

WATER PERMIT NO. 6820A-3

Name of Applicant: Hansen Properties

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

Amount of Water Claimed: 1.56 CFS Total Acres: 43

Source of Water Supply: groundwater (one well)

Water to be used for: irrigation County: Clay

Type of Waste Disposal System:

Location: approximately 5 miles south of Centerville

PRIORITY Date Received: 1-23-14 Application/License Fee: \$ 100

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

Remarks: Reinstatement of Permit No. 6820-3

Diversion Point: NE 1/4 SW 1/4 Sec 23-T95N-
R52W

Land to be Irrigated: E 1/2 SW 1/4, NW 1/4 SE 1/4
Sec 23-T95N-R52W

Depth of Well: 100 feet deep

Well Driller:

Remarks:

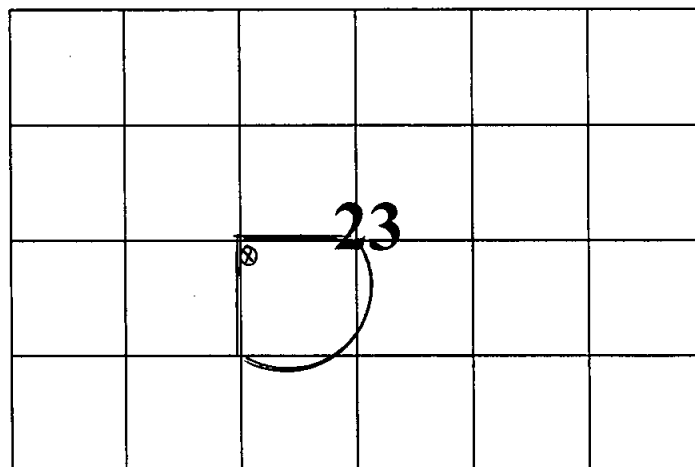
Type of Map: aerial

Prepared by:

Reviewed and the Number Assigned on: 1-23-14

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____



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

Mail to: PMB 2020 DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>6820A-3</u>	(office use only) Hydrologic Unit <u>10170102</u>
	Basin <u>Vermillion River</u>	<u>605-624</u> <u>2695</u>
	Newspaper <u>Plain Talk, 201 W Cherry St, Vermillion 57069</u>	<u>605-665-7811</u>
	<u>Pioneer Dakotan, 319 Walnut, Yankton 57078</u>	

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JAN 23 2014
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Application For Permit To Appropriate Water For Irrigation

Type of Application: ☐ New ☐ Vested Right ☒ Amendment/Correction to Permit No. 6820-3
(Use predates Mar 2, 1955)

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

Reinstatement of Water Permit No. 6820-3

1. Name to Appear on Irrigation Permit Hansen Properties

(check one) ☒ Owner ☐ Tenant/lessee ☐ Owner's Legal Agent

(name and complete address if different than above name)

Mailing Address Box B (Address) Centerville (City) SD (State) 57014 (Zip Code)

Home Phone 605 563-2212 Cell _____ Email _____

2. Amount of water claimed 1.56 *CFS or 700 **GPM _____ ***AF Total Acreage 43
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply one well - LVM Aquifer

4. Location of point of diversion approximate center of the SW 1/4 Section 23, T95N, R52W - 6820-3
(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)

NE 1/4 SW 1/4 Sec 23 - T95N - R52W County Clay

5. County or counties where water will be used Clay

6. Annual period during which water is to be used April 1 - October 31

7. List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
(Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
NE 1/4 SW 1/4 Section 23, T95N, R52W	37		
NW 1/4 SE 1/4 Section 23, T95N, R52W	3		
SE 1/4 SW 1/4 Section 23, T95N, R52W	3		

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

Hansen Pivot No. 3 Will construct a pivot on parcel that will only make a 1/4 rotation. Need 700 gpm to operate pivot.

Pivot #3

I, Roger Hansen, the applicant, certify that I have read this application, have examined the attached map, and that the matters stated are true.

SOUTH DAKOTA
WATER PERMIT NO. 6820A-3

Date of first receipt of application January 23, 2014.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6820A-3 to Hansen Properties, 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. 6820A-3 reinstates Water Permit No. 6820-3. Water Permit No. 6820-3 appropriates 1.56 cubic feet of water per second (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 permit was approved May 14, 2007, and the project was to be completed May 14, 2012, with water being put to beneficial use by May 14, 2016. This permit reinstates Water Permit No. 6820-3 since the project has not been completed. This permit authorizes the well to be located in NE 1/4 SW 1/4 Section 23-T95N-R52W and the water source is the South Management Unit of 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 January 23, 2014.
4. The date of approval of Permit No. 6820A-3 is April 7, 2014.
5. One-fifth of the construction is to be completed on or before October 7, 2016.
6. All construction is to be completed on or before April 7, 2019.
7. Water is to be put to beneficial use on or before April 7, 2023.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

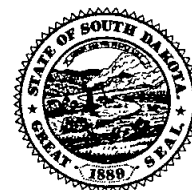
1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The well authorized by Permit No. 6820A-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. 6820A-3 authorizes a maximum diversion rate of 1.56 cfs for the irrigation of 43 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.

WATER MANAGEMENT BOARD

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

MAY 02 2014

date



Supplemental Information

(type or print)

1. Well Information (check one or both as applicable) ☒ Drilling new well(s) ☐ Using existing well(s)

a) If new wells, how many 1 Have test holes been drilled ☐ Yes ☒ No Drilled by _____
(if yes, please provide copies of logs)

b) If existing wells, how many _____ Provide copy of log(s), if available. Drilled by _____

c) Well Depth 100 Depth to Top of Water Bearing Material 25 Depth to Water from Surface 25

d) Distance to nearest existing domestic well:

On applicant's property NA

On property owned by others >2400' S.W.

2. Wastewater Disposal System Information

a) Type of System (i.e. septic tank, drain field) _____

b) System Capacity (gallons) _____ Year Constructed _____

c) Connected to the City of _____ Sanitary System

3. Dugout Information

a) Surface Dimensions _____ Depth _____

b) Depth to water (ground surface to water level) _____

4. Water Storage Dams

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

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

b) Freeboard _____

c) Crest Width _____

Crest Length _____

d) Height _____

e) Primary Outlet Capacity _____

If pipe, diameter _____

f) Secondary Spillway Capacity _____

Spillway Width _____

g) X & Y Slope (e.g. 3 to 1 is a typical slope)

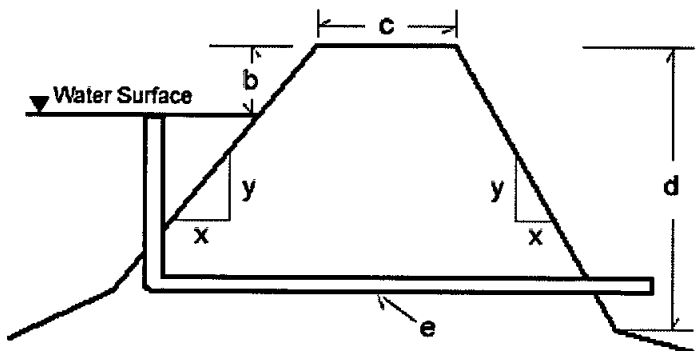
Upstream _____

Downstream _____

h) Surface Area of Impoundment _____

i) Storage _____ Acre Feet

j) Drainage Area Above Dam _____ Acres



Hansen Properties water permit application to irrigate portions of the S 1/2 Section 23, T95N, R52W



0 445 890 1,780 2,670 3,560 Feet

Map depicts the location of the proposed well and a center pivot to make a 1/4 rotation to irrigate 43 acres in the S 1/2 Section 23, T95N, R52W



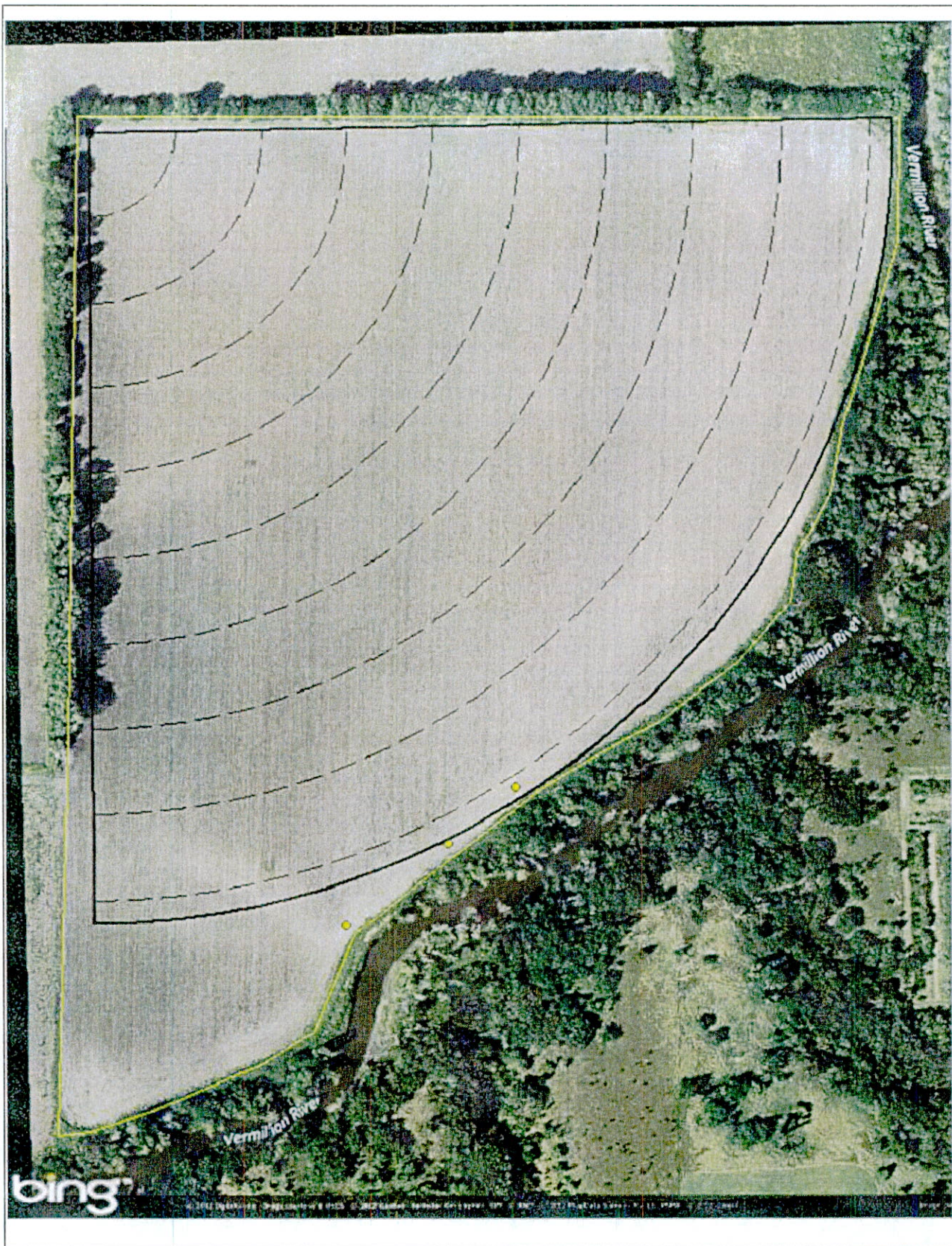
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Eric Gronlund

Eric Gronlund PE
Water Rights Program, DENR



Petersen Ag Systems, Inc. Norfolk, NE 402-379-9849 office

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South Dakota Department of Environment and Natural Resources

Date 1/23, 20 14

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. _____ to Appropriate Water, to construct and to put water to beneficial use	100	00
Fee for Application for Permit No. _____ to Appropriate Water for Future use		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form _____		
Fee for Reinstatement of Water permit No. 6820-3		
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. _____	100	00
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	100 00

No. **06677**

By *J. M. Hansen*
Chief Engineer



DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES

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



March 17, 2014

Sharon Deeb
30248 Colfax Avenue
Centerville SD 57014

Dear Ms. Deeb:

Please find enclosed the staff reports, recommendations and the public notice for water permit applications filed by Hansen Properties that are set for public notice. The notice is to be published in the Plain Talk and Press & Dakotan on March 28, 2014.

This information is being sent as you have expressed concern regarding the irrigation development in proximity to a domestic well you use for livestock watering.

Sincerely,

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

enclosures



DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES

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



March 17, 2014

Brad D or Linda R Trudeau
46212 301st St
Centerville SD 57014

Dear Sir:

Please find enclosed the staff reports, recommendations and the public notice for water permit applications filed by Hansen Properties that are set for public notice. The notice is to be published in the Plain Talk and Press & Dakotan on March 28, 2014.

This information is being sent as you have expressed concern regarding the irrigation development in proximity to your pending Water Right application.

Sincerely,

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

enclosures



**DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES**

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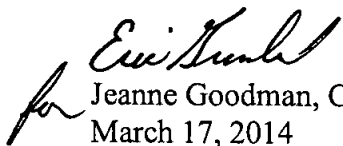
**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6820A-3, Hansen Properties**

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. 6820A-3, Hansen Properties, c/o Roger Hansen, PO Box B, Centerville SD 57014.

The Chief Engineer is recommending APPROVAL of Application No. 6820A-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use with the following qualifications:

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The well authorized by Permit No. 6820A-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. 6820A-3 authorizes a maximum diversion rate of 1.56 cfs for the irrigation of 43 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.

See report on application for additional information.


for Jeanne Goodman, Chief Engineer
March 17, 2014

NOTE: DENR recommends that to the extent possible the well be located away from the Vermillion River as far as practicable.

REPORT TO THE CHIEF ENGINEER
ON
WATER PERMIT APPLICATION NO. 6820A-3
HANSEN PROPERTIES
C/O ROGER A. HANSEN
MARCH 13, 2014

Water Permit Application No. 6820A-3 proposes to reinstate Water Permit No. 6820-3 pursuant to South Dakota Codified Law (SDCL) 46-2A-8.1. Water Permit No. 6820-3 appropriates 1.56 cubic feet of water per second (cfs) from one well to be completed into the Lower Vermillion Missouri aquifer (approximately 100 feet deep) to be located in the approximate center of the SW ¼ Section 23 to irrigate 43 acres located in the E ½ SE ¼ and the NW ¼ SE ¼ Section 23; all in T95N-R52W in Clay County. Water Permit No. 6820-3 was approved May 14, 2007, and the project was to be completed May 14, 2012, with water being put to beneficial use by May 14, 2016. Permit Application No. 6820A-3 proposes to reinstate Water Permit No. 6820-3 because the project has not been completed. This application also requests a diversion point located in the NE ¼ SW ¼ Section 23; T-95N-R52W in Clay County. The applicant has requested a diversion rate in excess of the statutory limit of one cfs per 70 acres.

AQUIFER: South management unit of the Upper Vermillion Missouri (UVM: S)

GEOLOGY AND AQUIFER CHARACTERISTICS:

The Upper Vermillion Missouri aquifer underlies portions of Clay, Hutchinson, Lincoln, Turner, and Yankton Counties (Buhler, 2014). Geologic and hydrologic conditions allow for the aquifer to be considered as three management units (i.e. North, South, and West). A description of the Upper Vermillion Missouri aquifer is available in "Report to the Chief Engineer on 21 Water Permit Application from the Upper Vermillion Missouri Aquifer, February 1, 2014" (Buhler, 2014). The diversion point requested by this application is located in the South management unit of the Upper Vermillion Missouri aquifer. The latest aquifer delineation of the Upper Vermillion Missouri aquifer resulted in a change of location of the southern border of the aquifer further south to include the diversion point proposed by this application.

SDCL 46-2A-9

Pursuant to SDCL 46-2A-9, a permit to appropriate water may be issued only if there is a reasonable probability that there is unappropriated water available for the applicant's proposed use, that the proposed diversion can be developed without unlawful impairment of existing rights, and that the proposed use is a beneficial use and in the public interest. This report will address the availability of unappropriated water and existing rights from the aquifer that are pertinent to the application.

WATER AVAILABILITY:

This application proposes to appropriate water from the Upper Vermillion Missouri: South aquifer. This application proposes to irrigate 43 acres. Based on the *average application rate per permitted acreage* (Buhler, 2014), use is expected to be approximately 21.5 ac-ft/yr (ac-ft/yr). The probability of unappropriated water available from an aquifer can be evaluated by considering 46-6-3.1, which requires "No application to appropriate groundwater may be approved if, according to the best information reasonably available, it is probable that the quantity of water withdrawn annual from a

ground water source will exceed the quantity of the average estimated annual recharge of water to the groundwater source.” If the source of the water is older or stratigraphically lower than the Greenhorn Formation and a public water system has applied for a permit, the Water Management Board need not consider the recharge/withdrawal issue. In this case, the aquifer is not stratigraphically lower than the Greenhorn Formation and the applicant is not a public water system.

Observation Well Data:

The DENR-Water Rights Program monitors five observation wells completed into the South management unit of the Upper Vermillion Missouri aquifer and two observation wells (CL-66AR and CL-80J) that were originally coded as completed into the Lower Vermillion Missouri aquifer. However, due to the ongoing investigation by the SD DENR-Geological survey, observation wells CL-66AR and CL-80J will likely now be coded as the Upper Vermillion Missouri: South aquifer. All seven hydrographs for the observation wells show upward trending water levels over their respective periods of record. The hydrographs document changes in climatic conditions and the temporal impacts of pumping. Since climatic conditions mask temporal impacts, well withdrawals from this management unit are not stressing the system to the extent where natural discharge is impacted. Therefore, groundwater outflow is available for “capture.” The observation wells in this management unit document unappropriated water is available for appropriation. The nearest observation well to the proposed well site is CL-66AR. The hydrograph for CL-66AR is shown in Figure 1.

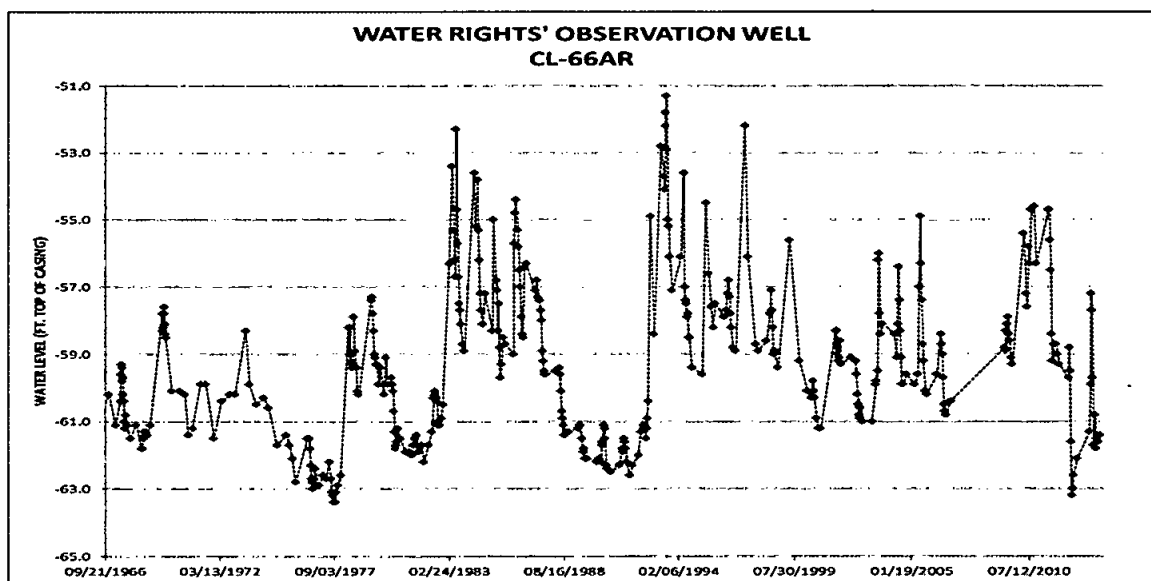


Figure 1- Hydrograph for observation well CL-66AR (Water Rights, 2014a)

2014 Flow Net Analysis:

A recent analysis of the Upper Vermillion Missouri aquifer indicates that recharge exceeds withdrawal from the Upper Vermillion Missouri: South by an estimated 5,637 to 8,223 ac-ft/yr (Buhler, 2014). At its March 6, 2014 meeting, the Water Management Board approved 12 water permit application (Nos. 7441-3, 7442-3, 7466-3, 7467-3, 7600-3, 7601-3, 7603-3, 7623-3, 7653-3, 7900-3, 7690-3, and 7919-3) authorizing the irrigation of 1,520.83 acres. The average annual withdrawal that is expected to be associated with these proposed appropriations was estimated based on the average application rate per permitted acreage for the Upper Vermillion Missouri aquifer to be 760.4 acre-feet per year (Buhler, 2014). Using the most conservative value (5,637 ac-ft/yr), that means there is at least 4,876.6 ac-ft/yr

for this proposed appropriation. This application is expected to use 21.5 ac-ft/yr, using Buhler's (2014) method. Therefore, there is a reasonable probability that unappropriated water is available to supply this proposed appropriation.

EXISTING WATER RIGHTS:

The nearest appropriative withdrawal is authorized by Water Right No. 1916-3 from a gravel pit that is approximately 550 feet northwest of the proposed well site (Water Rights, 2014b). The original application for Water Right No. 1916-3, from March, 1972, stated the gravel pit was between 25 and 75 feet deep (Water Rights, 2014b). There are no domestic wells on file with the DENR-Water Rights Program within approximately one mile that appears to be completed into the Upper Vermillion Missouri: South aquifer (Water Rights, 2014c).

However, the Upper Vermillion Missouri aquifer is primarily under artesian conditions, drawdown due to pumping can extend away from an individual production well. Drawdown measured in pumping tests of irrigation wells ranged from six to 92 feet (Water Rights, 2014b and 2014c). Well interference has historically not been a problem from the aquifer. Figure 2 shows a map of the area around observation well TU-77M, which is completed into the Upper Vermillion Missouri: South. The observation well is located in an area where there is a concentration of irrigation wells. The hydrograph for the observation well TU-77M is shown in Figure 3. The hydrograph documents a fluctuation of 18 feet.



Figure 2- Map of the area of TU-77M (Buhler 2014)

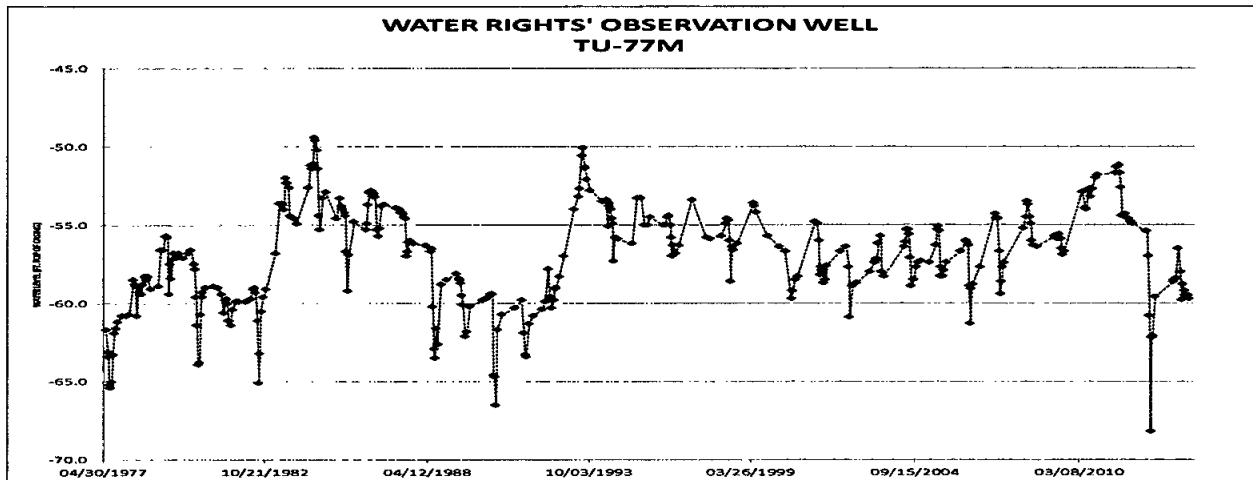


Figure 3- Hydrograph for observation well TU-77m (Water Rights, 2014a)

The aquifer is under unconfined conditions in the area of this application. Drawdown will not extend far from the pumped well. Therefore, pumping from the proposed well will not be adverse to the dugout or other existing appropriative or domestic users.

SDCL 46-5-6

Pursuant to SDCL 46-5-6, the diversion rate for an irrigation appropriation cannot be in excess of one cfs for every 70 acres, or "the equivalent thereof." The statute does provide that the Water Management Board may allow a greater diversion rate if the method of irrigation so requires. Water Permit Application No. 6820A-3 proposes to divert 1.56 cfs from the Upper Vermillion Missouri: South aquifer for the irrigation of 43 acres, or the equivalent of 2.54 cfs per 70 acres. The applicant stated in the application the center pivot will only make a quarter rotation and 700 gallons per minute (1.56 cfs) is needed to operate properly. In the past, it has been accepted that to run a center pivot that only makes a partial rotation a diversion rate greater than the statutory limit is often required.

SPECIAL CONSIDERATIONS:

The report for the Application No. 6820-3 stated there is a concern with the location of the original proposed diversion point in relation to the Vermillion River (Goodman, 2007). The original proposed well site was less than 1,320 feet from the Vermillion River. Goodman (2007) stated that locating a well greater than 1,320 feet from the Vermillion River would minimize any potential impacts on river flow from pumping the irrigation well. Consequently, a qualification on Water Permit No. 6820-3 required the well to be located at least 1,320 feet from the Vermillion River. However, there was no pump test data or other site specific data indicating 1,320 feet was necessary and should be a suggestion but not a condition of the permit.

CONCLUSIONS:

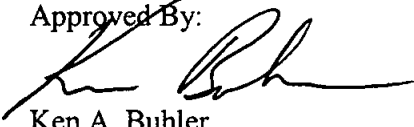
1. Water Permit Application No. 6820A-3 proposes to reinstate Water Permit No. 6820-3 pursuant to SDCL 46-2A-8.1.
2. Water Permit No. 6820-3 appropriated 1.56 cfs from the Upper Vermillion Missouri: South aquifer for the irrigation of 43 acres in Clay County.
3. There is a reasonable probability that unappropriated water is available from the Upper Vermillion Missouri: South aquifer for this proposed appropriation.

4. There is a reasonable probability that the diversion rate requested by this application can be made without adversely impacting existing water rights/permits and domestic users.
5. The applicant is requesting a diversion rate greater than the statutory limit. The applicant state that the diversion rate is required to operate the center pivot because it only makes a quarter rotation. In the past the Water Management Board has accepted this as a valid reason for the request.
6. Water Permit No. 6820-3 had a permit qualification requiring the well to be located no closer than 1,320 feet from the Vermillion River. However, there was no pump test data or other site specific data indicating 1,320 feet was necessary and should be a suggestion but not a condition of the permit.



Adam W. Mathiowetz
SD DENR-Water Rights Program

Approved By:



Ken A. Buhler
SD DENR-Water Rights Program

REFERENCES:

- Buhler, K.A. 2014. Report on 21 Water permits Application from the Upper Vermillion Missouri Aquifer. SD DENR-Water Rights Program. Joe Foss Bldg., Pierre, South Dakota.
- Goodman, J.A. 2007. Report on Water Permit Application No. 6820-3 for Hansen Properties. SD DENR-Water Rights Program. Joe Foss Bldg., Pierre, South Dakota.
- SDGS. In Progress. Hydrogeologic study of the Upper Vermillion Missouri aquifer. SD DENR-Geological Survey. Vermillion, South Dakota.
- Water Rights. 2014a. Observation Well Files, SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, South Dakota.
- Water Rights. 2014b. Water Right/Permit Files, SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, South Dakota.
- Water Rights. 2014c. Water Well Completion Reports, SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, South Dakota.

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APR - 2 2014

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AFFIDAVIT OF PUBLICATION

PLAIN TALK

NOTICE OF APPLICATIONS
to Appropriate Water

Notice is given that Hansen Properties, PO Box B, Centerville SD 57014 has filed the following applications for a water permit.

Application No. 6820A-3 proposes to reinstate Water Permit No. 6820-3. Water Permit No. 6820-3 appropriates 1.56 cubic feet of water per second (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 permit was approved May 14, 2007, and the project was to be completed May 14, 2012, with water being put to beneficial use by May 14, 2016. Application No. 6820A-3 proposes to reinstate Water Permit No. 6820-3 since the project has not been completed. This application requests the well to be located in NE 1/4 SW 1/4 Section 23-T95N-R52W. This notice also serves to designate the water source as the South Management Unit of the Upper Vermillion:Missouri Aquifer.

Application No. 6820A-3 to reinstate Permit No. 6820-3 is made pursuant to SDCL 46-2A-8.1 which allows for reinstatement with a new priority date, if unappropriated water is available when construction, necessary to put water to beneficial use, is not completed within five years of approval of the permit.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6820A-3 to reinstate Permit No. 6820-3 because unappropriated water is available.

Application No. 7947-3 proposes to appropriate 1.78 cfs from one well to be completed into the Southern Management Unit of the Upper Vermillion:Missouri Aquifer (150 feet deep) located in the SE 1/4 SW 1/4 Section 26 to irrigate 133.44 acres located in the E 1/2 NW 1/4, E 1/2 SW 1/4, SW 1/4 SW 1/4 Section 26; all in T95N-R52W.

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

STATE OF SOUTH DAKOTA
COUNTY OF CLAY

TERA SCHMIDT BEING FIRST DULY SWORN ON OATH DEPOSES AND SAYS THAT SHE IS THE CLASSIFIED MANAGER OF YANKTON MEDIA INC., A CORPORATION, THE PRINTER AND THE PUBLISHER OF THE PLAIN TALK, A LEGAL WEEKLY NEWSPAPER PUBLISHED AND CIRCULATED IN THE CITY OF VERMILLION, SAID COUNTY AND STATE, AND ONE OF THE OFFICIAL NEWSPAPERS OF THE SAID COUNTY OF FACTS STATED IN THIS AFFIDAVIT; THAT THE ANNEXED Notice of Application Nos. 6820A-3, 7947-3, 7948-3 & 7949-3 to Appropriate Water

TAKEN FROM THE PAPER, IN WHICH IT WAS LAST PUBLISHED IN THE NEWSPAPER ON THE 28 DAY OF March 2014 THAT THE FULL AMOUNT OF THE FEE CHARGED FOR THE PUBLICATION OF SAID NOTICE TO WIT \$53.95 ENSURES TO THE BENEFITS OF THE PUBLISHER OF SAID NEWSPAPER AND THAT NO AGREEMENT AND 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 PERSON WHOMSOEVER.

PUBLISHED ON: 3/28/14

FILED ON: 3/27/14

Tera A. Schmidt

SUBSCRIBED AND SWORN TO BEFORE ME THIS

31st

DAY OF

March

2014

[Signature]
NOTARY PUBLIC, SOUTH DAKOTA

MY COMMISSION EXPIRES

8/19/2015

Application No. 7948-3 proposes to appropriate 1.78 cfs from one well to be completed into the Southern Management Unit of the Upper Vermillion:Missouri Aquifer (150 feet deep) located in the NE 1/4 NW 1/4 Section 35 to irrigate 55.02 acres located in the E 1/2 NW 1/4 Section 35; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit.

Application No. 7949-3 proposes to appropriate 1.78 cfs from one well to be completed into the Southern Management Unit of the Upper Vermillion:Missouri Aquifer (150 feet deep) located in the NE 1/4 SW 1/4 Section 35 to irrigate 100.9 acres located in the E 1/2 SW 1/4, W 1/2 SE 1/4 Section 35; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 7947-3, 7948-3 and 7949-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by April 7, 2014.

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. Pimer, Secretary, Department of Environment and Natural Resources.

Published once at the total approximate cost of \$53.95.

Publish: March 28, 2014.

RECEIVED

APR - 2 2014

WATER RIGHTS
PROGRAM

AFFIDAVIT OF PUBLICATION

YANKTON DAILY PRESS AND DAKOTAN

Department of Environment and Natural Resources
Joe Foss Building
523 East Capitol
Pierre, SD 57501-3182

STATE OF SOUTH DAKOTA
COUNTY OF YANKTON

KELLY HERTZ BEING FIRST DULY SWORN ON OATH DEPOSES
AND SAYS THAT HE IS THE MANAGING EDITOR OF, YANKTON
MEDIA INC, A CORPORATION, THE PRINTER AND THE PUBLISHER OF THE
YANKTON DAILY PRESS AND DAKOTAN, A LEGAL DAILY NEWSPAPER
PUBLISHED AND CIRCULATED IN THE CITY OF YANKTON, SAID COUNTY
AND STATE, AND ONE OF THE OFFICIAL NEWSPAPERS OF THE SAID
COUNTY OF FACTS STATED IN THIS AFFIDAVIT; THAT THE ANNEXED
Notice of Applications to Appropriate Water

TAKEN FROM THE PAPER, IN WHICH IT WAS LAST PUBLISHED IN THE
NEWSPAPER ON THE 28th DAY OF March 2014
THAT THE FULL AMOUNT OF THE FEE CHARGED FOR THE PUBLICATION
OF SAID NOTICE TO WIT \$50.97 ENSURES TO THE
BENEFITS OF THE PUBLISHER OF SAID NEWSPAPER AND THAT NO
AGREEMENT AND 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 PERSON WHOMSOEVER.

PUBLISHED ON: 3/28/2014

FILED ON: 3/28/2014

SUBSCRIBED AND SWORN TO BEFORE ME THIS

28th

DAY OF

March

2014

NOTARY PUBLIC, SOUTH DAKOTA
MY COMMISSION EXPIRES 8/19/2015

3+28
NOTICE OF APPLICATIONS to
Appropriate Water

Notice is given that Hansen Prop-
erties, PO Box B, Centerville SD
57014 has filed the following ap-
plications for a water permit.

Application No. 6820A-3 pro-
poses to reinstate Water Permit
No. 6820-3. Water Permit No.
6820-3 appropriates 1.56 cubic
feet of water per second (cfs)
from one well to be completed
into the Lower Vermillion Mis-
souri Aquifer (approximately 100
feet deep) located in the approxi-
mate 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 permit was approved May 14,
2007, and the project was to be
completed May 14, 2012, with
water being put to beneficial use
by May 14, 2016. Application
No. 6820A-3 proposes to reinstate
Water Permit No. 6820-3 since
the project has not been com-
pleted. This application requests
the well to be located in NE 1/4
SW 1/4 Section 23-T95N-R52W.
This notice also serves to desig-
nate the water source as the South
Management Unit of the Upper
Vermillion:Missouri Aquifer.

Application No. 6820A-3 to rein-
state Permit No. 6820-3 is made
pursuant to SDCL 46-2A-8.1
which allows for reinstatement
with a new priority date, if unap-
propriated water is available when
construction, necessary to put wa-
ter to beneficial use, is not com-
pleted within five years of ap-
proval of the permit.

Pursuant to SDCL 46-2A-2, the
Chief Engineer recommends AP-
PROVAL of Application No.
6820A-3 to reinstate Permit No
6820-3 because unappropriated
water is available.

Application No. 7947-3 proposes
to appropriate 1.78 cfs from one
well to be completed into the
Southern Management Unit of the
Upper Vermillion:Missouri Aqui-
fer (150 feet deep) located in the
SE 1/4 SW 1/4 Section 26 to irri-
gate 133.44 acres located in the E
1/2 NW 1/4, E 1/2 SW 1/4, SW
1/4 SW 1/4 Section 26; all in
T95N-R52W.

Application No. 7948-3 proposes
to appropriate 1.78 cfs from one
well to be completed into the
Southern Management Unit of the
Upper Vermillion:Missouri Aqui-
fer (150 feet deep) located in the
NE 1/4 NW 1/4 Section 35 to irri-
gate 55.02 acres located in the E
1/2 NW 1/4 Section 35; all in
T95N-R52W. The applicant is re-
questing a diversion rate greater
than the statutory limit.

Application No. 7949-3 proposes to appropriate 1.78 cfs from one well to be completed into the Southern Management Unit of the Upper Vermillion-Missouri Aquifer (150 feet deep) located in the NE 1/4 SW 1/4 Section 35 to irrigate 100.9 acres located in the E 1/2 SW 1/4, W 1/2 SE 1/4 Section 35; all in T95N-R52W. The applicant is requesting a diversion rate greater than the statutory limit.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 7947-3, 7948-3 and 7949-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by April 7, 2014.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, and the signature and mailing address, of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to these applications. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.

Published once at the total approximate cost of \$50.97.



DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES

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



March 17, 2014

Plain Talk
201 W Cherry St
Vermillion SD 57069

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application Nos. 6820A-3, 7947-3, 7948-3 and 7949-3 to Appropriate Water. Please publish the notice once on March 28, 2014. 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 and arrange for payment. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Hansen Properties, c/o Roger Hansen, PO Box B, Centerville SD 57014 (Ph # 605-563-2212).

Please send the Water Rights Program an affidavit or the enclosed Proof of Publication form immediately.

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



DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES

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



March 17, 2014

Press & Dakotan
319 Walnut
Yankton SD 57078

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application Nos. 6820A-3, 7947-3, 7948-3 and 7949-3 to Appropriate Water. Please publish the notice once on March 28, 2014. 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 and arrange for payment. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Hansen Properties, c/o Roger Hansen, PO Box B, Centerville SD 57014 (Ph # 605-563-2212).

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Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures



DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES

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



NOTE: TO BE SURE OF PUBLICATION ON
THE CORRECT DATE, CONTACT
THE NEWSPAPER(S) RIGHT AWAY.

March 17, 2014

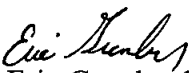
Hansen Properties
Roger Hansen
PO Box B
Centerville SD 57014

Dear Mr. Hansen:

Water Permit Application Nos. 6820A-3, 7947-3, 7948-3 and 7949-3 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 Plain Talk printed at Vermillion SD (Ph # 605-624-2695) and the Press & Dakotan printed at Yankton SD (Ph # 605-665-7811). You will need to contact the newspaper(s) 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(s) to authorize publication of your Notice and to arrange for payment. Early contact with the paper(s) can eliminate delays. Upon receiving authorization from you, the publisher has been instructed to publish your notice. The newspaper(s) 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 applications.

Instruction to Newspaper - Publish the Notice on March 28, 2014. The applicant is responsible for payment. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352 or email: Karen.schlaak@state.sd.us.

NOTICE OF APPLICATIONS to Appropriate Water

Notice is given that Hansen Properties, c/o Roger A Hansen, PO Box B, Centerville SD 57014 has filed the following applications for a water permit.

Application No. 6820A-3 proposes to reinstate Water Permit No. 6820-3. Water Permit No. 6820-3 appropriates 1.56 cubic feet of water per second (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 permit was approved May 14, 2007, and the project was to be completed May 14, 2012, with water being put to beneficial use by May 14, 2016. Application No. 6820A-3 proposes to reinstate Water Permit No. 6820-3 since the project has not been completed. This application requests the well to be located in NE 1/4 SW 1/4 Section 23-T95N-R52W. This notice also serves to designate the water source as the South Management Unit of the Upper Vermillion:Missouri Aquifer.

Application No. 6820A-3 to reinstate Permit No. 6820-3 is made pursuant to SDCL 46-2A-8.1 which allows for reinstatement with a new priority date, if unappropriated water is available when construction, necessary to put water to beneficial use, is not completed within five years of approval of the permit.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6820A-3 to reinstate Permit No 6820-3 because unappropriated water is available.

Application No. 7947-3 proposes to appropriate 1.78 cfs from one well to be completed into the Southern Management Unit of the Upper Vermillion:Missouri Aquifer (150 feet deep) located in the SE 1/4 SW 1/4 Section 26 to irrigate 133.44 acres located in the E 1/2 NW 1/4, E 1/2 SW 1/4, SW 1/4 SW 1/4 Section 26; all in T95N-R52W.

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Capitol, Pierre SD 57501 (605 773-3352)” and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by April 7, 2014.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to these applications.

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

Published once at the total approximate cost of _____.



DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES

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



MAY 02 2014

Hansen Properties
PO Box B
Centerville SD 57014

Dear Mr. Hansen:

Enclosed are Water Permit Nos. 6820A-3, 7947-3, 7948-3 and 7949-3 authorizing construction of your water diversion systems and beneficial use of the water, not exceeding the limits as specified in the Water Permits.

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 the systems and have put the water to beneficial use. An investigation can then be scheduled so the water licenses 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,

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

enclosures



6820A-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.



6820A-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

6820 A-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
PROGRAMWater Right/Permit No. 6820A-3Date: 2-21-19

I/We request that Water Right/Permit No. 6820A-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:

43 acres located in the E 1/2 SW 1/4, NW 1/4 SE 1/4 in section 23-T95N-R52W.

☒ I understand that the validity of Water Right/Permit No. 6820A-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

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>6820A-3</u>		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____	50	00
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	

No. **09069**

By

Jeannie Goodman
Chief Engineer
JKH



6820A-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,

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

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

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

JAN 09 2020

WATER RIGHTS
PROGRAMWater Right/Permit No. 6820A-3Date: December 20, 2019

I/We request that Water Right/Permit No. 6820A-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:

43 acres located in the E 1/2 SW 1/4, NW 1/4 SE 1/4 in section 23-T95N-R52W.

☒ I understand that the validity of Water Right/Permit No. 6820A-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>6820A-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.

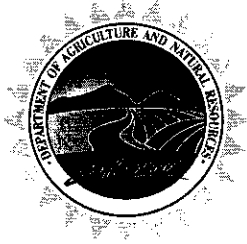
Receipts for the filing fees are enclosed. If I can answer any questions, please let me know.

Sincerely,

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

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

enclosures



6820A-3

**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

January 18, 2024

Jesse & Tanya Vanderstroet
310 Thelma Ave
Harrisburg SD 57032

Dear Mr. & Ms. Vanderstroet:

Permit No. 6820A-3 authorizes reinstatement of Permit No. 6820-3 for the irrigation of 43 acres located in the E $\frac{1}{2}$ SW $\frac{1}{4}$ & NW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 23, T95N, R52W.

A recent inspection was conducted by staff engineer, Keith DeJong, for the purpose of licensing the irrigation system for Permit No. 6820A-3. The inspection found an additional 10 acres had been developed for irrigation under the corner pivot for Permit No. 6820A-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

enclosure

Report of Examination of Works and/or Application of Water to Beneficial Use
For Permit No. 6820A-3

I have this day, December 18, 2023, made a thorough examination of the water use systems owned by Jesse and Tanya Vandestroet, 310 Thelma Avenue, Harrisburg, SD 57032, holders of Permit No. 6820A-3, bearing the priority date of January 23, 2014. This permit reinstated Water Permit No. 6820-3. Water Permit No. 6820-3 appropriated 1.56 cubic feet of water per second (cfs) from one well to be completed into the Lower Vermillion Missouri Aquifer (approximately 100 feet deep) located in the approximate center of the SW1/4 of Section 23 to irrigate 43 acres located in the E1/2 of the SW1/4, and the NW1/4 of the SE1/4 of Section 23, all in T95N-R52W. The permit was approved May 14, 2007, and the project was to be completed May 14, 2012, with water being put to beneficial use by May 14, 2016. This permit reinstated Water Permit No. 6820-3 since the project was not completed. This permit authorized the well to be located in NE1/4 of the SW1/4 of Section 23-T95N-R52W and the water source is the South Management Unit of the Upper Vermillion: Missouri Aquifer, located in Clay County.

Inspection contacts: Jesse Vandestroet and Larry Erickson

A. Works used to divert the water:

Well Information

- 1) Well Drilling Firm: Hammond-Wetmore Drilling, LLC
- 2) No. of Wells: 1
- 3) Depth(s): 50 feet
- 4) Well log is available: Yes

Casing:

- 1) Diameter: 16 inches
- 2) Length: 25 feet
- 3) Type: Plastic

Screen:

- 1) Diameter: 16 inches
- 2) Length: 25 feet
- 3) Type: PVC
- 4) Static water level: Unknown feet

Pump:

- 1) Make: Grundfos
- 2) Model: 625S300-2AA
- 3) Capacity: 625 gpm

Motor:

- 1) Make: Grundfos
- 2) Model No.: Unknown
- 3) Horsepower rating: 30 hp

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

- 1) Type: Aluminum Size: 8 inches Length: 15 feet

C. Works used to apply water to beneficial use:

Center Pivot:

- 1) Make: Zimmatic
- 2) Overall length: 1,626 feet
- 3) Number of towers: 9
- 4) End gun: Yes, 80 feet
- 5) Capacity: 625 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: Additional 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 2,590 feet north and 1,340 feet east of the southwest corner of Section 23-T95N-R52W (Latitude 43.03281, Longitude -96.95859- NE1/4 of the SW1/4).
- 2) The works are capable of diverting and conveying to the places of use 1.39 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: All in;

Section 23-T95N-R52W

NE1/4SW1/4 37 acres

SE1/4SW1/4 8 acres

NW1/4SE1/4 8 acres

comprising a total of 53 acres of land and the license should be issued for 1.39 cfs.

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

F. Comments or other permit(s) associated with the project: The permit allowed for 43 acres to be irrigated and the system actually irrigates 53 acres. The well log, pump and motor information was obtained from Heine Electric and Irrigation, Inc.

Keith DeJong

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

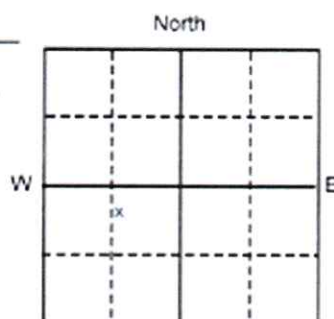
Date report completed: January 10, 2024

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location NE 1/4 SW 1/4 Sec 23 Twp 95 Rg 52WCounty CLAY

Please mark well location with an "X"



Well Completion Date

May 27, 2014

1 Mile

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

750.0 ft. from gravel pit (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

DIRECT ROTARY

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	<u>16.00</u> IN	<u>0.0</u> FT	<u>25.0</u> FT	<u>30.00</u> IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
<u>BENTONITE</u>	<u>15</u>	<u>9.5</u> Lb/gal	<u>0.0</u> Ft	<u>12.0</u> Ft
		Lb/gal	Ft	Ft

Describe grouting procedure

TREMIE METHOD

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 16.00 inches Length 25.0 FeetMaterial PVCSlot Size .050 Set From 25.0 Feet to 50.0 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? ☒ No, Why Not? NOT REQUIRED

Lab to which water quality sample sent for analysis

Well Owner: ROGER HANSEN

Business Name:

Address: PO BOX BCity, State, Zip: CENTERVILLE SD 57014

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
TOP SOIL	0	2
SAND - SILTY - PEBBLES	2	16
GRAVEL & BIG ROCKS	16	27
FINE TO MED SAND	27	50

STATIC WATER LEVEL

If flowing: closed in pressure _____ FEET

GPM flow _____ through _____ PSI

Controlled by ☐ Valve ☐ Reducers ☐ Other _____ Inch pipe

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

This well was drilled under license # 666 and this report is true and accurate.Drilling firm: HAMMOND-WETMORE DRILLING, LLC

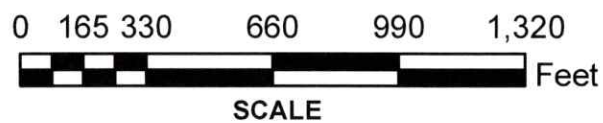
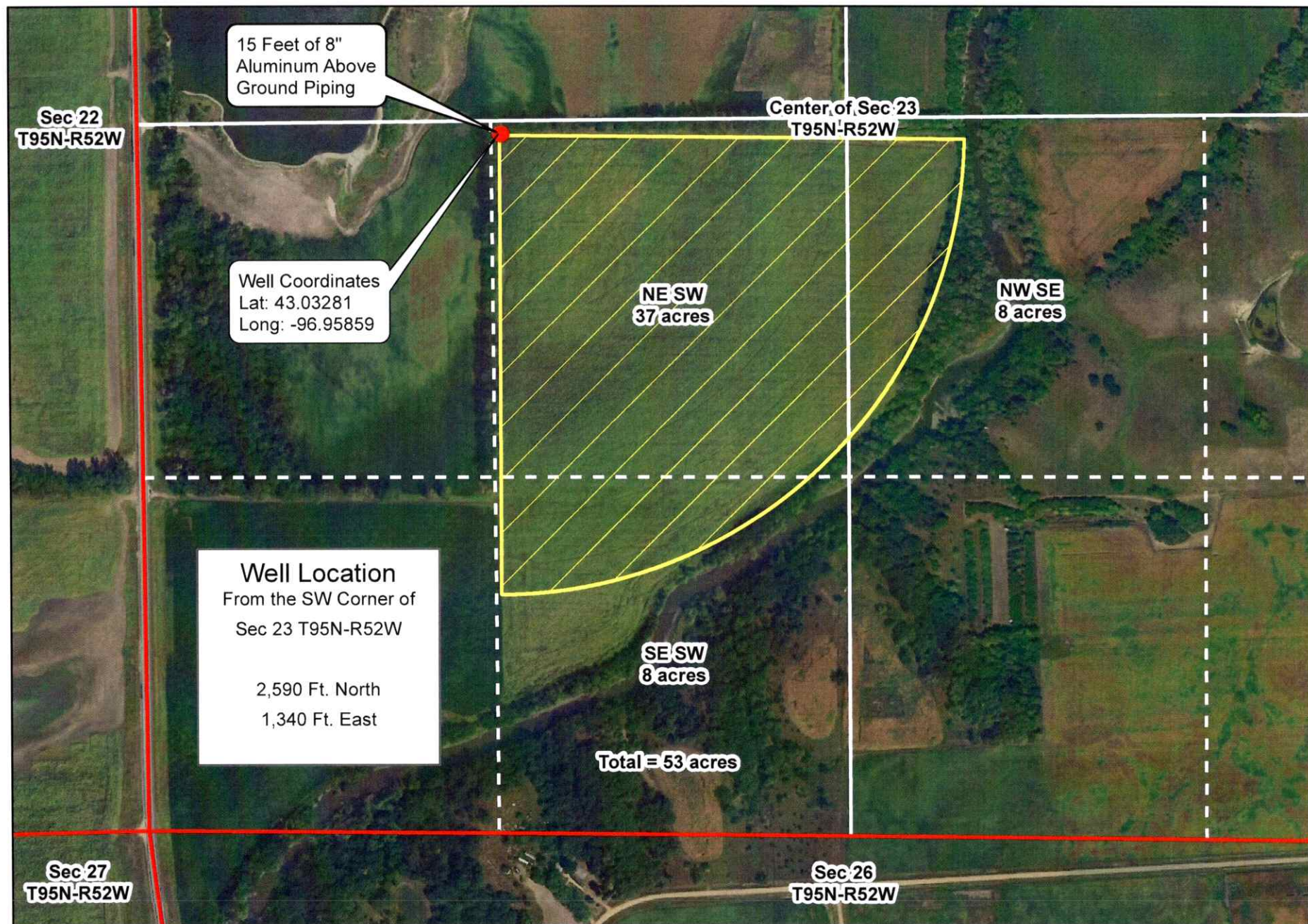
Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date:

#4 Permit 6820A-3

Water Permit No. 6820A-3



Keith DeJong
Keith DeJong, PE Ret.
Staff Engineer
December 18, 2023