

WATER PERMIT NO. 6812-3

Name of Applicant: **Hansen Properties**

Address: **Box B, Centerville SD 57014** Phone: **605 563-2212**

Amount of Water Claimed: **0.67** Total Acres: **62**

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

Water to be used for: **irrigation** County: **Clay**

Type of Waste Disposal System:

Location: **3 miles south of Centerville**

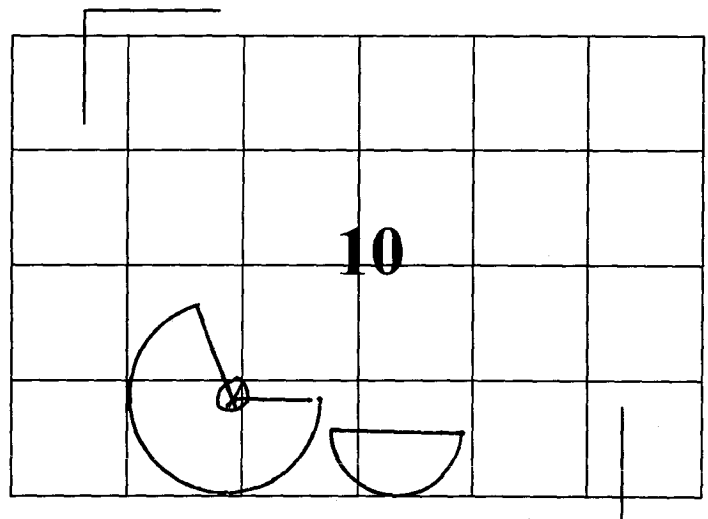
PRIORITY Date Received: **2-20-07** Application/License Fee: **\$275**

Corrected Application Received: Period of Annual Use: **April 1 – October 31**

Remarks: **Increases diversion rate and number of acres authorized by Permit No. 6570-3**

Diversion Point: **center SW ¼ Sec 10-T95N-R52W**

Land to be Irrigated: **SW ¼ SE 1/4, SE ¼ SW ¼**
Sec 10-T95N-R52W



Depth of Well:

Well Driller: : **158 feet deep**

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>6812-3</u> (office use only) Hydrologic Unit <u>10170102</u>
	Basin <u>Vermillion River</u>
	Newspaper <u>Plain Talk</u>

Application For Permit To Appropriate Water For Irrigation

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

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

add acres to Permit No. 6570-3 and add an additional center pivot to be served by the well authorized by Permit No. 6570-3. The diversion rate authority from the well increases from 1.11 cfs to 1.78 cfs (300 gpm add'l)

- 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 0.67*CFS or 300 **GPM ***AF Total Acreage 62
 (*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 authorized by Permit No. 6570-3
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Clay
approximate center of the SW 1/4 of Section 10, T95N, 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
SW 1/4 SE 1/4 Section 10, T95N, R52W	35		
SE 1/4 SW 1/4 Section 10, T95N, R52W	16		
additional to WP No. 6570-3	11		

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

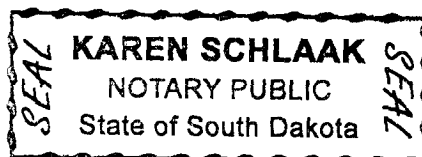
Correct number of acres authorized by Permit No. 6570-3 and add additional center pivot. The diversion rate from the well will also increase by 300 gpm. Diversion rate will be slightly greater than statutory limit due to windshield wipe rotation of the two pivots. Hansen Pivot Nos. 4 and 5

STATE OF SOUTH DAKOTA)

County of Hughes

SS

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 A. 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. 6812-3**

Date of first receipt of application February 20, 2007.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6812-3 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. 6812-3 appropriates an additional 0.67 cubic feet of water per second (cfs) and authorizes 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 permit appropriates 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 permit corrects the water source authorized by Permit No. 6570-3 to the Upper Vermillion Missouri Aquifer.
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 (0.67 cfs) and January 5, 2005 (1.11 cfs).
4. The date of approval of Permit No. 6812-3 is May 14, 2007.
5. One-fifth of the construction is to be completed on or before November 14, 2009.
6. All construction is to be completed on or before May 14, 2012.
7. Water is to be put to beneficial use on or before May 14, 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. Water Permit No. 6812-3 incorporates Permit No. 6570-3 for a total appropriation of 1.78 cfs to irrigate 117 acres.
2. The well approved under this Water Permit No. 6812-3 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 proposed well shall be located a minimum of 1320 feet from the Vermillion River.
3. The well authorized by Permit No. 6812-3 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.
4. 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. 6812-3, authorizes a maximum diversion rate of 1.78 cfs for the irrigation of 117 acres with an annual volume not to exceed 2 acre-feet of water per acre per year.

(continued)

5. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

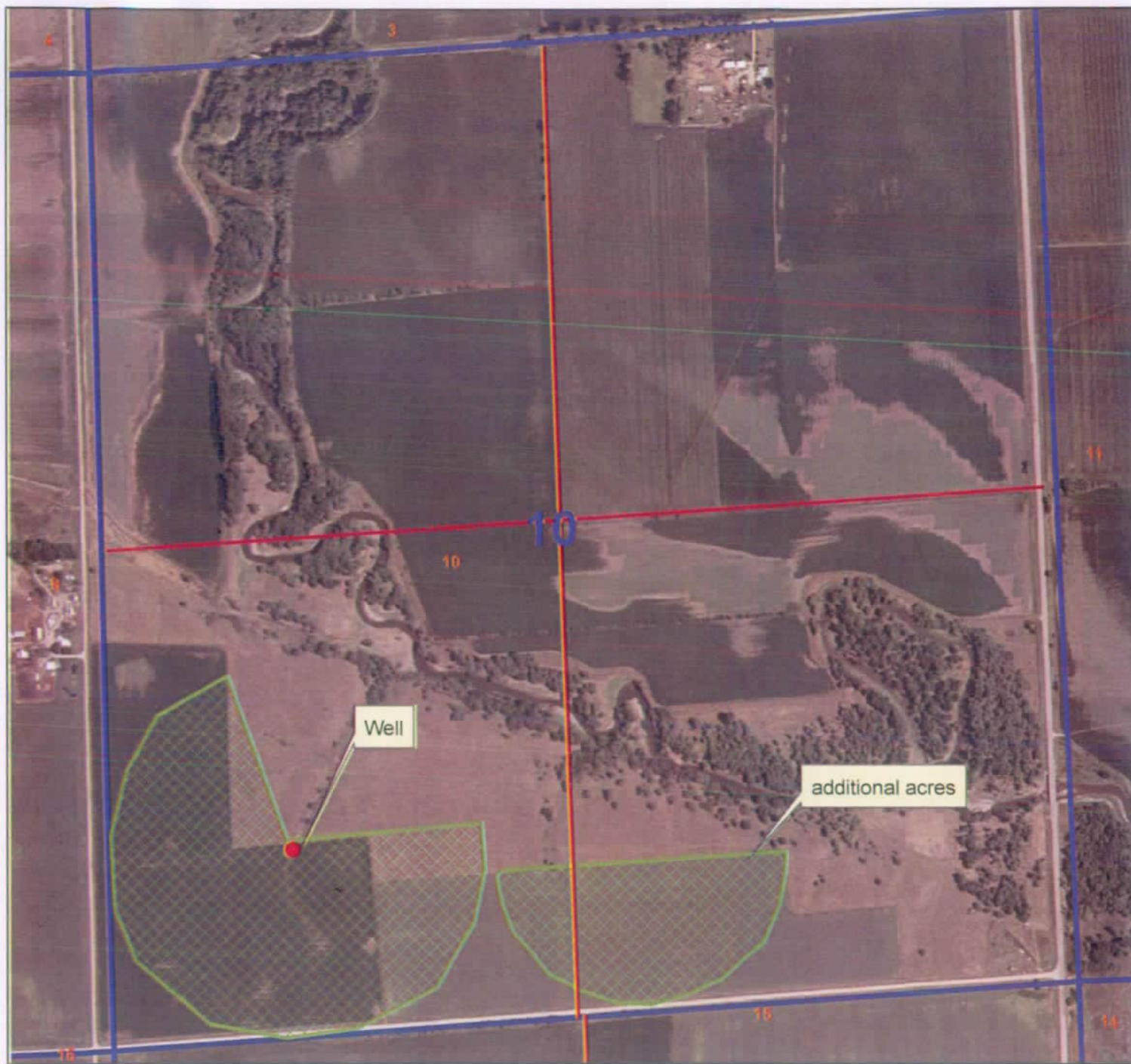
WATER MANAGEMENT BOARD

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

JUN 15 2007
date



Hansen Properties water permit application to increase diversion rate and add additional acres to Water Permit No. 6570-3



Map depicts the new location of the well authorized by WP No. 6570-3 and the location of two center pivots in the S1/2 Section 16, T95N, R52W. There are 11 additional acres to be irrigated under the pivot area authorized by No. 6570-3. An additional 51 acres will be irrigated from a new pivot making the windshield wipe rotation from this same well.



Eric Gronlund PE
Water Rights Program, DENR

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>16812-3</u> to Appropriate Water, to construct and to put water to beneficial use	225	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>16812-3</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	275.00

No.

2946

By

Garland Enbele

Chief Engineer

(KS)

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 Henderson



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



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6812-3, 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. 6812-3, Hansen Properties, c/o Roger Hansen, Box B, Centerville SD 57014.

The Chief Engineer is recommending APPROVAL of Application No. 6812-3 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. Water Permit No. 6812-3 incorporates Permit No. 6570-3 for a total appropriation of 1.78 cfs to irrigate 117 acres.
2. The well approved under this Water Permit No. 6812-3 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 proposed well shall be located a minimum of 1320 feet from the Vermillion River.
3. The well authorized by Permit No. 6812-3 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.
4. 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. 6812-3, authorizes a maximum diversion rate of 1.78 cfs for the irrigation of 117 acres with an annual volume not to exceed 2 acre-feet of water per acre per year.
5. 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. 6812-3
For Hansen Properties
March 26, 2007

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 approximately 158 feet deep located in the center of the SW $\frac{1}{4}$ of section 10 to irrigate 55 acres located in the SW $\frac{1}{4}$ of section 10; all in T95N R52W. The applicant is requesting a rate greater than the statutory limit of one cfs per 70 acres.

AQUIFER – UPPER VERMILLION MISSOURI (UVM)

The Upper Vermillion Missouri is a buried outwash (sand and gravel) that is probably under water table at this site. The Upper Vermillion Missouri underlies 11,200 acres and contains an estimated 168,000 acre-feet of recoverable water in storage in Clay County (Hedges, 1982). The aquifer extends into Turner County to the north, blends into the Lower Vermillion Missouri aquifer just south of this application and is hydraulically connected to the overlying Parker Centerville aquifer just to the south of the area.

Without test holes at this site it is impossible to identify the source of water for this application or the depth of aquifer. Based upon surrounding information the area should be underlain by Upper Vermillion Missouri aquifer (generally ranging in thickness from about 80 feet to about 180 feet). At this site a well would probably 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. What information that is available indicates that at this site the Upper Vermillion Missouri aquifer blends into the Lower Vermillion Missouri aquifer just to the south of this site. Also the Parker Centerville aquifer disappears into the Lower Vermillion Missouri in this same area. The clay layer separating the aquifers vertically disappears and the aquifers appear to be hydraulically interconnected vertically.

The Water Rights Program monitors three observation wells within three miles of this application. One of these monitor wells TU-77N (located about two miles north) is completed into the Parker Centerville aquifer, and the other two monitor wells CL-80K (located about two miles northeast of this application) and CL-66A (located about one mile south of this application) are completed into the Upper Vermillion Missouri or Lower Vermillion Missouri aquifers respectively. Water levels for these wells show 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). Hydrographs for these three observation wells are included with this report.

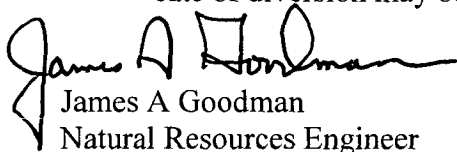
REVIEW OF EXISTING WATER PERMITS/RIGHTS

This application proposes to use a well authorized by water permit No. 6570-3. This permit authorizes a 158 feet deep well which is only an estimate because no test hole was drilled and no well completed since that permit was issued. Also, this proposed well is about one-half mile from existing irrigation wells to the west and south. At this distance between wells interference is not expected to be a concern. Drawdown is not expected to be significant and this is shown by the observation well record.

This proposed well is about 1,320 feet southwest of the Vermillion River. The Water Management Board has established spacing or distance from the Vermillion River for some irrigation permits. The purpose of this qualification was to minimize any potential impacts of pumping on flows in the river. This distance should be sufficient to minimize any potential impacts on the flows of the river.

CONCLUSIONS

1. Water is available from the Upper Vermillion Missouri aquifer.
2. This application because of the proposed well depth requests water from the Upper Vermillion Missouri aquifer. Information available for this site would indicate that total depth of the irrigation well may be over 150 feet. Interference is not expected to be a concern. The observation well records indicate drawdown is not significant. The aquifer appears to be under water table conditions in this area.
3. The well authorized by this application must be constructed in accordance with SD Well Construction Standards.
4. It appears this well will be located about 1,320 feet from Vermillion River. This would minimize any potential impact upon the river flows.
5. This application requests a diversion rate greater than the one cfs per 70 acres statutory limit. Because of the use of pivots and their configuration the greater rate of diversion may be necessary.

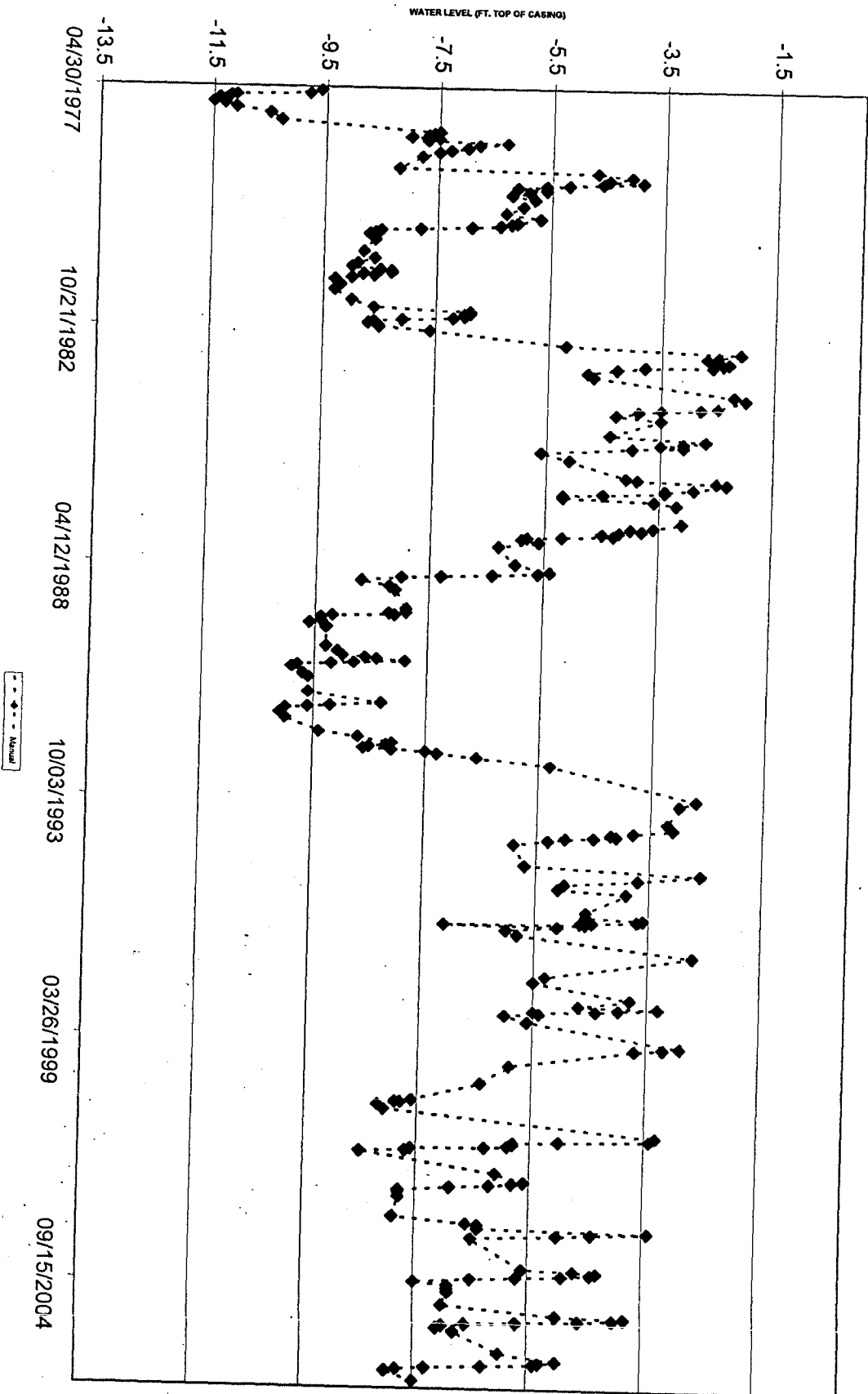

James A Goodman
Natural Resources Engineer

BIBLIOGAPHY

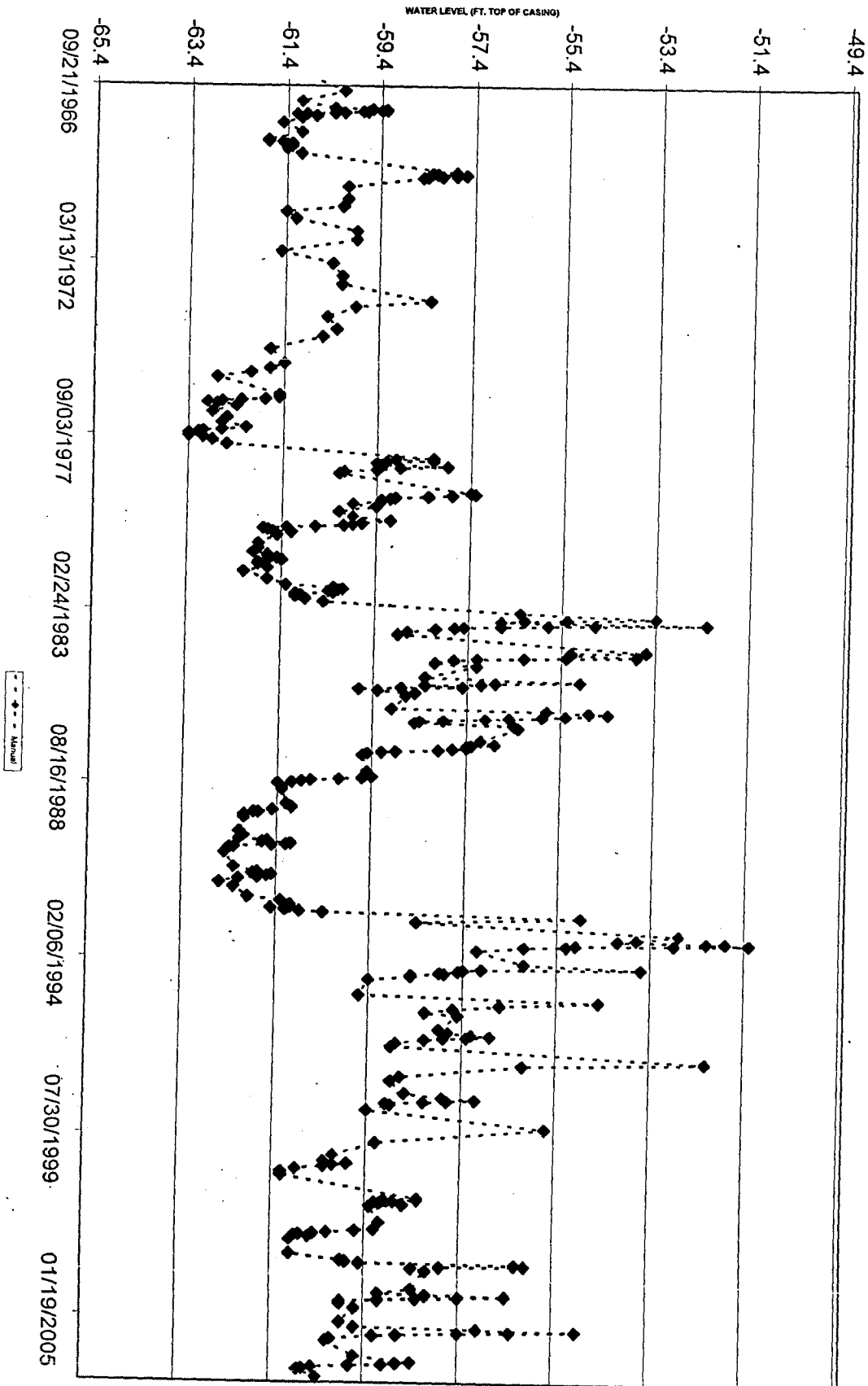
Hedges, L.S., and others, 1982, Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.

Water Rights, 2007, Unpublished Observation Well Data for Turner and Clay Counties, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

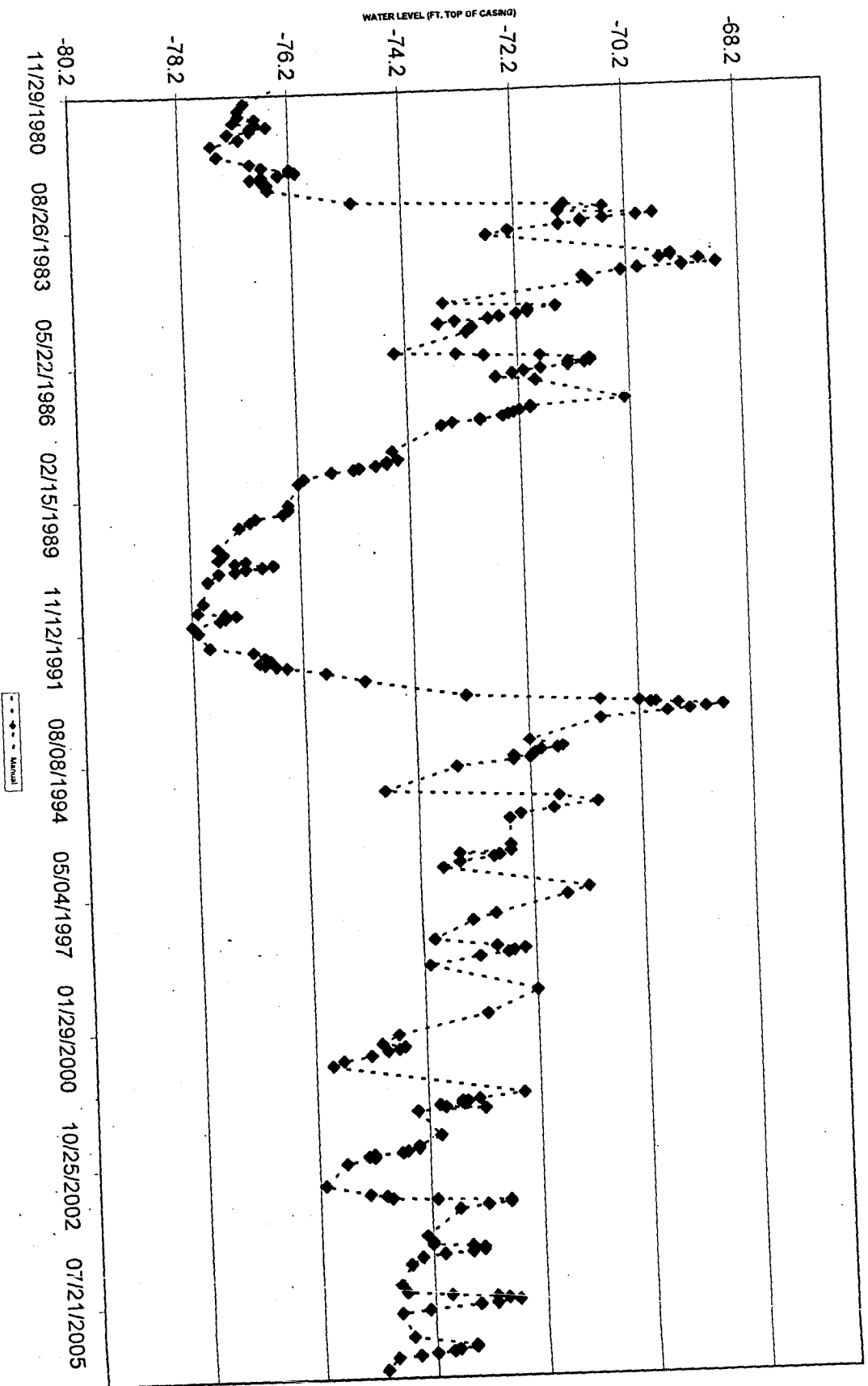
WATER RIGHTS' OBSERVATION WELL
TU-77N



WATER RIGHTS' OBSERVATION WELL
CL-66A



WATER RIGHTS' OBSERVATION WELL CL-80K



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.

Subscribed and sworn to before me

this 10th day of May, 20 07

JOAN E. WILLBOTH
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 RIGHT
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 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 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 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 1/4 NE 1/4 Section 27 to irrigate 36 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, 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.

Publish: April 27 & May 4, 2007



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-----

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

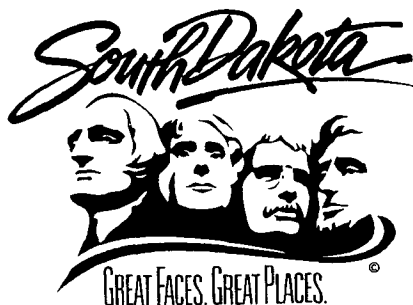
Nos. 6810-3 through 6822-3

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.

PAYMENT REQUEST FORM

PAYEE: Hansen Properties
Roger Hansen
PO Box 8
Centerville SD 57014

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

DESCRIPTION OF SERVICE, PRODUCE OR TRANSFER

Refund on Water licenses

AMOUNT: \$150.00

FUNDING SOURCE:

GENERAL: X

FEDERAL:

COMMENTS:

AUTHORIZATION:

Barak Cabala 6/15/07

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



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

JUN 15 2007

Hansen Properties
c/o Roger Hansen
PO Box 8
Centerville SD 57014

Dear Mr. Hansen:

Enclosed are Water Permit Nos. 6812-3 thru 6820-3 and 6822-3 authorizing construction of your water diversion systems and beneficial use of the water, not exceeding the limits as specified in the Water Permits.

Enclosed are the receipts for the payment of the application/license fees. A \$50 license fee was charged for Water Permit Nos. 6812-3, 6813-3 and 6814-3, when it was not required. Therefore, \$150 will be refunded to you. You should be receiving this refund within the next couple of weeks.

Form 10's, *Notice of Completion of Works and Application of Water to Beneficial Use*, are enclosed. Please return the completed forms after you have finished each 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



6812-3
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/eforms/secure/eforms/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.



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.

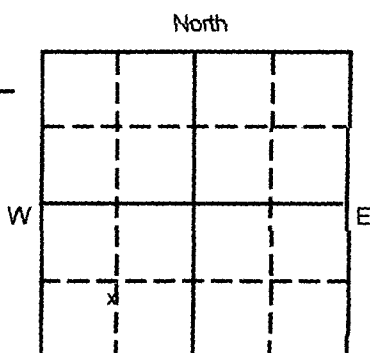
Enclosed is your Receipt No. 04039 in the amount of \$2.50 which you paid for filing the ownership change. You may keep this for your records.

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

SOUTH DAKOTA WATER WELL COMPLETION REPORT 6570-3 11-02

Location SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec 10 Twp 95n Rg 52wCounty
clayPlease mark well
location with an "X"Well Completion Date
12/21/2007Distance to nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.)
2,000.0 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:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT LB/FT	DIAMETER IN	FROM FT	TO FT	HOLE DIAMETER IN
	16.00	0.0	112.0	22.00

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight Lb/gal	From Ft	To Ft
Bent grt	29	9.5	0.0	105.0

Describe grouting procedure
Tremie method

SCREEN:

☐ Perforated pipe ☒ Manufactured
 Diameter 16.00 Inches Length 60.0 Feet
 Material PVC slotted
 Slot Size .060 Set From 112.0 Feet to 172.0 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 analysisWell Owner: Roger HansenBusiness Name: Hansen PropertiesAddress: Box BCity, State, Zip: Centerville SD 57014

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
topsoil, Dk Brn, Silty	0	1
clay, brown, silty, pebbly	1	28
clay, gray, silty, pebbly	28	55
gravel, medium to coarse, sandy	55	162
Sand, coarse, pebbly	162	180

STATIC WATER LEVEL 58.0 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

_____ Ft. After _____ Hrs. pumped _____ GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ 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: 12/29/07

2-11-08

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. **6812-3**, bearing the priority of **February 20, 2007** authorizing the diversion of **0.67** cu. ft. per second and **January 5, 2005** authorizing the diversion of **1.11** cu. ft. per second of the waters of **Upper 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 an electrically powered pump that is capable of producing 1.78 cfs (800 gpm).

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

The well head is approximately 30 feet from the pivot point. Water from the well is conveyed to the pivot point in an above ground PVC mainline.

C. Works used to apply water to beneficial use:

One 5 tower Zimmatic center pivot.

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

Measurements made from the SW corner of Sec 10 T95N-R52W: 1,098 ft. north and 1,056 ft. east; specifically 43.057° N, 96.9793° 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 follows:

Sec 10 T95N-R52W

NW¼ SW¼	14 ac
SW¼ SW¼	35 ac
SE¼ SW¼	17 ac

comprising a total of **66** 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 24, 2013**



Adam Mathiowetz
DENR Water Rights Program

REPORT ON INSPECTION OF PERMIT NO. 6812-3

DATE: 7/25/12

Other permit(s) associated with the project: 6570-3

DIVERIONS POINT LEGAL LOCATION: SW ¼ SW ¼ T95N-R52W Sec 10; 96.9793° W,
43.057° N

WELL INFORMATION:

- 1) Well Drilling Firm: **Hammond-Wetmore**
- 2) No. of Wells: **1**
- 3) Depth(s), feet: **180**
- 4) Well Log is available Y/N: **Yes**
- 5) Comments: **Well Completion Report is not in Water Permit File, but can be found in Arc Map.**

Casing:

- 1) Diameter, inches: **16**
- 2) Length, feet: **112**
- 3) Type: **PVC**

Screen:

- 1) Type: **PVC**
- 2) Length, feet: **60**
- 3) Static water level, feet: **58**

Pump:

- 1) Make: **Grundfos**
- 2) Model:
- 3) Size: **10 inches**
- 4) Capacity, GPM: **800**

Motor:

- 1) Make: **Franklin**
- 2) Model No.: **submersible**
- 3) Horsepower rating, hp: **50**

DISTRIBUTION LINES OR CANALS:

- 1) TYPE: **PVC Mainline**
- 2) Size, inches:
- 3) Length, feet: **30 feet**

SYSTEM TYPE:**Center pivot:**

- 1) Make: **Zimmatic**
- 2) Overall length, feet: **1,000; 1,100 counting end gun radius**
- 3) Number of towers: **5**
- 4) Distance between towers, feet: **200**
- 5) End gun Y/N: **Yes**
- 6) High or low pressure: **Low**
- 7) Capacity, GPM:

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. 6812-3



Adam Mathiowetz

Adam Mathiowetz
Natural Resources Engineer
DENR Water Rights Program
5/24/2013



6812-3



**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.

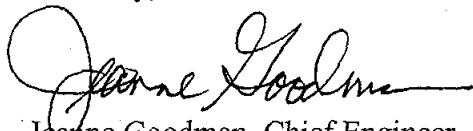
Information reported on your 2012 irrigation questionnaires indicate the authorized acre foot limitation was exceeded under No. 6810-3 and 6812-3. Reported water use for No. 6810-3 was 202.4 acre feet. The water license is limited to 130 acre feet. The water use reported for No. 6812-3 was 198.86 acre 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 flourish at the end.

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

enclosures

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6812-3

(1) Hansen Properties, Box B, Centerville SD 57014 made Application No. 6812-3, February 20, 2007 for a water permit to appropriate an additional 0.67 cubic feet of water per second (cfs) from ground water (one existing well – Upper Vermillion Missouri Aquifer), Clay County, South Dakota for irrigation of an additional 62 acres to what was currently authorized under Water Permit No. 6570-3. Permit No. 6812-3, with a priority date of February 20, 2007 was approved May 14, 2007 and incorporated the applicable portions of Water Permit No. 6570-3 authorizing a total of 1.78 cfs of water for irrigation of 117 acres. The permit was issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before May 14, 2012 and the application to beneficial use of said water on or before May 14, 2016.

(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 1,098 feet north and 1,056 feet east of the SW corner of Section 10, T95N, R52W (SW ¼ SW 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 10, T95N, R52W	
NW ¼ SW ¼	14 acres
SW ¼ SW ¼	35 acres
SE ¼ SW ¼	17 acres
Total	66 acres

(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. 6812-3 is issued a license to appropriate water, the right to use 1.78 cubic feet of water per second from ground water (one well, Upper Vermillion Missouri Aquifer) with priority dates of February 20, 2007 (0.67 cfs) and January 5, 2005 (1.11 cfs) 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. 6812-3 and subject to the following qualifications:

- Water Permit No. 6812-3 incorporated Permit No. 6570-3 for a total appropriation of 1.78 cfs to irrigate 66 acres (*originally permitted for 117 acres – developed 66*).
- 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 located a minimum of 1,320 feet from the Vermillion River.

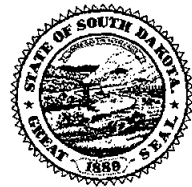
- The well authorized by Permit No. 6812-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with the Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28. (*Well drilled in December, 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. 6812-3 authorizes a maximum diversion rate of 1.78 cfs for the irrigation of **66 acres** with an annual volume not to exceed 2 acre-feet of water per acre per year. (*Originally permitted for 117 acres – developed 66 acres.*)
- 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

JUN 21 2013

date





6812-3
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.



6812-3
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

6812-3



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

PAID

MAR 11 2019

Ck# 66142870

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

MAR 11 2019

WATER RIGHTS
PROGRAM

Water Right/Permit No. 6812-3

Date: 2-21-19

I/We request that Water Right/Permit No. 6812-3 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:

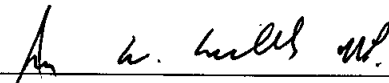
section 10-T95N-R52W. NW 1/4 SW 1/4 = 14.0 acres, SW 1/4 SW 1/4 = 35 acres, SE 1/4 SW 1/4 = 17 acres, for total of 66.0 acres

☒ I understand that the validity of Water Right/Permit No. 6812-3 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.


(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

RECEIVED OF MetaBank 5501 Broadband Lane Sioux Falls SD 57108

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>6812-3</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. **09076**

By

Jeanne Goodman
Chief Engineer
7411



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,

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: Receipts for the filing fees

NOTICE OF TRANSFER OF OWNERSHIP

For assistance call (605) 773-3352

PAID

JAN - 9 2020

Ck# 1023

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

RECEIVED

JAN 09 2020

WATER RIGHTS
PROGRAMWater Right/Permit No. 6812-3Date: December 20, 2019I/We request that Water Right/Permit No. 6812-3 formerly owned by:MetaBank be transferred to:New Owner Name: Jesse Vandestroet & Tanya VandestroetAddress: 310 Thelma AvenueCity, State, Zip Harrisburg SD 57032 Telephone No. 605-310-6292

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

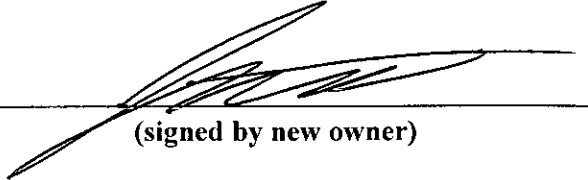
section 10-T95N-R52W. NW 1/4 SW 1/4 = 14.0 acres, SW 1/4 SW 1/4 = 35 acres, SE 1/4 SW 1/4 = 17 acres, for total of 66.0 acres

☒ I understand that the validity of Water Right/Permit No. 6812-3 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, Jesse Van De Stroet and Tanya Van De Stroet, 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

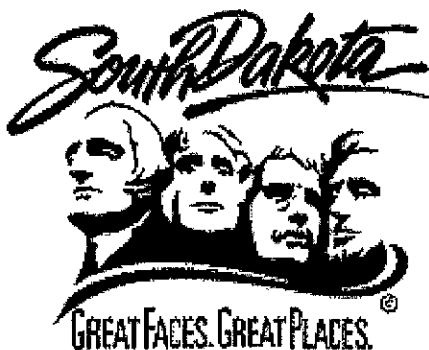
WATER RIGHTS PROGRAM South Dakota Department of Environment and Natural Resources

Date January 9, 20 20RECEIVED OF Inwood Feeders Inc. Jesse Vandestroet/Tim Devitt 240th St Inwood IA 51240

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>6812-3</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 vm



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 13, 2020

Jesse & Tanya Vandestroet
310 Thelma Ave
Harrisburg SD 57032

RE: 6568-3, 6810-3, 6811A-3, 6812-3, 6820A-3, 7002-3, 7949-3, 7993-3, 7995-3, 8072-3

Dear Mr. & Mrs. Vandestroet:

I am writing to acknowledge receipt of the transfer forms and filing fees submitted for changing ownership on the above listed water permits and water rights.

The ownership changes have been completed. Water Right and Permit Nos. 6568-3, 6810-3, 6811A-3, 6812-3, 6820A-3, 7002-3, 7949-3, 7993-3, 7995-3, 8072-3 formerly held by MetaBank are now listed in your names.

Each year we mail irrigators in South Dakota an irrigation questionnaire for reporting how much water they pumped during that specific crop season. I am enclosing a sample copy of the form to give you an idea of what type of information to keep track of during the growing season. The actual form that will need to be completed and returned to us will be mailed to you in October 2020.

Receipts for the filing fees are enclosed. If I can answer any questions, please let me know.

Sincerely,

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

enclosures

6812-3 + 7995-3



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

January 16, 2024

Jesse & Tanya Vanderstroet
310 Thelma Ave
Harrisburg SD 57032

Dear Mr. & Ms. Vanderstroet:

Permit No. 7995-3 authorizes the irrigation of 25 acres located in the S $\frac{1}{2}$ SE $\frac{1}{4}$ and Water Right No. 6812-3 authorizes the irrigation of 66 acres located in the SW $\frac{1}{4}$; all in Section 10 T95N - R52W.

A recent inspection was conducted by staff engineer, Keith DeJong, for the purpose of licensing the irrigation system for Permit No. 7995-3. The inspection found an additional 10 acres had been developed for irrigation under the center pivot for Water Right No. 6812-3 and 22 additional acres developed under the windshield wipe pivot for 7995-3. (see enclosed map)

Due to the over development of the irrigation systems, permitting for the additional acres is required. Please find also enclosed, a partially completed irrigation permit application for the over developed acres, with no addition to the rate of diversion. Fees for this new application will be \$500.00. The inspection and licensing fee of \$200.00 will be waived, as it has already been paid. Checks can be made payable to the SD Water Rights Program.

Sincerely,

Amanda Dewell
Water Rights Program
Amanda.Dewell@state.sd.us

NOTE: The inspection also found a small reservoir. So long as the dam does not store more than 25 acre-feet of water and no well water is used to supplement the water levels, no permit would be required for the dam.

enclosure

Report of Examination of Works and/or Application of Water to Beneficial Use **For Permit No. 7995-3**

I have this day, December 18, 2023, made a thorough examination of the water use systems owned by Jesse Vandestroet and Tanya Vandestroet, 310 Thelma Avenue, Harrisburg, SD 57032, holders of Permit No. 7995-3, bearing the priority date of April 10, 2014. This permit authorizes irrigation of 25 acres using water from the existing well authorized by Water Right No. 6812-3. This well appropriates groundwater from the South Management Unit of the Upper Vermillion:Missouri Aquifer in Clay County.

Inspection contacts: Jesse Vandestroet and Larry Erickson

A. Works used to divert the water:

Well Information (from WR No. 6812-3)

- 1) Well Drilling Firm: Hammond-Wetmore Drilling
- 2) No. of Wells: 1
- 3) Depth(s): 180 feet
- 4) Well log is available: Yes

Casing:

- 1) Diameter: 16 inches
- 2) Length: 112 feet
- 3) Type: Plastic

Screen:

- 1) Diameter: 16 inches
- 2) Length: 60 feet
- 3) Type: PVC
- 4) Static water level: 58 feet

Pump:

- 1) Make: Grundfos
- 2) Model: Unknown
- 3) Capacity: 800 GPM

Motor:

- 1) Make: Franklin
- 2) Model No.: Unknown
- 3) Horsepower rating: 50 hp

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

- | | | |
|--------------------------|-----------------------|--|
| 1) Type: <u>PVC</u> | Size: <u>8</u> inches | Length: <u>2,460</u> feet (<u>Well to the WP No. 7995-3 Pivot</u>) |
| 2) Type: <u>Aluminum</u> | Size: <u>8</u> inches | Length: <u>15</u> feet (<u>Well to the WR No. 6812-3 Pivot</u>) |

C. Works used to apply water to beneficial use:

Center Pivot: (WP No. 6812-3)

- 1) Make: Zimmatic
- 2) Overall length: 985 feet
- 3) Number of towers: 6
- 4) End gun: Yes, 100 feet
- 5) Capacity: 800 GPM

Center Pivot: (WP No. 7995-3)

- 1) Make: Zimmatic
- 2) Overall length: 1,010 feet
- 3) Number of towers: 7
- 4) End gun: Yes, 100 feet
- 5) Capacity: 800 GPM

Chemigation Equipment:

- 1) Does chemigate: No

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by: No
2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period: Yes
3) Exceptions to compliance are: Acres irrigated.

E. Condition and Location:

- 1) The system is in good condition with the point(s) of diversion located as follows:
The well is 1,050 feet north and 1,040 feet east of the southwest corner of Section 10-T95N-R52W, Latitude 43.05699, Longitude -96.97940– SW1/4 of the SW1/4.
2) The works are capable of diverting and conveying to the places of use 1.78 cu. ft. per second of water from the well which is to be used for irrigation purposes. Water has been put to beneficial use to the maximum extent as follows:

Section 10-T95N-R52W

SE1/4SW1/4 7 acres

SW1/4SE1/4 32 acres

SE1/4SE1/4 8 acres

comprising a total of 47 acres of land and the license should be issued for 0.0 cfs.

- 3) All structures, wells and lands on map: Yes

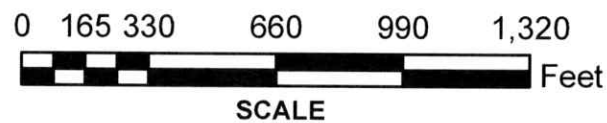
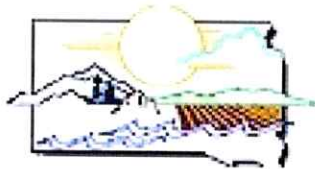
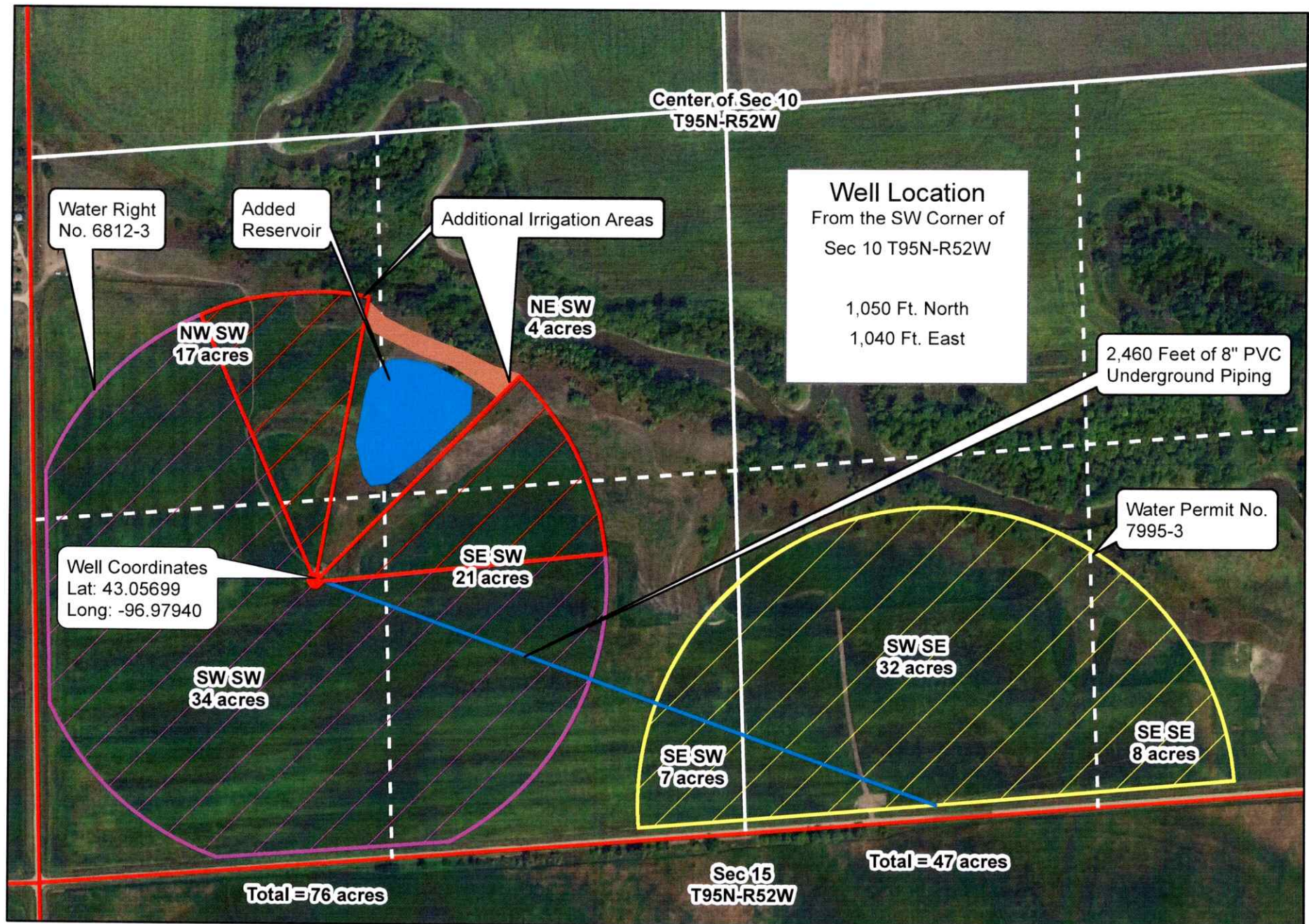
F. Comments or other permit(s) associated with the project: The system irrigates more land than what was authorized by the permit. Also, from the inspection I am noting that the pivot associated with Water Right No. 6812-3 now covers a larger area than previously reported and that a storage reservoir has been constructed at the site. The total acres (76 acres) now being irrigated by Water Right No. 6812-3 are noted on the attached map separate from the acres associated with Water Permit No. 7995-3. A new permit will be needed for the additional acres at both sites and then all of the irrigated area could be combined into one license.

Keith DeJong

Keith DeJong, PE Ret.
Water Rights Inspector
DANR, Water Rights Program

Date report completed: December 20, 2023

Water Permit No. 7995-3



Keith DeJong

Keith DeJong, PE Ret.
December 18, 2023