

WATER PERMIT NO. 7576-3

Name of Applicant: Scott and Jeanne Jepsen

Address: 31675 455th Ave, Meckling SD 57069 Phone: 605 638-0602

Amount of Water Claimed: 3.56 cfs Total Acres: 260 acres

Source of Water Supply: groundwater (two wells)

Water to be used for: irrigation County: Clay

Type of Waste Disposal System:

Location: 8 miles west of Vermillion

PRIORITY Date Received: 1-24-13

Application/License Fee: \$ 1250

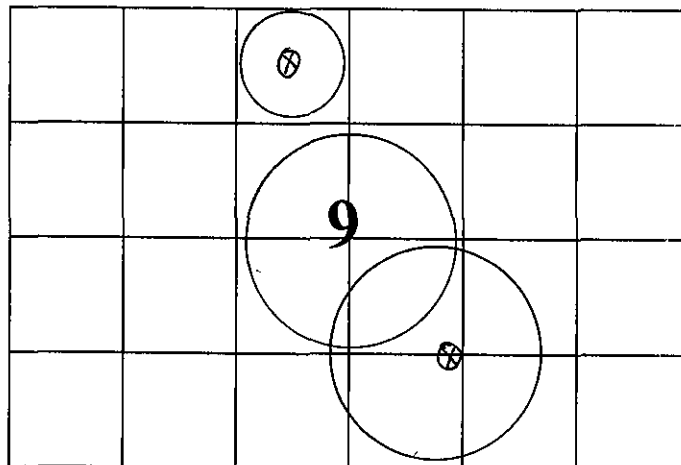
Corrected Application Received: 2-4-13

Period of Annual Use: April 1 – October 31

Remarks:

Diversion Point: NE 1/4 NW 1/4 and approximate center of SE 1/4 Sec 9-T92N-R53W

Land to be Irrigated: E 1/2 NW 1/4, SW 1/4 NE 1/4, SE 1/4, W 1/2 SW 1/4 Sec 9; all in T92N-R53W



Depth of Well: 115 feet deep

Well Driller:

Remarks:

Type of Map: aerial

Prepared by:

Reviewed and the Number Assigned on: 2-4-13

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. <u>7675-3</u> (office use only) Hydrologic Unit <u>10170101</u> <u>605-624-2695</u>
	Basin <u>Missouri River</u>
	Newspaper <u>Plain Talk 201 W Cherry St Vermillion</u> <u>605-665-7811</u> <u>57069</u>
	<u>Press & Democrat 319 Walnut Yorkton SD 57069</u>

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JAN 24 2013

WATER RIGHTS
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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 Scott Jepsen & Jeanne Jepsen(check one) ☒ Owner ☐ Tenant/lessee ☐ Owner's Legal Agent

(name and complete address if different than above name)

Mailing Address 31675 455th ave Meckling SD 57069
(Address) (City) (State) (Zip Code)Home Phone _____ Cell 605-638-0602 Email _____2. Amount of water claimed 3.56*CFS or 1,600**GPM Both wells ***AF Total Acreage 260
(*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 Missouri aquifer4. Location of point of diversion 1 well in the NE 1/4 of the NW 1/4 of Section 9, T92N R 53W. & 1 well -
(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)approximate center SE 1/4 Sec 9 - T92N - R53W County Clay5. County or counties where water will be used Clay6. Annual period during which water is to be used April-October annually Apr 1 - Oct. 317. List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
(Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
NE 1/4 of NW 1/4, Section 9, T92N, R53W	34	NW 1/4 of SE 1/4, Section 9, T92N, R53W	36
SE 1/4 of NW 1/4, Section 9, T92N, R53W	34	SE 1/4 of SE 1/4, Section 9, T92N, R53W	28
NE 1/4 of SW 1/4, Section 9, T92N, R53W	34	NE 1/4 of SE 1/4, Section 9, T92N, R53W	20
SW 1/4 of SE 1/4, Section 9, T92N, R53W	34	SW 1/4 of NE 1/4, Section 9, T92N, R53W	34

8. Give a description of the project. (Attach sheet if more space is needed) SE 1/4 SW 1/4 Sec 9 6

Crop irrigation of above listed properties.

I, Scott Jepsen Jeanne M Jepsen, 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. 7675-3

Date of first receipt of application January 24, 2013.

Date of return to applicant for corrections, amendments or changes January 25, 2013.

Date of receipt of corrected application February 4, 2013.

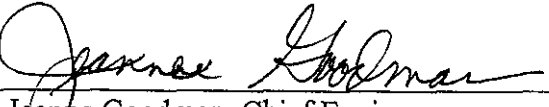
The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7675-3 to Scott and Jeanne Jepsen, 31675 455th Ave, Meckling SD 57069 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 7675-3 appropriates 3.56 cubic feet of water per second from two wells to be completed into the Missouri:Elk Point Aquifer (115 feet deep) located in the NE 1/4 NW 1/4 and the approximate center of the SE 1/4 Section 9 for irrigation of 260 acres located in the E 1/2 NW 1/4, E 1/2 SW 1/4, SW 1/4 NE 1/4, SE 1/4 Section 9; all in T92N-R53W.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: April 1 – October 31.
3. The date from which applicant may claim right is January 24, 2013.
4. The date of approval of Permit No. 7675-3 is April 1, 2013.
5. One-fifth of the construction is to be completed on or before October 1, 2015.
6. All construction is to be completed on or before April 1, 2018.
7. Water is to be put to beneficial use on or before April 1, 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 wells 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 wells authorized by Permit No. 7675-3 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. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

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

MAY 20 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 X 2 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 115 Depth to Top of Water Bearing Material 65 Depth to Water from Surface 12

d) Distance to nearest existing domestic well:

On applicant's property >3000' On property owned by others >1750'

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

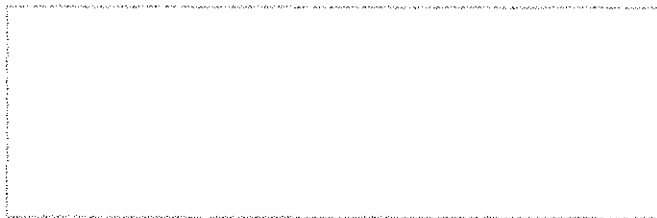
a) Surface Dimensions _____ Depth _____

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)

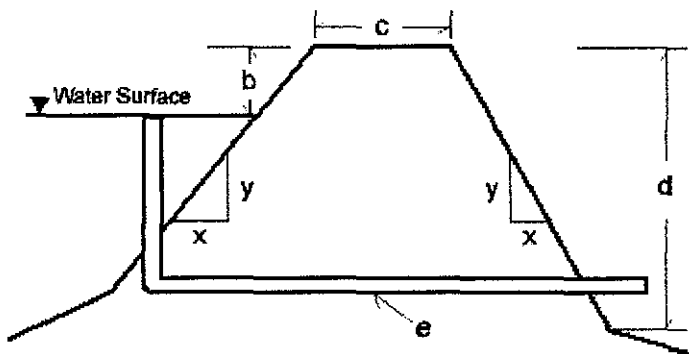
Upstream _____

Downstream _____

h) Surface Area of Impoundment _____

i) Storage _____ Acre Feet

j) Drainage Area Above Dam _____ Acres





Google earth

feet 4000
km 1



Norway Township
T92 N R53 & S2 W

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section 9 clay county south dakota T92N53W
WATER RIGHTS
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Lindsay Manufacturing Co.



2707 North 108th Street
Omaha, NE 68164
800 - 829 - 5300 office

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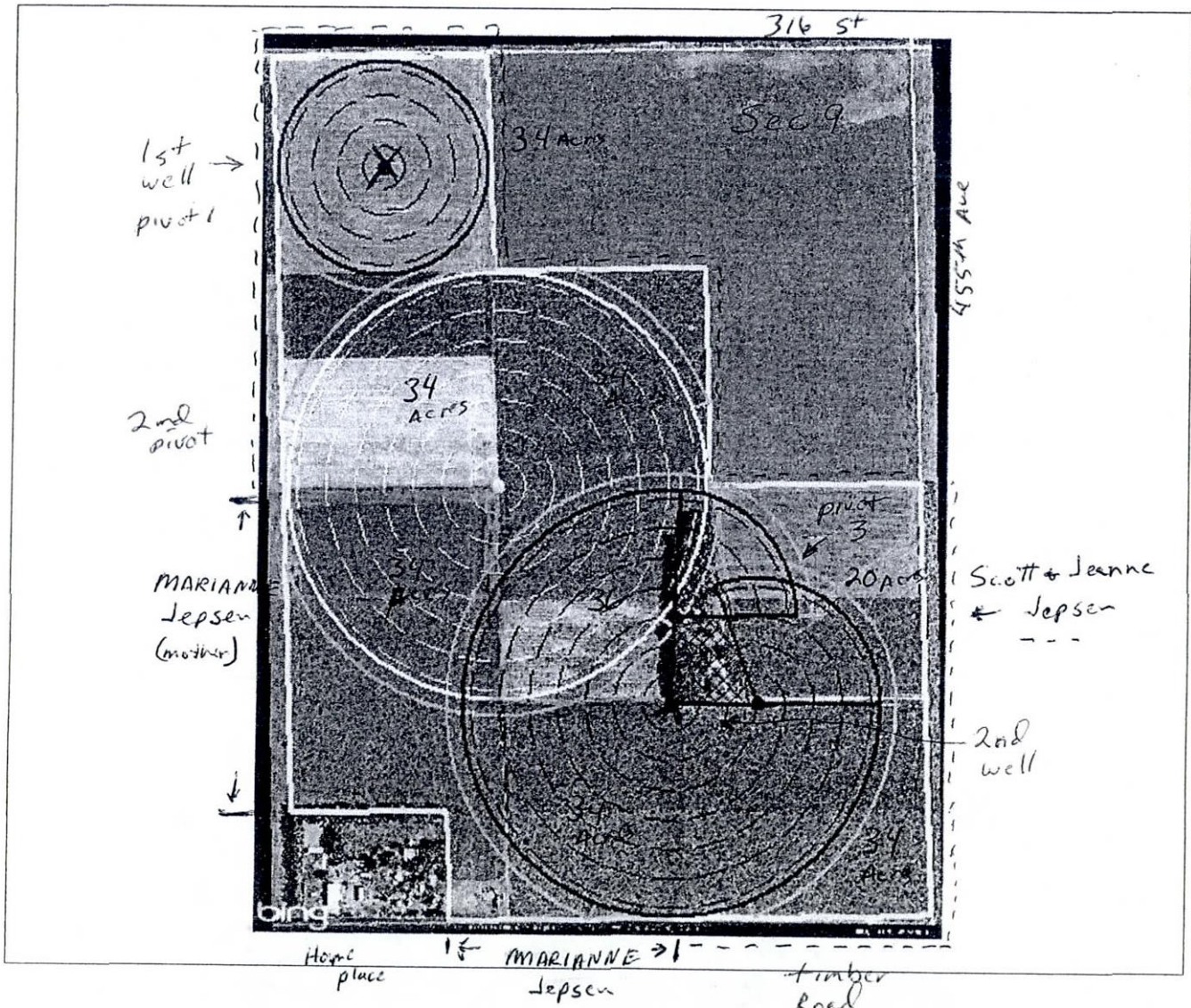
Farm: Field1

Grower: Scott Jepsen

Sec 9 CLAY county South Dakota
T92N R53W S2

1/15/2013

Systems:	Length	Spans
● Pivot 1	657.25 ft	4 spans + 44 ft o.h.
○ Pivot 2	1303.67 ft	7 spans + 44 ft o.h.
● Pivot 3	1303.67 ft	7 spans + 44 ft o.h.
● Pivot 4	766.92 ft	4 spans + 44 ft o.h.
● Pivot 5	766.92 ft	4 spans + 44 ft o.h.



Lindsay Manufacturing Co.



2707 North 108th Street
Omaha, NE 68164
800 - 829 - 5300 office

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Farm: Field1

Grower: Scott Jepsen

Sec 9 CLAY County South Dakota
T92N R53W52

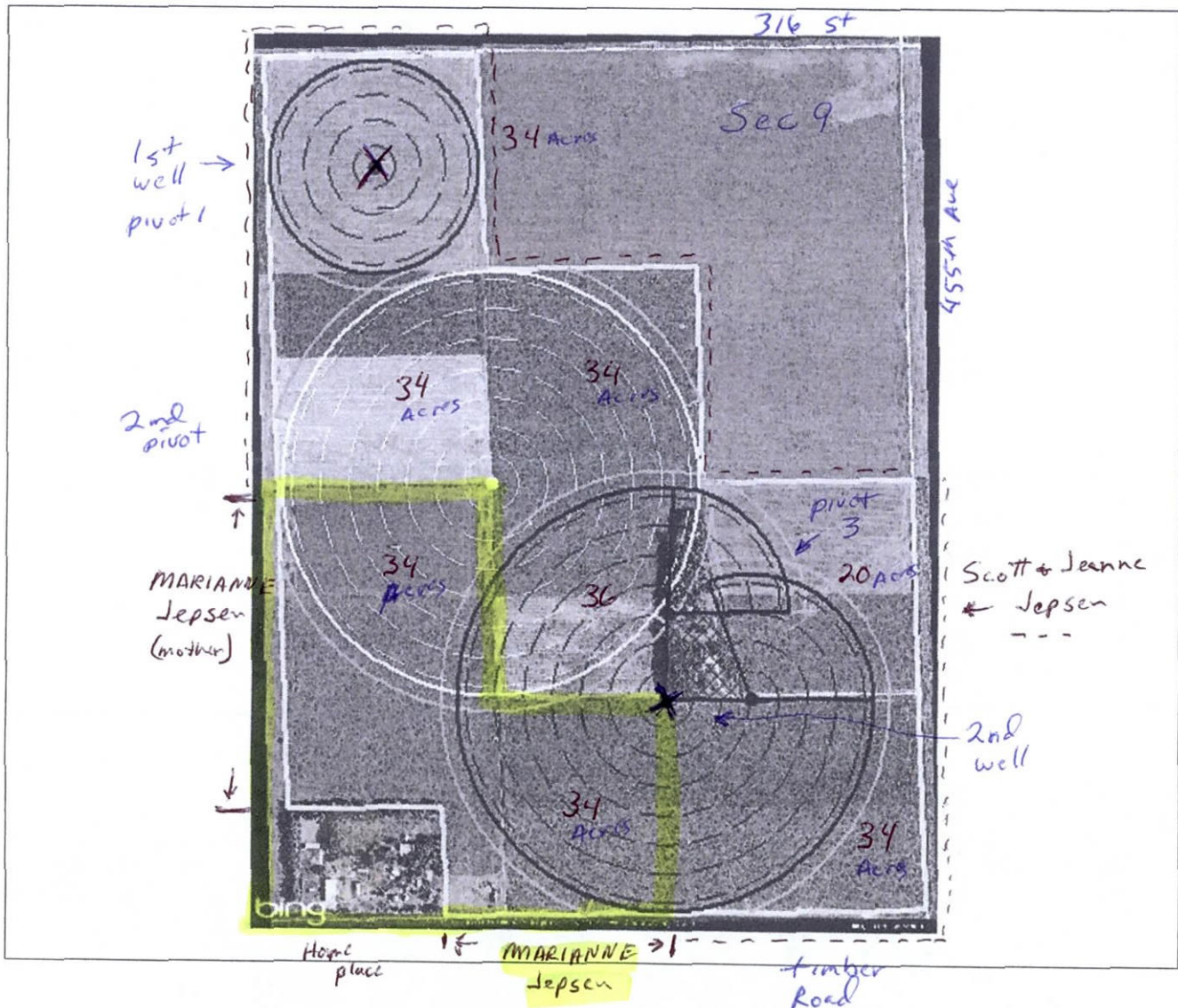
1/15/2013

Systems:	Length	Spans
● Pivot 1	657.25 ft	4 spans + 44 ft o.h.
○ Pivot 2	1303.67 ft	7 spans + 44 ft o.h.
● Pivot 3	1303.67 ft	7 spans + 44 ft o.h.
● Pivot 4	766.92 ft	4 spans + 44 ft o.h.
● Pivot 5	766.92 ft	4 spans + 44 ft o.h.

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FEB - 4 2013

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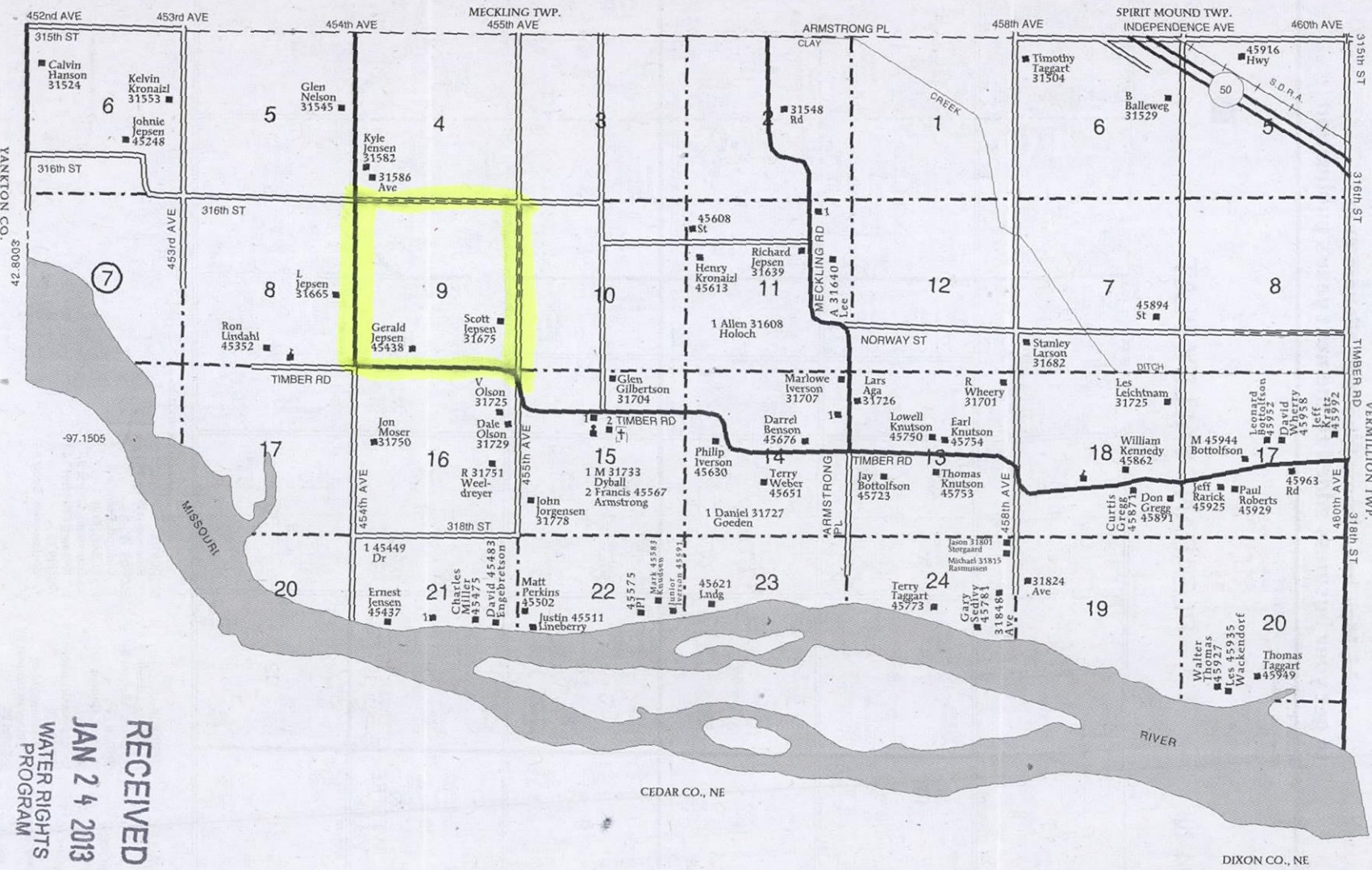


T-92-N

NORWAY DIRECTORY

R-52-53-W

(Residents - Owners or Renters)



DIXON CO., NE

CEDAR CO., NE

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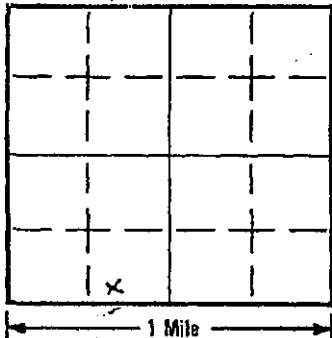
WATER RIGHTS PROGRAM

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SE 1/4 SW 1/4 Sec 9 Twp 92N Rg 53W
County Clay North

Please mark well location with an "X"



Well Completion Date

Nov 30, 2003

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 166 ft. from Fert 1st (identify source).

PROPOSED USE:

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

METHOD OF DRILLING:

RotaryCASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>SDR 21 LB/FT</u>	<u>5 IN</u>	<u>6 FT</u>	<u>103 FT</u>	<u>9 IN</u>
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Best GRT</u>	<u>6</u>	<u>210</u> lb./gal	<u>20</u> ft.	<u>80</u> ft.
<u>Con GRT</u>	<u>4</u>	<u>214</u> lb./gal	<u>6</u> ft.	<u>20</u> ft.

Describe grouting procedure TREKINGSCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 5 IN Length 20 FEETMaterial PVCSlot Size .040 Set From 83 Feet to 103 Feet

Other information _____

WAS A PACKER OR SEAL USED? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? _____

DISINFECTION: Was well disinfected upon completion?

YES, How: _____

NO, Why Not? _____

Laboratory sent to for water quality analysis _____

Well Owner: Scott Jepsone

Business Name: _____

Address: Meckling, SD

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>clay, DK BRN, Silty</u>	<u>0</u>	<u>7</u>
<u>SAND, fine</u>	<u>7</u>	<u>55</u>
<u>clay, DK GR. BRN, Silty</u>	<u>55</u>	<u>57</u>
<u>Sand, fine</u>	<u>57</u>	<u>70</u>
<u>GRAVEL, med to coarse</u>	<u>70</u>	<u>104</u>

STATIC WATER LEVEL 11 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:

☒ PumpedDescribe: Pumped 1 Hr After☒ Bailedcleared by BAILING☐ Other _____

Pumping Level Below Land Surface

12 ft. After 2 Hrs. pumped 25 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate 16 GPMREMARKS **RECEIVED**

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JAN 30 2004

This well was drilled under license # 666

And this report is true and accurate.

Drilling firm Hammond Wetmore Drilling

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: 1-2-04

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WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 1 2/4, 20 13

RECEIVED OF Scott Jepsen 31675 455th Ave Meckling SD 57069

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	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. <u>76-715-3</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	100 00

No. 06080

By

David Erdahl
Chief Engineer

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 1/24, 20 13

RECEIVED OF Scott Jepsen 31675 455th Ave Meckling SD 57044

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

Fee for Application for Permit No. <u>7675-3</u> to Appropriate Water, to construct and to put water to beneficial use	1050	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>7675-3</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	1150 00

No. 0601

By

David G. G. G.
Chief Engineer



January 25, 2013

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

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FEB - 4 2013

WATER RIGHTS
PROGRAM

Scott & Jeanne Jepsen
31675 455th Ave
Meckling SD 57069

Dear Mr. & Mrs. Jepsen:

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

- Enclosed is one of the maps submitted with the application. It appears that Pivot 3 will water a portion of the SE 1/4 SW 1/4 Section 9. Do you agree and if so, how many acres? *6 plus*
- The application indicates 1 well located in the NE 1/4 NW 1/4 Section 9. The map indicates *but minus 6 SE of SE* a second well located in the approximate center of the SE 1/4 Section 9. Are you applying for 2 wells? Is the amount of water claimed 900 gpm total or 900 gpm from each well? *800 gpm For Each well*
- We have received the \$1,150.00 application/license filing fee. The fee for irrigation of 260 acres is \$1,250.00. Please submit an additional \$100.00.

If you have any questions, please contact me.

Sincerely,

Karen Schlaak

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. 7675-3, Scott Jepsen & Jeanne Jepsen**

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. 7675-3, Scott Jepsen and Jeanne Jepsen, 31675 455th Avenue, Meckling SD 57069.

The Chief Engineer is recommending APPROVAL of Application No. 7675-3 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 wells 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 wells authorized by Permit No. ⁷⁵7668-3 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. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.

Garland Erbele, Chief Engineer
March 13, 2013

REPORT TO THE CHIEF ENGINEER
ON
WATER PERMIT APPLICATION NO. 7675-3
SCOTT & JEANNE JEPSEN
February 26, 2013

Water Permit Application No. 7675-3 proposes to appropriate up to 520 acre-feet annually (ac-ft/yr) at a maximum diversion rate of 3.56 cubic feet of water per second (cfs) from two wells to be completed into the Missouri: Elk Point aquifer. The wells will be located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ and the approximate center of the SE $\frac{1}{4}$ of Section 9, T92N-R53W and is expected to be approximately 115 feet deep. This application proposes to irrigate 260 acres located in the E $\frac{1}{2}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ of Section 9, T92N-R53W in Clay County.

AQUIFER: Elk Point management unit of the Missouri aquifer (M: EP)

GEOLOGY AND AQUIFER CHARACTERISTICS:

The Elk Point management unit of the Missouri aquifer is an alluvium mantled outwash composed of sand and gravel material (Stephens, 1967). The Missouri: Elk Point aquifer is under both unconfined and confined conditions. Although the aquifer is technically confined at the proposed well site locations, it behaves as though it is unconfined. The Elk Point management unit of the Missouri aquifer encompasses regions of Clay, Union, and Yankton Counties. The proposed well sites are located in southwestern Clay County less than two and one half miles from the Clay and Yankton county line and less than two and one half miles north of the Missouri River. The Missouri: Elk Point aquifer underlies approximately 119,500 acres of Clay and Yankton Counties combined and contains an estimated 1,792,500 acre-feet of recoverable water in storage between the two counties (Hedges and others, 1982). The aquifer is hydraulically connected to the Dakota, Lower James-Missouri and the Lower Vermillion-Missouri aquifers as well as the Missouri and Vermillion Rivers. The ground water in this aquifer generally moves from northwest to southeast in the area of this application (Stephens, 1967). The well completion report submitted with this application reports a saturated thickness of approximately 47 feet.

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 Missouri: Elk Point aquifer.

WATER AVAILABILITY:

This application proposes to appropriate up to 520 ac-ft/yr from the Missouri: Elk Point aquifer. If this application is approved, it is likely that the actual water use will be less than the appropriated amount. 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 Missouri: Elk Point aquifer occurs through infiltration and percolation of precipitation falling in areas where the aquifer is near land surface. Recharge is also provided to the aquifer from the Lower Vermillion-Missouri and Dakota aquifers as well as during times of high flow and stage from the Missouri River. The average annual recharge rate to the Missouri: Elk Point aquifer is estimated to be 3.8 in/yr based on observation well analysis (Hedges and others, 1985). Given the area of the management unit in Clay and Yankton Counties of 119,500 acres, average annual recharge to the aquifer in Clay and Yankton Counties is estimated to be 37,842 ac-ft/yr.

Discharge:

Discharge from the Missouri: Elk Point aquifer is by evapotranspiration, discharge to the Missouri River during low flow and to the underlying Dakota aquifer, and withdrawal from wells. There are a number of completion reports on file with the SD DENR-Water Rights Program for domestic use wells completed into the Missouri: Elk Point aquifer (Water Rights, 2013b) and there are currently 507 water rights/permits appropriating water from the Missouri: Elk Point aquifer (Water Rights, 2013c). In addition, there are five future use permits reserving water from the aquifer. There are 212 water rights/permits appropriating water from this aquifer in Clay and Yankton Counties (Water Rights, 2013c). All five of the future use permits reserving water from the aquifer are from Clay County. The distribution of these appropriations and their types are shown in Table 1.

Water Rights/Permits	Number
Commercial	4
Domestic	1
Fish & Wildlife Propagation	4
Industrial	3
Irrigation	190
Municipal	6
Rural Water System	2
Suburban Housing Development	2
Future Use Permits	Number
Lewis & Clark Rural Water System	4
City of Vermillion	1

Table 1. Water rights/permits from the Missouri: Elk Point aquifer in Clay and Yankton Counties (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.
3. Future use permits can be fully developed.

The expected water use for non-irrigation purposes, including that reserved for future use, from the Missouri: Elk Point aquifer in Clay and Yankton Counties is less than 55,500 ac-ft/yr based on current water appropriations. The annual reported water use from the Missouri: Elk Point aquifer from Clay and Yankton Counties for irrigation purposes is displayed in Table 2.

YEAR	NO. OF PERMITS	APPROPRIATION (AC-FT/YR)	PUMPAGE REPORTED (AC-FT/YR)
2011	159	59580.2	4817.85
2010	152	56802.8	1205.86
2009	146	56330.8	2906.15
2008	135	53899.8	10120.26
2007	109	43852	11665.06
2006	97	41239	9825.11
2005	84	35725	6642.1
2004	78	34383.8	7311.97
2003	74	33687.8	7081.67
2002	74	33209.8	8193.25
2001	71	32471.8	6787.26
2000	69	31531.8	6271.02
1999	68	31351.8	4006.87
1998	69	31660.8	3867.62
1997	68	31875.2	5778
1996	67	31725.2	4291.2
1995	66	31080.8	4521.29
1994	69	32259.6	2499.98
1993	68	31794	330
1992	67	31218.8	871.35
1991	70	31302.8	7197
1990	67	32596.8	6694.5
1989	66	32506.8	6993.7
1988	64	31537.8	5989.25
1987	65	32021.8	4081.7
1986	71	34581.1	3060.8
1985	67	32217.8	3631.2
1984	70	33132.7	3448
1983	62	30963.8	4313.13
1982	60	30456	3392.5
1981	70	34049	4674
1980	52	29670	4523
1979	53	29670	2793
MIN	52	29670.00	330.00
MAX	159	59580.20	11665.06
AVE	79.61	35769.31	5145.02

Table 2. Irrigation from the Missouri: Elk Point aquifer in Clay and Yankton Counties (Water Rights, 1979-2011)

Lewis and Clark Rural Water System currently reserves 13,000 ac-ft/yr for future use and has permits appropriating 32,165 ac-ft/yr (Water Rights, 2013b). This accounts for a significant portion of the annual water usage in Clay County, and most of the water from these wells will be induced from the Missouri River. More recharge can be induced with more pumping in particular from the Missouri River because it is hydraulically connected to the aquifer. In 2011, the reported pumping for irrigation was 4,818 ac-ft/yr in Clay and Yankton Counties (Water Rights, 1979-2011).

There are a number of new permits and pending applications from the Missouri: Elk Point aquifer. Once they are developed, the average pumping for irrigation purposes is expected to increase significantly. Since January 1, 2012, there have been 45 permits issued from the Missouri: Elk Point aquifer authorizing irrigation for a total of 5,546.1 acres. The average annual withdrawal is still expected to be significantly less than the average annual recharge. The pending permits for appropriation of water from the Missouri: Elk Point aquifer are shown in Table 3.

Permit No.	Diversion Rate (cfs)	Acres
7447-3	1.78	160
7460-3	3.11	264
7454-3	1.78	171
7527-3	1.11	117.5
7552-3	0.61	49
7553-3	1.55	136
7563-3	2.22	95
7565-3	1.89	160
7566-3	2.22	160
7554-3	1.89	136
7576-3	3.33	400
7577-3	2.0	70
7578-3	2.0	80
7579-3	2.0	152
7580-3	2.0	60
7593-3	1.5	105
7621-3	1.89	160
7622-3	1.89	142
7608-3	N/A	105
7606-3	N/A	78.8
7627-3	1.78	67
7630-3	3.34	160
7624-3	2.0	120
7625-3	1.67	120
TOTAL	43.56	3268.3

Table 3. List of pending permits and their appropriations from the Missouri: Elk Point aquifer (Water Rights, 2013a).

Recognizing that Lewis and Clark RWS withdraw water from the Missouri: Elk Point aquifer that is induced from the Missouri River and considering the remaining hydrologic budget, there

is reasonable probability that unappropriated water is available for the 520 ac-ft/yr appropriation proposed by 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 SD DENR-Water Rights Program monitors 37 observation wells completed into the Missouri: Elk Point aquifer with two of these observation wells located within four miles of the well sites proposed by this application (Water Rights, 2013b). Hydrographs for these wells are shown in Figures 1 and 2.

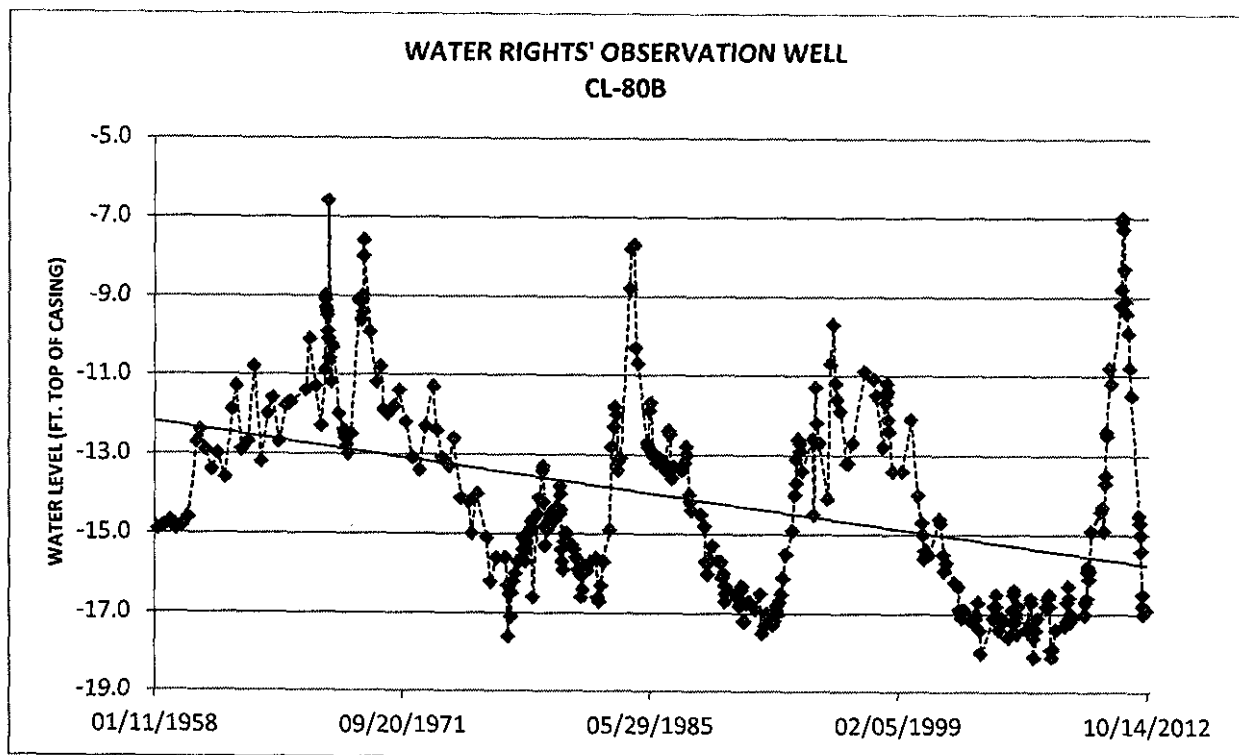


Figure 1. Hydrograph with linear trend line for SD DENR-Water Rights Observation Well CL-80B completed into the Missouri: Elk Point aquifer approximately 1,900 feet southeast of one of the well sites proposed by Application No. 7675-3 (Water Rights, 2013a).

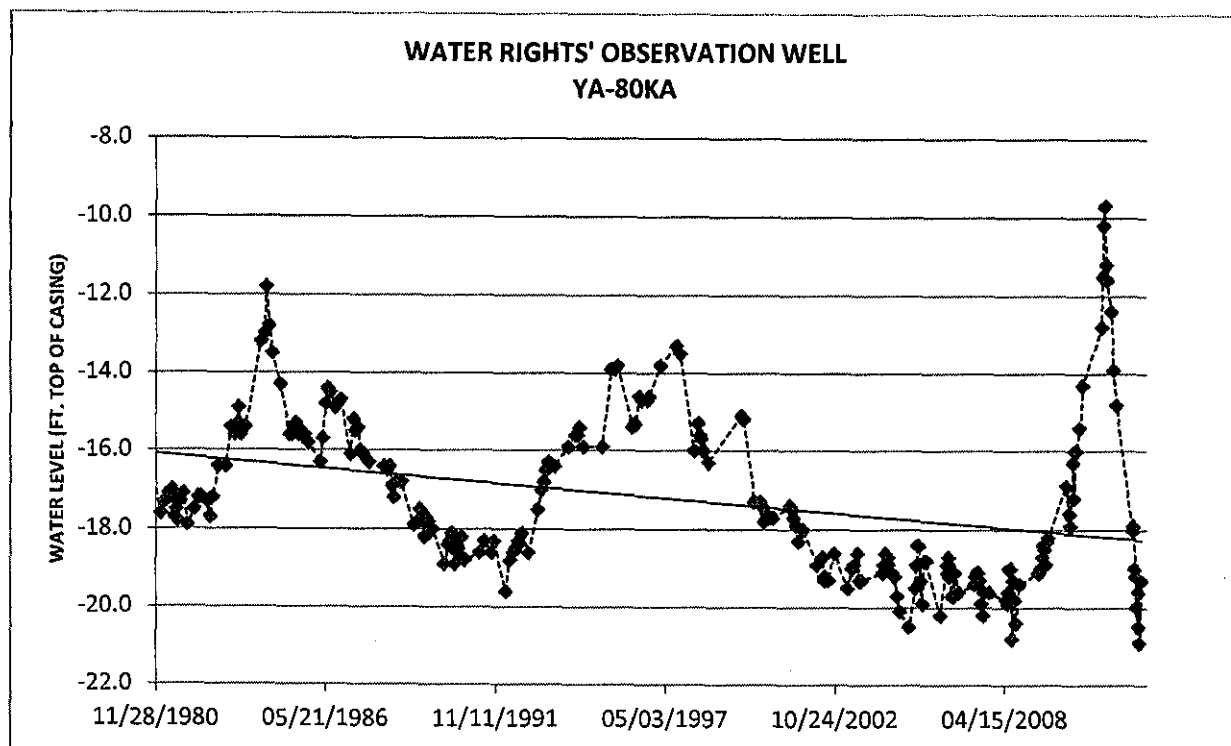


Figure 2. Hydrograph with linear trend line for SD DENR-Water Rights Observation Well YA-80KA completed into the Missouri: Elk Point aquifer less than four miles northwest of one of the well sites proposed by Application No. 7675-3 (Water Rights, 2013a).

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. The observation well data shows that at the current level of development, climatic conditions mask the temporal effects of well withdrawals. The observation well data documents the hydraulic connection between the Missouri: Elk Point aquifer and the Missouri River (e.g. in particular, record high groundwater levels associated with flooding in 2011). Linear trend lines for the hydrographs do show a general gradual decline. This gradual decline may be attributed to either entrenching the Missouri River (Goodman, 2007) or controlling the flow of the Missouri River by the Gavins Point Dam, which no longer allows inundating of the floodplain (Stephens, 1967).

Because of this obvious hydraulic connection between Missouri: Elk Point aquifer and the Missouri River and the availability of water in the Missouri River, there is a reasonable probability that additional recharge to the Missouri: Elk Point will be induced with additional pumping. Recognizing that natural discharge from the aquifer can be captured for pumping. Additional pumping from the Missouri: Elk Point aquifer can also induce recharge from the underlying Dakota aquifer. Therefore, there is reasonable probability that unappropriated water is available from the aquifer to support this appropriation.

EXISTING WATER RIGHTS:

The proposed well sites are located in southwestern Clay County less than two and one half miles from the Clay and Yankton county line and less than two and one half miles north of the Missouri River. There are eight water rights/permits that have diversion points within

approximately one mile of the proposed well sites. The nearest water right/permit is Water Right No. 2158-3, for D.A. Olson & Sons, located more than one half mile southeast and down-gradient from the proposed well site (Water Rights, 2013c). Based on the observation well data and the distance between wells, drawdown is not expected to be significant nor likely to cause adverse impacts to existing water rights or domestic wells.

CONCLUSIONS:

1. This application proposes to appropriate up to 520 acre-feet annually for irrigation from the Missouri: Elk Point aquifer.
2. There is a reasonable probability that unappropriated water is available from the Missouri: Elk Point aquifer to supply this proposed appropriation.
3. The Missouri: Elk Point aquifer is technically confined but behaves as though unconfined in this area, and drawdown from pumping is not expected to be significant very far from a production well.
4. There is a reasonable probability that the well proposed by this application will not adversely impact existing water rights or domestic wells.



Nicole Van Dyk
SD DENR-Water Rights Program

Approved by



Ken Buhler
SD DENR-Water Rights Program

REFERENCES:

- Goodman, J.A. 2007. Report on Water Permit Application No. 6869-3 for Lewis and Clark RWS: SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, SD.
- 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
- Stephens, J.C., 1967, Geology and Hydrology of Clay County, South Dakota, Part II: Water Resources, SD DENR- Geological Survey Bulletin 19, 62 p.
- Water Rights, 1979-2011, 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.

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APR - 1 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 22 DAY OF MARCH 2013
THAT THE FULL AMOUNT OF THE FEE CHARGED FOR THE PUBLICATION
OF SAID NOTICE TO WIT \$27.98 ENSURES TO THE
BENEFITS OF THE PUBLISHER OF SAID NEWSPAPER AND THAT NO
AGREEMENT AND UNDERSTANDING FOR THE DIVISION THEREOF HAS
BEEN MADE WITH ANY OTHER PERSON, AND THAT NO PART THEREOF
HAS BEEN AGREED TO BE PAID TO ANY PERSON WHOMSOEVER.

PUBLISHED ON: 3/22/13

FILED ON: 3/22/13

SUBSCRIBED AND SWORN TO BEFORE ME THIS

26th DAY OF

March

2013

NOTARY PUBLIC, SOUTH DAKOTA

MY COMMISSION EXPIRES

8/19/2015

NOTICE OF APPLICATION
NO. 7675-3 to Appropriate
Water

Notice is given that Scott Jepsen & Jeanne Jepsen, 31675 455th Ave, Meckling SD 57069 have filed an application for a water permit to appropriate 3.56 cubic feet of water per second from two wells to be completed into the Missouri Elk Point Aquifer (115 feet deep) located in the NE 1/4 NW 1/4 and the approximate center of the SE 1/4 Section 9 for irrigation of 260 acres located in the E 1/2 NW 1/4, E 1/2 SW 1/4, SW 1/4 NE 1/4, SE 1/4 Section 9; all in T92N-R53W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7675-3 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 1, 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 \$27.98.

Published: March 22, 2013

RECEIVED

MAR 25 2013

WATER RIGHTS
PROGRAM

AFFIDAVIT OF PUBLICATION

YANKTON DAILY PRESS AND DAKOTAN

3+22

NOTICE OF APPLICATION
NO. 7675-3 to Appropriate Water

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Published once at the total approximate cost of \$26.48.

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. 7675-3**

TAKEN FROM THE PAPER, IN WHICH IT WAS LAST PUBLISHED IN THE NEWSPAPER ON THE 22nd DAY OF March 2013 THAT THE FULL AMOUNT OF THE FEE CHARGED FOR THE PUBLICATION OF SAID **NOTICE** TO WIT \$26.48 ENSURES TO THE BENEFITS OF THE PUBLISHER OF SAID NEWSPAPER AND THAT NO AGREEMENT AND UNDERSTANDING FOR THE DIVISION THEREOF HAS BEEN MADE WITH ANY OTHER PERSON, AND THAT NO PART THEREOF HAS BEEN AGREED TO BE PAID TO ANY PERSON WHOMSOEVER.

PUBLISHED ON: 3/22/2013

FILED ON: 3/22/2013

SUBSCRIBED AND SWORN TO BEFORE ME THIS 22nd DAY OF March

2013

NOTARY PUBLIC, SOUTH DAKOTA

MY COMMISSION EXPIRES

8/19/2015



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

denr.sd.gov

March 14, 2013

Plain Talk
201 W Cherry St
Vermillion SD 57069

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 7675-3 to Appropriate Water. Please publish the notice once on March 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 Scott Jepsen & Jeanne Jepsen, 31675 455th Ave, Meckling SD 57069 (Ph # 605-638-0602).

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

March 14, 2013

Press & Dakotan
319 Walnut
Yankton SD 57078

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Sincerely,

Eric Gronlund

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.

March 14, 2013

Scott Jepsen & Jeanne Jepsen
31675 455th Ave
Meckling SD 57069

Dear Sir:

Water Permit Application No. 7675-3 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 Press & Dakotan printed at Yankton SD (Ph # 605-665-7811) and the Plain Talk printed at Vermillion SD (Ph # 605-624-2695). 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 March 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. 7675-3 to Appropriate Water

Notice is given that Scott Jepsen & Jeanne Jepsen, 31675 455th Ave, Meckling SD 57069 have filed an application for a water permit to appropriate 3.56 cubic feet of water per second from two wells to be completed into the Missouri:Elk Point Aquifer (115 feet deep) located in the NE 1/4 NW 1/4 and the approximate center of the SE 1/4 Section 9 for irrigation of 260 acres located in the E 1/2 NW 1/4, E 1/2 SW 1/4, SW 1/4 NE 1/4, SE 1/4 Section 9; all in T92N-R53W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7675-3 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_____.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

denr.sd.gov

MAY 20 2013

Scott & Jeanne Jepsen
31675 455th Ave
Meckling SD 57069

Dear Sir:

Enclosed is Water Permit No. 7675-3 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.

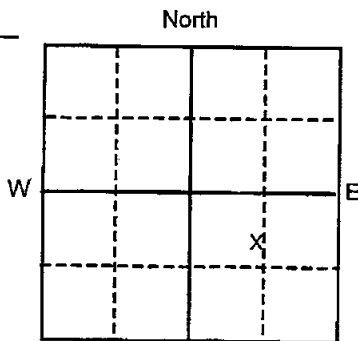
An informational sheet *Common Water Right Questions?* is also enclosed. This sheet is intended to answer some of the questions associated with obtaining and keeping a water right.

Sincerely,

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

enclosures

SOUTH DAKOTA WATER WELL COMPLETION REPORT

Location NE 1/4 SE 1/4 Sec 9 Twp 92N Rg 53WCounty ClayPlease mark well
location with an "X"

Well Completion Date

February 15, 2014

1 Mile

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
1,000.0 ft. from Septic Tank (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

Bucket Method

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	24.00 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	20	9.5 Lb/gal	0.0 Ft	80.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure
Tremie Method

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 16.00 Inches Length 30.0 FeetMaterial PVCSlot Size .050 Set From 80.0 Feet to 110.0 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 analysisWell Owner: Scott & Jeanne Jepsen

Business Name:

Address: 31675 455th AveCity, State, Zip: Meckling SD 57069

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Top Soil	0	2
Silty Clay	2	14
Gray Silty Clay	14	20
Gray Silty Sand	20	28
Sand, Pebbly, Dirty	28	61
Silty Sand	61	80
Fine Gravel - Sandy	80	110

STATIC WATER LEVEL 15.1 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

30.0 Ft. After 1.0 Hrs. pumped 920.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: 750.0 GPM

REMARKS

RECEIVED

MAR 13 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:

Richard A. Hammond

Signature of Well Owner or Equitable Property Holder:

Date: 2/7/2014

3-18-14



HEARTLAND CROP INSURANCE, INC.

HELPING TO MANAGE RISK FOR THE AMERICAN FARMER, HIS FAMILY, AND HIS FUTURE.



a member of the Everest Re Group

Leanne:

Sorry I'm late Having
to much fun with livestock.

I would like to talk to
someone in your Dept. about
what I need to do about
possibility watering my neighbors

34 acres on one of our pivots.

My phone is 605-638-0602

Thanks

Scott Jenson

RECEIVED

DEC 29 2016

WATER RIGHTS
PROGRAM

P.O. Box 330
TOPEKA, KS 66601

TOLL FREE: 1-888-789-5566
FAX: 1-785-235-5577
www.heartlandcropinsurance.com

7675-3

Water Rights Program - DENR
Conversation File Documentation

NAME OF PERSON OR FILE: Water Permit No. 7675-3, Scott Jepsen

ADDRESS: COUNTY: Clay

DATE: December 29, 2016 TELEPHONE 605 638-0602

RE: potential for irrigating more acreage

I contacted Mr. Jepsen in response to the note that accompanied his 2016 Irrigation Questionnaire regarding possibly wanting to irrigate the neighbor's 34 acres from one of his pivots. Mr. Jepsen said that currently one of the pivots does a $\frac{3}{4}$ rotation. He is considering working with the renter of the property so that the pivot makes full rotation.

I indicated that an application for a new permit will need to be filed to authorize irrigation of more acres. I said the landowner should be the applicant. Currently, Brook Bye farms the property in question and Mr. Jepsen planned to approach him on whether they could work out an agreement. At this time, he is going to determine whether there's an interest prior to proceeding with an application.

NAME: Eric Hambrecht



7675-3
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 26, 2018

NOTICE

TO: SCOTT AND JEANNE JEPSEN, 31675 455TH AVE, MECKLING, SD 57069
FROM: Ron Duvall, Natural Resources Engineer
for Jeanne Goodman, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2017 Irrigation Questionnaire(s)

Our records indicate your 2017 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 7675-3. The request for the Questionnaire was dated October 20, 2017. The Water Management Board has directed that owners of water permits who have not submitted the 2017 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) 7675-3 qualification:

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

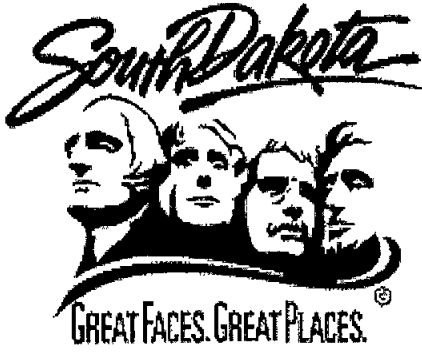
The hearing will be held at **Wednesday, March 7, 2018 at 10:00 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant 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) 7675-3 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 7, 2018** 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.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 7, 2018

7675-3

Scott & Jeanne Jepsen
31675 455th Ave
Meckling SD 57069

Dear Mr. & Mrs. Jepsen:

I am writing to acknowledge receipt of your 2017 irrigation questionnaire.

You may disregard the January 26, 2018, "Notice" concerning reporting requirements for Water Permit No. 7675-3. 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,

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

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

NOTICE OF COMPLETION OF WORKS AND APPLICATION OF WATER TO BENEFICIAL USE

MAIL TO: PMB 2020

Date 4-12-2016

DENR - Water Rights Program

523 E Capitol Ave

Pierre, SD 57501-3182

ph. (605) 773-3352

FROM:

Scott Jepsen

(name)

31675 455th Ave

(address)

Meckling

(city)

SD

(state)

57069

(zip)

605-624-3400

(phone)

I have completed the construction of the water use system and I have put the water to beneficial use to the maximum extent it is going to be used.

Water Permit No. 7675-3 states that the water use system is to be constructed by

4-1-2018

(date)

, and water is to be put to beneficial use by 4-1-2022well 2 June 2014

(date)

The water use system was completed on

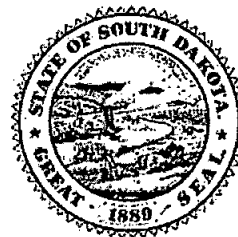
well 1 Aug 2013

(date)

Applying the water to beneficial use was completed on

well 1 Aug 2013well 2 (date) June 2014

You may schedule an investigation so that the water license may be issued.





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

denr.sd.gov

May 8, 2018

8330-3

7675-3

Scott and Jeanne Jepsen
31675 455th Ave
Meckling SD 57069

Dear Mr. & Mrs. Jepsen:

Enclosed are Water Permit and License No. 8330-3. These are the final water right documents completing your process of obtaining a Water Right. Also, included with your license is a map prepared by the staff engineer who conducted the investigation.

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

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

Sincerely,

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

Note: The applicable portions of No. 7675-3 are incorporated into Water License No. 8330-3.

enclosures