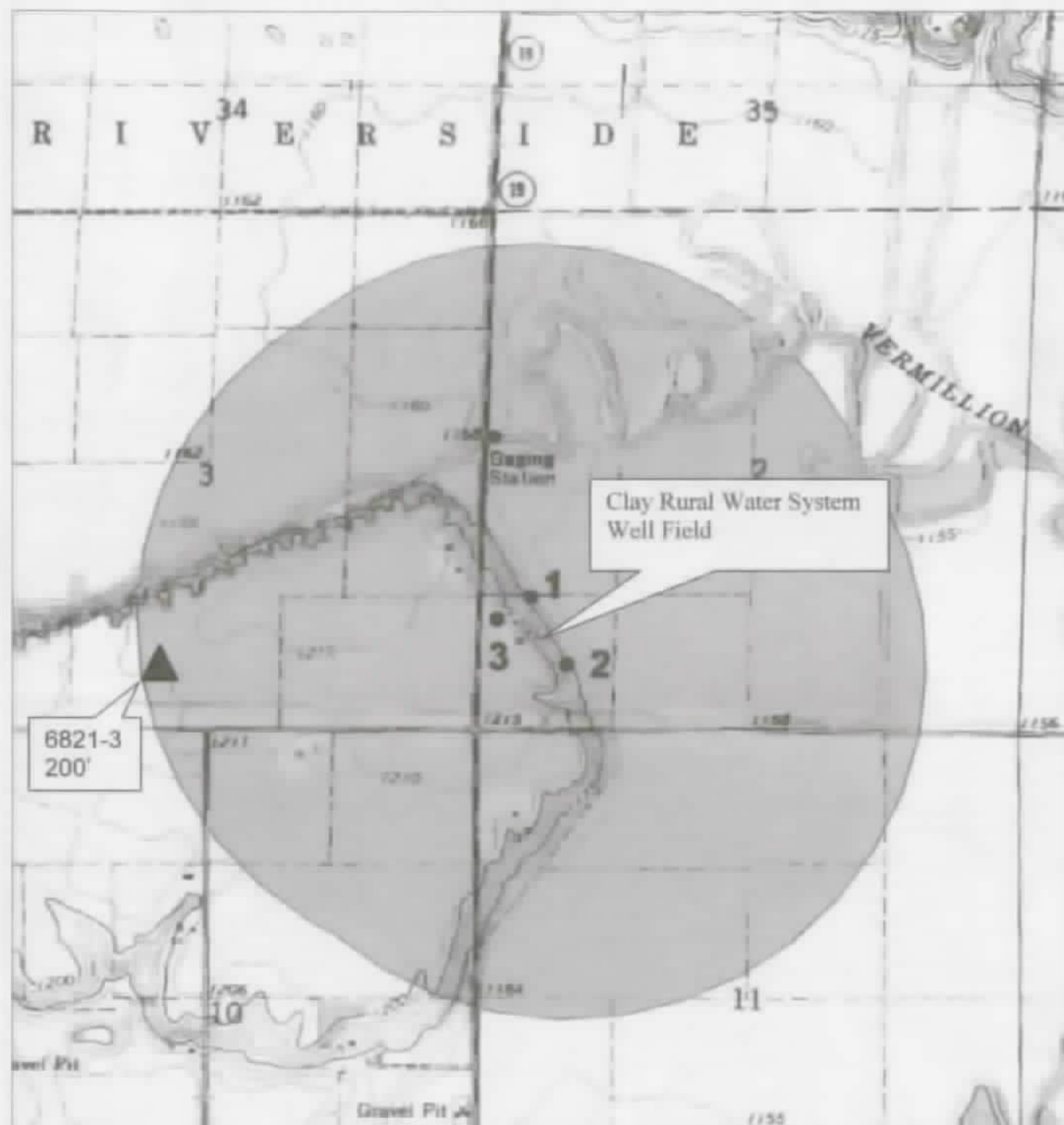
c: Roger Hansen

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MAY - 3 2007

WATER RIGHTS
PROGRAM

Clay Rural Water System - Source Water Protection Area



May 2, 2007

RECEIVED
FOR DEPOSIT ONLY
SD STATE TREASURER
MAY - 7 2007
1701009703
WATER RIGHTS BANK
PROGRAM <

COPY

Mr. Greg Merrigan
System Manager
Clay Rural Water System
30376 SD Hwy 19
Wakonda, SD 57073-6416

Dear Greg,

I received a copy of your request that there be no chemical injection through the irrigation pivot referenced in my application to appropriate water no. 6821-3. I care a lot, as you know, about protecting our aquifer and I have no problem agreeing to no chemical injection through that pivot. Thank you for your comment, it will be respected. I appreciate your support.

Roger A. Hansen
Dba Hansen Properties

Cc; Chief Engineer
Water Rights Program
Foss Building – 523 E. Capitol
Pierre, SD 57501

Eric Gronlund

06/07/07

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JUN 11 2007

WATER RIGHTS
PROGRAM

South Dakota D.E.N.R.
Water Rights
523 East Capitol Ave.
Pierre, SD 57501-3182

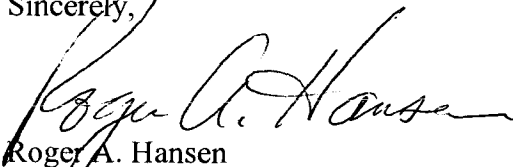
Attn: Garland Erbele, Chief Engineer

Re; Water Permit Application No. 6821-3

Dear Sir,

In earlier correspondence, in response to the comment from Mr. Greg Merrigan – Manager of Clay Rural Water System, that he and his board were concerned about possible chemigation on my water permit application No. 6821-3 near the C.R.W.S. wellhead protection area, I wrote that, “I have no problem agreeing to no chemical injection through that pivot.” I share the desire of Mr. Merrigan and the board to protect our clean aquifer. Although there are administrative rules in place that allow chemigation, I request that S.D.D.E.N.R place a permanent condition on this permit that specifically precludes any chemical injection through this pivot and is binding upon myself, any tenant or any potential future owners. I believe this will satisfy the intent that this condition be perpetual.

Sincerely,



Roger A. Hansen
P.O. Box B
Centerville, SD 57014

Cc; Mr. Merrigan – CRWS
Mr. Eric Gronlund – Water Rights



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

June 14, 2007

Roger A. Hansen
PO Box B
Centerville SD 57014

Dear Mr. Hansen:

Please find enclosed the Chief Engineer's revised recommendation for Water Permit Application No. 6821-3. The recommendation has been revised at a result of your letter requesting a permanent condition be placed on the permit to preclude any chemical injection through the pivot. Clay Rural Water System has stated that this adequately addresses their concern. The Water Rights Program will now issue the water permit with the conditions as shown. There will not be a hearing before the Water Management Board.

If you have any questions, please feel free to contact me.

Sincerely,

Eric Gronlund
Water Rights Program, DENR
605 773-3352

enclosure

cc: Greg Merrigan, System Manager, Clay Rural Water System, 30376 SD Hwy 19
Wakonda SD 57073-6416



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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www.state.sd.us/denr

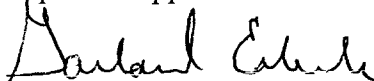
RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6821-3, Hansen Properties

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. 6821-3, Hansen Properties, c/o Roger Hansen, Box B, Centerville SD 57014.

The Chief Engineer is recommending APPROVAL of Application No. 6821-3 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 qualification:

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. The well shall be a minimum of at least 1320 feet from the Vermillion River.
2. The well authorized by Permit No. 6821-3 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. Pursuant to SDCL 46-5-6 which allows a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Permit No. 6821-3 authorizes a maximum diversion rate of ~~1.11~~ cfs for the irrigation of ~~36~~ acres with an annual volume not to exceed 2 acre-feet of water per acre per year. ⁸²⁵ _{12.00} ⁹⁵
4. 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 13, 2007

REPORT ON WATER PERMIT NO. 6821-3
For Hansen Properties
March 29, 2007

Application No. 6821-3 proposes to appropriate 2.0 cfs from one well approximately 100 feet deep located in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of section 3 to irrigate 95 acres located in the S $\frac{1}{2}$ SE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$ of section 3; all in T94N R52W in Clay County. The applicant is requesting a diversion rate greater than the statutory limit of one cfs per 70 acres.

AQUIFER – LOWER VERMILLION MISSOURI (LVM)

The Lower Vermillion Missouri is a buried outwash (sand and gravel) that appears to be under water table conditions at this site. The Lower Vermillion Missouri underlies 100,800 acres and contains an estimated 1.5 million acre-feet of recoverable water in storage in Clay County (Hedges, 1982). The aquifer extends into Union County to the southeast, blends into the Upper Vermillion Missouri aquifer to the north, and blends into the Missouri Elk Point aquifer to the south. Just to the northeast of this application the Lower Vermillion Missouri aquifer appears to be hydraulically connected to the overlying Parker Centerville aquifer and is also hydraulically connected to the Vermillion River. Ground water movement has a basic component of northwest to southeast in Clay County with locally movement toward the Vermillion River (Christensen, 1967). This would mean most of the time the aquifer is discharging to the river.

No test well was drilled for this application. At this site a well would probably encounter 150 to 175 feet of saturated sands and gravels (Christensen, 1967). The well should be completed as deep as possible into the source for a more reliable well. This is because the greater saturated thickness allows for a higher capacity well. There is a good well log for Clay Rural Water System located in the SW $\frac{1}{4}$ of section 2, T94N R52W (about $\frac{3}{4}$ miles east of this proposed well site. This log indicates sand and gravel from about 40 feet to 200 feet below land surface. The completed well had a static water level of about 57 feet below land surface and was capable of producing 1,500 gpm with 9 feet of drawdown. This is a specific capacity of 166 gpm/ft of drawdown.

There is a concern with the location of this proposed well in relation to the Vermillion River. This well location is very close to the 1,320 feet spacing from the river. This spacing is an attempt to minimize any potential impacts on river flows resulting from pumping the irrigation well.

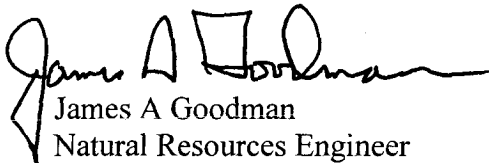
The Water Rights Program monitors an observation well CL-57B (located about one and one-half miles south of this application and completed into the Lower Vermillion Missouri aquifer. Water levels for this well shows good response to climatic conditions, that is rising water levels during wet years (recharge) and gradually declining water levels during dry years. In general, the water record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 2007). A hydrograph for this observation well is included with this report.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

The nearest existing water rights are for Clay Rural Water System. Clay Rural Water System has three production wells producing a total of 4.0 cfs (Water Right Nos. 3905-3 and 5979-3). The nearest production well is about $\frac{3}{4}$ miles east of this proposed well and is described earlier in this report. There are no other nearby permitted users from the Lower Vermillion Missouri aquifer. Interference is not expected to be a concern. At this distance between wells drawdown is not expected to be significant. This is verified by the observation well record.

CONCLUSIONS

1. Water is available from the Lower Vermillion Missouri aquifer.
2. Interference is not expected to be a concern. The observation well records indicate drawdown is not a significant in this area (see hydrograph for observation well CL-57B). The aquifer appears to be under water table conditions at the well site and drawdown created by pumping is not expected to be significant.
3. The well authorized by this application must be constructed in accordance with SD Well Construction Standards and will be more than likely much deeper than the 100 feet applied for. The applicant will need to do testing to evaluate the aquifer thickness and production in this area.
4. The well location for this application is near the Vermillion River. This production well should be at least 1,320 feet from the Vermillion River to minimize any potential impacts pumping may have on flows in the river. The proposed well site could very easily be moved to comply with this distance.
5. The applicant is requesting a rate greater than the statutory limit of one cfs per acre. This seems reasonable for this particular system design. The total permit is for 160 acre feet annually.



James A Goodman
Natural Resources Engineer

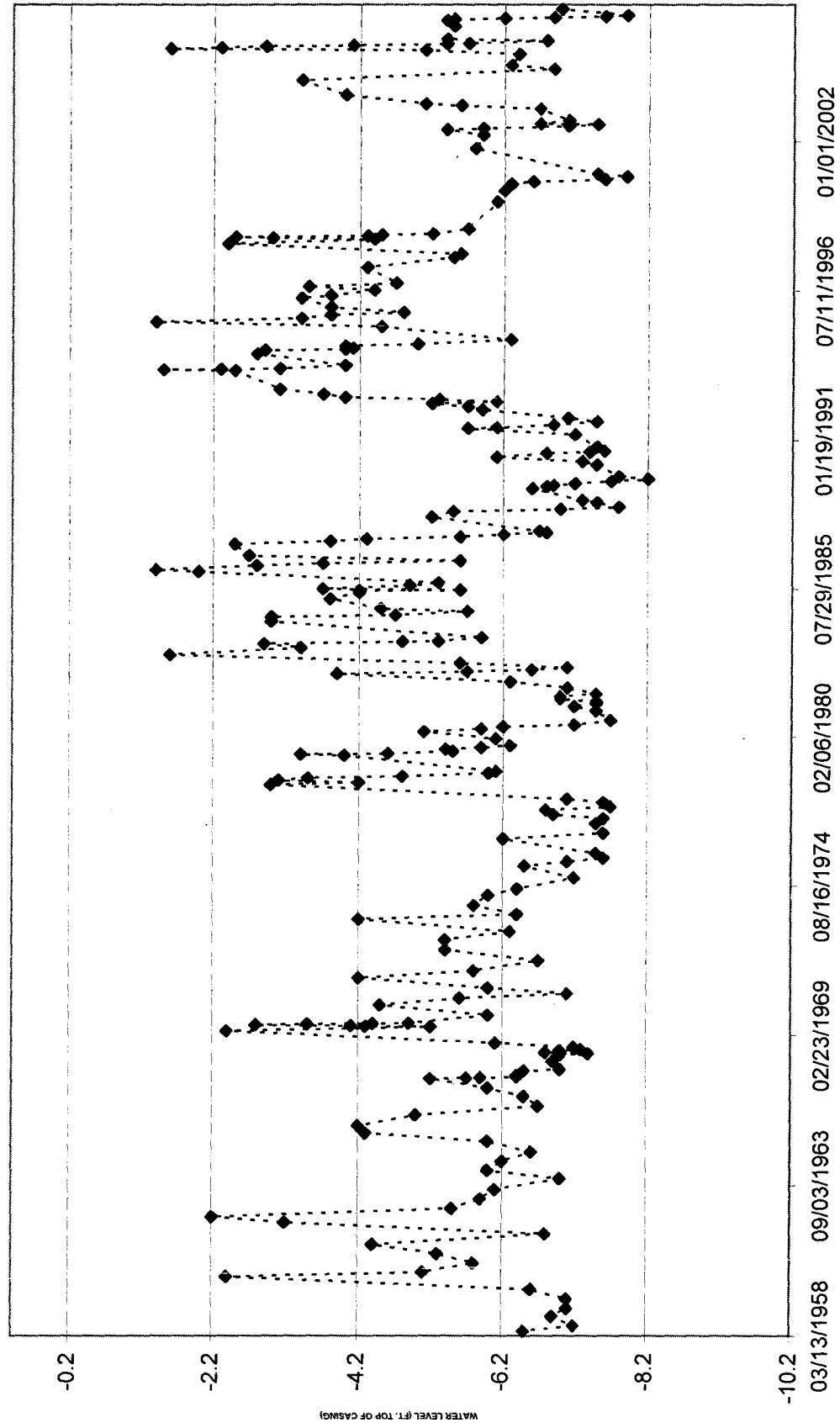
BIBLIOGRAPHY

Christensen, C.M., J.C. Stephens, 1967, Geology and Water Resources of Clay County, South Dakota, Bulletin 19, Part II Water Resources, SD DENR, SDGS, Vermillion, SD, 57069.

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

Water Rights, 2007, Unpublished Observation Well Data for Turner and Clay Counties

WATER RIGHTS' OBSERVATION WELL
CL-57B





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 17, 2007

PLAIN TALK
PO BOX 256
VERMILLION SD 57069

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application Nos. 6810-3 through 6822-3 to Appropriate Water to be published twice. Please publish the first notice on April 27, 2007 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 Hansen Properties, Box B, Centerville SD 57014 (Ph # 605-563-2212).

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. 6810-3 through 6822-3

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

Date _____

We are in receipt of your letter of April 17, 2007 enclosing Notice to Appropriate Water by Application Nos. 6810-3 through 6822-3 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 17, 2007

HANSEN PROPERTIES
BOX B
CENTERVILLE SD 57014

Dear Sir:

Water Permit Application Nos. 6810-3 through 6822-3 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 Plain Talk printed at Vermillion, SD (Ph # 605-624-2695). 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 27, 2007 with the second publication 7 days later. The applicant is responsible for payment.

Notice is given that Hansen Properties, Box B, Centerville SD 57014 has filed the following applications to appropriate water.

Application No. 6810-3 proposes to appropriate 1.56 cubic feet of water per second (cfs) from one well to be completed into the Upper Vermillion Missouri Aquifer (approximately 100 feet deep) located in the N $\frac{1}{2}$ SW $\frac{1}{4}$ Section 3 to irrigate 71 acres located in the N $\frac{1}{2}$ SW $\frac{1}{4}$ Section 3; all in T95N-R52W.

Application No. 6811-3 proposes to appropriate 1.78 cfs from one well to be completed into the Upper Vermillion Missouri Aquifer (approximately 100 feet deep) located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 10 to irrigate 115 acres located in the NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 10; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6812-3 proposes to appropriate an additional 0.67 cfs and irrigate 62 additional acres to what is currently authorized by Water Permit No. 6570-3. Water Permit No. 6570-3 authorizes 1.11 cfs from one well completed in the Upper Vermillion Missouri Aquifer (158 feet deep) located in the center of the SW $\frac{1}{4}$ Section 10 to irrigate 55 acres located in the SW $\frac{1}{4}$ Section 10; all in T95N-R52W. This application proposes to appropriate an additional 0.67 cfs from the existing well to irrigate 62 additional acres located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 10-T95N-R52W. This notice also serves to correct the water source authorized by permit No. 6570-3 to the Upper Vermillion Missouri Aquifer. This application incorporates Water Permit No. 6570-3 to authorize a total diversion of 1.78 cfs for irrigation 117 acres which is slightly greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6813-3 proposes to change the location of the well, to irrigate 46 additional acres and change the location of acreage authorized by Water Permit No. 6564-3. Water Permit No. 6564-3 authorizes 2.83 cfs from one well completed in the Lower Vermillion Missouri Aquifer (158 feet deep) located approximately 1320 feet south of the N $\frac{1}{4}$ Section 16 to irrigate 228 acres located in the S $\frac{1}{2}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$ Section 16; all in T95N-R52W. This application proposes to change the location of the well to the center of the SW $\frac{1}{4}$ Section 16 and irrigate 46 additional acres and change the location of the existing irrigation all to be located in the W $\frac{1}{2}$ Section 16-T95N-R52W. This application, with incorporation of Water Permit No. 6564-3, will authorize a total diversion of 2.83 cfs from one proposed well to irrigate 274 acres.

Application No. 6814-3 proposes to irrigate an additional 180 acres utilizing the well authorized by Water Permit No. 6563-3. Water Permit No. 6563-3 appropriates 3.34 cfs one well completed into the Lower Vermillion Missouri Aquifer (158 feet deep) located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section to irrigate 380 acres in Section 15 T95N R52W. This application proposes to irrigate 180 acres located in the E $\frac{1}{2}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 16-T95N-R52W. This application does not request an increase in the diversion rate from the well.

Application No. 6815-3 proposes to appropriate 1.78 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 150 feet deep) located in the center of the SW $\frac{1}{4}$ Section 15-T95N-R52W to irrigate 147 acres located in the S $\frac{1}{2}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, Section 15-T95N-R42W. Also this well will be utilized to irrigate 127 acres authorized by Water Permit No. 6563-3 located in the SW $\frac{1}{4}$ Section 15-T95N-R52W. If approved, this application will authorize a total diversion of 1.78 cfs to irrigate 274 acres.

Application No. 6816-3 proposes to appropriate 1.56 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 100 feet deep) located in the N $\frac{1}{2}$ SE $\frac{1}{4}$ Section 21 to irrigate 96 acres located in the N $\frac{1}{2}$ SW $\frac{1}{4}$ and the N $\frac{1}{2}$ SE $\frac{1}{4}$ Section 21; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6817-3 proposed to appropriate 0.16 cfs by increasing the diversion rate authorized by Water Permit No. 6573-3. Water Permit No. 6573-3 authorizes 1.84 cfs from one well completed into the Lower Vermillion Missouri Aquifer (158 feet deep) located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 28 to irrigate 130 acres located in the SW $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$ Section 28; all in T95N-R52W. This application proposes to increase the diversion rate from 1.84 cfs to 2.00 cfs. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6818-3 proposes to appropriate 1.55 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 100 feet deep) located in the approximate center of the NE $\frac{1}{4}$ Section 28 to irrigate 117 acres located in the N $\frac{1}{2}$ Section 28; all in T95N-R52W.

Application No. 6819-3 proposes to appropriate 1.78 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 100 feet deep) located in the N $\frac{1}{2}$ NE $\frac{1}{4}$ Section 27 to irrigate 137 acres located in the N $\frac{1}{2}$ NE $\frac{1}{4}$ Section 27 and S $\frac{1}{2}$ SE $\frac{1}{4}$ Section 22; all in T95N-R52W.

Application No. 6820-3 proposes to appropriate 1.56 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 100 feet deep) located in the approximate center of the SW $\frac{1}{4}$ Section 23 to irrigate 43 acres located in the E $\frac{1}{2}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 23; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6821-3 proposes to appropriate 2.0 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 200 feet deep) located in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 3 to irrigate 95 acres located in the S $\frac{1}{2}$ SE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 3; all in T94N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6822-3 proposes to appropriate 1.11 cfs from one well to be completed into the Lower Vermillion Missouri (approximately 150 feet deep) located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 27 to irrigate 36 acres located in the the S $\frac{1}{2}$ NE $\frac{1}{4}$ Section 27; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 6810-3 to 6822-3 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 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 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 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 14, 2007.

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.

AFFIDAVIT OF PUBLICATION

State of South Dakota, County of Clay, ss.

Penny Tucker

Being first duly sworn, deposes and says: That he/she is a resident of the County of Clay and State of South Dakota; that

THE PLAIN TALK

is a legal newspaper of general circulation, printed and published in Vermillion, in said County and State, by Broadcaster Press, Inc., and is now and has been such newspaper continuously during all the times hereinafter mentioned; that affiant is and was during all the time hereinafter mentioned in charge of the advertising department thereof, and has personal knowledge of all the facts stated in this affidavit: and that the notice and advertisement headed:

NOTICE OF APPLICATION NOS. 6810-3 THRU 6822-3

TO APPROPRIATE WATER

HANSEN PROPERTIES

a printed copy of which is hereunto attached and made a part hereof, was printed and published in the said newspaper at least once in each week

for 2 successive weeks; that said newspaper at the time of the first publication of said notice hereinafter stated, had, and still has, a bona fide circulation of over two-hundred paid copies weekly, and had been published in the said county of Clay for more than one year immediately prior to the date of the said publication of said notice, and that said newspaper during said times, was, and is, printed in part in an office maintained at said city of Vermillion, the said place of publication; that the first publication of said notice in said newspaper as aforesaid

was on Friday, the 27th day of April, 20 07, and that the succeeding publications were severally

on Friday, the 4th day of May, 20 07,

on Friday, the _____ day of _____, 20 _____,

on Friday, the _____ day of _____, 20 _____,

on Friday, the _____ day of _____, 20 _____,

that the fees charged for the printing and publication of the said notice and advertisement in said newspaper as aforesaid were

One hundred forty-four _____ dollars and 45 cents

and that said fees for the printing and publishing of said notice and advertisement have been fully paid; that the full amount of the fee charged for the publishing of the said attached annexed notice and advertisement inures to the benefit of the publisher of the said newspaper, that no agreement or understanding for the division thereof has been made with any other person and that no part thereof has been agreed to be paid to any other person whomsoever.

Penny Tucker

Subscribed and sworn to before me

this

JOAN ELWILL 20 07

NOTARY PUBLIC
SOUTH DAKOTA

My Commission Expires 04/17/2011

NOTICE OF APPLICATION NOS. 6810-3 thru 6822-3 to Appropriate Water

Notice is given that Hansen Properties, Box B, Centerville, SD 57014 has filed the following applications to appropriate water:

Application No. 6810-3 proposes to appropriate 1.56 cubic feet of water per second (cfs) from one well to be completed into the Upper Vermillion Missouri Aquifer (approximately 100 feet deep) located in the N 1/2 SW 1/4 Section 3 to irrigate 71 acres located in the N 1/2 SW 1/4 Section 3; all in T95N-R52W.

Application No. 6811-3 proposes to appropriate 1.78 cfs from one well to be completed into the Upper Vermillion Missouri Aquifer (approximately 100 feet deep) located in the NE 1/4 NW 1/4 Section 10 to irrigate 115 acres located in the NW 1/4, N 1/2 SE 1/4, NE 1/4 SW 1/4 Section 10; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6812-3 proposes to appropriate an additional 0.67 cfs and irrigate 62 additional acres to what is currently authorized by Water Permit No. 6570-3. Water Permit No. 6570-3 authorizes 1.11 cfs from one well completed in the Upper Vermillion Missouri Aquifer (158 feet deep) located in the center of the SW 1/4 Section 10 to irrigate 55 acres located in the SW 1/4 Section 10; all in T95N-R52W. This application proposes to appropriate an additional 0.67 cfs from the existing well to irrigate 62 additional acres located in the SW 1/4 SE 1/4, SE 1/4 SW 1/4 Section 10-T95N-R52W. This notice also serves to correct the water source authorized by permit No. 6570-3 to the Upper Vermillion Missouri Aquifer. This application incorporates Water Permit No. 6570-3 to authorize a total diversion of 1.78 cfs for irrigation 117 acres which is slightly greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6813-3 proposes to change the location of the well, to irrigate 46 additional acres and change the location of acreage authorized by Water Permit No. 6564-3. Water Permit No. 6564-3 authorizes 2.83 cfs from one well completed in the Lower Vermillion Missouri Aquifer (158 feet deep) located approximately 1320 feet south of the N 1/4 Section 16 to irrigate 228 acres located in the S 1/2 NW 1/4, S 1/2 NE 1/4, N 1/2 SW 1/4, N 1/2 SE 1/4 Section 16; all in T95N-R52W. This application proposes to change the location of the well to the center of the SW 1/4 Section 16 and irrigate 46 additional acres and change the location of the existing irrigation all to be located in the W 1/2 Section 16-T95N-R52W. This application, with incorporation of Water Permit No. 6564-3, will authorize a total diversion of 2.83 cfs from one proposed well to irrigate 274 acres.

Application No. 6814-3 proposes to irrigate an additional 180 acres utilizing the well authorized by

RECEIVED
MAY 11 2007
WATER RIGHTS
PROGRAM
Notary Public

Water Permit No. 6563-3. Water Permit No. 6563-3 appropriates 3.34 cfs one well completed into the Lower Vermillion Missouri Aquifer (158 feet deep) located in the SW 1/4 NW 1/4 Section 15 to irrigate 380 acres in Section 15 T95N-R52W. This application proposes to irrigate 180 acres located in the E 1/2, SE 1/4 NW 1/4, NE 1/4 SW 1/4 Section 16 T95N-R52W. This application does not request an increase in the diversion rate from the well.

Application No. 6815-3 proposes to appropriate 1.78 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 150 feet deep) located in the center of the SW 1/4 Section 15 T95N-R52W to irrigate 147 acres located in the S 1/2, S 1/2 NE 1/4, Section 15 T95N-R42W. Also this well will be utilized to irrigate 127 acres authorized by Water Permit No. 6563-3 located in the SW 1/4 Section 16 T95N-R52W. If approved, this application will authorize a total diversion of 1.78 cfs to irrigate 274 acres.

Application No. 6816-3 proposes to appropriate 1.56 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 100 feet deep) located in the N 1/2 SE 1/4 Section 21 to irrigate 96 acres located in the N 1/2 SW 1/4 and the N 1/2 SE 1/4 Section 21; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6817-3 proposed to appropriate 0.16 cfs by increasing the diversion rate authorized by Water Permit No. 6573-3. Water Permit No. 6573-3 authorizes 1.84 cfs from one well completed into the Lower Vermillion Missouri Aquifer (158 feet deep) located in the NE 1/4 SW 1/4 Section 28 to irrigate 130 acres located in the SW 1/4, S 1/2 NW 1/4 Section 28; all in T95N-R52W. This application proposes to increase the diversion rate from 1.84 cfs to 2.00 cfs. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6818-3 proposes to appropriate 1.55 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 100 feet deep) located in the approximate center of the NE 1/4 Section 28 to irrigate 117 acres located in the N 1/2 Section 28; all in T95N-R52W.

Application No. 6819-3 proposes to appropriate 1.78 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 100 feet deep) located in the N 1/2 NE 1/4 Section 27 to irrigate 137 acres located in the N 1/2 NE 1/4 Section 27 and S 1/2 SE 1/4 Section 22; all in T95N-R52W.

Application No. 6820-3 proposes to appropriate 1.56 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 100 feet deep) located in the approximate center of the SW 1/4 Section 23 to irrigate 43 acres located in the E 1/2 SW 1/4, NW 1/4 SE 1/4 Section 23; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6821-3 proposes to appropriate 2.0 cfs from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 200 feet deep) located in the SE 1/4 SW 1/4 Section 3 to irrigate 95 acres located in the S 1/2 SE 1/4, NW 1/4 SE 1/4, SE 1/4 SW 1/4 Section 3; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Application No. 6822-3 proposes to appropriate 1.11 cfs from one well to be completed into the Lower Vermillion Missouri (approximately 150 feet deep) located in the SE 1/4 NE 1/4 Section 27 to irrigate 80 acres located in the S 1/2 NE 1/4 Section 27; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit of 1 cfs per 70 acres.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 6810-3 to 6822-3 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 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 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 recommendation. The Chief Engineer's address is Water Rights Program, Poes Building, 623 E Capitol, Pierre SD 57501 606 773-6347, 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 14, 2007.

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.

Publish: April 27 & May 4, 2007



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

JUL 16 2007

Hansen Properties
c/o Roger Hansen
PO Box B
Centerville SD 57014

Dear Mr. Hansen:

Enclosed is Water Permit No. 6821-3 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

Roger Hansen Farms - Clay County, South Dakota

Irrigation Well, Pump, & Water Permit DataWell # 8 Pivot # 28**WELL DATA**

Location: in Clay County, SD Riverside Twp	SE 1/4 - Sec 3
Date the well was placed in service:	8/8/07
Depth of well in feet:	162'
Static water level:	67'
Drawdown at normal pumping volume:	10'
Normal Delivery in GPM or CFS:	800 GPM
Could the well be successfully deepened?	NO
Diameter and gauge of casing:	16" Schedule 40
Date pump was installed:	8/10/07
Make and type:	Grundfos Submersible-Electric
Diameter of column:	6 "
Length of column:	80'
Diameter of discharge pipe:	6 "
Rated capacity of bowls or pump in GPM:	800
Rated horsepower:	50
Date of most recent pump test:	8/10/07
Tested by:	Hammond/Wetmore Drilling Vermillion, SD
Original or replacement cost of well inc. casing:	\$12,717.00
Original or replacement cost of pump:	\$4,406.00
Original or replacement cost of power unit:	\$6,355.00
Estimated total replacement cost of well:	\$27,365.00

WATER PERMIT DATA

South Dakota Water Permit #	6821-3
Allowable delivery in GPM under water right:	800
Number of acres in water right:	95

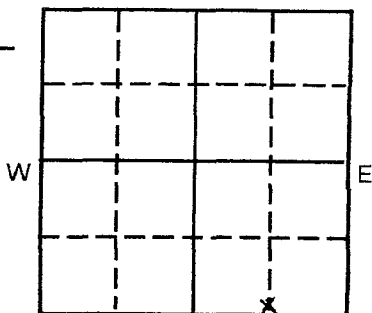
SOUTH DAKOTA WATER WELL COMPLETION REPORT

6821-3

11-02

Location sw 1/4 se 1/4 Sec 3 Twp 95n Rg 52wCounty clay North

Please mark well location with an "X"



Well Completion Date

7/23/2007

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

? 1,600.0 ft. from septic system (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

direct rotary

CASING DATA:

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	IN	FT	FT	IN
	16.00	0.0	137.0	22.00

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
		Lb/gal	0.0 Ft	131.0 Ft
Bent grt	35	9.5		

Describe grouting procedure
Tremie method

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 16.00 Inches Length 40.0 FeetMaterial PVC slottedSlot Size .060 Set From 137.0 Feet to 177.0 Feet

Other information

WAS A PACKER OR SEAL USED?

☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? HTH tablets☐ No, Why Not?

Lab sample sent to for water quality analysis

Well Owner: Roger HansenBusiness Name: Hansen PropertiesAddress: Box BCity, State, Zip: Centerville SD 57014

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
topsoil, Dk Bm, Silty	0	1
Clay, brown, silty, pebbly	1	24
Clay, gray, silty pebbly	24	57
gravel, medium to coarse, sandy	57	183

STATIC WATER LEVEL 54.0 FEET

If flowing: closed in pressure _____ PSI

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

66.0 Ft. After 2.0 Hrs. pumped 800.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: 800.0 GPM

REMARKS

RECEIVED

FEB - 1 2008

WATER RIGHTS
PROGRAMThis well was drilled under license # 666

And this report is true and accurate.

Drilling firm: Hammond-Wetmore Drilling

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: 1-26-08



6921-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 23, 2009

NOTICE

TO: HANSEN PROPERTIES, ROGER A HANSEN, PO BOX B, CENTERVILLE, SD 57014

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

SUBJECT: Reporting Requirement for 2008 Irrigation Questionnaires

Our records indicate that the 2008 Irrigation Questionnaires have not been submitted. The request for the Questionnaires was dated October 24, 2008. The Water Management Board has directed that owners of water permits who have not submitted the 2008 Irrigation Questionnaires be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine if Permit No(s) 215-3, 229-3, 973-3 & 974-3 should be amended to require the Questionnaire to be submitted each year and to determine action to be taken for violation of Water Permit No(s) 6563-3, 6565-3, 6566-3, 6567-3, 6568-3, 6569-3, 6571-3, 6572-3, 6810-3, 6811-3, 6812-3, 6813-3, 6814-3, 6815-3, 6815A-3, 6816-3, 6817-3, 6818-3, 6819-3, 6920-3, 6921-3, 6822-3, 7001-3, 7002-3 & 7003-3 qualification:

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

The hearing will be held at **10:00 am, March 11, 2009** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD, and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 6563-3, 6565-3, 6566-3, 6567-3, 6568-3, 6569-3, 6571-3, 6572-3, 6810-3, 6811-3, 6812-3, 6813-3, 6814-3, 6815-3, 6815A-3, 6816-3, 6817-3, 6818-3, 6819-3, 6920-3, 6921-3, 6822-3, 7001-3, 7002-3 & 7003-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Amend Permit No(s) 215-3, 229-3, 973-3 & 974-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
3. Postpone any action or take no action.

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

If the questionnaire(s) is (are) received in this office on/or before **March 6, 2009**, you will no longer be in violation of your permit and your name will be deleted from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352. If you prefer, you can complete the questionnaire on-line at the following link:

<https://www.state.sd.us/efrms/secure/efrms/E0455V7-IQ.pdf>

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

6921-3



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 23, 2009

Roger Hansen
Hansen Properties
PO Box B
Centerville SD 57014

Dear Mr. Hansen:

I am writing to acknowledge receipt of your 2008 irrigation questionnaires. The questionnaires were received on February 20th. You may disregard the January 23, 2009, "Notice" concerning reporting requirements for Water Permit or Right Nos. 215-3, 229-3, 973-3, 974-3, 6563-3, 6565-3, 6566-3, 6567-3, 6568-3, 6569-3, 6571-3, 6572-3, 6810-3, 6811-3, 6812-3, 6813-3, 6814-3, 6815-3, 6815A-3, 6816-3, 6817-3, 6818-3, 6819-3, 6920-3, 6921-3, 6822-3, 7001-3, 7002-3 & 7003-3.

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

We have also received the "Notice of Transfer of Ownership" form and filing fee you submitted for Water Right No. 1813-3. The transfer has been completed. The water right formerly held by Richard and Carole K Myers is now listed in your name.

Enclosed is your Receipt No. 04039 in the amount of \$2.50 which you paid for filing the ownership change. You may keep this for your records.

If you have any questions, please contact me.

Sincerely,

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

Vermillion River Water District**Report Of Examination Of Works And/Or Application Of Water To Beneficial Use**

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

I have this day, July 25, 2012, made a thorough examination of the water use system constructed by Hansen Properties of PO Box B Centerville, SD holder of Permit No. 6821-3, bearing the priority of February 20, 2007 authorizing the diversion of 2.0 cu. ft. per second of the waters of Lower Vermillion Missouri aquifer for irrigation purposes, in Clay County.

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

A. Works used to divert the water:

One well is in place with a submersible pump that is capable of producing 1.78 cfs (800 gpm)

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

Well head is approximately 40 feet from the pivot point. Water from the well is conveyed to the pivot point in an above ground PVC pipeline. The systems are powered by an electric submersible motor.

C. Works used to apply water to beneficial use: **Center Pivot**

One, eight-tower Zimmatic center pivot.

The system is in the following condition good. The point of diversion is located as follows:

Measurements made from the SE corner of Sec 13 T94N-R52W: 73 ft. north and 1,977 ft. west; 42.98267° N, 96.97143° W

The works are capable of diverting and conveying to the place of use 1.78 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 (units are in acres):

Sec 3 T94N-R52W

NW ¼ SE ¼ - 7.8

NE ¼ SE ¼ - 0.5

SE ¼ SE ¼ - 19.3

SW ¼ SE ¼ - 36.8

NE ¼ SW ¼ - 0.5

SE ¼ SW ¼ - 18.1

comprising a total of 83 acres of land and the license should be issued for 1.78 cfs. Applicable permit qualifications have been complied with Yes. Exceptions to compliance are: none.

Date: May 28, 2013



Adam Mathiowetz

DENR Water Rights Program

REPORT ON INSPECTION OF PERMIT NO. 6821-3

DATE: 7/25/12

Other permit(s) associated with the project:

**DIVERIONS POINT LEGAL LOCATION: SW ¼ SE ¼ Sec 3, T94N-R52W; 96.97143° W,
42.98267° N**

WELL INFORMATION:

- 1) Well Drilling Firm: **Hammond-Wetmore**
- 2) No. of Wells: **1**
- 3) Depth(s), feet: **183**
- 4) Well Log is available Y/N: **Yes**
- 5) Comments:

Casing:

- 1) Diameter, inches: **16**
- 2) Length, feet: **137**
- 3) Type: **PVC**

Screen:

- 1) Type: **PVC Slotted**
- 2) Length, feet: **40**
- 3) Static water level feet: **54**

Pump:

- 1) Make: **Grundfos**
- 2) Model: **submersible-electric**
- 3) Size: **6 inches**
- 4) Capacity, GPM: **800**

DIDSTRIUTION LINES OR CANALS:

- 1) TYPE: **PVC**
- 2) Length, feet: **40**

SYSTEM TYPE:**Center pivot:**

- 1) Make: **Zimmatic**
- 2) Overall length, feet: **1495**
- 3) Number of towers: **8**
- 4) Distance between towers, feet: approx.. **187**
- 5) End gun Y/N: **Yes**
- 6) High or low pressure: **Low; 45 psi**
- 7) Capacity GPM: **875**

CHEMIGATION EQUIPMENT:

- 1) Does chemigate Y/N: **No**

PERMIT QUALIFICATIONS AND REGULATIONS:

- 1) Soil and water permit lands agree with lands being irrigated and land listed on permit Y/N: **Yes**
- 2) Special qualifications to permit being abided by Y/N: **Yes**
- 3) All structures, wells and lands on map Y/N: **Yes**
- 4) Irrigation Questionnaires check to determine if permit owner started irrigation by the end of construction period Y/N: **Yes**

Roger Hansen
Hansen Properties
PO Box B
Centerville, SD - Clay County
Water Permit No. 6821-3



0 275 550 1,100 1,650 2,200 Feet

W 6821-3

Irrigated Acres

Adam Mathiowetz

Adam Mathiowetz
DENR Water Rights Program
5/28/2013



Approval of Location Change and/or Additional Diversion Point(s)

NAME: Hansen Properties, dba Roger Hansen

ADDRESS: PO Box B Centerville, SD

DATE: 6/12/2013 **COUNTY:** Clay

AUTHORITY:

Pursuant to SDCL 46-5-13.1, the location of a diversion point may be changed or additional diversion points may be licensed 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 permitted diversion point was to be in the SE ¼ SW ¼ Section 3, T94N-R52W. However the developed diversion point is in the SW ¼ SE ¼ Section 3, T94N-R52W near the pivot point. This was done due to reduced cost and ease of access to the well at the developed location. The source is the same aquifer, the Lower Vermillion Missouri aquifer, as was permitted.

- **If irrigation, no new land is irrigated**

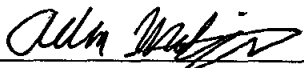
The developed system irrigates approximately 0.5 acres in each of the following quarter-quarters that were not originally permitted: NE 1/3 SE ¼ and the NE ¼ SW ¼ Section 3, T94N-R52W. However, the entire system irrigates 83 acres instead of the originally permitted 95 acres.

- **Review of Existing Diversions**

There is no increase in the chance of impairing existing domestic of appropriative users.

RECOMMENDED ACTION

Based on the above criteria, it is recommended that the diversion point(s) be licensed as developed.



Adam Mathiowetz, Natural Resources Engineer
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.



Jeanne Goodman, Chief Engineer
Water Rights Program



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

JUN 21 2013

6810-3

6812-3

6821-3

Roger Hansen
Hansen Properties
PO Box B
Centerville SD 57014

Dear Mr. Hansen:

Enclosed are Water License Nos. 6810-3, 6812-3 and 6821-3. They are the final water right documents completing your process of obtaining Water Rights. Included with each license is a map prepared by the staff engineer who conducted the field investigation.

The investigation of your water use systems found the following:

Permit No.	Authorized under Permit (limited to 2 acre feet per acre per year)	Investigation findings	License issued
6810-3	1.56 cfs (700 gpm) 71 acres 142 acre feet per year	1.78 cfs (800 gpm) 65 acres	1.56 cfs (700 gpm) 65 acres 130 acre feet per year
6812-3	1.78 cfs (800 gpm) 117 acres 234 acre feet per year	1.78 cfs (800 gpm) 66 acres	1.78 cfs (800 gpm) 66 acres 132 acre feet per year
6821-3	2.00 cfs (900 gpm) 95 acres 190 acre feet per year	1.78 cfs (800 gpm) 83 acres	1.78 cfs (800 gpm) 83 acres 166 acre feet per year

Investigations are conducted for the purpose of issuing a water license for the project as constructed. Water Licenses cannot be issued over and above what was permitted. In each case, you are limited to the diversion rate, acreage and an annual acre feet limitation of 2 acre feet per acre as outlined in the water license.

Information reported on your 2012 irrigation questionnaires indicate the authorized acre foot limitation was exceeded under No. 6810-3 and 6812-3. Reported water use for No. 6810-3 was 202.4 acre feet. The water license is limited to 130 acre feet. The water use reported for No. 6812-3 was 198.86 acre feet and the water license is limited to 132 acre feet. The Upper Vermillion Missouri Aquifer is currently under study by the SD Geological Survey. Please be aware that water use from all irrigators in the aquifer is being monitored and must be kept to authorized limits.

Page 2
Hansen Properties

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the wells authorized by Water Right Nos. 6810-3, 6812-3 and 6821-3, 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,

A handwritten signature in black ink, appearing to read "Jeanne Goodman", with a stylized, flowing script.

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

enclosures

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6821-3

(1) Hansen Properties, PO Box B, Centerville SD 57014 made Application No. 6821-3, February 20, 2007 for a water permit to divert 2.00 cubic feet of water per second from ground water (one well – Lower Vermillion Missouri Aquifer), Clay County, South Dakota for irrigation purposes. Permit No. 6821-3, with a priority date of February 20, 2007 was approved June 11, 2007 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before June 11, 2012 and for the application to beneficial use of said water on or before June 11, 2016.

Water Permit No. 6821-3 was permitted for a well located in the SE ¼ SW ¼ Section 3, T94N, R52W. An investigation of the water use system found the well was drilled in the SW ¼ SE ¼ Section 3. Pursuant to SDCL 46-5-13.1 and ARSD 74:02:01:14.01, the Chief Engineer made a finding that the change in location of the diversion point did not increase the potential for adverse effects to existing diversions.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 1.78 cubic feet of water per second for beneficial use.

The location of the diversion point is 73 feet north and 1,977 feet west of the SE corner of Section 13, T94N, R52W (SW ¼ SE ¼).

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

Section 3, T94N, R52W	NW ¼ SE ¼	7.8 acres	NE ¼ SW ¼	0.5 acres*
	NE ¼ SE ¼	0.5 acres*	SE ¼ SW ¼	18.1 acres
	SE ¼ SE ¼	19.3 acres		
	SW ¼ SE ¼	36.8 acres		
			Total irrigated acres –	83.0

*these acres a slightly out of the permitted area but were developed as part of the project and are not an increase the amount of acres authorized for irrigation. A total of 95 acres were originally permitted and 83 acres were developed.

(4) Pursuant to South Dakota Water Law 46-5-30.1 Hansen Properties, PO Box B, Centerville SD 57014 the holder and/or owner of Water Right No. 6821-3 is issued a license to appropriate water, the right to use 1.78 cubic feet of water per second from ground water (one well – Lower Vermillion Missouri Aquifer) with a priority date of February 20, 2007 from the location specified in (2) of this license for irrigation purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 6821-3 and subject to the following qualifications:

- 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. The well shall be a minimum of at least 1,320 feet from the Vermillion River.

- The well authorized by Permit No. 6821-3 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. *(Well drilled in July, 2007 by Hammond Wetmore Drilling, copy of log on file)*
- Pursuant to SDCL 46-5-36 which allows for a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Permit No. 6821-3 authorizes a maximum diversion rate of **1.78** cfs for the irrigation of **83 acres** with an annual volume not to exceed 2 acre-feet of water per acre per year. *(Originally permitted for 95 acres and 2.0 cfs; developed 83 acres and 1.78.)*
- This Permit is approved subject to the irrigation water use questionnaire being submitted each year.
- Permit No. 6821-3 prohibits applying any chemical (chemigation) through the irrigation system located in the S $\frac{1}{2}$ SE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 3, T94N, R52W *(also now includes the 0.5 acre increments described in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ and NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 3 developed as part of the project).*



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

JUN 21 2013

date





6821-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 15, 2016

NOTICE

TO: HANSEN PROPERTIES, ROGER A HANSEN, PO BOX B, CENTERVILLE, SD 57014

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

SUBJECT: Reporting Requirement for 2015 Irrigation Questionnaires

Our records indicate your 2015 Irrigation Questionnaires have not been submitted. The request for the Questionnaires was dated October 23, 2015. The Water Management Board has directed that owners of water permits who have not submitted the 2015 Irrigation Questionnaires be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine if Permit No(s) 973-3, 974-3 & 1813-3 should be amended to require the Questionnaire to be submitted each year and to determine action to be taken for violation of Water Permit No(s) 6563-3, 6565-3, 6566-3, 6568-3, 6569-3, 6571-3, 6572-3, 6810-3, 6811A-3, 6812-3, 6813-3, 6815A-3, 6816-3, 6817-3, 6818-3, 6819-3, 6820A-3, 6821-3, 6822-3, 7001-3, 7002-3, 7003-3, 7383-3, 7384-3, 7693-3, 7947-3, 7948-3, 7949-3, 7993-3, 7994-3 & 7995-3 qualification:

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

The hearing will be held at **Thursday, March 3, 2016 at 9:30 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD, and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 6563-3, 6565-3, 6566-3, 6568-3, 6569-3, 6571-3, 6572-3, 6810-3, 6811A-3, 6812-3, 6813-3, 6815A-3, 6816-3, 6817-3, 6818-3, 6819-3, 6820A-3, 6821-3, 6822-3, 7001-3, 7002-3, 7003-3, 7383-3, 7384-3, 7693-3, 7947-3, 7948-3, 7949-3, 7993-3, 7994-3 & 7995-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Amend Permit No(s) 973-3, 974-3 & 1813-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
3. Postpone any action or take no action.

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

If the questionnaire(s) is (are) received in this office before the **March 3, 2016** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. If you prefer, you can complete the questionnaire online at the following link: <http://denr.sd.gov/iq.aspx>

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



6821-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

denr.sd.gov

January 25, 2016

Roger A Hansen
Hansen Properties
PO Box B
Centerville SD 57014

RE: Water Right or Permit Nos. 973-3, 974-3, 1813-3, 6563-3, 6565-3, 6566-3, 6568-3, 6569-3, 6571-3, 6572-3, 6810-3, 6811A-3, 6812-3, 6813-3, 6815A-3, 6816-3, 6817-3, 6818-3, 6819-3, 6820A-3, 6821-3, 6822-3, 7001-3, 7002-3, 7003-3, 7383-3, 7384-3, 7693-3, 7947-3, 7948-3, 7949-3, 7993-3, 7994-3 & 7995-3 for Hansen Properties and Water Permit Nos. 8070-3, 8071-3 & 8072-3 for Hanson Irrigated Farms LLC

Dear Mr. Hansen:

I am writing to acknowledge receipt of your 2015 irrigation questionnaires.

You may disregard the January 15, 2016, "Notice" concerning reporting requirements for the above listed water rights and water permits. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

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

6821-3



121 E. 5th St. / P.O. Box 1307 / Storm Lake, IA 50588
Phone: 712.732.4117 / Fax: 712.749.7502
www.metabank.com

March 6, 2019

RECEIVED

Member FDIC

MAR 11 2019

WATER RIGHTS
PROGRAM

PAID

MAR 11 2019

Ck# 66142870

Ms. Genny McMath
DENR – Water Rights Program
Joe Foss Building
523 E Capital
Pierre, South Dakota 57501

Dear Ms. McMath,

Please find enclosed the signed transfer agreements of the water rights previously owned by Hansen Properties. Also, please find enclosed a check in the amount of \$1,750 for the fees for the transfers. Please contact me at 712-749-7545 if you have any questions.

Sincerely,

A handwritten signature in dark ink, appearing to read "Ron W. Wilcke".

Ron W. Wilcke
Market President

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

RECEIVED

MAR 11 2019

WATER RIGHTS
PROGRAMWater Right/Permit No. 6821-3Date: 2-21-19

PAID
MAR 11 2019
Ck# 66142870

I/We request that Water Right/Permit No. 6821-3 formerly owned by:Hansen Properties

be transferred to:

New Owner Name: MetaBankAddress: 5501 Broadband LaneCity, State, Zip Sioux Falls SD 57108 Telephone No. 605-361-4347

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

NW 1/4 SE 1/4 = 7.8 acres, NE 1/4 SE 1/4 = .5 acres, SE 1/4 SE 1/4 = 19.3 acres, SW 1/4 SE 1/4
for 36.8 acres, NE 1/4 SW 1/4 = .5 acres, SE 1/4 SW 1/4 = 18.1 acres, for a total of 83.0 acres in
section 3-T94N-R52W

- ☒ I understand that the validity of Water Right/Permit No. 6821-3 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, Jon W. Wilcke, Market President, MetaBank, the new owner, certify that the above information is true and correct.

Jon W. Wilcke
(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 March 11

, 20 19

MetaBank 5501 Broadband Lane Sioux Falls SD 57008

RECEIVED OF _____

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

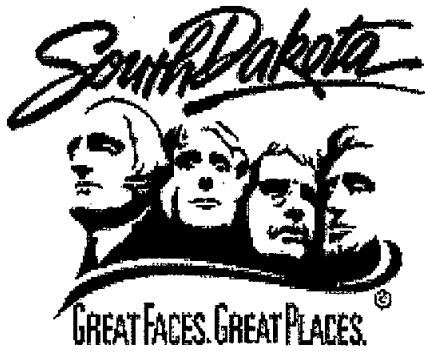
Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	50	00
Fee for Application for Permit No. _____ to Appropriate Water for Future use		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form <u>6821-3</u>		
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	50 00

No. **09068**

By

Jeanne Goodman
Chief Engineer

241



6821-3

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

March 25, 2019

Jon W Wilcke
MetaBank
PO Box 1307
Storm Lake IA 50588

RE: Ownership changes for Hansen Properties – MetaBank transfers

Dear Mr. Wilcke:

I am writing to acknowledge receipt of the transfer forms and filing fees submitted by MetaBank for transferring water permits/rights from Hansen Properties to MetaBank. The ownership changes have been completed.

Water Permit/Right Nos. 973-3, 974-3, 1813-3, 6563-3, 6565-3, 6566-3, 6568-3, 6569-3, 6571-3, 6572-3, 6810-3, 6811A-3, 6812-3, 6813-3, 6815A-3, 6816-3, 6817-3, 6818-3, 6818-3, 6819-3, 6820A-3, 6821-3, 7001-3, 7002-3, 7003-3, 7383-3, 7384-3, 7693-3, 7947-3, 7948-3, 7949-3, 7993-3, 7994-3, 7995-3, 8070-3, 8071-3, 8072-3 once held by Hansen Properties are now listed under “MetaBank” 5501 Broadband Lane, Sioux Falls SD 57108.

Please keep in mind the annual irrigation questionnaires will be mailed out in October, 2019 and any water use will need to be reported. If the bank has the land managed by someone, please let them know to keep track of water use during the irrigation season.

If you have any questions, please contact me.

Sincerely,

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

enclosures: Receipts for the filing fees

NOTICE OF TRANSFER OF OWNERSHIP

For assistance call (605) 773-3352

PAID

JAN - 9 2020

Ck# 3824

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

RECEIVED

JAN 09 2020

WATER RIGHTS
PROGRAM

Water Right/Permit No. 6821-3

Date: December 20, 2019

I/We request that Water Right/Permit No. 6821-3 formerly owned by:

MetaBank be transferred to:New Owner Name: Tim GregoireAddress: 20 West Cherry StreetCity, State, Zip Vermillion SD 57069 Telephone No. 605-670-2303

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

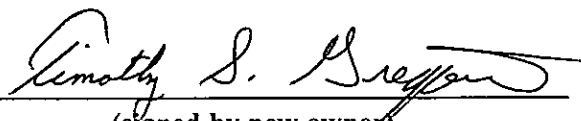
NW 1/4 SE 1/4 = 7.8 acres, NE 1/4 SE 1/4 = .5 acres, SE 1/4 SE 1/4 = 19.3 acres, SW 1/4 SE 1/4
for 36.8 acres, NE 1/4 SW 1/4 = .5 acres, SE 1/4 SW 1/4 = 18.1 acres, for a total of 83.0 acres in
section 3-T94N-R52W

☒ I understand that the validity of Water Right/Permit No. 6821-3 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, Timothy S. Gregoire, 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.

6821-3

RECEIPT

WATER RIGHTS PROGRAM
 South Dakota Department of Environment and Natural Resources

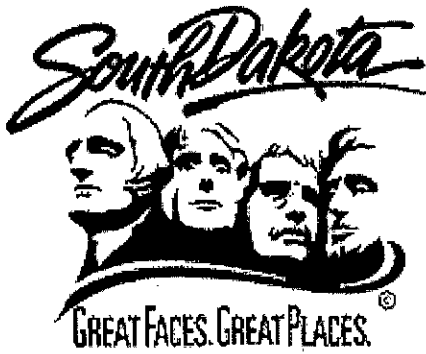
Date January 9, 20 20RECEIVED OF Tim/Johanna Gregoire 609 Colonial Court Vermillion SD 57069

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	\$
Fee for Application for Permit No. _____ to Appropriate Water for Future use	\$
Fee to retain Future Use Permit No. _____ after period of seven years.	\$
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____	\$
Fee for Filing Transfer Form <u>6821-3</u>	\$50.00
Fee for _____	\$
Fee for Issuing New Well Driller's License No. _____	\$
Fee for Renewal of Well Driller's License No. _____	\$
Fee for Issuing Well Pump Installer's License No. _____	\$
Fee for Renewal of Well Pump Installer's License No. _____	\$
(Any Other Work Provided by Law) TOTAL	\$50.00

By

Jeanne Goodman
 Chief Engineer *ym*



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

January 10, 2020

6821-3

Tim Gregoire
20 W Cherry St
Vermillion SD 57069

Dear Mr. Gregoire:

I am writing to acknowledge receipt of the transfer form and filing fee you submitted for changing ownership on Water Right No. 6821-3.

The ownership change has been completed. Water Right No. 6821-3 formerly held by MetaBank is now listed in your name.

Enclosed for your records is a receipt for the filing fee you paid. I have also included a copy of the water right in the event you do not have one. If you have any questions, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "Genny McMath". The signature is fluid and cursive, with the first name "Genny" being more prominent than the last name "McMath".

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

enclosures

Water Rights Program File Documentation

Permit/Right No. and Owner:

Permit No.	Owner	Status	Uses
973-3	Nicholas & Courtney Blake	License	Irrigation
974-3	Hansen Ventures LLC	License	Irrigation
1813-3	Hansen Ventures LLC	License	Irrigation
1916-3	Troy & Sheila Gust	License	Irrigation
3905-3	Clay Rural Water System Inc	License	Rural Water System
4731-3	Richard & Gayle Johnson	License	Irrigation
5979-3	Clay Rural Water System Inc	License	Rural Water System
6563-3	Rus Farms Real Estate LLC	License	Irrigation
6565-3	Rus Farms Real Estate LLC	License	Irrigation
6566-3	Hansen Ventures LLC	License	Irrigation
6569-3	Smit Family Trust	Permit	Irrigation
6571-3	Rus Farms Real Estate LLC	License	Irrigation
6572-3	Brad & Linda Trudeau Living Trust	License	Irrigation
6808-3	Lovejoy Family Trust	License	Irrigation
6813-3	Rus Farms Real Estate LLC	License	Irrigation
6815A-3	Rus Farms Real Estate LLC	License	Irrigation
6817-3	Hansen Ventures LLC	Permit	Irrigation
6818-3	Hansen Ventures LLC	Permit	Irrigation
6819-3	Hansen Ventures LLC	License	Irrigation
6821-3	Tim Gregoire	License	Irrigation
6822-3	Hansen Properties	Permit	Irrigation
7001-3	Rus Farms Real Estate LLC	License	Irrigation
7003-3	Hansen Ventures LLC	License	Irrigation
7383-3	Hansen Ventures LLC	Permit	Irrigation
7693-3	Hansen Ventures LLC	Permit	Irrigation

Date: January 14, 2025

County: Clay

RE: aquifer designation

COMMENTS:

Jensen (2025) as part of a review of the Lower Vermillion Missouri aquifer (LVM) determined that Water Right Nos. 973-3, 974-3, 1813-3, 1916-3, 3905-3, 4731-3, 5979-3, 6563-3, 6565-3, 6566-3, 6569-3, 6571-3, 6572-3, 6808-3, 6813-3, 6815A-3, 6817-3, 6818-3, 6819-3, 6821-3, 6822-3, 7001-3, 7003-3, 7383-3, & 7693-3, should have the aquifer reassigned. In reviewing the best information currently available for aquifer and management unit naming

conventions, the best aquifer designation for Water Rights previously listed is the Southern management unit of the Upper Vermillion Missouri aquifer (UVM:S) shown in Figure 1.

This change of aquifer designation, to the Southern management unit of the Upper Vermillion Missouri aquifer, does not represent a physical change in the water source. It is an update to the name of the aquifer materials to reflect the currently best available information for aquifer extents. This update to the aquifer name does not authorize any increase in the amount of water appropriated by Water Right Nos. 973-3, 974-3, 1813-3, 1916-3, 3905-3, 4731-3, 5979-3, 6563-3, 6565-3, 6566-3, 6569-3, 6571-3, 6572-3, 6808-3, 6813-3, 6815A-3, 6817-3, 6818-3, 6819-3, 6821-3, 6822-3, 7001-3, 7003-3, 7383-3, & 7693-3, relocation of existing wells, or completion of additional wells into the aquifer. Going forward, issuance of any pertinent documents will reflect the updated aquifer designation.

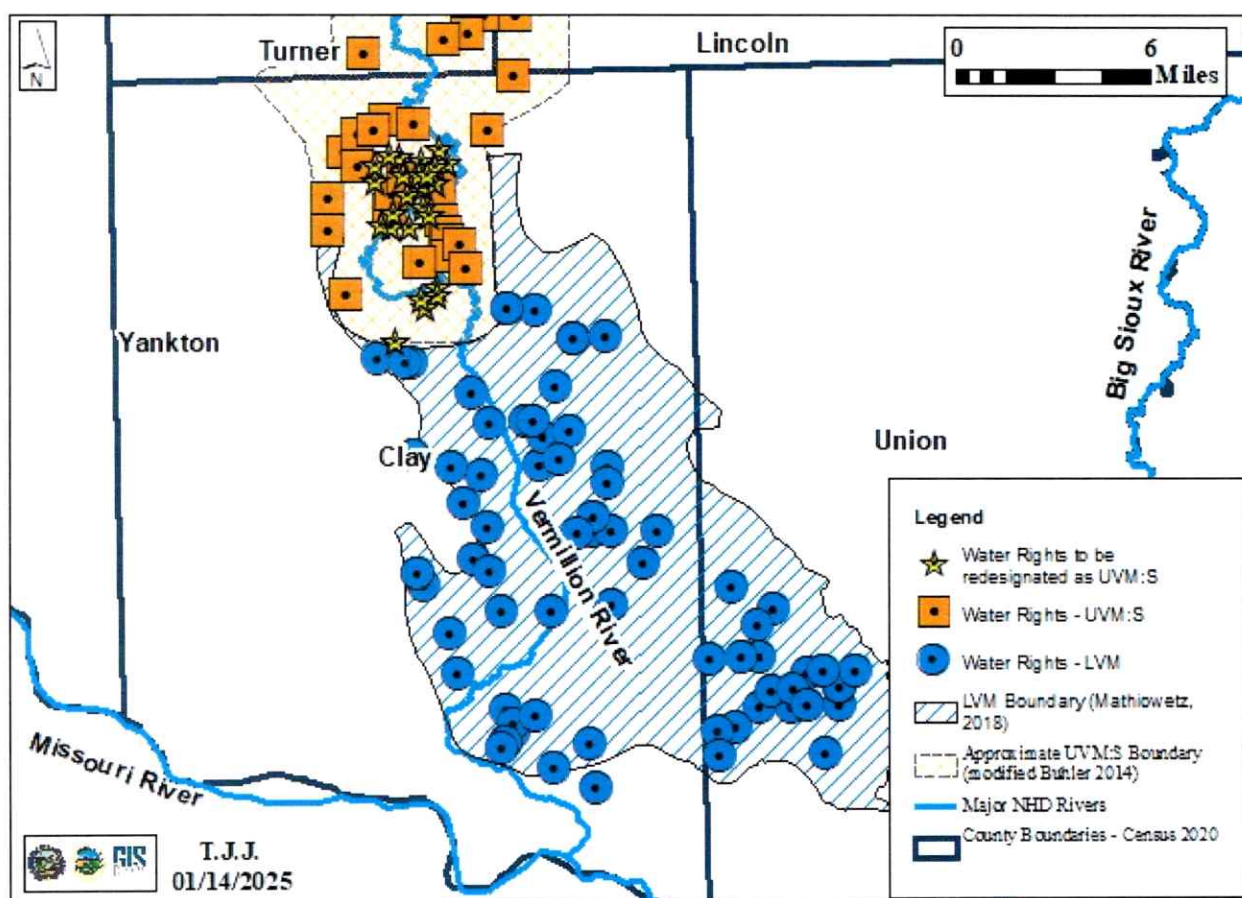


Figure 1. Map of the approximate Upper Vermillion Missouri: South aquifer boundary (Buhler, 2014), map of the approximate Lower Vermillion Missouri aquifer boundary (Mathiowetz, 2018), Water Rights/Permits for Upper Vermillion Missouri: South aquifer, Water Rights/Permits for Lower Vermillion Missouri aquifer, and Water Rights/Permits for Upper Vermillion Missouri: South aquifer previously assigned Lower Vermillion Missouri aquifer.



Tyler Jensen
Natural Resources Engineer I



Eric Gronlund
Chief Engineer

References

- Buhler, K. A. 2014. Report to the Chief Engineer on 21 Water Permit Applications from the Upper Vermillion Missouri Aquifer. SD DANR – Water Rights Program, Joe Foss Bldg. Pierre, SD.
- Jensen, T. 2025. Report to the Chief Engineer on Water Permit Application No. 8910-3. SD DANR-Water Rights Program. Joe Foss Building, Pierre, South Dakota.
- Mathiowetz, A. 2018. Report to the Chief Engineer on Water Permit Application 8335-3. Natural Resource Engineer IV, SD DANR – Water Rights Program, Joe Foss Bldg. Pierre, SD.