

WATER PERMIT NO. 7693-3

Name of Applicant: Roger A Hansen, dba Hansen Properties

Address: PO Box B, Centerville SD 57014 Phone: 605 760-5690

Amount of Water Claimed: 0.67 cfs Total Acres: 27.7

Source of Water Supply: groundwater (1 well)

Water to be used for: irrigation County: Clay

Type of Waste Disposal System:

Location: 5 miles south of Centerville

PRIORITY Date Received: 2-6-13 Application/License Fee: \$ 700

Corrected Application Received: 2-7-13 Period of Annual Use: April 1 - Oct 31

Remarks:

Diversion Point: NE 1/4 NE 1/4 Sec 22-T95N-
R52W

Land to be Irrigated: N 1/2 NE 1/4 Sec 22-T95N-
R52W

Depth of Well: 120 feet deep

Well Driller:

Remarks:

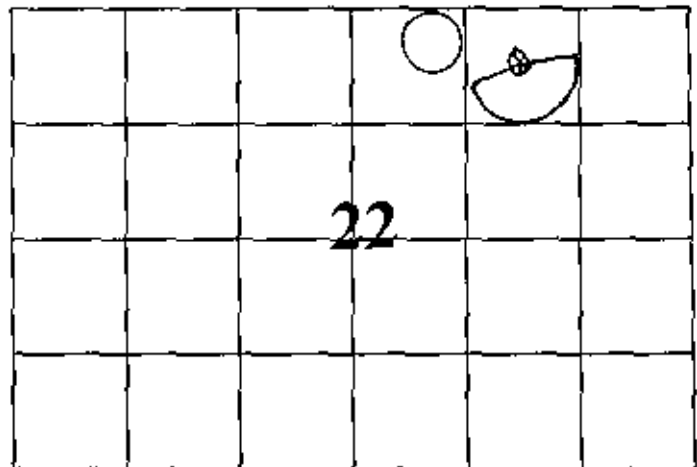
Type of Map: aerial

Prepared by:

Reviewed and the Number Assigned on: 2-21-13

By: Karen Schlaak

Notice of Hearing - date to intervene: _____



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Mail to: PMB 2020 DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>7693-3</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</u> <u>57069</u> <u>605-665-7811</u>
	<u>Press & Dakota, 319 Walnut, Yankton</u> <u>57078</u>

Application For Permit To Appropriate Water For Irrigation

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

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

1. Name to Appear on Irrigation Permit Roger A. Hansen dba Hansen Properties

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

(name and complete address if different than above name)

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

Home Phone _____ Cell 605 760 5690 Email _____

2. Amount of water claimed 0.67 *CFS or 300 **GPM ***AF Total Acreage 27.7
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply Lower Vermillion-Missouri aquifer

4. Location of point of diversion NE 1/4 of NE 1/4 of Section 22, T95N, R52W

(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)

County Clay

5. County or counties where water will be used clay

6. Annual period during which water is to be used april-october

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
NW 1/4 NE 1/4 - SEC 22-95-52	9.69	NE 1/4 NE 1/4 - SEC 22-95-52	18.01
PIVOT #35		PIVOT #36	

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

center pivot irrigation of above property

I, Roger A. Hansen 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. 7693-3**

Date of first receipt of application February 6, 2013.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7693-3 to Roger A Hansen dba Hansen Properties, PO 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. 7693-3 appropriates 0.67 cubic feet of water per second from one well to be completed into the Lower Vermillion/Missouri Aquifer (120 feet deep) located in the NE 1/4 NE 1/4 Section 22 for irrigation of 27.7 acres located in the N 1/2 NE 1/4 Section 22; all in T95N-R52W.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: April 1 – October 31.
3. The date from which applicant may claim right is February 6, 2012.
4. The date of approval of Permit No. 7693-3 is April 29, 2013.
5. One-fifth of the construction is to be completed on or before October 29, 2015.
6. All construction is to be completed on or before April 29, 2018.
7. Water is to be put to beneficial use on or before April 29, 2022.
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. 7693-3 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. 7693-3 authorizes a maximum diversion rate of 0.67 cfs for the irrigation of 27.7 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

Jeanne Goodman, Chief Engineer
Water Rights Program

Department of Environment and Natural Resources

JUN 11 2013

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 120 Depth to Top of Water Bearing Material 30 Depth to Water from Surface 30

d) Distance to nearest existing domestic well:

On applicant's property 550' On property owned by others 1500'

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)

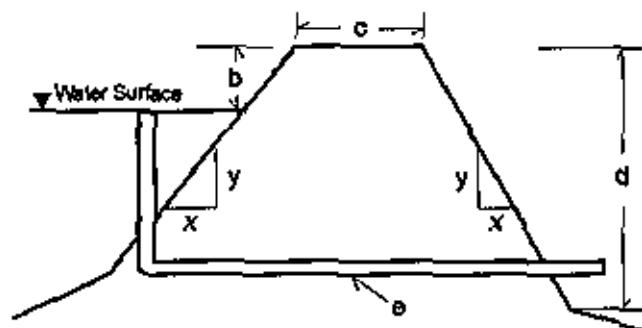
Upstream _____

Downstream _____

h) Surface Area of Impoundment _____

i) Storage _____ Acre Feet

j) Drainage Area Above Dam _____ Acres



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300th St

Pivot
#35
9.69 Acres

Pivot #36
21 ACRES

WELL LOCATION

SEC. 22-95-52

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RIVERSIDE TWP.
CLAY CO, S.D.

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Automatic Irrigation Inc.

1111 Railway ST
Centerville, SD 57014
605-563-2649 office

0-02

1937

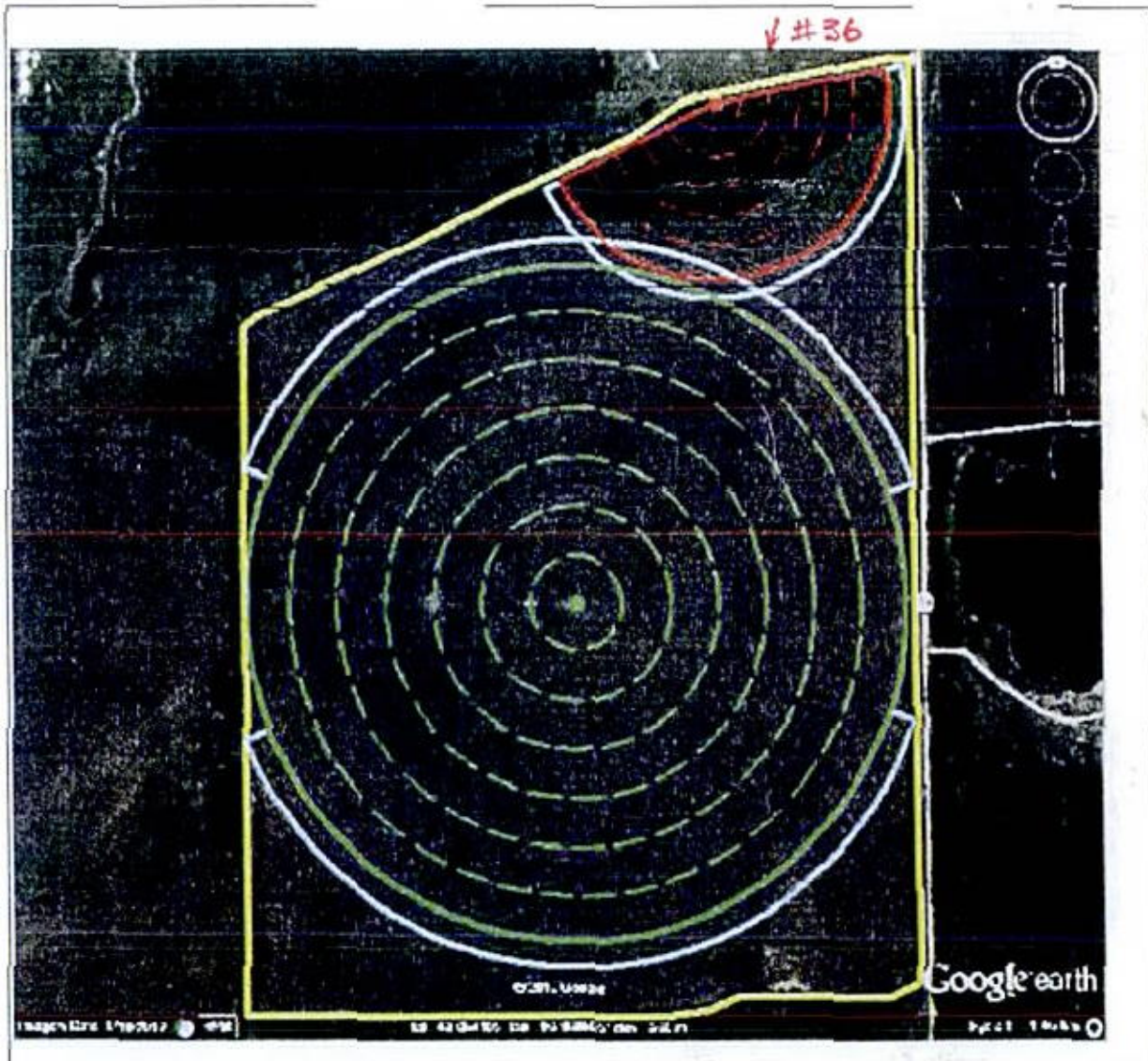
3 Phase
40 HP

Farm: Field1

Grower: Roger Hansen

8/28/2012

Systems:	Length	Spans	Total area including endgun
#22	1261.50 ft	7 spans + No overhang	129.40 acres
#36	680'	6 spans + GF 20 ft o.h.	18.01



Automatic Irrigation Inc.



1111 Railway ST
Centerville, SD 57014
605-563-2649 office

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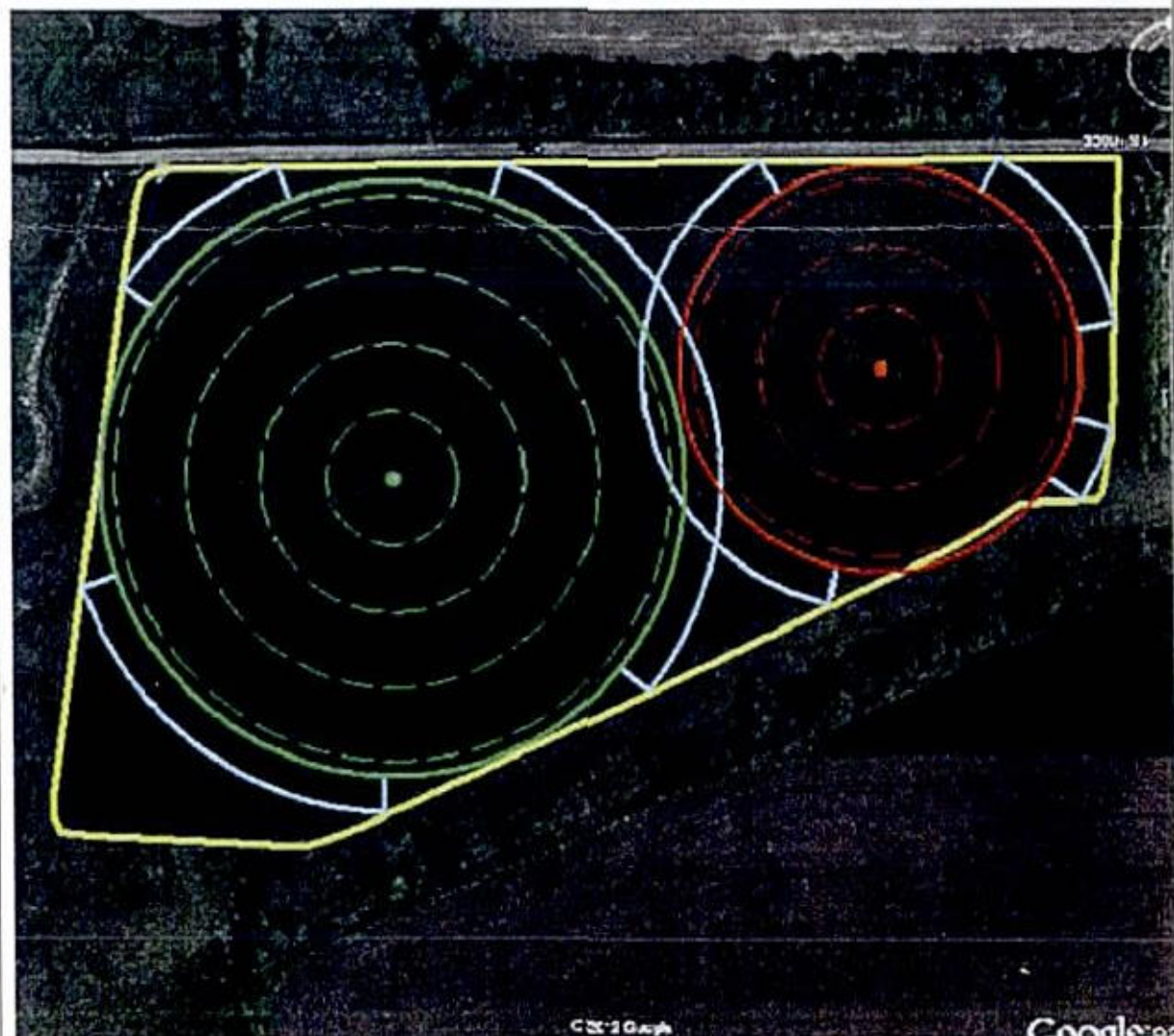
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Farm: Field1

Grower:

8/28/2012

Systems:		Length	Spans	Total area including endgun
Pivot	#34	481.33 ft	4 spans + GF 20 ft o.h.	19.33 acres
Pivot	#35	331.42 ft	3 spans + GF 20 ft o.h.	9.69 acres



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South Dakota Department of Environment and Natural Resources

Date 2/6, 20 13

RECEIVED OF Roger A Hansen 700 Broadway 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>716933</u> to Appropriate Water, to construct and to put water to beneficial use	300	00
Fee for Application for Permit No. _____ to Appropriate Water for Future use		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	300 00

No. 06099

By David E. Erbe
Chief Engineer

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 2/7, 20 13

RECEIVED OF Roger Hansen 700 Broadway 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>7693-3</u> to Appropriate Water, to construct and to put water to beneficial use	200	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>7693-3</u>	200	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	400	00

No. 06100

By

[Signature]
Chief Engineer



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700 BROADWAY CENTERVILLE SOUTH DAKOTA 57014
PHONE (605) 563-2212 FAX (605) 563-2640

2-5-13

ERIC -

PER OUR CONVERSATION
THIS MORNING - HERE IS
THE CORRECTED FIRST PAGE
OF MY APPLICATION AND
A CHECK FOR THE BALANCE
OF THE CORRECT FEE.

Regards!

Roger Hansen



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

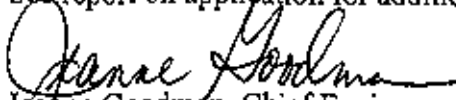
**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 7693-3, Hansen Properties**

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. 7693-3, Hansen Properties, c/o Roger Hansen, PO Box B, Centerville SD 57014.

The Chief Engineer is recommending APPROVAL of Application No. 7693-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) it is in the public interest with the following qualifications:

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The well authorized by Permit No. 7693-3 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. 7693-3 authorizes a maximum diversion rate of 0.67 cfs for the irrigation of 27.7 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.


Jeanne Goodman, Chief Engineer
April 8, 2013

REPORT TO THE CHIEF ENGINEER
ON
WATER PERMIT APPLICATION NO. 7693-3
ROGER A HANSEN
MARCH 14, 2013

Water Permit Application No. 7693-3 proposes to appropriate water from one well to be completed into the Lower Vermillion-Missouri aquifer at a maximum diversion rate of 0.67 cubic feet of water per second (cfs). The well will be located near the center of the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 22 and will be used to irrigate 9.69 acres in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 22 and 18.01 acres in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 22, all in T95N-R52W, Clay County. The well is expected to be approximately 120 feet deep. The applicant is requesting a diversion rate greater than the statutory limit of 1.0 cfs per 70 acres.

AQUIFER: Lower Vermillion-Missouri (LVM)

GEOLOGY AND AQUIFER CHARACTERISTICS:

The Lower Vermillion-Missouri aquifer is a buried glacial outwash aquifer, consisting of sand and medium to coarse gravel (Stephens, 1967). The aquifer underlies approximately 125,600 acres of Clay and Union counties and contains an estimated 1.872 million acre-feet of recoverable water (Hedges and others, 1982). The aquifer is generally overlain by 42 to 132 feet of glacial till, averages 99 feet in thickness, and overlies the Dakota Formation (Niehus, 1997). The aquifer blends into the Missouri Elk Point aquifer to the south and into the Upper Vermillion-Missouri to the north. The aquifer is also hydraulically connected to the Vermillion River and the Parker-Centerville aquifer. The aquifer can be under confined (artesian) or unconfined (water-table) conditions; unconfined conditions exist in the area of this application. Nearby well logs indicate an average saturated thickness of approximately 102 feet in the area of this application, as shown in Table 1 (Water Rights, 2013a).

Well Log Description	Saturated Thickness (ft)
Observation Well CL-66A	58
Observation Well CL-76A	104
Test Hole Hansen	123
Well Log for WR 6563-3	66
Well Log for WR 6567-3	155
Well Log for WR 6569-3	105
Well Log for WR 6815A-3	108
Well Log for WR 6819-3	87
Well Log for WR 6822-3	115

Table 1. Saturated thickness for nearby wells and lithologic logs (Water Rights, 2013a, b and c).

SDCL 46-2A-9

In accordance with SDCL 46-2A-9, a permit may be issued to appropriate water only if there is 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 review the availability of unappropriated water and existing rights within the Lower Vermillion-Missouri aquifer.

WATER AVAILABILITY:

This application proposes to appropriate water from the Lower Vermillion-Missouri aquifer. If this application is approved, it is likely that the actual water use will be less than 55.4 acre feet per year (ac-ft/yr). The probability of unappropriated water available from the aquifer can be evaluated using SDCL 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 annually from a groundwater source will exceed the quantity of the average estimated annual recharge of water to the groundwater source."

Recharge versus Discharge:

Recharge:

Recharge to the Lower Vermillion-Missouri aquifer probably occurs from the Dakota aquifer (Niehus, 1997), infiltration of precipitation, seepage from streams, and the Wakonda aquifer (Stephens, 1967). Recharge is also likely to occur from the Missouri: Elk Point aquifer and the Vermillion River during times of high flow. The recharge rate to the aquifer has been estimated at 3.8 inches per year (Hedges and others, 1985). Applying this to the entire aquifer results in approximately 39,770 acre feet per year (ac-ft/yr) of natural recharge, of which approximately 7,850 ac-ft/yr is in Clay County alone.

Discharge:

Discharge from the Lower Vermillion-Missouri aquifer is by evapotranspiration, seepage and flow from springs, to the Vermillion River, and withdrawal from wells (Stephens, 1967). Niehus (1994) added that discharge also occurs to the Missouri: Elk Point aquifer. There are a number of completion reports on file with the SD DENR-Water Rights Program for domestic use wells completed into the Lower Vermillion-Missouri aquifer (Water Rights, 2013b), and there are currently 71 water rights/permits appropriating water from the Lower Vermillion-Missouri aquifer of which 60 are in Clay County (Water Rights, 2013c). The distribution of these appropriations for the entire aquifer and their types are shown in Table 2.

Water Rights/Permits	Number
Institutional	2
Irrigation	67
Rural Water System	2

Table 2. Water Rights/Permits from the Lower Vermillion-Missouri aquifer (Water Rights, 2013c).

The amount of water that can be expected to be withdrawn through water rights/permits authorizing water use for non-irrigation purposes at the current appropriation level can be estimated by assuming:

1. Water rights/permits limited by an annual volume will pump the entire volume appropriated.
2. Water rights/permits limited only by diversion rate will pump at the maximum permitted diversion rate 60 percent of the time.

The expected water use for non-irrigation purposes from the Lower Vermillion-Missouri aquifer is less than 1,204 ac-ft/yr based on current water appropriations. Institutional use accounts for less than 28 ac-ft/yr and the Rural Water systems accounts for less than 1,176 ac-ft/yr. Clay County accounts for nearly all of the current non-irrigational use water appropriations.

The annual reported water use from the Lower Vermillion-Missouri aquifer for irrigation purposes is displayed in Table 3. The average pumpage reported over the 1979 to 2011 period of record in Clay County alone is 1,140.2 ac-ft/yr.

YEAR	NO. OF PERMITS	APPROPRIATION (AC-FT/YR)	PUMPAGE REPORTED (AC-FT/YR)
1979	49	22683.00	1163.00
1980	47	22683.00	2417.00
1981	49	23003.00	1543.00
1982	37	15862.84	870.04
1983	38	15480.34	716.30
1984	47	20754.34	691.00
1985	46	20661.34	1328.20
1986	45	20477.34	1047.50
1987	37	15435.34	1115.40
1988	38	15657.34	2083.80
1989	38	15657.34	2301.20
1990	38	15657.34	2113.20
1991	39	15308.24	1670.10
1992	39	15308.24	168.80
1993	39	15308.24	0.00
1994	39	14673.74	517.28
1995	37	14309.24	506.61
1996	36	14096.04	997.60
1997	36	13656.14	1085.00
1998	36	14150.45	1032.91
1999	38	14879.45	900.63
2000	38	14879.45	2041.72
2001	38	14879.45	2036.96
2002	40	15199.45	1762.32
2003	40	15199.45	1800.56
2004	39	15013.45	1747.48
2005	45	15844.45	1410.24
2006	43	15254.45	2674.51
2007	50	16655.45	2909.12
2008	55	17587.45	4301.25
2009	58	18961.7	482.64
2010	59	19561.7	144.56
2011	62	19987.7	2195.06
MIN	36	13656.14	0
MAX	62	23003	4301.25
AVE	42.9	16809.9	1447.7

Table 3. Irrigation from the entire Lower Vermillion-Missouri aquifer (Water Rights, 1980-2012).

Recharge to the Lower Vermillion-Missouri aquifer, based on the estimate of Hedges and others (1985), appears to be much greater than average current use. When in consideration of the hydrologic budget, there is reasonable probability that unappropriated water is available for this application.

Observation Well Data:

Administrative Rule of South Dakota Section 74:02:05:07 requires that "the Water Management Board shall rely upon the record of observation well measurements to determine that the quantity of water withdrawn annually from the aquifer does not exceed the estimated average annual recharge to the aquifer".

The DENR-Water Rights Program monitors 10 observation wells completed into the Lower Vermillion-Missouri aquifer, with two of these observation wells located within four and one half miles of the well site proposed by this application (Water Rights, 2013a). Hydrographs for these wells are shown in Figures 1 and 2.

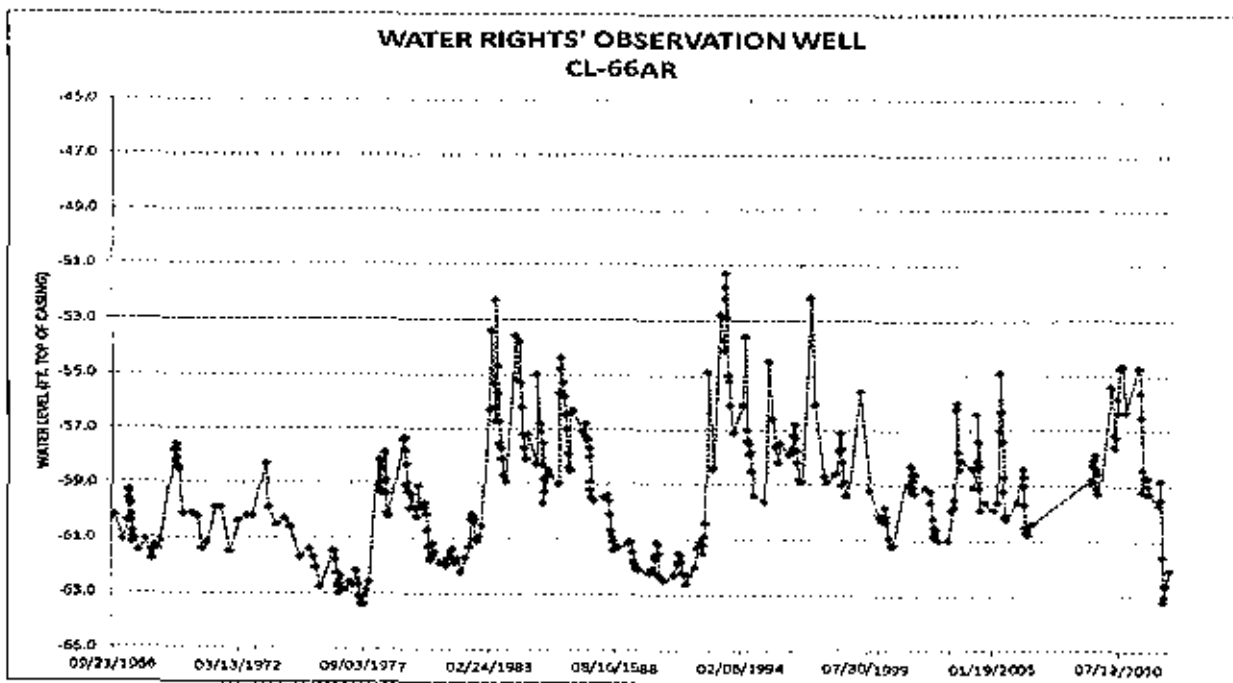


Figure 1. Hydrograph for DENR-Water Rights Observation Well CL-66AR completed into the Lower Vermillion-Missouri aquifer approximately 0.9 miles west of the well site proposed by Application No. 7693-3 (Water Rights, 2013b).

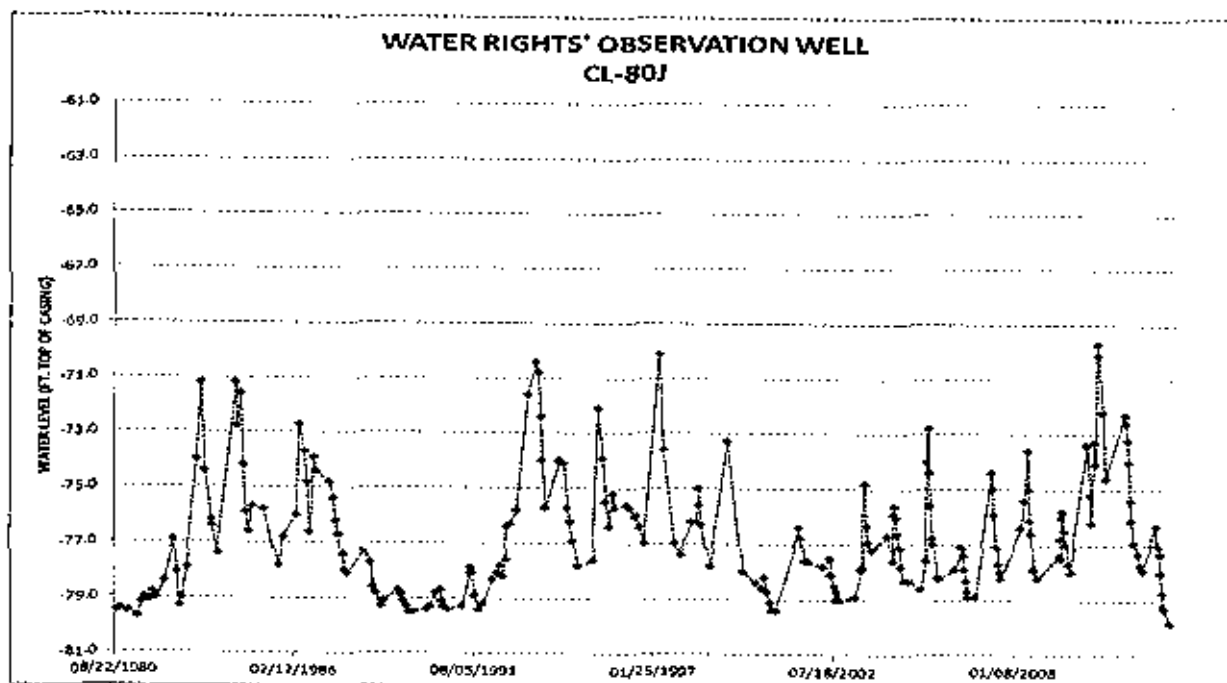


Figure 2. Hydrograph for DENR- Water Rights Observation Well CL-80J completed into the Lower Vermillion-Missouri aquifer approximately 4.3 miles south-southeast of the well site proposed by Application No. 7693-3 (Water Rights, 2013b).

The observation well data shows the aquifer responds well to climatic conditions with rising water levels during wet years and gradually declining water levels during dry years; and that at the current level of development, climatic conditions mask the temporal effects of well withdrawals. Drawdown is also not significant. Because observation well data documents that in general, there is the same amount of, or more water in storage over the period of record, recharge and natural discharge greatly exceed well withdrawals. Recognizing additional well withdrawals will capture other discharges, there is reasonable probability that unappropriated water is available from the aquifer to support this appropriation.

EXISTING WATER RIGHTS:

The well site proposed by this application is located at the far northern extent of the Lower Vermillion-Missouri aquifer, within approximately one half mile of the Upper Vermillion-Missouri and Parker-Centerville aquifers. The proposed well site is approximately one mile west of the Vermillion River. There are eleven water rights authorizing wells in the Lower Vermillion-Missouri aquifer within a one mile radius of the proposed well site (Water Rights, 2013a and 2013b). These are listed in Table 4. Most of the permits are for wells owned by the applicant.

Permit No.	Name	Status	Type	CFS	Acres
215-3	Hansen Properties	LC	IRR	2.55	180
229-3	Hansen Properties	LC	IRR	3.42	240
974-3	Hansen Properties	LC	IRR	0	90
1813-3	Hansen Properties	LC	IRR	2.06	144
1916-3	Troy and Shellia Gust	LC	IRR	1.33	169
6563-3	Hansen Properties	LC	IRR	3.34	380
6567-3	Hansen Properties	PE	IRR	0.56	39
6569-3	Hansen Properties	PE	IRR	1.11	42
6815A-3	Hansen Properties	PE	IRR	1.78	147
7003-3	Hansen Properties	PE	IRR	0.11	0
7383-3	Hansen Properties	PE	IRR	0.56	25
LC = Water Right, PE = Water Permit, IRR = Irrigation					

Table 4. Water rights / permits in the Lower Vermillion-Missouri aquifer that are located within one mile of the well site proposed by Water Permit No. 7693-3 (Water Rights, 2013c).

Additional drawdown caused by the proposed well could be measurable in nearby wells. There are two domestic wells on file with the DENR – Water Rights Program that are within two miles of the proposed well. These wells may experience increased drawdown, but this is not expected to be significant, based on the number of existing wells and apparent current lack of interference. The precise drawdown cannot be quantified without aquifer testing. With that in mind, a standard permit qualification to most groundwater permits/rights states that:

“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 rights.”

In reality, the assurance of reasonable domestic use provided by SDCL 46-6-6.1 and ARSD 74:02:04:20(7) generally ensures that interference will not be adverse to domestic well users and those with existing appropriative rights. Depending on the characteristics of the Lower Vermillion-Missouri aquifer at the proposed well site, some existing well owners may need to lower their pumps to accommodate for lower water levels. When considering SDCL 46-6-6.1 and ARSD 74:02:04:20(7) in combination with observation well measurements, the proposed increase in diversion rate is not likely to lead to significant interference or adversely affect existing wells.

SDCL 46-5-6

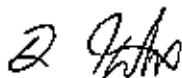
SDCL 46-5-6 requires the diversion rate for irrigation to not be in excess of one cubic foot of water per second per seventy acres, or “the equivalent thereof”. The statute also provides that the Water Management Board may allow for a greater diversion rate if it is a reasonable request.

This water permit application proposes a diversion rate of 0.67 cfs for 27.7 acres, equivalent to 1.69 cfs per 70 acres. The application indicates that the well will provide water to two separate pivots, one of which does not make a full rotation. The requested diversion rate is probably an

operational requirement of the equipment and is probably unrelated to the amount of land to be irrigated.

CONCLUSIONS:

1. This application proposes to appropriate water at a maximum diversion rate of 0.67 cfs for irrigation of 27.7 acres from the Lower Vermillion-Missouri aquifer.
2. The applicant is seeking a diversion rate that would be in excess of the statutory limit of 1.0 cfs per 70 acres.
3. There is a reasonable probability that unappropriated water is available from the Lower Vermillion-Missouri aquifer to supply this proposed appropriation.
4. The Lower Vermillion-Missouri aquifer is under unconfined (water-table) conditions in this area, and drawdown from pumping is not expected to be significant very far from a production well.
5. There is a reasonable probability that the well proposed by this application will not adversely impact existing water rights or domestic users.



Dan Gerhardt
SD DENR-Water Rights Program

Approved by



Ken Buhler
SD DENR-Water Rights Program

REFERENCES:

- Hedges, L.S., Burch, S.L., Iles, D.L., Barari, R.A., Schoon, R.A., 1982, Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa, Task 1: Bedrock Topography and Distribution, Task 2: Extent of Aquifers, Task 3: Ground-Water Storage, Task 4: Computerized Data Base, Final Report; U.S. Army Corps of Engineers Contract DACW 45-80-C-0185
- Hedges, L.S., Allen, J., Holly D.E., 1985, Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa, Task 7: Ground Water Recharge; U.S. Army Corps of Engineers Contract DACW 45-80-C-0185
- Niehus, C.A., 1994, Water Resources of Lincoln and Union Counties, South Dakota: U.S. Geological Survey Water-Resources Investigations Report 93-4195, 57p.

- Niehus, C.A., 1997, Major Aquifers in Lincoln and Union Counties, South Dakota: U.S. Geological Survey Information Pamphlet 49, 26 p.
- Stephens, Jerry C., 1967, Geology and Hydrology of Clay County South Dakota, Part II, Water Resources. South Dakota Geological Survey Bulletin 19, 62 p.
- Water Rights, 1980-2012, Irrigation Questionnaire Summaries 1979-2011, SD DENR-Water Rights Program, Joe Foss Bldg, Pierre, SD,
- Water Rights, 2013a, Observation Well Files, SD DENR-Water Rights Program, Joe Foss Bldg, Pierre, SD.
- Water Rights, 2013b, Water Well Completion Reports, SD DENR-Water Rights Program, Joe Foss Bldg, Pierre, SD.
- Water Rights, 2013c, Water Right/Permit Files, SD DENR-Water Rights Program, Joe Foss Bldg, Pierre, SD.

RECEIVED

MAY - 6 2013

WATER RIGHTS
PROGRAM

AFFIDAVIT OF PUBLICATION

PLAIN TALK

DENR

Division of Environmental Services

Water Rights Program

Joe Foss Building, 523 East Capitol
Pierre, SD 57501

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 TO APPROPRIATE WATER

TAKEN FROM THE PAPER, IN WHICH IT WAS LAST PUBLISHED IN THE
NEWSPAPER ON THE 19 DAY OF APRIL 2013
THAT THE FULL AMOUNT OF THE FEE CHARGED FOR THE PUBLICATION
OF SAID NOTICE TO WIT \$27.31 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: 4/19/13

FILED ON: 4/19/13

Tera A. Schmidt
SUBSCRIBED AND SWORN TO BEFORE ME THIS

24th

DAY OF

April

Erin J. Schell
NOTARY PUBLIC, SOUTH DAKOTA

MY COMMISSION EXPIRES

8/19/2015

NOTICE OF APPLICATION

NO. 7693-3 to Appropriate

Water

Notice is given that Roger A. Hansen, dba Hansen Properties, PO Box B, Centerville SD 57014 has filed an application for a water permit to appropriate 0.67 cubic feet of water per second from one well to be completed into the Lower Vermillion/Missouri Aquifer (120 feet deep) located in the NE 1/4 NE 1/4 Section 22 for irrigation of 27.7 acres located in the N 1/2 NE 1/4 Section 22; all in T95N-R52W.

3100 lbs to 1000 lbs

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7693-3 because: 1) Unappropriated water is available; 2) existing rights will not be unlawfully impaired; 3) it is a beneficial use of water; and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on this application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by April 29, 2013.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's

reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Firmer, Secretary, Department of Environment and Natural Resources.

Published once at the total approximate cost of \$27.31.

Published: April 19, 2013

RECEIVED

APR 24 2013

WATER RIGHTS
PROGRAM

AFFIDAVIT OF PUBLICATION

YANKTON DAILY PRESS AND DAKOTAN

Department of Environment and Natural Resources
PMB 2020
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 Application No. 7693-3

TAKEN FROM THE PAPER, IN WHICH IT WAS LAST PUBLISHED IN THE
NEWSPAPER ON THE 19th DAY OF April 2013
THAT THE FULL AMOUNT OF THE FEE CHARGED FOR THE PUBLICATION
OF SAID NOTICE TO WIT \$25.82 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: 4/19/2013

FILED ON: 4/19/2013

SUBSCRIBED AND SWORN TO BEFORE ME THIS 19th DAY OF April 2013

[Signature]
NOTARY PUBLIC, SOUTH DAKOTA
MY COMMISSION EXPIRES 6/19/2015

4-19

NOTICE OF APPLICATION
NO. 7693-3 to Appropriate Water

Notice is given that Roger A. Hansen, dba Hansen Properties, PO Box B, Centerville SD 57014 has filed an application for a water permit to appropriate 0.67 cubic feet of water per second from one well to be completed into the Lower Vermillion Missouri Aquifer (120 feet deep) located in the NE 1/4 NE 1/4 Section 22 for irrigation of 27.7 acres located in the N 1/2 NE 1/4 Section 22; all in T95N-R32W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7693-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on this application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

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Published once at the total approximate cost of \$25.82.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

dennr.sd.gov

April 10, 2013

Plain Talk
201 W Cherry St
Vermillion SD 57069

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 7693-3 to Appropriate Water. Please publish the notice once on April 19, 2013. 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 Roger A Hansen, dba Hansen Properties, PO Box B, Centerville SD 57014 (Ph # 605-760-5690).

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

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

April 10, 2013

Press & Dakotan
319 Walnut
Yankton SD 57078

ATTENTION: Legal Public Notice

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Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

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

April 10, 2013

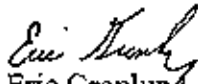
Roger A Hansen
dba Hansen Properties
PO Box B
Centerville SD 57014

Dear Mr. Hansen:

Water Permit Application No. 7693-3 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the *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 recommendation of the Chief Engineer and report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper(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 has also been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,


Eric Gronlund
Natural Resources Engineer
(605) 773-3352

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 the Notice on April 19, 2013. The applicant is responsible for payment. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352 or email: Karen.schlaak@state.sd.us.

NOTICE OF APPLICATION NO. 7693-3 to Appropriate Water

Notice is given that Roger A Hansen, dba Hansen Properties, PO Box B, Centerville SD 57014 has filed an application for a water permit to appropriate 0.67 cubic feet of water per second from one well to be completed into the Lower Vermillion:Missouri Aquifer (120 feet deep) located in the NE 1/4 NE 1/4 Section 22 for irrigation of 27.7 acres located in the N 1/2 NE 1/4 Section 22; all in T95N-R52W.

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Published once at the total approximate cost of _____.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

JUN 11 2013

Roger A Hansen
dba Hansen Properties
PO Box B
Centerville SD 57014

Dear Mr. Hansen:

Enclosed is Water Permit No. 7696-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

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

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

Sincerely,

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

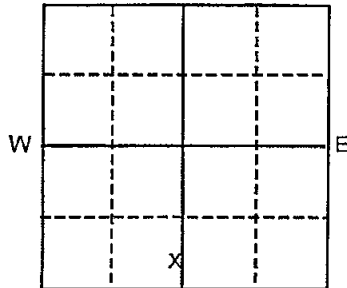
enclosures

SOUTH DAKOTA WATER WELL COMPLETION REPORT

Location NE ¼ NE ¼ Sec 22 Twp 95N Rg 52W

County CLAY

North

Please mark well
location with an "X"

Well Completion Date

January 26, 2013

1 Mile

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
1,500.0 ft. from SEPTIC TANK (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	16.00 IN	0.0 FT	80.0 FT	22.00 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
BENTONITE	17	9.5 Lb/gal	0.0 Ft	40.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure
TREMIE METHOD

SCREEN:

☐ Perforated pipe ☒ Manufactured

Diameter 16.00 Inches Length 40.0 Feet

Material PVC

Slot Size .060 Set From 80.0 Feet to 120.0 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 to which water
quality sample sent for analysis

Well Owner: ROGER HANSEN

Business Name:

Address: PO BOX B

City, State, Zip: CENTERVILLE SD 57014

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
TOP SOIL	0	7
SILT, TAN (LOESS)	7	14
SAND	14	27
DIME SIZE GRAVEL	27	37
PEBBLY GRAVEL, SANDY	37	55
GRAVEL, W/ SOME GREEN SAND	55	114
SAND	114	140

STATIC WATER LEVEL 27.0 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

37.0 Ft. After 1.0 Hrs. pumped 350.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ GPM

REMARKS

RECEIVED

JAN 27 2014

WATER RIGHTS
PROGRAMThis 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: 1/23/14



7693-3
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.



7693-3
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

7693-3



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 black 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

RECEIVED

MAR 11 2019

WATER RIGHTS
PROGRAMWater Right/Permit No. 7693-3Date: 2-21-19I/We request that Water Right/Permit No. 7693-3 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:

Irrigate 27.7 acres located in the N 1/2 NE 1/4 Section 22-T95N-R52W

☒ I understand that the validity of Water Right/Permit No. 7693-3 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>7693-3</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. _____	50	00
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	

No. **09091**

By

Jeanne Goodman
Chief Engineer
DM



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

March 25, 2019

Jon W Wilcke
MetaBank
PO Box 1307
Storm Lake IA 50588

RE: Ownership changes for Hansen Properties – MetaBank transfers

Dear Mr. Wilcke:

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

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

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

If you have any questions, please contact me.

Sincerely,

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

enclosures: Receipts for the filing fees

7693-3



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

January 22, 2021

NOTICE

TO: HANSEN VENTURES LLC, MGR, ROGER A HANSEN, 700 BROADWAY, CENTERVILLE, SD 57014

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

SUBJECT: Reporting Requirement for 2020 Irrigation Questionnaires

Our records indicate your 2020 Irrigation Questionnaires have not been submitted. The request for the Questionnaires was dated October 23, 2020. The Water Management Board has directed that owners of water permits who have not submitted the 2020 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) 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) 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 7003-3, 7383-3, 7693-3, 7994-3 qualification:

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

The hearing will be held at **Wednesday, March 3, 2021 at 10:00 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) 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 7003-3, 7383-3, 7693-3, 7994-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Amend Permit No(s) 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 questionnaires are received in this office before the **March 3, 2021** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaires 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: <https://denr.sd.gov/iq> using this password: XPXKQF**

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.

7693-3



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

March 4, 2021

**NOTICE OF ENTRY OF ORDER FOR ONE YEAR SUSPENSION AND/OR AMENDMENT OF
WATER RIGHTS AND WATER PERMITS**

TO: Roger Hansen, Hansen Ventures LLC, 700 W Broadway, Centerville SD 57014

FROM: Eric Gronlund, Chief Engineer *Eric Gronlund*
Water Rights Program

SUBJECT: One Year Suspension of Water Right or Permit Nos. 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 7003-3, 7383-3, 7693-3, 7994-3 and Amendment of Water Right Nos. 974-3 & 1813-3

On March 3, 2021, the Water Management Board ordered:

Effective April 3, 2021, Water Right or Permit Nos. 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 7003-3, 7383-3, 7693-3, 7994-3 be suspended for the 2021 irrigation season for failure to submit the 2020 irrigation questionnaires.

If the 2020 irrigation questionnaires are received prior to April 3, 2021, the suspensions will not take effect.

Suspension of a water permit or right means water may not be pumped during the 2021 irrigation season. Consistent with the Board's order, you are not permitted to irrigate in 2021 unless the 2020 irrigation questionnaires are submitted by April 3, 2021.

After April 3rd, you may petition the Water Management Board to rescind the suspensions. You will need to submit the 2020 irrigation questionnaires and a letter to our office requesting time on the agenda for the next Water Management Board meeting scheduled for May 5-6, 2021 in Pierre, SD. The letter should include your reasons for not completing the 2020 irrigation questionnaires. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law.

The Water Management Board also amended Water Right Nos. 974-3 & 1813-3 to include the following qualification:

- **"This water right is subject to the Irrigation Water Use Questionnaire being submitted each year."**

March 4th
Roger Hansen
Hansen Ventures LLC
Page 2

The addition of this qualification to your water right means that failure to submit the required irrigation questionnaires in the future could result in suspension of the water rights with no use of water for up to one year for the first violation.

Water Rights Staff will conduct compliance checks of suspended water rights this summer to determine if irrigation is taking place.

Please contact Genny McMath (605) 773-3352, if you have any questions.

7693-3

Certification

I hereby certify that on March 4, 2021, I have personally deposited with the United States mail at Pierre, South Dakota, first class postage, prepaid envelopes containing a Notice dated March 4, 2021 regarding Water Management Board action taken March 3, 2021 for Irrigation Questionnaire violations addressed as stated below:

Amendments:

No. 1994-3: Albert Hattum, 21862 W Bend Rd, Harrold SD 57536
No. 4332-3: Kash Van Dyke, 22071 486th Ave, Elkton SD 57026

One Year Suspensions:

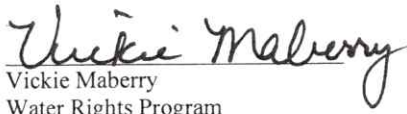
No. 515-3: Bruce D Peterson, 3600 S Slaten Park Dr, Sioux Falls SD 57103
Daniel Benson, 45586 US Hwy 18, Hurley SD 57036
No. 577-1: Max & Brenda Bowen, 17600 Kentucky Pl, Mud Butte SD 57758
No. 5524-3: Wade & Todd Druin, 30911 457th Ave, Volin SD 57072-6322
No. 1554A-1: Franklin Dyck, 313 Pierre St, Vale SD 57788
No. 1935-1: Brian Dyck, 313 Pierre St, Vale SD 57788
No. 2675-3: Beau Gregg, 22289 Mint Rd, Harrold SD 57536
Nos. 6822-3, 8070-3 & 8071-3: Roger Hansen, Hansen Properties, PO Box B, Centerville SD 57014
No. 1150-2: O M Iwan & Sons, 24912 Rocky Ford Rd, Midland SD 57552
Nos. 4678-3 & 6960-3: Craig Jepsen, Jepsen Farms, 505 Larson St SW, Hutchinson MN 55350-2108
Nos. 5566-3, 7615-3 & 7616-3: Wayne Reiersen, 30048 Reiersen Pl, Pollock SD 57648
No. 2350-3: Bill Boyer, River View Farms, PO Box 486, Alcester SD 57001-0486
No. 2497-2: Marty Vanderploeg, 22958 293rd St., Martin SD 57551

Three Year Suspensions:

No. 4472-3: Darrel Biddle, 37461 287th St, Geddes SD 57342
No. 7970-3: David Hoops, PO Box 462, Huron SD 57350-0462

Suspend/Amend

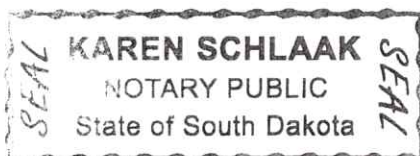
Nos. 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 7003-3, 7383-3, 7693-3, 7994-3, 974-3 & 1813-3:
• Roger Hansen, Hansen Ventures LLC, 700 W Broadway, Centerville SD 57014
Nos. 4705-3, 7924-3, 3803-3 & 4448-3A
• Brandon Ritter, 30489 115th St, Mound City SD 57646
• Iverson Farms, A Ltd Partnership, 30856 119th St, Mound City SD 57646


Vickie Maberry
Water Rights Program

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 4th day of March, 2021.


Karen Schlaak
Notary Public
My Commission expires April 1, 2025





DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

April 6, 2021

Roger Hansen
Hansen Ventures LLC
PO Box B
Centerville SD 57014

RE: Water Permit/Right Nos. 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 6822-3, 7003-3, 7383-3, 7693-3, 7994-3, 8070-3 and 8071-3

Dear Mr. Hansen:

On March 3, 2021, the Water Management Board ordered Water Permit/Right Nos. 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 6822-3, 7003-3, 7383-3, 7693-3, 7994-3, 8070-3 and 8071-3 suspended if the 2020 irrigation questionnaires were not received prior to April 3, 2021.

The questionnaire information for the above listed permits and rights was received on April 1st. Since the irrigation questionnaires are on file, no violations have occurred, and no suspensions will take place. You may irrigate during the 2021 irrigation season.

In the future, the Board may not grant the additional 30-day grace period after the hearing is held. I would caution you against waiting so long to get the forms in.

If you have any questions, please contact us.

Sincerely,

Genny McMath
Water Rights Program
605 773-3352
Genny.mcmath@state.sd.us

7693-3



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

January 20, 2022

NOTICE

TO: HANSEN VENTURES LLC, MGR, ROGER A HANSEN, 700 BROADWAY,
CENTERVILLE, SD 57014

FROM: Ron Duvall, Water Rights Permitting Administrator
for Eric Gronlund, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2021 Irrigation Questionnaire(s)

Our records indicate your 2021 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 974-3, 1813-3, 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 7003-3, 7383-3, 7693-3, 7994-3. The request for the Questionnaire was dated October 22, 2021. The Water Management Board has directed that owners of water permits who have not submitted the 2021 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 974-3, 1813-3, 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 7003-3, 7383-3, 7693-3, 7994-3 qualification:

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

The hearing will be held at **Wednesday, March 2, 2022 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) 974-3, 1813-3, 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 7003-3, 7383-3, 7693-3, 7994-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. 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 2, 2022** 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: <https://danr.sd.gov/iq> using this password: QPLNHE**

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.

7693-3



DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES

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

February 16, 2022

Roger A Hansen
700 Broadway
Centerville SD 57014

RE: Water Right/Permit Nos. 974-3, 1813-3, 6565-3, 6566-3, 6817-3, 6818-3, 6819-3, 6822-3
7003-3, 7383-3, 7693-3, 7994-3, 8070-3 & 8071-3

Dear Mr. Hansen:

I am writing to acknowledge receipt of your 2021 irrigation questionnaires. The forms were all submitted online by PBP Farms.

You may disregard the January 20, 2022, "Notice" concerning reporting requirements for the above listed water permits or water rights. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

Please do not forget to complete and return all the transfer forms sent to you. **The above are still listed under MetaBank, Hansen Irrigated Farms or Hansen Properties.** It is very important to keep ownership records up to date. If you have any questions, please contact me.

Sincerely,

Genny McMath
Water Rights Program
605 773-3352
Genny.mcmath@state.sd.us

76 93-3

RECEIPT**WATER RIGHTS PROGRAM**
South Dakota Department of Agriculture and Natural ResourcesDate January 18, 2023RECEIVED OF Hansen Ventures LLC 700 Broadway 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	\$ _____
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>7693-3</u>	<u>\$50.00</u>
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
	<u>\$50.00</u>

By *Eric Gronlund*
Chief Engineer
EG

PAID

JAN 18 2023

Ck# 1112

Rec't# _____

NOTICE OF TRANSFER OF OWNERSHIP

To: Chief Engineer
Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

No. 7693-3

Date: 12/15/22

I/We request that Water Permit No. 7693-3

formerly owned by: MetaBank

be transferred to: (name & address) Hansen Ventures LLC, 700 Broadway, Centerville SD 57014

Telephone No. (605) 760-5690

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

27.7 acres - N ½ NE ¼ Section 22, T95N, R52W

I/We understand that the validity of Water Permit No. 7693-3 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

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 required to cover the filing fees as required under SDCL 46-2-13. This form must be signed by the new owner.

I/We Hansen Ventures, the new owner, certify that the above information is true and correct.

Roger Hansen
(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.

RECEIVED

JAN 18 2023

OFFICE OF
WATER



7693-3

**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

January 19, 2023

Roger A Hansen
Hansen Ventures LLC
700 Broadway
Centerville SD 57014

RE: Water Right or Permit Nos. 974-3, 1813-3, 6565-3, 6566-3, 6817-3, 6818-3, 6819-3,
7003-3, 7383-3, 7693-3 and 7994-3

Dear Mr. Hansen:

Thank you for sending in the transfer forms and filing fees for the above listed water permits and water rights. The ownership changes have been completed. Nos. 974-3, 1813-3, 6566-3, 6817-3, 6818-3, 6819-3, 7003-3, 7383-3, 7693-3 and 7994-3 formerly held by MetaBank are now listed under Hansen Ventures LLC.

In follow-up to our phone conversation, the land covered under Water Right No. 6565-3 in the NW ¼ Section 21, T95N, R52W was recently transferred to Rus Farms Real Estate. The transfer form sent to you for this water right was unnecessary. The \$50.00 filing fee will be refunded to you within a couple weeks.

The receipts for the other transfers are included with this letter. Thank you and if you have any questions, please let me know.

Sincerely,

Genny McMath
Water Rights Program
605 773-3352
Genny.mcmath@state.sd.us

enclosures



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

January 14, 2025

NOTICE

TO: HANSEN VENTURES LLC, ROGER A HANSEN, 700 BROADWAY ST, CENTERVILLE,
SD 57014

FROM: Ron Duvall, Engineer III
for Eric Gronlund, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2024 Irrigation Questionnaire(s)

Our records indicate your 2024 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 974-3, 1813-3, 6566-3, 6817-3, 6818-3, 6819-3, 7003-3, 7383-3, 7693-3, 7994-3. The request for the Questionnaire was dated October 23, 2024. The Water Management Board has directed owners of water permits who have not submitted the 2024 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 974-3, 1813-3, 6566-3, 6817-3, 6818-3, 6819-3, 7003-3, 7383-3, 7693-3, 7994-3 qualification:

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

The hearing will be held on **Wednesday, March 5, 2025, 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) 974-3, 1813-3, 6566-3, 6817-3, 6818-3, 6819-3, 7003-3, 7383-3, 7693-3, 7994-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. 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 5, 2025**, 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 Amanda Dewell at (605) 773-3352 or email at amanda.dewell@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://danr.sd.gov/iq> using this password: KHRAIF**

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.

Water Rights Program File Documentation

Permit/Right No. and Owner:

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

Date: January 14, 2025

County: Clay

RE: aquifer designation

COMMENTS:

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

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

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

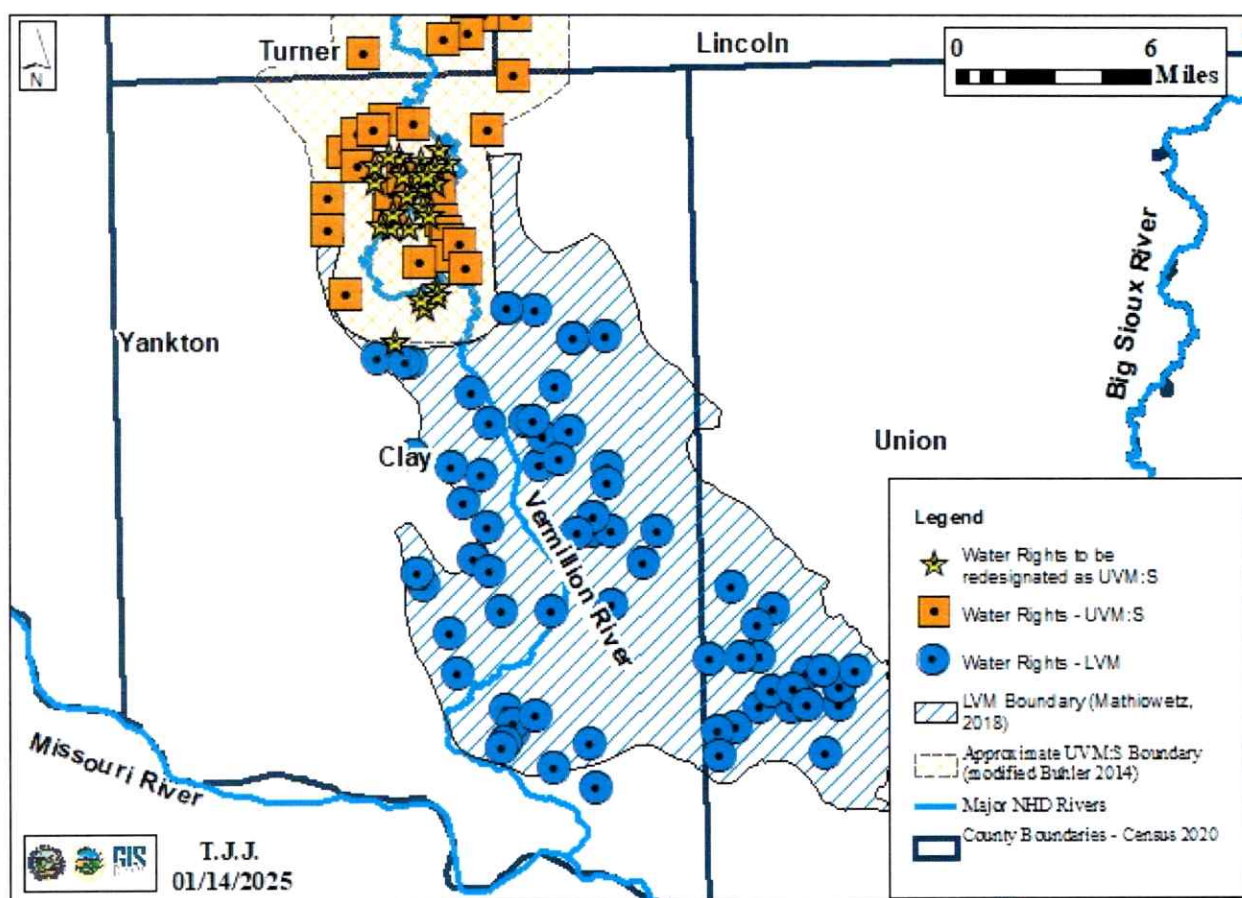


Figure 1. Map of the approximate Upper Vermillion Missouri: South aquifer boundary (Buhler, 2014), map of the approximate Lower Vermillion Missouri aquifer boundary (Mathiowetz, 2018), Water Rights/Permits for Upper Vermillion Missouri: South aquifer, Water Rights/Permits for Lower Vermillion Missouri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



Tyler Jensen
Natural Resources Engineer I



Eric Gronlund
Chief Engineer

References

Buhler, K. A. 2014. Report to the Chief Engineer on 21 Water Permit Applications from the Upper Vermillion Missouri Aquifer. SD DANR – Water Rights Program, Joe Foss Bldg. Pierre, SD.

Jensen, T. 2025. Report to the Chief Engineer on Water Permit Application No. 8910-3. SD DANR-Water Rights Program. Joe Foss Building, Pierre, South Dakota.

Mathiowetz, A. 2018. Report to the Chief Engineer on Water Permit Application 8335-3. Natural Resource Engineer IV, SD DANR – Water Rights Program, Joe Foss Bldg. Pierre, SD.



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

January 28, 2025

974-3, 1813-3, 6566-3, 6817-3
6818-3, 6819-3, 6822-3, 7003-3
7383-3, 7693-3, 7994-3, 8070-3 & 8071-3

Roger Hansen
700 Broadway St
Centerville SD 57014

Dear Mr. Hansen:

I am writing to acknowledge the receipt of one of your 2024 irrigation questionnaires, submitted by John Landeen.

You may disregard the January 14, 2025, "Notice" concerning the reporting requirements for Water Permit No(s). 8070-3. The information was received prior to the March 5, 2025, Water Management Board meeting and the above listed permit number(s) have been removed from the agenda.

Reporting requirements have however not been met for Permit Nos. 974-3, 1813-3, 6566-3, 6817-3, 6818-3, 6819-3, 6822-3, 7003-3, 7383-3, 7693-3, 7994-3 & 8071-3, which are still scheduled to be reviewed by the Board.

If you have any questions or concerns, please contact me.

Sincerely,

Amanda Dewell
Permitting Administrator
Water Rights Program
605 773-3352
Amanda.Dewell@state.sd.us



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

February 4, 2025

974-3, 1813-3, 6566-3
6817-3, 6818-3, 6819-3
6822-3, 7003-3, 7383-3
7693-3, 7994-3, 8071-3

PBP Farms
c/o Brett Petersen
45656 US HWY 18
Hurley SD 57036

Dear Mr. Petersen:

I am writing to acknowledge the receipt of your 2024 irrigation questionnaire(s).

You may disregard the January 14, 2025, "Notice" concerning the reporting requirements for Water Permit No(s). 974-3, 1813-3, 6566-3, 6817-3, 6818-3, 6819-3, 6822-3, 7003-3, 7383-3, 7693-3, 7994-3 & 8071-3. The information was received prior to the March 5, 2025, Water Management Board meeting and the above listed permit number(s) have been removed from the agenda.

If you have any questions or concerns, please contact me.

Sincerely,

Amanda Dewell
Permitting Administrator
Water Rights Program
605 773-3352
Amanda.Dewell@state.sd.us

cc: ROGER HANSEN, 700 BROADWAY ST, CENTERVILLE SD 57014

Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 7693-3

I have this day, December 3, 2024, made a thorough examination of the water use systems owned by Hansen Ventures LLC, 700 Broadway, Centerville, SD 57014, holder of Permit No. 7693-3, bearing the priority date of February 6, 2013. This permit authorizes the diversion of 0.67 cu. ft. per second of the waters of groundwater (Lower Vermillion: Missouri Aquifer) authorizing the irrigation of 27.7 acres located in Clay County.

Inspection contacts: Roger Hansen and Brett Peterson

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): 120 feet
- 4) Well log is available: Yes

Casing:

- 1) Diameter: 16 inches
- 2) Length: 80 feet
- 3) Type: Plastic

Screen:

- 1) Diameter: 16 inches
- 2) Length: 40 feet
- 3) Type: PVC
- 4) Static water level: 27 feet

Pump:

- 1) Make: Grundfos
- 2) Model: 475S200-2
- 3) Capacity: 350 gpm

Motor:

- 1) Make: Grundfos
- 2) Model No.: Unknown
- 3) Horsepower rating: 20 hp

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

- | | | |
|--------------------------|-----------------------|---|
| 1) Type: <u>Aluminum</u> | Size: <u>6</u> inches | Length: <u>15</u> feet (<u>Well to SE Pivot</u>) |
| 2) Type: <u>PVC</u> | Size: <u>6</u> inches | Length: <u>850</u> feet (<u>Well to NW Pivot</u>) |

C. Works used to apply water to beneficial use:

Center Pivot: (NW Pivot)

- 1) Make: Zimmatic
- 2) Overall length: 332 feet
- 3) Number of towers: 3
- 4) End gun: Yes Range: 102 feet
- 5) Capacity: 300 gpm

Center Pivot: (SE Pivot)

- 1) Make: Zimmatic
- 2) Overall length: 675 feet
- 3) Number of towers: 4
- 4) End gun: Yes Range: 90 feet
- 5) Capacity: 350 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: The pump produces more flow than what was permitted.

E. Condition and Location:

- 1) The system is in good condition with the point(s) of diversion located as follows:
The well is 580 feet south and 780 feet west of the northeast corner of Section 22-T95N-R52W (Latitude 43.03857, Longitude -96.96644- NE1/4 of the NE1/4).
2) The works are capable of diverting and conveying to the places of use 0.78 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: All in

<u>Section 22-T95N-R52W</u>	
<u>NW1/4NE1/4</u>	<u>10 acres</u>
<u>NE1/4NE1/4</u>	<u>17 acres</u>

comprising a total of 27 acres of land and the license should be issued for 0.67 cfs.

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

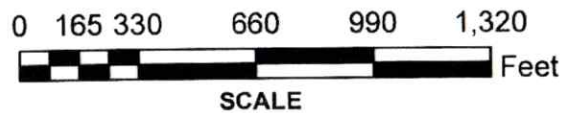
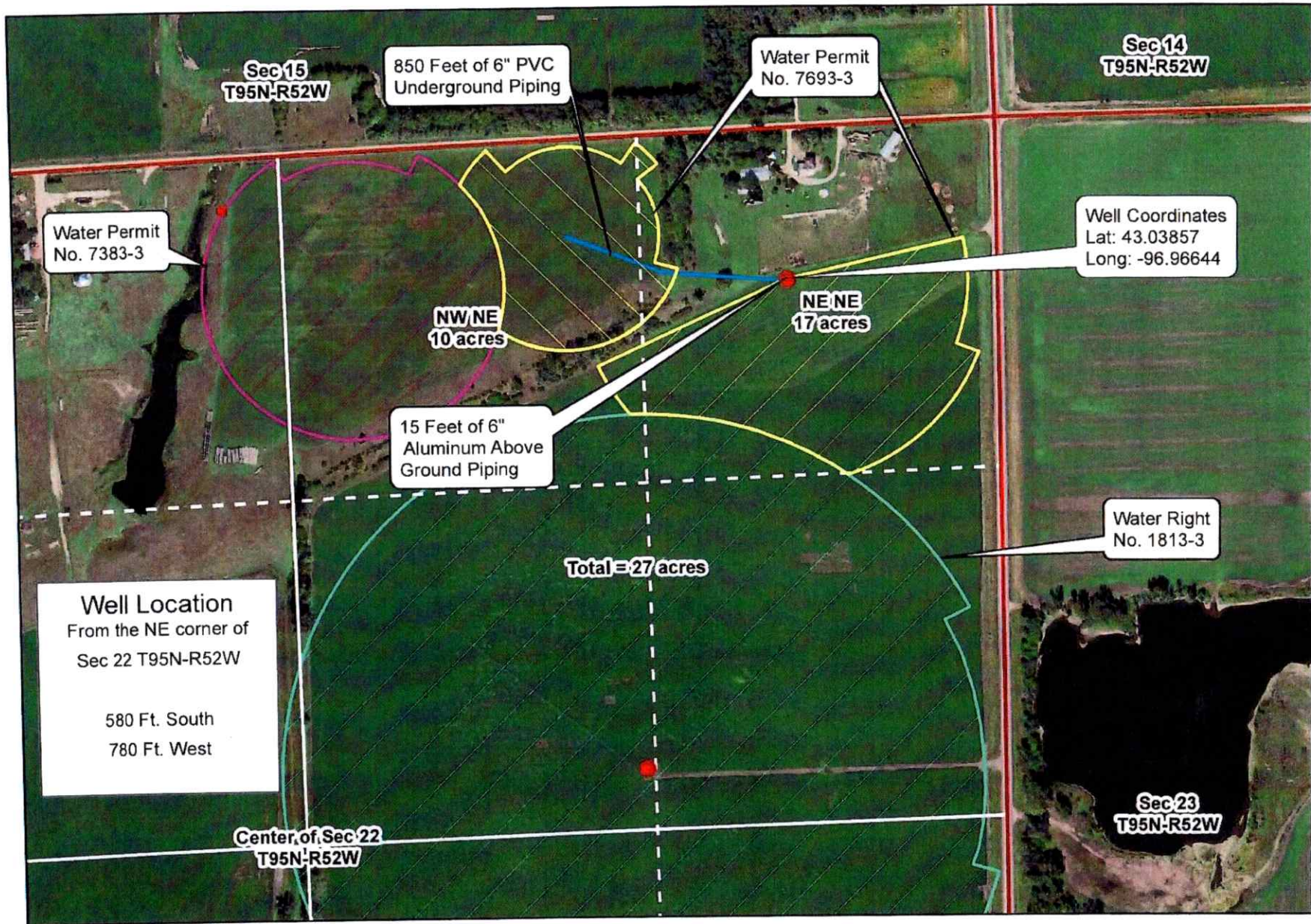
F. Comments or other permit(s) associated with the project: Water Permit No. 7693-3 irrigates some of the same land as does Water Right No. 1813-3 and Water Permit No. 7383-3. The overlap areas are not included in the acreage calculated and shown for Water Permit No. 7693-3 since they are included in the other two. The pump and motor information was obtained from Heine Electric and Irrigation, Inc. The pump is capable of producing 0.78 cfs instead of 0.67 cfs.

Keith DeJong

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

Date report completed: December 5, 2024

Water Permit No. 7693-3



Keith DeJong
Keith DeJong, PE Ret.
Staff Engineer
December 3, 2024



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

MAY 15 2025

Hansen Ventures LLC
c/o Roger Hansen
700 Broadway
Centerville, SD 57014

No. 7693-3

Dear Mr. Hansen:

Enclosed is Water License No. 7693-3. This is the final water right document completing your process of obtaining a Water Right. Included with your license is a map prepared by the staff engineer who conducted the field investigation.

For your information SDCL 46-6-27 requires that if in the future, the owner of an existing well, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

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

Sincerely,

Mark Mayer, PE
Director of Office of Water
(605) 773-3352

Note: The inspection found your system for Water Right No. 7693-3 to be capable of diverting 0.78 cfs (approx. 350 gpm). Permit No. 7693-3 authorized the diversion of 0.67 cfs (approx. 300 gpm).

Note: While the original permit was issued for appropriations from the Lower Vermillion: Missouri Aquifer, the aquifer designation has been changed to the Southern Management Unit Upper Vermillion Missouri Aquifer, based on the best information available. Redesignation of the appropriated aquifer does not represent a physical change in water source.

enclosures

**STATE OF SOUTH DAKOTA
WATER LICENSE NO. 7693-3**

(1) Roger A Hansen dba Hansen Properties, made Application No. 7693-3, February 7, 2013, for a water permit to divert 0.67 cubic feet of water per second from groundwater, one well (Southern Management Unit Upper Vermillion Missouri Aquifer), Clay County, South Dakota for irrigation purposes. Permit No. 7693-3, with a priority date of February 6, 2013, was approved April 29, 2013, and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before April 29, 2018, and for the application to beneficial use of water on or before April 29, 2022.

Ownership of Permit No. 7693-3 was transferred to Hansen Ventures LLC, 700 Broadway, Centerville, SD 57014 on January 18, 2023.

(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 0.67 cubic feet of water per second for beneficial use. The location of the diversion point is:

- 580 feet S and 780 feet W from the NE corner of Section 22, T95N, R52W (NE ¼ NE ¼)
(Latitude 43.03857 and Longitude -96.96644)

(3) The amount of 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.

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

Section 22, T95N, R52W
NE ¼ NE ¼ - 17 acres
NW ¼ NE ¼ - 10 acres
Total – 27 acres

(5) Pursuant to South Dakota Water Law 46-5-30.1 Hansen Ventures LLC, the holder and/or owner of Water Right No. 7693-3 is issued a license to appropriate water, the right to use 0.67 cubic feet of water per second from groundwater, one well (Southern Management Unit Upper Vermillion Missouri Aquifer), with a priority date of February 6, 2013, 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. 7693-3 and subject to 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.

continued

2. The well authorized by Permit No. 7693-3 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. *(The well was drilled in 2013 by Hammond-Wetmore Drilling LLC. A copy of the well completion report is on file with the Water Rights Program.)*

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. 7693-3 authorizes a maximum diversion rate of 0.67 cfs for the irrigation of 27.7 acres with an annual volume not to exceed 2 acre-feet of water per acre per year. *(The number of acres authorized for irrigation under Water Right 7693-3 was reduced to 27, based on the system as constructed.)*

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



Mark Mayer, PE
Director of Office of Water



date

