

WATER PERMIT NO. 7214-3

Name of Applicant: Marquardt Farms

Address: PO Box 1078, Yankton SD 57078

Phone: 605 555-1053

Amount of Water Claimed: 2.0 cfs

Total Acres: 350

Source of Water Supply: groundwater (one well)

Water to be used for: irrigation

County: Yankton

Type of Waste Disposal System: NA

Location: 5 miles northwest of Yankton

PRIORITY

Date Received: 9-30-10

Application/License Fee: \$1,350.00

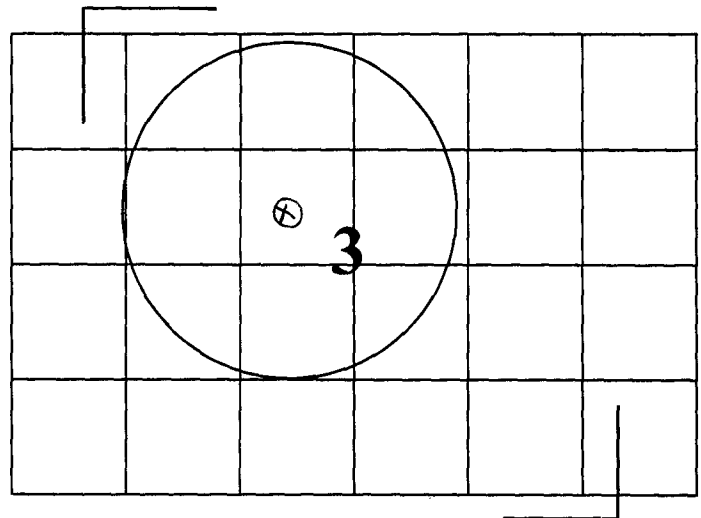
Corrected Application Received:

Period of Annual Use: April 1 – October 31

Remarks:

Diversion Point: SE ¼ NW ¼ Sec 3-T94N-R56W

Land to be Irrigated: NW ¼, W ½ NE ¼, NE ¼ SE
¼, N ½ SW ¼ Sec 3-T94N-R56W



Depth of Well: 175 feet

Well Driller:

Remarks:

Type of Map: aerial

Prepared by: Richard Schwartz, YA Co FAS

Reviewed and the Number Assigned on: 9-30-10

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>7214-3</u> (office use only)	Hydrologic Unit <u>10/60010</u>
	Basin <u>James River</u>	
	Newspaper <u>Daily Press & Dakotan PO Box 56</u>	
	<u>605-665-7811</u> <u>Yankton 57078</u>	

RECEIVED

SEP 30 2010

WATER RIGHTS
PROGRAM

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 of Applicant MARGUARDT FARMS Phone 605-665-1053(check one) ☒ Owner ☐ Tenant/lesseeMailing Address PO BOX 1098 YANKTON SD 57078
(Address) (City) (State) (Zip Code)2. Amount of water claimed 2.0*CFS or 900**GPM ***AF Total Acreage 350
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)3. Source of water supply WELL4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County YANKTON
ONE WELL IN SE 1/4 OF NW 1/4 OF SEC 3 94N 56W5. County or counties where water will be used YANKTON6. Annual period during which water is to be used APRIL 1 - OCTOBER 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
<u>NW 1/4 SEC 3 94N 56W</u>	<u>150</u>		
<u>NE 1/4 SEC 3 94N 56W</u>	<u>85</u>		
<u>SE 1/4 SEC 3 94N 56W</u>	<u>30</u>		
<u>SW 1/4 SEC 3 94N 56W</u>	<u>85</u>		

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

WELL FOR IRRIGATION - FULL CIRCLE

STATE OF SOUTH DAKOTA)

County of Yankton) SS

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Also, attach map and any other technical information. (see instructions)

I, Ralph Marguardt, the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.Applicant's signature Ralph MarguardtSubscribed and sworn to before me this 29th day of September 20 10Notary Public signature Aileen Bevan

**SOUTH DAKOTA
WATER PERMIT NO. 7214-3**

Date of first receipt of application September 30, 2010.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7214-3 to Marquardt Farms, PO Box 1098, Yankton SD 57078 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. 7214-3 appropriates 2.0 cubic feet of water per second from one well to be completed into the Lower James:Missouri Aquifer (approximately 175 feet deep) located in the SE 1/4 NW 1/4 Section 3 to irrigate 350 acres located in the NW 1/4, W 1/2 NE 1/4, NE 1/4 SE 1/4, N 1/2 SW 1/4 Section 3; all in T94N-R56W.
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 September 30, 2010.
4. The date of approval of Permit No. 7214-3 is November 22, 2010.
5. One-fifth of the construction is to be completed on or before May 22, 2013.
6. All construction is to be completed on or before November 22, 2015.
7. Water is to be put to beneficial use on or before November 22, 2019.
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 will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The well authorized by Permit No. 7214-3 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: Garland Erbele

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

JAN - 7 2011

date



Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 24" Depth 175'
- b) Casing Type PVC Diameter 16" Thickness 1/2"
- c) Screen Type PVC Diameter 16" Thickness 1/2"
- d) Gravel Pack 1/8" - 3/8" PEARL Length of Gravel Pack 60'
- e) Depth to Top of Water Bearing Material 120'
- f) Depth to Water (ground surface to water level) 80'
- g) Distance to nearest existing domestic well:

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

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

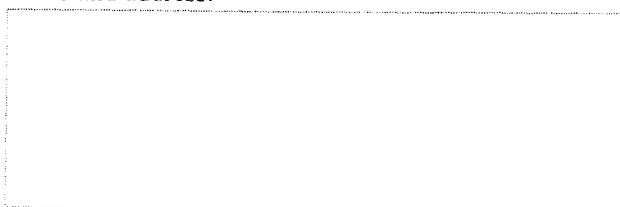
3. Dugout Information

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

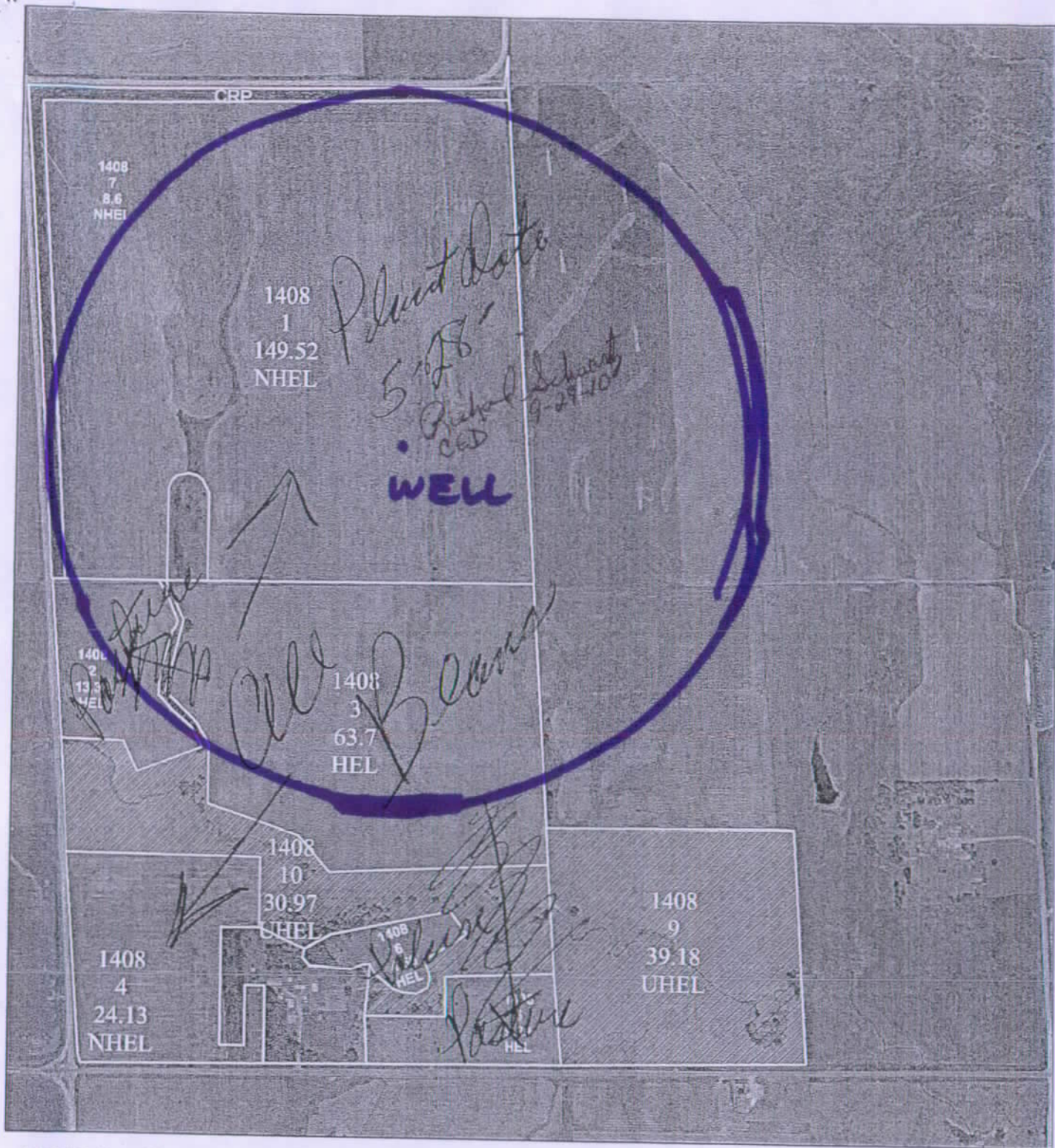
4. Water Storage Dams

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



United States Department of Agriculture
Farm Service Agency

PLSS: 3_94N_56W
Farm: 6188

Yankton County, SD
1:8,728

SEP 30 2010



June 30, 2010

Bresler
2010

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

WATER RIGHTS
PROGRAM

WELL IS LOCATED 2000' E AND 2000' SOUTH OF NORTHWEST
CORNER OF SECTION 3 94N 56W

1069.0 - 1029.0	256.0 - 296.0	CLAY, GRAY, SILTY, PEBBLY; NONCALCAREOUS (TILL)
1029.0 - 990.0	296.0 - 335.0	CLAY, GRAY; NONCALCAREOUS, GREASY LUSTER (CARLILE SHALE)

ROCK AT 265 FEET; ROCK BIT USED 265 TO 305 FEET.

Legal Location: SE SE SE SE SEC. 33, T. 095 N., R. 56 W.
County: YANKTON Location: 095N56W33DDDD
Basin: JAMES Latitude: 42 59' 46"
Hydrologic Unit Code: 10160011 Longitude: 97 27' 27"
Land Owner: Ground Surface Elev. (ft.): 1329 T

Project: YANKTON
COUNTY STUDY
Drill Date: 09/26/1977 Geologist: R. HELGERSON
Company: SDGS Geologist's Log: X
Drilling Method: ROTARY Driller:
Test Hole Number: RY-12 Driller's Log:
Samples: Total Drill Hole Depth (ft.): 320.0

Spontaneous X Single Point Resistivity: X
Potential:
Natural Extra:
Gamma:

<u>Elevation (ft.)</u>	<u>Depth (ft.)</u>	<u>Description</u>
1329.0 - 1328.0	0.0 - 1.0	SOIL, BROWN
1328.0 - 1324.0	1.0 - 5.0	SILT, SANDY (LOESS)
1324.0 - 1291.0	5.0 - 38.0	CLAY, BROWN, SILTY, PEBBLY (TILL)
1291.0 - 1173.0	38.0 - 156.0	CLAY, GRAY, SILTY, PEBBLY (TILL)
1173.0 - 1066.0	156.0 - 263.0	SAND AND GRAVEL
1066.0 - 1037.0	263.0 - 292.0	CLAY, GRAY, SILTY, SANDY (TILL)
1037.0 - 1028.0	292.0 - 301.0	CLAY, BROWN, SANDY, SILTY, PEBBLY; OXIDIZED (TILL)
1028.0 - 1009.0	301.0 - 320.0	SHALE, LIGHT-GRAY (CARLILE

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 9/30, 20 10

RECEIVED OF Ralph Marquardt PO Box 1098 Yankton SD 57078

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

Fee for Application for Permit No. <u>7214-3</u> to Appropriate Water, to construct and to put water to beneficial use	1150	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>7214-3</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	1350 00

No.

04624

By

Robert E. Eide
Chief Engineer



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 7214-3, Marquardt Farms**

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. 7214-3, Marquardt Farms, c/o Ralph Marquardt, PO Box 1098, Yankton SD 57078.

The Chief Engineer is recommending APPROVAL of Application No. 7214-3 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 will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The well authorized by Permit No. 7214-3 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
October 25, 2010

**Report on Water Permit Application No. 7213-3 & 7214-3
for Marquardt Farms, C/O Ralph Marquardt
October 4, 2010**

Application No. 7213-3 proposes to appropriate 1,100 gallons per minute (2.44 cfs) from one well approximately 240 feet deep to be completed into the Lower James Missouri aquifer located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 6 to irrigate 360 acres in the S $\frac{1}{2}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$ Section 6; all in T94N-R55W in Yankton County. The annual period during which water will be used is April 1 through October 31.

Application No. 7214-3 proposes to appropriate 900 gallons per minute (2.0 cfs) from one well approximately 175 feet deep to be completed into the Lower James Missouri aquifer located in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 3 to irrigate 350 acres in the NW $\frac{1}{4}$, W $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$ Section 3; all in T94N-R56W in Yankton County. The annual period during which water will be used is April 1 through October 31.

AQUIFER: Lower James Missouri

This report will address the availability of unappropriated water from the Lower James Missouri aquifer.

WATER AVAILABILITY

Aquifer Characteristics:

The Lower James Missouri is a buried outwash (sand and gravel) that is under water table conditions in this area. The aquifer underlies 238 square miles of Yankton County and extends into Clay County to the east, into Hutchinson County to the north and into Bon Homme County to the west (Bugliosi, 1986). The aquifer is hydraulically connected to the James and Missouri Rivers. Bugliosi divided the Lower James Missouri into the northern and southern areas because of different depositional episodes. These areas roughly coincide with the Lower James Missouri and the Missouri Elk Point as described by Hedges. The Lower James Missouri aquifer underlies 92,500 acres and contains an estimated 2.08 million acre-feet of recoverable water in storage in Yankton County (Hedges, 1982).

Observation Well Data:

The Water Rights Program monitors five observation wells within two miles of these application locations. The hydrographs for three of the nearest of these observation wells are included with this report. YA-80K is approximately one mile south of YA-80W and both are approximately half way between these application locations. The two permit application locations are separated by approximately three miles. YA-80M is located just

over one mile northeast of the location of permit application 7213-3. Water levels for these wells show good response to climatic conditions, that is, rising water levels during wet years (recharge) and gradually declining water levels during dry years due to natural discharge and to pumping. The water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 2010).

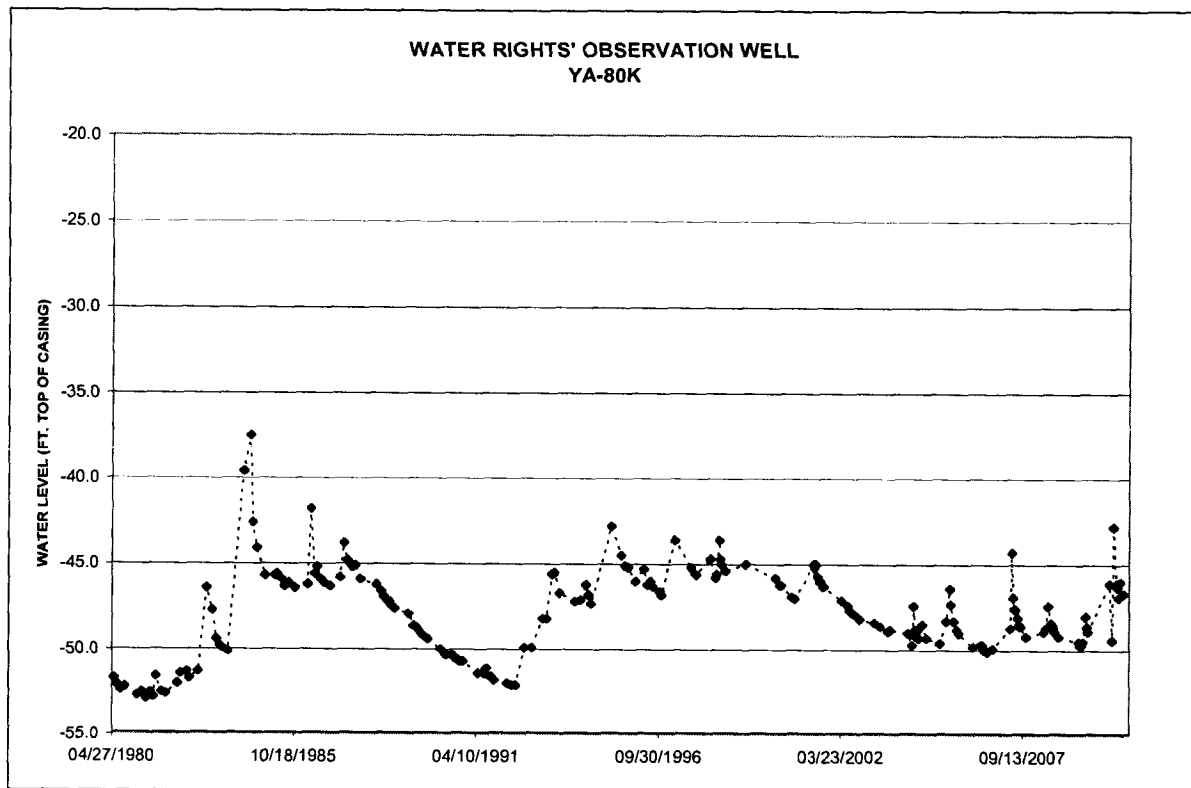


Figure 1. Hydrograph for Water Rights Observation Well YA-80K, completed into the Lower James Missouri Aquifer within two miles of 7213-3 and 7214-3

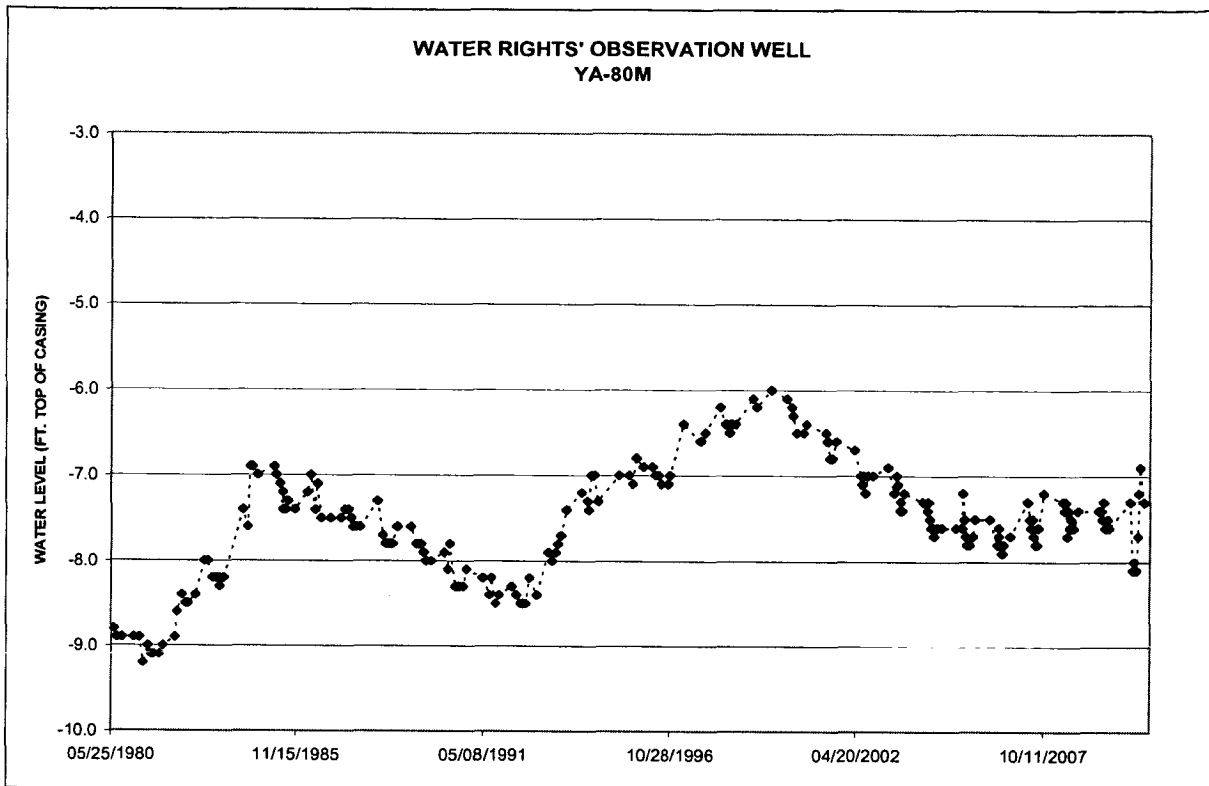


Figure 2. Hydrograph for Water Rights Observation Well YA-80M, completed into the Lower James Missouri Aquifer approximately one mile northeast of 7213-3

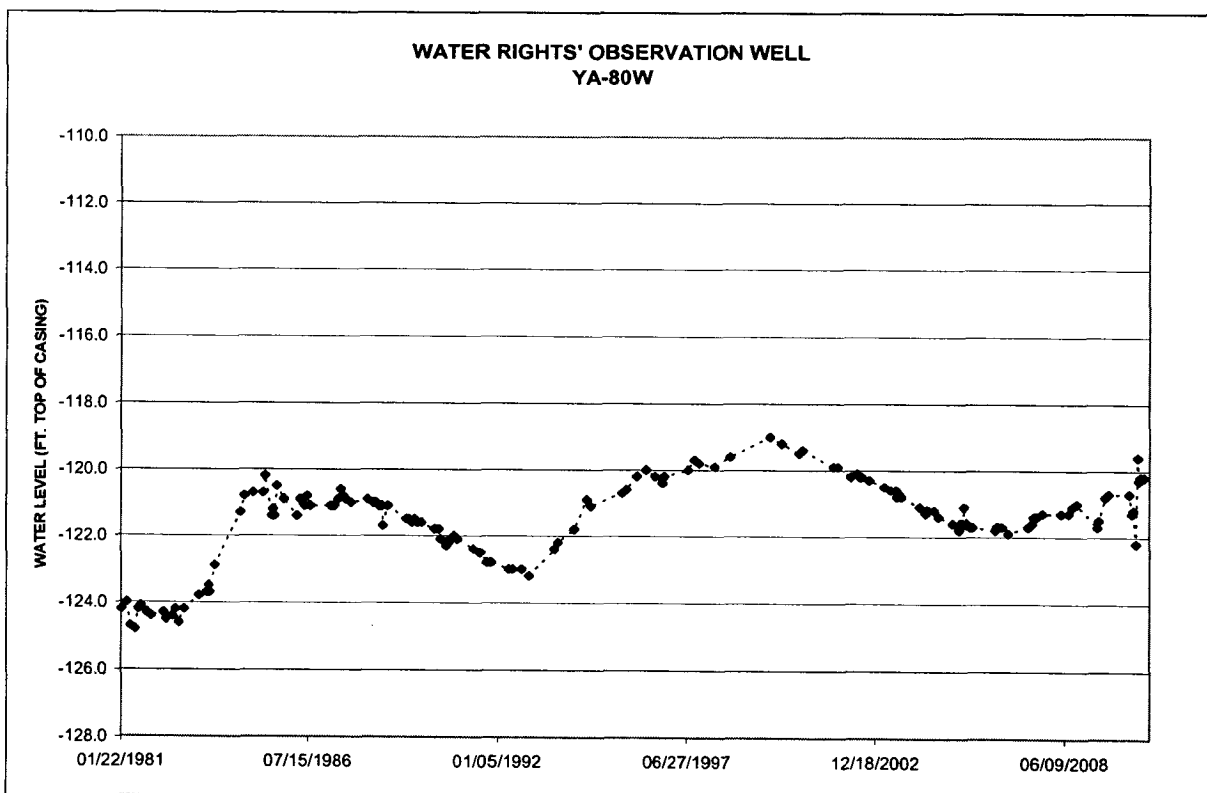


Figure 3. Hydrograph for Water Rights Observation Well YA-80W, completed into the Lower James Missouri Aquifer within two miles of 7213-3 and 7214-3

In general, the hydrographs show that over the period of record, withdrawals have not exceeded recharge.

Review of Existing Water Permits/Rights/Water Use:

In 2007 there were sixty three (63), permits to withdraw water from the Lower James Missouri aquifer. These permits appropriated 20,963 acre-feet of water from the aquifer and reportedly used 3,638 acre-feet of water, totals which are far below the estimated 2.08 million acre-feet in storage (Hedges, 1982).

There is one existing water permit/right located within a mile of 7213-3 and it is for surface water in the James River. There is one existing water permit/right less than a mile to the northwest of 7214-3, which uses the Lower James Missouri as a water source. Interference is not expected to be a problem.

Conclusions:

1. Water is available from the Lower James Missouri aquifer.
2. The aquifer appears to be under water table conditions at this location. Drawdown will result from pumping. Interference could occur but is not expected to be an issue.
3. If the wells covered by these Permits deplete the domestic supplies or interfere with prior water rights, restrictions or other arrangements may be required to protect these water supplies.
4. These wells must be constructed in accordance with SD Well Construction Standards.



Hayes Haas
Natural Resources Engineer

Bibliography:

Bugliosi, E.F., 1986, Water Resources of Yankton County, South Dakota, WRI 84-4241, USGS, Huron, SD 57350

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

Water Rights, 2008, Irrigation Records for the Missouri Elk Point Aquifer, SD DENR, Division of Water Rights, Pierre, SD, 57501

RECEIVED

NOV 15 2010

WATER RIGHTS
PROGRAM

AFFIDAVIT OF PUBLICATION

YANKTON DAILY PRESS AND DAKOTAN

Department of Environment and Natural Resources
PMB 2020
Joe Foss Building
523 East Capitol
Pierre, SD 57501-3182

STATE OF SOUTH DAKOTA
COUNTY OF YANKTON

KELLY HERTZ BEING FIRST DULY SWORN ON OATH DEPOSES
AND SAYS THAT HE IS THE MANAGING EDITOR OF THE YANKTON
PRINTING COMPANY, A CORPORATION, THE PRINTER AND THE
PUBLISHER OF THE YANKTON DAILY PRESS AND DAKOTAN, A LEGAL
DAILY NEWSPAPER PRINTED AND PUBLISHED 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 Nos 7213-3 & 7214-3

TAKEN FROM THE PAPER, IN WHICH IT WAS LAST PUBLISHED IN THE
NEWSPAPER ON THE 10th DAY OF November 2010
THAT THE FULL AMOUNT OF THE FEE CHARGED FOR THE PUBLICATION
OF SAID NOTICE TO WIT \$54.22 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: 11/3/2010 & 11/10/2010

FILED ON: 11/10/2010

SUBSCRIBED AND SWORN TO BEFORE ME THIS 10th DAY OF November 2010

NOTARY PUBLIC, SOUTH DAKOTA

MY COMMISSION EXPIRES

8/19/2015

and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to these applications. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.
Published twice at the total approximate cost of _____.

NOTICE OF APPLICATION
NOS. 7213-3 and 7214-3
to Appropriate Water

Notice is given that Marquardt Farms, c/o Ralph Marquardt, PO Box 1098, Yankton SD 57078 has filed the following water permit applications.

Application No. 7213-3 proposes to appropriate 2.44 cubic feet of water per second (cfs) from one well to be completed into the Lower James:Missouri Aquifer (approximately 240 feet deep) located in NE 1/4 SW 1/4 Section 6 for irrigation of 360 acres located in the S 1/2, S 1/2 NE 1/4, S 1/2 NW 1/4 Section 6; all in T94N-R55W.

Application No. 7214-3 proposes to appropriate 2.0 cfs from one well to be completed into the Lower James:Missouri Aquifer (approximately 175 feet deep) located in the SE 1/4 NW 1/4 Section 3 to irrigate 350 acres located in the NW 1/4, W 1/2 NE 1/4, NE 1/4 SE 1/4, N 1/2 SW 1/4 Section 3; all in T94N-R56W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 7213-3 & 7214-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by November 22, 2010.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, and the signature



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

October 25, 2010

Daily Press & Dakotan
PO Box 56
Yankton SD 57078

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application Nos. 7213-3 & 7214-3 to Appropriate Water to be published twice. Please publish the first notice on November 3 2010 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Marquardt Farms c/o Ralph Marquardt, PO Box 1098, Yankton SD 57078 (Ph # 605-665-1053).

Please send the Water Rights Program the first publication immediately. The publication is checked for accuracy so any corrections can be made in the second publication. You may use the form below or fax a copy of the first publication. Any fax should be sent to the attention of Karen Schlaak at (605) 773-4068. Publication errors can invalidate the public notice.

After the second publication, **please send us an affidavit or use the enclosed Proof of Publication form.** The applicant pays the cost of publication, but the Water Rights Program records require an affidavit or Proof of Publication. Delays in receiving the affidavit can be costly to the applicant.

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CUT HERE-----

Nos. 7213-3 & 7214-3

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

Date _____

We are in receipt of your letter of October 25, 2010 enclosing Notice to Appropriate Water by Application Nos. 7213-3 & 7214-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

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

October 25 2010

Marquardt Farms
Ralph Marquardt
PO Box 1098
Yankton SD 57078

Dear Mr. Marquardt:

Water Permit Application Nos. 7213-3 & 7214-3 for irrigation use have been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Publisher of the Daily Press & Dakotan printed at Yankton SD (Ph # 605-665-7811). You will need to contact the newspaper and authorize publication of this notice. For your information, a copy of the notice, the recommendations of the Chief Engineer and reports on the 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 to authorize publication of your Notice and to arrange for payment. Early contact with the paper can eliminate delays. Upon receiving authorization, the publisher has been instructed to publish your notice once each week for two consecutive weeks. The newspaper has also been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,

Eric Gronlund
Natural Resources Engineer
(605) 773-3352
eric.gronlund@state.sd.us

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendations, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the applications.

Instruction to Newspaper - Publish first Notice on November 3, 2010 with the second publication 7 days later. 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 NOS. 7213-3 and 7214-3 to Appropriate Water

Notice is given that Marquardt Farms, c/o Ralph Marquardt, PO Box 1098, Yankton SD 57078 has filed the following water permit applications.

Application No. 7213-3 proposes to appropriate 2.44 cubic feet of water per second (cfs) from one well to be completed into the Lower James:Missouri Aquifer (approximately 240 feet deep) located in NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 6 for irrigation of 360 acres located in the S $\frac{1}{2}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$ Section 6; all in T94N-R55W.

Application No. 7214-3 proposes to appropriate 2.0 cfs from one well to be completed into the Lower James:Missouri Aquifer (approximately 175 feet deep) located in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 3 to irrigate 350 acres located in the NW $\frac{1}{4}$, W $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$ Section 3; all in T94N-R56W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 7213-3 & 7214-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on these applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the Chief Engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider these applications. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendations. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by November 22, 2010.

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

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

Published twice 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
www.state.sd.us/denr

JAN - 7 2011

Marquardt Farms
PO Box 1098
Yankton SD 57078

Dear Mr. Marquardt:

Enclosed are Water Permit Nos. 7213-3 and 7214-3 authorizing construction of your water diversion systems and beneficial use of the water, not exceeding the limits as specified in the Water Permits.

Form 10's, *Notice of Completion of Works and Application of Water to Beneficial Use*, are enclosed. Please return the completed forms after you have finished the systems and have put the water to beneficial use. An investigation can then be scheduled so the water licenses may be issued, thus completing the acquisition of a water right.

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

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

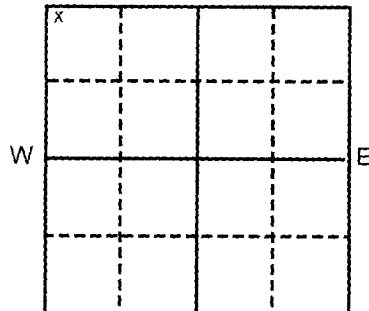
enclosures

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location nw 1/4 nw 1/4 Sec 3 Twp 94n Rg 56wCounty Yankton

North

Please mark well
location with an "X"

Well Completion Date

November 12, 2011

1 Mile

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
5,000.0 ft. from septic tank (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

direct rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	16.00 IN	0.0 FT	180.0 FT	22.00 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
bentonite	41	Lb/gal	0.0 Ft	170.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure
tremie

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 16.00 Inches Length 60.0 FeetMaterial PVCSlot Size .080 Set From 180.0 Feet to 240.0 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 pellets
☐ No, Why Not?
Lab to which water
quality sample sent for analysisWell Owner: Ralph Marquardt7214-3

Business Name:

Address: 1317 golf view laneCity, State, Zip: Yankton SD 57078

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Clay, brown, pebbly	0	35
clay, gray, pebbly	35	121
gravel, v coarse	121	180
Sand, coarse, pebbly	180	240

STATIC WATER LEVEL 142.0 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe: submersible pump
☐ Bailed

☐ Other

Pumping Level Below Land Surface

157.0 Ft. After 4.0 Hrs. pumped 1,050.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: 1,200.0 GPM

REMARKS

RECEIVED

FEB - 1 2012

WATER RIGHTS
PROGRAMThis well was drilled under license # 666 and this
report is true and accurate.Drilling firm: Hammond Wetmore Drilling, LLC

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: 12/30/2011



7214-3
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 25, 2019

NOTICE

TO: MARQUARDT FAMILY LTD PARTNERSHIP, PO BOX 1040, YANKTON, SD 57078
FROM: Ron Duvall, Natural Resources Engineer
for Jeanne Goodman, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2018 Irrigation Questionnaire(s)

Our records indicate your 2018 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 5391A-3, 5658A-3, 6978-3, 6979-3, 6980-3, 7152-3, 7213-3, 7214-3 & 7800-3, 7801-3, 7802-3 & 7803-3. The request for the Questionnaire was dated October 30, 2018. The Water Management Board has directed that owners of water permits who have not submitted the 2018 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) 5391A-3, 5658A-3, 6978-3, 6979-3, 6980-3, 7152-3, 7213-3, 7214-3 & 7800-3, 7801-3, 7802-3 & 7803-3 qualification:

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

The hearing will be held at **Wednesday, March 6, 2019 at 10:30 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) 5391A-3, 5658A-3, 6978-3, 6979-3, 6980-3, 7152-3, 7213-3, 7214-3 & 7800-3, 7801-3, 7802-3 & 7803-3 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 6, 2019** 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.

7214-3



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

February 6, 2019

Marquardt Family Ltd Partnership
PO Box 1040
Yankton SD 57078

RE: Water Permit/Right Nos. 5391A-3, 5658A-3, 6978-3, 6979-3, 6980-3, 7152-3, 7213-3,
7214-3 & 7800-3, 7801-3, 7802-3 & 7803-3

Dear Sir:

I am writing to acknowledge receipt of your 2018 irrigation questionnaires.

You may disregard the January 25, 2019, "Notice" concerning reporting requirements for Water Permit or Right Nos. 5391A-3, 5658A-3, 6978-3, 6979-3, 6980-3, 7152-3, 7213-3, 7214-3 & 7800-3, 7801-3, 7802-3 & 7803-3. 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 cursive script that reads "Genny McMath".

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

Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 7214-3

I have this day, March 17, 2022, made a thorough examination of the water use system constructed by Marquardt Farms, PO Box 1040, Yankton, SD 57078, holder of Permit No. 7214-3, bearing the priority of September 30, 2010 authorizing the diversion of 2.0 cu. ft. per second of the waters of groundwater (Lower James Missouri Aquifer) for the irrigation of 350 acres located in Yankton County.

Inspection contacts: Dave Husby, Breyton Nelson and Ryan Guthmiller

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Hammond Wetmore Drilling
- 2) No. of Wells: 1
- 3) Depth(s): 240 feet
- 4) Well log is available: Yes

Casing:

- 1) Diameter: 16 inches
- 2) Length: 180 feet
- 3) Type: Plastic

Screen:

- 1) Diameter: 16 inches
- 2) Length: 60 feet
- 3) Type: PVC
- 4) Static water level: 142 feet

Pump:

- 1) Make: Hydroflo
- 2) Model: 12LCZ4
- 3) Capacity: 1,200 gpm

Motor:

- 1) Make: US Motors
- 2) Model No.: BF68
- 3) Horsepower rating: 100 hp

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

- 1) Type: PVC
- 2) Size: 10 inches
- 3) Length: 2,720 feet

C. Works used to apply water to beneficial use:

Center Pivot:

- 1) Make: Valley
- 2) Overall length: 1,938 feet
- 3) Number of towers: 12
- 4) End gun: Yes
- 5) Capacity: 1,200 gpm

Chemigation Equipment:

- 1) Does chemigate: Not currently

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by: No
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period: Yes
- 3) Exceptions to compliance are: The well is in the NWNW instead of the SENW and puts out 2.67 cfs.

E. Condition and Location:

1. The system is in good condition with the point(s) of diversion located as follows:
The well is 160 feet east and 120 feet south of the northwest corner of Section 3-T94N-R56W (Latitude 42.99564, Longitude -97.45725 – NW1/4 of the NW1/4).
2. The works are capable of diverting and conveying to the place of use 2.67 cu. ft. per second of water which is to be used for irrigation purposes. Water has been put to beneficial use to the maximum extent as follows:

All in Section 3-T94N-R56W

<u>NW1/4NW1/4</u>	<u>22 acres</u>	<u>NW1/4SW1/4</u>	<u>23 acres</u>
<u>NE1/4NW1/4</u>	<u>40 acres</u>	<u>NE1/4SW1/4</u>	<u>39 acres</u>
<u>SW1/4NW1/4</u>	<u>38 acres</u>	<u>NW1/4NE1/4</u>	<u>29 acres</u>
<u>SE1/4NW1/4</u>	<u>40 acres</u>	<u>SW1/4NE1/4</u>	<u>40 acres</u>
<u>NW1/4SE1/4</u>		<u>22 acres</u>	

comprising a total of 293 acres of land and the license should be issued for 2.0 cfs.

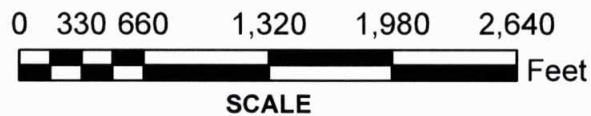
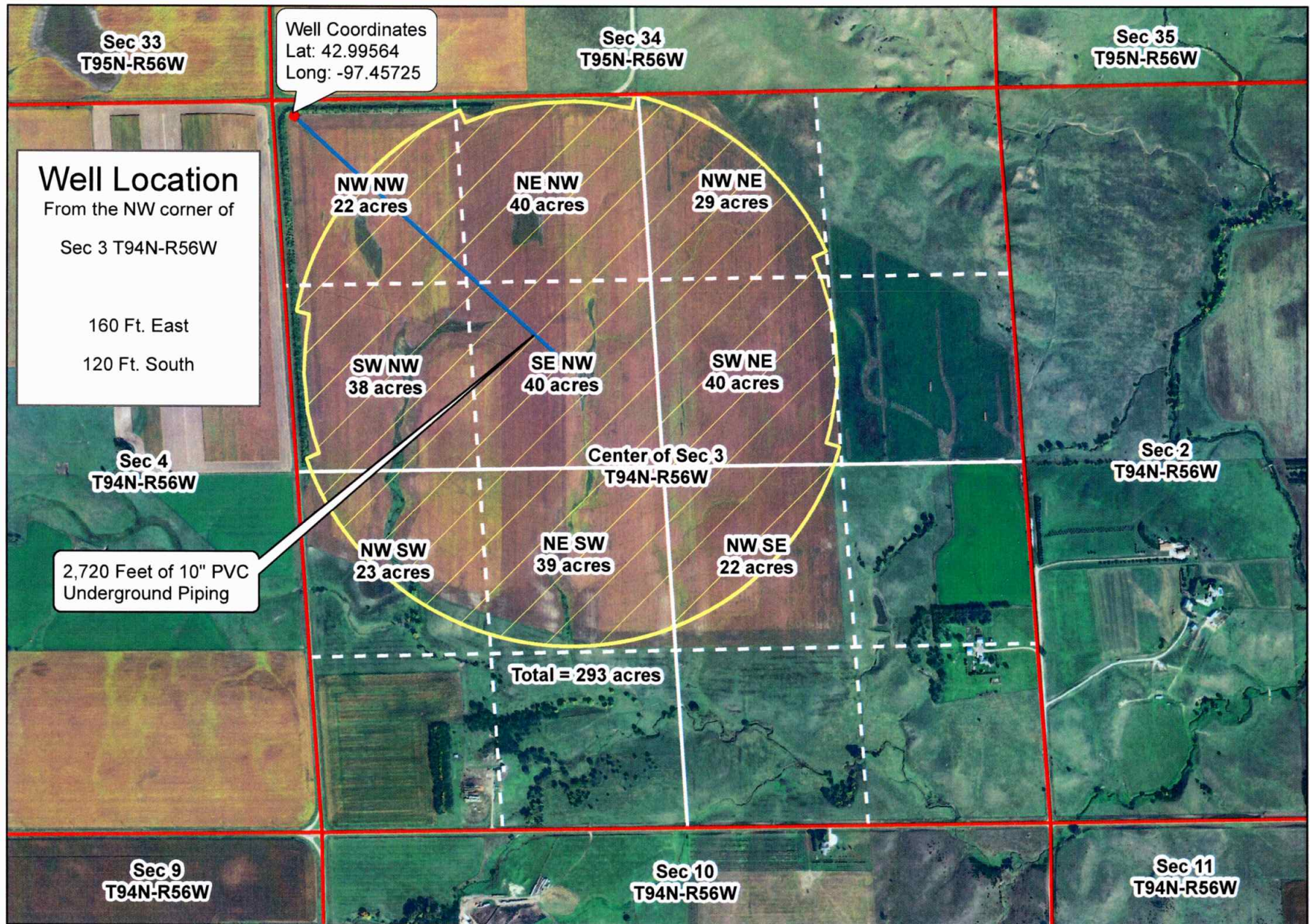
3. All structures, wells and lands on map: Yes

F. Comments or other permit(s) associated with the project: The well is in the NW1/4 of the NW1/4 instead of the SE1/4 of the NW1/4 and it puts out 2.67 cfs instead of 2.0. There are chemical tanks at the site but no pumping equipment or discharge hose. The current renter does not chemigate.


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

Date report completed: March 21, 2022

Water Right No. 7214-3



Keith DeJong
Keith DeJong, PE Ret.
Staff Engineer
March 21, 2022

Licensing of Acreage Outside of Permitted Area

NAME: Marquardt Farms

ADDRESS: PO Box 1040, Yankton SD 57078

DATE: April 25, 2022

COUNTY: Yankton

AUTHORITY

Pursuant to SDCL 46-5-30.5, acreage developed for irrigation outside of the area described on the permit may be licensed provided the following conditions are met:

NO INCREASE IN PERMITTED ACREAGE OR WATER APPROPRIATED:

The acreage developed for irrigation is 293 acres as compared to 350 acres authorized by the permit.

UNPERMITTED ACREAGE:

- **Contiguous to Permitted Acreage**

The developed acres are in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 3 T94N-R56W which are immediately adjacent to the authorized acres

- **Owned by Same Property Owner**

Marquardt Family is listed as owner of all the property involved.

- **Developed Prior to Expiration of Construction Period**

Yes, the acres were developed prior to November 22, 2015.

RECOMMENDED ACTION

Based on the above criteria, it is recommended that the 22 acre area in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 3 T94N-R56W be included in the water license.



Mark D Rath, Natural Resources Engineer
Water Rights Program

The Chief Engineer makes a finding pursuant to SDCL 46-5-30.5 that:

This acreage change does not impair existing water rights and the overall project, as developed, is consistent with the original application. Licensing of the unpermitted acreage may occur without application or publication pursuant to SDCL 46-2A-4.



Eric Gronlund, Chief Engineer
Water Rights Program

Approval of Location Change and/or Additional Diversion Point(s)

NAME: Marquardt Farms

ADDRESS: PO Box 1040, Yankton SD 57078

DATE: April 21, 2022

COUNTY: Yankton

GENERAL DESCRIPTION OF AUTHORIZED PROJECT:

The permit holder is authorized to construct a 175 foot deep well into the Lower James: Missouri Aquifer in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 3 for irrigation of 350 acres in the NW $\frac{1}{4}$, W $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$ of Section 3; all in T94N-R56W.

AUTHORITY:

Pursuant to SDCL 46-5-13.1, the location of a diversion point may be changed or additional diversion points may be licensed provided the following conditions are met and the potential for interference with other existing diversions is not increased:

- **Developed water source same as permitted source and no additional water appropriated**

The permit holder constructed a 240 foot well into the Lower James: Missouri Aquifer in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 3 T94N-R56W.

- **If irrigation, no new land is irrigated**

The permit holder developed 293 acres.

- **Review of Existing Diversions**

There is one existing water permit/right within a mile of where the this well was developed. This was an existing permit/right when this permit was issued, it was determined that there was reasonable probability any well interference due to pumping of this well would not adversely or unlawfully impair existing rights. The same would be expected for the well constructed in the new location.

RECOMMENDED ACTION

Based on the above criteria, it is recommended that the diversion point(s) be licensed as developed.



Mark D. Rath, Natural Resources Engineer
Water Rights Program

The Chief Engineer makes a finding pursuant SDCL 46-5-13.1 and ARSD 74:02:01:14.01 that:

This change in location and/or additional diversion point(s) does not increase the potential for adverse effects to existing diversions.



Eric Gronlund, Chief Engineer
Water Rights Program



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

APR 25 2022

7214-3

Ralph Marquardt
Marquardt Farms
PO Box 1040
Yankton SD 57078

Dear Mr. Marquardt:

Enclosed is Water License No. 7214-3. 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.

As 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

enclosures

NOTE: The investigation found your irrigation system capable of diverting 2.67 cubic feet of water per second (cfs) which is equivalent to approximately 1,200 gallons per minute (gpm). A water license cannot exceed what the original application requested or the permit authorized. Diversion of water under this water license is limited to 2.00 cfs or 900 gpm.

**STATE OF SOUTH DAKOTA
WATER LICENSE NO. 7214-3**

(1) Marquardt Farms, PO Box 1040, Yankton SD 57078 made Application No. 7214-3, September 30, 2010 for a water permit to divert 2.00 cubic feet of water per second from ground water, (one well) Lower James Missouri Aquifer, located in Yankton County, South Dakota for irrigation purposes. Permit No. 7214-3, with a priority date of September 30, 2010, was approved November 22, 2010, and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before November 22, 2015, and for the application to beneficial use of water on or before November 22, 2019.

The investigation found the location of the well and a portion of the acreage were outside of the permitted area. Pursuant to SDCL 46-5-13.1, SDCL 46-5-30.5 and ARSD 74:02:01:14.01, the Chief Engineer made a finding that the change in the diversion point location did not increase the potential for adverse effects to existing diversions and the change in acreage was consistent with the original application.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 2.00 cubic feet of water per second for beneficial use. The location of the diversion point is:

- 160'E and 120'S of the NW corner of Section 3, T94N, R56W (NW $\frac{1}{4}$ NW $\frac{1}{4}$)
Latitude 42.99564, Longitude -97.45725

(3) The permit holder has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate a total of **293 acres located in Section 3, T94N, R56W**, as follows:

NW $\frac{1}{4}$ NW $\frac{1}{4}$	22 acres	NW $\frac{1}{4}$ SW $\frac{1}{4}$	23 acres	NW $\frac{1}{4}$ NE $\frac{1}{4}$	29 acres
NE $\frac{1}{4}$ NW $\frac{1}{4}$	40 acres	NE $\frac{1}{4}$ SW $\frac{1}{4}$	39 acres	SW $\frac{1}{4}$ NE $\frac{1}{4}$	40 acres
SW $\frac{1}{4}$ NW $\frac{1}{4}$	38 acres				
SE $\frac{1}{4}$ NW $\frac{1}{4}$	40 acres	NW $\frac{1}{4}$ SE $\frac{1}{4}$	22 acres		

(4) Pursuant to South Dakota Water Law 46-5-30.1 Marquardt Farms, PO Box 1040, Yankton SD 57078 the holder and/or owner of Water Right No. 7214-3 is issued a license to appropriate water, the right to use 2.00 cubic feet of water per second from ground water, one well (Lower James Missouri Aquifer) with a priority date of September 30, 2010 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. 7214-3 and subject to the following qualifications:

- 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 owner under this water right shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
- The well authorized by Permit No. 7214-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with the Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28. *The well was drilled in November 2011 by Hammond Wetmore Drilling LLC. A copy of the well completion report is on file with the Water Rights Program.*

continued

- This Water Right is approved subject to the irrigation water use questionnaire being submitted each year.

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

APR 25 2022

date

