

WATER PERMIT NO. 7804-3

Name of Applicant: Jeremy or Ruthie Wendling

Address: 19028 456th Ave, Lake Norden SD 57248 Phone: 605 881-7084

Amount of Water Claimed: 0.10 cfs Total Acres: 12

Source of Water Supply: groundwater (one well)

Water to be used for: irrigation County: Hamlin

Type of Waste Disposal System:

Location: 7 miles east of Hayti

PRIORITY Date Received: 3-1-13 Application/License Fee: \$ 300.00

Corrected Application Received: 3-20-13 Period of Annual Use: May 1 – Sept 30

Remarks:

Diversion Point: SE 1/4 NW 1/4 Sec 4-T113N-
R52W

Land to be Irrigated: SE 1/4 NW 1/4 Sec 4-T113N-
R52W

Depth of Well: 50 feet

Well Driller: Kaiser Well Drilling

Remarks:

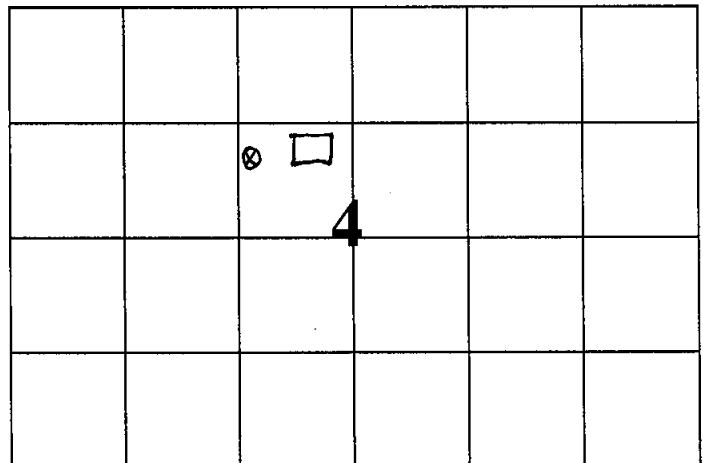
Type of Map: aerial

Prepared by:

Reviewed and the Number Assigned on: 3-20-13

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. 7804-3 (office use only) Hydrologic Unit 10170202
Basin Sioux River 605-783-3636
Newspaper Ham Co Herald Box 207 Hayti 57241
605-886-6901
Public Opinion Box 10 Watrous 57201

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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 Jeremy or Ruthie Wendling(check one) ☒ Owner ☐ Tenant/lessee ☐ Owner's Legal Agent

(name and complete address if different than above name)

Mailing Address 19028 456th ave Lake Norden SD 57248

(Address)

(City)

(State)

(Zip Code)

Home Phone 785-5333 Cell 881-7084 Email JWendling1977@GMail.com2. Amount of water claimed 0.10 CFS or 45 **GPM ~~***AF~~ Total Acreage 12
(*Cubic Feet per Second) (**Gallons per Minute) (***Acre Feet - storage capacity of dam/dugout or annual use if applicable)3. Source of water supply 1 well4. Location of point of diversion (SE 1/4 NW 1/4) Sec 4 TWP 113 Rng 52

(example - 3 wells in SW 1/4 NE 1/4 section 12-T104N-R53W)

1 wellCounty Hamlin5. County or counties where water will be used Hamlin6. Annual period during which water is to be used Summer May 1 - September 307. 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
<u>SE 1/4 NW 1/4 Sec 4 TWP 113 Rng 52</u>	<u>12</u>		

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

Farm GroundI, Jeremy Wendling, 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. 7804-3

Date of first receipt of application March 1, 2013.

Date of return to applicant for corrections, amendments or changes March 5, 2013.

Date of receipt of corrected application March 20, 2013.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7804-3 to Jeremy or Ruthie Wendling, 19028 456th Ave, Lake Nordon SD 57248 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. 7804-3 appropriates 0.10 cubic feet of water per second from one well to be completed into the Big Sioux:Brookings Aquifer (50 feet deep) located in the SE 1/4 NW 1/4 Section 4 for irrigation of 12 acres located in the E 1/2 NW 1/4 Section 4; all in T113N-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: May 1 – September 30.
3. The date from which applicant may claim right is March 1, 2013.
4. The date of approval of Permit No. 7804-3 is June 3, 2013.
5. One-fifth of the construction is to be completed on or before December 3, 2015.
6. All construction is to be completed on or before June 3, 2018.
7. Water is to be put to beneficial use on or before June 3, 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. 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 24 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 _____ Have test holes been drilled ☐ Yes ☐ No Drilled by _____
(if yes, please provide copies of logs)
- b) If existing wells, how many 1 Provide copy of log(s), if available. Drilled by Kaiser Well Drilling
- c) Well Depth 50 Depth to Top of Water Bearing Material _____ Depth to Water from Surface 16 feet
- d) Distance to nearest existing domestic well:

On applicant's property _____

On property owned by others 800 feet

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

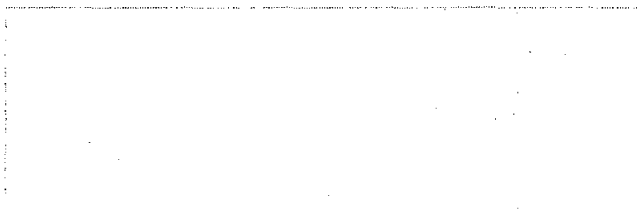
3. Dugout Information

- 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)

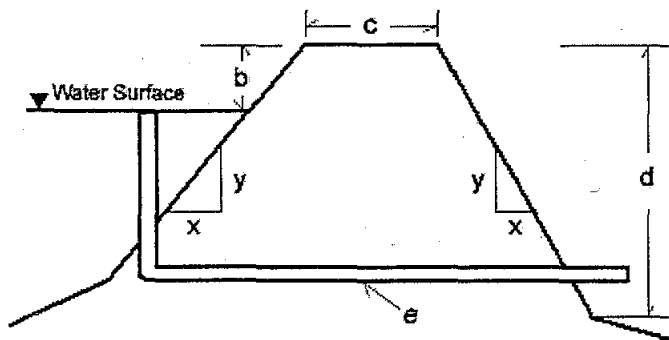
Upstream _____

Downstream _____

h) Surface Area of Impoundment _____

i) Storage _____ Acre Feet

j) Drainage Area Above Dam _____ Acres



Sec 32
T114N
R52W

Sec 33
T114N
R52W

Sec 34
T114N
R52W

Sec 5
T113N
R52W

Sec 4
T113N
R52W

Sec 3
T113N
R52W

Sec 8
T113N
R52W

Sec 9
T113N
R52W

Sec 10
T113N
R52W

NW sec 4 TWP 113 Rng 52

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Damon Starno
FSA CEO
2-27-13

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Search Results for South Dakota Water Well Completion Reports

* [Link http://denr.sd.gov/des/wr/dblogsearch.aspx](http://denr.sd.gov/des/wr/dblogsearch.aspx) Search Again * [Link http://denr.sd.gov/des/wr/dblogsearch.aspx](http://denr.sd.gov/des/wr/dblogsearch.aspx)

Link:	PDF image of well completion report * Link http://denr.sd.gov/wrimage/WellCompletionReports/images75k/0006368							
Name/Business:	DAVID E. ANDERSON		County:		HAMLIN			
Date Completed:	4/20/2007		Well Type:		DOMESTIC		Depth (feet):	50
Legal Description:	NW	Sec	4	Tw	113	N	Rng	52 W

Record of 2 * [Link http://denr.sd.gov/des/wr/dblogs.aspx?appSession=302111158901385&RecordID=61368&cpipage=1&PageID=3&PrevPageID=3&CPISortType=&CPIorderBy=&cbR](http://denr.sd.gov/des/wr/dblogs.aspx?appSession=302111158901385&RecordID=61368&cpipage=1&PageID=3&PrevPageID=3&CPISortType=&CPIorderBy=&cbR)

SOUTH DAKOTA WATER WELL COMPLETION REPORT

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JUN 21 2007

07-92

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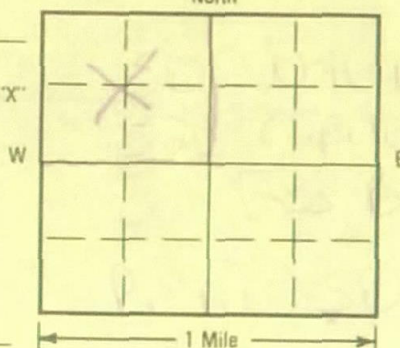
Location NW 1/4 — 1/4 Sec 4 Twp 113 Rg 52

County

Hamlin

North

Please mark well location with an "X"



Well Completion Date

4-20-07

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 150 ft. from old well (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

Pneumatic Rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>SDR17</u> LB/FT	<u>5</u> IN	<u>24</u> FT	<u>24</u> FT	<u>7 3/8</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>Ben Seal</u>	<u>1</u>	<u>30</u> lb./gal	<u>0</u> ft	<u>15</u> ft
		lb./gal	ft	ft

Describe grouting procedure pressure grout 11 M. 11.2

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 5 IN Length 20 FEET

Material plastic

Slot Size 10/32 Set From 24 Feet to 44 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: 11 M 11.2

☐ NO, Why Not?

Laboratory sent to for water quality analysis

Well Owner: David F. Anderson

Business Name: same

Address: 5 Louise Dr.

Water town SD 57201

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Top Soil</u>	<u>0</u>	<u>22</u>
<u>yellow clay</u>	<u>2</u>	<u>30</u>
<u>yellow granular blinks</u>	<u>30</u>	<u>44</u>
<u>Blue clay</u>	<u>44</u>	<u>50</u>

STATIC WATER LEVEL 16 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

Reduced Flowrate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe: Art. lift

☐ Bailed

☐ Other

Pumping Level Below Land Surface

27 ft. After 1 Hrs. pumped 40 GPM

27 ft. After 4 Hrs. pumped 40 GPM

If pump installed, pump rate _____ GPM

REMARKS

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This well was drilled under license # 699

And this report is true and accurate.

Drilling firm Kaiser Well Drilling

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

David F. Anderson

Date: 4-23-07

6-21-07

RECEIPT

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South Dakota Department of Environment and Natural Resources

Date 3/4, 20 13

RECEIVED OF Jeremy Wendling 19028 456th Ave Lake Norden SD 57248

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

Fee for Application for Permit No. <u>7804-3</u> 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 _____		
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	100	00

No. 06212

By David Erbe
Chief Engineer

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 3/20, 20 13

RECEIVED OF Jeremy A Wendling 19028 456th Ave Lake Norden SD 57248

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	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>7804-3</u>		
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	200 00

No. **06254**

By

David Erbe
Chief Engineer



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DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

denr.sd.gov

March 5, 2013

Jeremy or Ruthie Wendling
19028 456th Ave
Lake Norden SD 57248

Dear Mr. & Mrs. Wendling:

Thank you for submitting the *Application for a Permit to Appropriate Water* for irrigation in Hamlin County. In order to complete the application, the following is required.

- Enclosed is the aerial photo map submitted with the application. The map needs to reference a government section corner or quarter corner including section, township and range. For your use, I have enclosed a map with those designations. Please outline the 12 acres to be irrigated and mark the proposed well location with an "X".
- It appears the acreage to be irrigated will be located in the SE 1/4 NW 1/4 Section 4-T113N-R52W. Do you agree? *Yes*
- We have received your check for \$100. The application is \$100 and the license filing fee is \$200. Please submit an additional \$200.

If you have any questions, please contact me.

Sincerely,

Karen Schlaak
Water Rights Program
605 773-3352
karen.schlaak@state.sd.us

enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

denr.sd.gov

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 7804-3, Jeremy or Ruthie Wendling**

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. 7804-3, Jeremy or Ruthie Wendling, 19028 456th Avenue, Lake Norden SD 57248.

The Chief Engineer is recommending APPROVAL of Application No. 7804-3 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. 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
May 15, 2013

REPORT TO THE CHIEF ENGINEER
ON
WATER PERMIT APPLICATION NO.7804-3
JEREMY OR RUTHIE WENDLING
MAY 15, 2013

Water Permit Application No. 7804-3 proposes to appropriate water at a maximum diversion rate of 0.10 cubic feet of water per second (cfs) from an existing well completed into the Brookings management unit of the Big Sioux aquifer. The well is 50 feet deep and is located in the SE ¼ NW ¼ Section 4 for the irrigation of 12 acres located in the E ½ NW ¼ Section 4; all in T113N-R52W in Hamlin County.

AQUIFER: Brookings management unit of the Big Sioux aquifer (BS: B)

GEOLOGY AND AQUIFER CHARACTERISTICS:

The Big Sioux: Brookings is a predominantly surficial outwash aquifer that is primarily under water table conditions in the area of this application (Koch, 1980). The Big Sioux: Brookings extends south from Hamlin County into Brookings County, and east into Deuel County. The aquifer underlies approximately 191,100 acres and contains an estimated 642,230 ac-ft of recoverable water in storage (Hedges et. al, 1982). In Hamlin County alone the aquifer underlies 88,500 acres and has 331,880 ac-ft of recoverable water (Hedges et. al, 1982). The aquifer is hydraulically connected to area lakes, streams, and the Big Sioux River (Kume, 1985). Kume (1985) estimated that Big Sioux: Brookings has an average thickness of 30 feet and can be encountered at generally less than 50 feet below ground surface. Kume (1985) also stated that wells completed into the Big Sioux: Brookings aquifer could yield in excess of 1,000 gpm of water that is suitable for irrigation.

The well completion report submitted with this application identified yellow clay from ground surface to 30 feet below grade, yellow gravel from 30 to 44 feet below grade, and then blue clay 44 to 50 feet below grade. The static water level in the well was 16 feet below ground surface in April 2007.

SDCL 46-2A-9

Pursuant to SDCL 46-2A-9, a permit to appropriate water may be issued 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 address the availability of unappropriated water and existing rights from the aquifer.

WATER AVAILABILITY:

This application proposes to appropriate water from the Big Sioux: Brookings aquifer. The actual water use if this application is approved will likely be less than 24 acre-feet per year (ac-ft/yr). The probability of unappropriated water available from the aquifer can be evaluated by considering 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.” If the source of the water is older or lower than the Greenhorn Formation and a public water system has applied for a permit, the Board need not consider the recharge/withdrawal issue. Here, a public water system is not involved and the aquifer is not older or lower than the Greenhorn Formation, therefore withdrawal/recharge issue must be considered.

Hydrologic Budget:

Recharge:

Recharge to the Big Sioux: Brookings is by infiltration of precipitation, and seepage from the Big Sioux River and its tributaries (Kume, 1985). Recharge rates and volumes from various sources for the entire aquifer and just Hamlin County are shown in Table 1. This is not to suggest that this entire volume of water is available everywhere in the aquifer but demonstrates that in general the Big Sioux: Brookings aquifer is readily recharged.

Source	Rate (in/yr)	Entire Aquifer (ac-ft)	Hamlin County (ac-ft)
Koch, 1980	6.57	104,627	48,454
Kume, 1985			48,531*
Hedges et. al, 1985	4.0	63,700	29,500
*= volume is for Hamlin and Deuel County			

Table 1- Recharge rates and volumes to the Big Sioux: Brookings aquifer

Discharge:

The Big Sioux: Brookings discharges through seepage to the Big Sioux River and its tributaries during periods of low flow and stage, evapotranspiration, and well withdrawals (Koch, 1980). There are 245 water rights/permits appropriating water and nine future use permits reserving water from the Big Sioux: Brookings aquifer with 115 water rights/permits and four future use permits in Hamlin County alone (Water Rights, 2013b). 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, and 3) future use permits can be fully developed. The estimated average annual withdrawal by non-irrigation appropriations including future use permits from the Big Sioux: Brookings is 15,700 ac-ft with only 4,750 ac-ft of that coming from water rights/permits in Hamlin County (Water Rights, 2013b).

The domestic withdrawal from the Big Sioux: Brookings is not significant to the hydrologic budget of the aquifer, especially since many of the domestic wells are no longer used as primary sources of water since the introduction of rural water systems to the area. Table 2 shows the irrigation withdrawal from the Big Sioux: Brookings aquifer in Hamlin County. The average annual irrigation pumping from the entire aquifer is 8,279 ac-ft (Water Rights, 1979-2012).

Hydrologic Budget:

Estimated average annual withdrawal from the Big Sioux: Brookings is 23,979 ac-ft with only 8,736.5 ac-ft in Hamlin County at the current level of appropriation. This is much less than estimated average annual recharge. The annual withdrawals from the entire aquifer and just

from Hamlin County are much less than the estimated recharge to either. Therefore, there is a reasonable probability that unappropriated water is available from the Big Sioux: Brookings aquifer for this proposed appropriation.

Year	No. of Permits Reporting	Appropriation (ac-ft)	Pumpage (ac-ft)
2011	85	30544	4927.3
2010	84	30304	1681.63
2009	80	29384	3986.48
2008	75	28037.2	5934.02
2007	73	27571.2	5702.96
2006	69	26687.2	6807.48
2005	68	26573.2	5626.58
2004	66	26093.2	6106.78
2003	59	24353.2	5554.05
2002	60	24623.2	5620.65
2001	60	24623.2	3751.65
2000	62	25634.2	3778.59
1999	62	25646.2	3262.16
1998	63	26410.2	2908.97
1997	61	25867.7	2209
1996	61	25867.7	3624.86
1995	66	26997.7	2273.54
1994	65	26997.7	915.94
1993	67	28013.7	746.5
1992	67	27621.7	1289.6
1991	67	27732.7	4332.54
1990	76	32927.08	3352.82
1989	69	31952.4	7536.6
1988	64	31575.4	8181.4
1987	62	31060.9	4430.5
1986	64	33206.9	1453.82
1985	65	33462.9	1676.4
1984	65	33721.9	3948.1
Min	59	24353.2	746.5
Max	85	33721.9	8181.4
Avg	67.3	28338.9	3986.5

Table 2- Irrigation Water Use from the Big Sioux: Brookings in Hamlin County (Water Rights 1979-2012).

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 of the aquifer.”

The DENR-Water Rights Program monitors 80 observation wells completed into the Big Sioux: Brookings aquifer with 25 located in Hamlin County (Water Rights, 2013a). The nearest observation wells are HN-77D and HN-57B, which are approximately 1.8 miles north and 3.9 miles east, respectively (Water Rights, 2013a). Water levels in the observation wells show response to climatic conditions. The water levels rise (recharge) during wet years and gradually decline during dry years. The hydrographs show the effects of pumping, but it does not appear to be significant over the period of record. The climatic effects on water level mask the temporal impacts of well withdrawal. Therefore, recharge to and natural discharge from the Big Sioux:

Brookings aquifer significantly exceeds pumping. Recognizing that natural discharge can be captured, there is a reasonable probability that unappropriated water is available for this proposed appropriation. The hydrographs for observation wells HN-77D and HN-57B generally agree with the other observation wells completed into the aquifer. Figures 1 and 2 show the hydrographs for observation wells HN-77D and HN-57B, respectively.

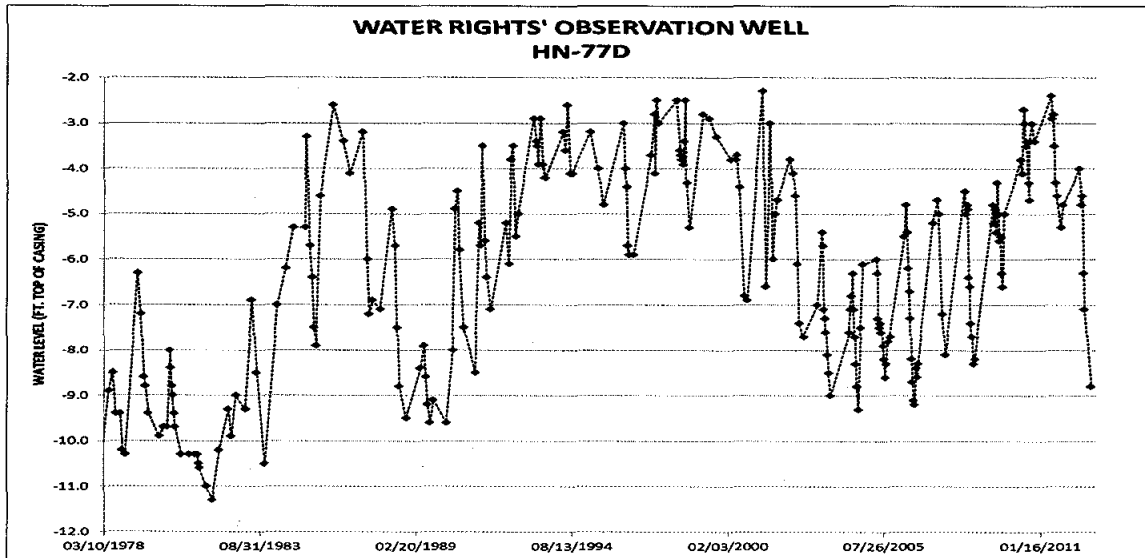


Figure 1- Hydrograph of DENR-Water Rights' observation well HN-77D (Water Rights, 2013a)

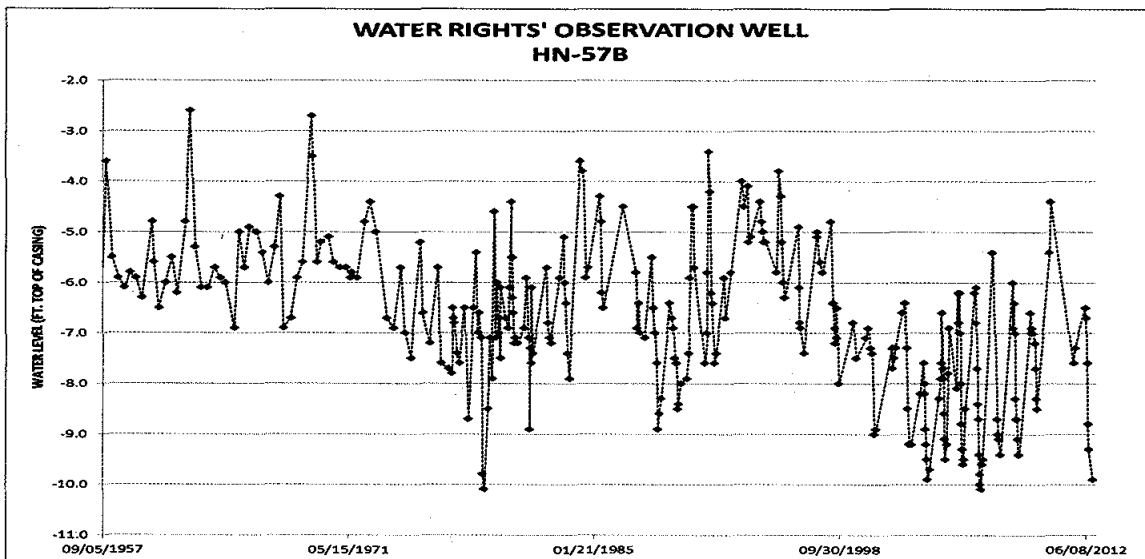


Figure 2- Hydrograph of DENR-Water Rights' observation well HN-57B (Water Rights, 2013a)

EXISTING WATER RIGHTS:

Water Right No. 3216-3 is the only water right/permit within approximately three miles of the well that this application proposes to use (Water Rights, 2013b). Water Right No. 3216-3 is located approximately 1.9 miles northwest of the well site. There is one domestic well on file with the SD DENR-Water Rights Program that is approximately one-quarter mile north of the

well site, but there are no other domestic wells on file within approximately 1.5 miles (Water Rights, 2013c). Figure 3 shows a map of the area near this application.

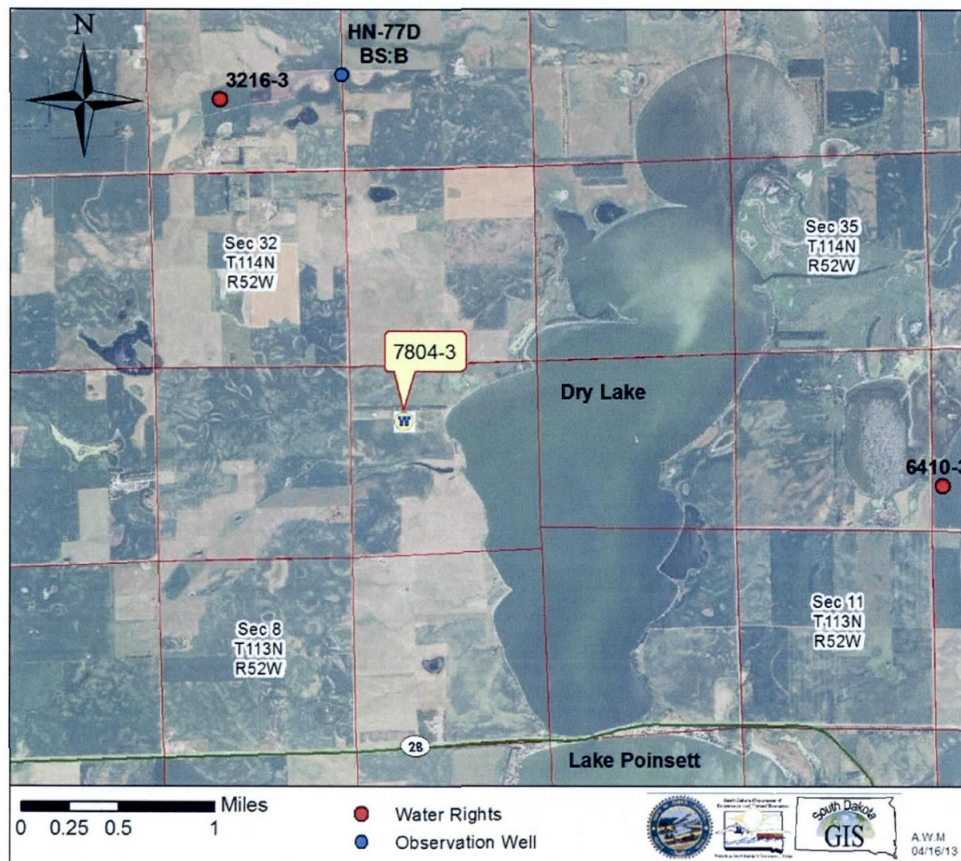


Figure 3- Map of the area near Water Permit Application No. 7804-3

In the past, the Water Management Board has recognized that to place water to maximum beneficial use, a certain amount of drawdown may occur. The water table conditions of the aquifer in this area and the proximity to Dry Lake dictate that drawdown due to pumping would not be significant far from the proposed well site.

However, the close proximity of wells pumping from this relatively thin aquifer could lead to water level declines being compounded and magnified. Drawdown cannot be precisely quantified without aquifer testing in the area. While the withdrawals would not exceed recharge of the aquifer as a whole, this cumulative impact of withdrawals could lead to a reduction of water levels to the extent that local water rights/permits can no longer pump at their developed, or “historically established,” diversion rates. If approved, the water permit should include a qualification that the well owner should 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.

CONCLUSIONS:

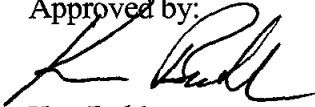
1. Water Permit Application No. 7804-3 proposes to appropriate water from the Big Sioux: Brookings aquifer for the irrigation of 12 acres at a maximum diversion rate of 0.10 cfs.

2. There is a reasonable probability that unappropriated water is available from the Big Sioux: Brookings aquifer to supply this proposed diversion.
3. There is a reasonable probability that the diversion requested by this application can be made without adversely affecting existing water rights or domestic users.



Adam Mathiowetz
SD DENR-Water Rights Program

Approved by:



Ken Buhler
SD DENR-Water Rights Program

REFERENCES:

- 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
- Hedges, L.S., S.L. Burch, D.L. Iles, R.A. Barari, and R.A. Schoon. 1982. Evaluation of Ground-water Resources in 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
- Koch, N.C. 1980. Appraisal of the Water Resources of the Big Sioux Aquifer, Brookings, Deuel, and Hamlin Counties, South Dakota. Water-Resources Investigations Report 80-100. USGS, Huron, SD.
- Kume, J. 1985. Water Resources of Deuel and Hamlin Counties, South Dakota. Water-Resources Investigations Report 84-4069. USGS, Huron SD.
- Water Rights. 1979-2012. "1979-2011 Irrigation Summaries by Aquifer": SD DENR-Water Rights Program, Joe Foss Building, Pierre, SD.
- Water Rights. 2013a. Observation Well Files. SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, SD.
- Water Rights. 2013b. Water Right/Permit Files. SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, SD.
- Water Rights. 2013c. Well Completion Reports. SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, SD.

RECEIVED

MAY 24 2013

Form 8

WATER RIGHTS
PROGRAM

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County of Hamlin) SS

I, Lee Anne Dufek

certify that the attached printed Notice was taken

from the Hamlin County
Herald Enterprise

printed and published in Hayti

County of Hamlin and

state of South Dakota. The notice was published

in the newspaper on the following date:

May 22, 2013

Cost of Printing \$ 23.10

Lee Anne Dufek
(Signature)

Published
(Title)

5-23-2013
(Date Signed)

NOTICE OF APPLICATION NO.
7804-3 TO APPROPRIATE WATER

Notice is given that Jeremy or Ruthie Wendling, 19028 456th Ave, Lake Norden SD 57248 has filed an application for a water permit to appropriate 0.10 cubic feet of water per second from one well to be completed into the Big Sioux-Brookings Aquifer (50 feet deep) located in the SE 1/4 NW 1/4 Section 4 for irrigation of 12 acres located in the E 1/2 NW 1/4 Section 4; all in T113N-R52W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7804-3 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 June 3, 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. Pirner,
Secretary

Department of Environment
and Natural Resources

Published May 22, 2013, at total cost of \$23.10.

10

RECEIVED

MAY 31 2013

Form 8

WATER RIGHTS
PROGRAM

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County of Codington) SS

I, Monica K. Saathoff

certify that the attached printed Notice was
taken

from the Watertown Public Opinion

printed and published in Watertown

County of Codington and

state of South Dakota. The notice was
published

in the newspaper on the following date:

May 22nd, 2013

Cost of Printing 57.29

Monica K. Saathoff
(Signature)

Bookkeeper

(Title)

May 22nd, 2013

(Date Signed)

irrigation of 12 acres located in the E 1/2 NW 1/4 Section 4; all in T113N-R52W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7804-3 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 June 3, 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. Pirner, Secretary, Department of Environment and Natural Resources.

Published once at the approximate cost of \$52.25. (May 22, 2013)

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

NOTICE OF APPLICATION NO. 7804-3 to Appropriate Water

Notice is given that Jeremy or Ruthie Wendling, 19028 456th Ave, Lake Norden SD 57248 has filed an application for a water permit to appropriate 0.10 cubic feet of water per second from one well to be completed into the Big Sioux-Brookings Aquifer (50 feet deep) located in the SE 1/4 NW 1/4 Section 4 for

All legal notices in the Public Opinion and other South Dakota newspapers can be found at
www.sdpublicnotices.com



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

denr.sd.gov

May 16, 2013

Hamlin County Herald Enterprise
PO Box 207
Hayti SD 57241

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 7804-3 to Appropriate Water. Please publish the notice once on May 22, 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 Jeremy or Ruthie Wendling, 19028 456th Ave, Lake Norden SD 57248 (Ph # 605-785-5333).

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

May 16, 2013

Public Opinion
PO Box 10
Watertown SD 57201

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 7804-3 to Appropriate Water. Please publish the notice once on May 22, 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 Jeremy or Ruthie Wendling, 19028 456th Ave, Lake Norden SD 57248 (Ph # 605-785-5333).

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

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

May 16, 2013

Jeremy or Ruthie Wendling
19028 456th Ave
Lake Norden SD 57248

Dear Sir:

Water Permit Application No. 7804-3 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 Hamlin Co. Herald Enterprise printed at Hayti SD (Ph # 605-783-3636) and the Public Opinion printed at Watertown SD (Ph # 605-886-6901). 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 May 22, 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. 7804-3 to Appropriate Water

Notice is given that Jeremy or Ruthie Wendling, 19028 456th Ave, Lake Norden SD 57248 has filed an application for a water permit to appropriate 0.10 cubic feet of water per second from one well to be completed into the Big Sioux:Brookings Aquifer (50 feet deep) located in the SE 1/4 NW 1/4 Section 4 for irrigation of 12 acres located in the E 1/2 NW 1/4 Section 4; all in T113N-R52W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7804-3 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 June 3, 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. Pirner, Secretary, Department of Environment and Natural Resources.

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 24 2013

Jeremy or Ruthie Wendling
19028 456th Ave
Lake Norden SD 57248

Dear Sir:

Enclosed is Water Permit No. 7804-3 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

7804-3



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: JEREMY OR RUTHIE WENDLING, 19028 456TH AVE, LAKE NORDON, SD 57248

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) 7804-3. 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) 7804-3 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) 7804-3 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: AAECUK**

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



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

January 24, 2022

7804-3

Jeremy or Ruthie Wendling
19028 456th Ave
Lake Norden SD 57248

Dear Mr. & Mrs. Wendling:

I am writing to acknowledge receipt of your 2021 irrigation questionnaire.

You may disregard the January 20, 2022, "Notice" concerning reporting requirements for Water Permit No. 7804-3. 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
Genny.mcmath@state.sd.us

Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 7804-3

I have this day, May 2, 2022, made a thorough examination of the water use system constructed by Jeremy or Ruthie Wendling, 19028 456th Ave, Lake Norden, SD 57248 of Permit No. 7804-3, bearing the priority of March 1, 2013 authorizing the diversion of 0.10 cu. ft. per second of the waters of the Big Sioux: Brookings Aquifer for irrigation purposes, in Hamlin County.

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Kaiser Well Drilling
- 2) No. of Wells 1
- 3) Depth(s) 44 feet
- 1) Well log is available Y

Casing:

- 1) Diameter 5 inches
- 2)
- 3) Length 24 feet
- 4) Type Plastic

Screen:

- 1) Type Plastic
- 2) Length 20 feet
- 3) Static water level 16 feet

Pump:

- 1) Make Submersible
- 2) Model Unknown
- 3) Size Unknown
- 4) Capacity 50 GPM

Motor:

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

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

- 1) Type Buried PVC
- 2) Size 2 inches
- 3) Length 775 feet

C. Works used to apply water to beneficial use:

Center pivot:

- 1) Make Unknown – old unit
- 2) Overall length 175 feet
- 3) Number of towers 1
- 4) End gun Y
- 5) Capacity 50 GPM

Chemigation Equipment:

- 1) Does chemigate N

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by Y

If no, describe: **Permit authorizes 0.10 cfs but system pumps 0.11 cfs (45 vs 50 gpm)**

- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Y
- 3) Exceptions to compliance are: None

E. Condition and Location:

1. The system is in fair condition with the point(s) of diversion located as follows: WELL LOCATION From the NW corner Sec 4 T113N R52W, 1625 ft S & 1489 ft E, Lat 45.14565 Long -96.94093 (SE ¼ NW 1/4).
2. The works are capable of diverting and conveying to the place of use 0.11 cu. ft. per second of water which is to be used for irrigation. Water has been put to beneficial use to the maximum extent as follows:
legal description/acreage
Land in Sec 4 T113N R52W
SE NW – 12 acres
comprising a total of 12 acres of land and the license should be issued for 0.10 cfs
3. All structures, wells and lands on map Y

F. Comments or other permit(s) associated with the project:

The irrigated acreage was estimated with the aid of FSA imagery and ArcMAPS software.

The pump rate reported in a recent Irrigation Questionnaire was used to establish the system flow capacity. Using a single tower pivot that is moved during the irrigation season.

The mailing address and the telephone number in the permit materials are current.

I talked to Ruthie Wendling during the field inspection visit.



Darrell W DeBoer
Water Rights Inspector
DANR, Water Rights Program

Date report completed: November 10, 2023



0 0.05 0.1 0.2 0.3 0.4 Miles



Darrell DeBoer
Water Right Inspector
DANR-Water Rights Program



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

NOV 20 2023

7804-3

Jeremy & Ruthie Wendling
19028 456th Ave
Lake Nordon SD 57248

Dear Mr. & Mrs. Wendling:

Enclosed is Water License No. 7804-3. 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,

Eric Gronlund, Chief Engineer
Water Rights Program
(605) 773-3352

NOTE: The investigation found your irrigation system is capable of diverting 0.11 cubic feet of water per second (cfs) which is equivalent to approximately 50 gallons per minute. Permit No. 7804-3 authorized the diversion of 0.10 cfs (approximately 45 gpm). Diversion of water under this water license is limited to 0.10 cfs.

enclosures

**STATE OF SOUTH DAKOTA
WATER LICENSE NO. 7804-3**

(1) Jeremy & Ruthie Wendling; 19028 456th Ave, Lake Nordon SD 57248, made Application No. 7804-3, March 1, 2013, for a water permit to divert 0.10 cubic feet of water per second from groundwater, one well (Big Sioux: Brookings Aquifer), Hamlin County, South Dakota for irrigation purposes. Permit No. 7804-3, with a priority date of March 1, 2013, was approved June 3, 2013, and issued to the applicants for diversion of water with construction of the described water supply system to be completed on or before June 3, 2018, and for the application to beneficial use of water on or before June 3, 2022.

(2) It is certified that the permit holders have complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and are entitled to divert 0.10 cubic feet of water per second for beneficial use. The location of the diversion point is:

- 1,625 ft S & 1,489 ft E of the NW corner of Section 4, T113N, R52W (SE ¼ NW ¼)
(Latitude 45.14565 & Longitude -96.94093)

(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: May 1 – September 30.

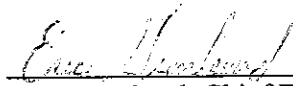
(4) The permit holders have complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate to following land:

Section 4, T113N, R52W
SE ¼ NW ¼ - 12 acres

(5) Pursuant to South Dakota Water Law 46-5-30.1 Jeremy & Ruthie Wendling, the holders and/or owners of Water Right No. 7804-3 are issued a license to appropriate water, the right to use 0.10 cubic feet of water per second from groundwater, one well (Big Sioux: Brookings Aquifer), with a priority date of March 1, 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. 7804-3 and subject to the following qualifications:

1. The well approved under this Water Right will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owners under this Water Right shall control their 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 Water Right is approved subject to the irrigation water use questionnaire being submitted each year.


Eric Gronlund, Chief Engineer
Water Rights Program
Department of Agriculture and Natural Resources

NOV 20 2023
date

