

**WATER PERMIT NO. 7242-3**

Name of Applicant: Rollin J Morehouse

Address: 8920 W 28<sup>th</sup> St, St. Louis Park MN 55426 Phone: 605 546-1003

Amount of Water Claimed: 4.85 cfs Total Acres: 300

Source of Water Supply: groundwater (4 wells)

Water to be used for: irrigation County: Grant

Type of Waste Disposal System: NA

Location: about 25 miles southwest of Milbank

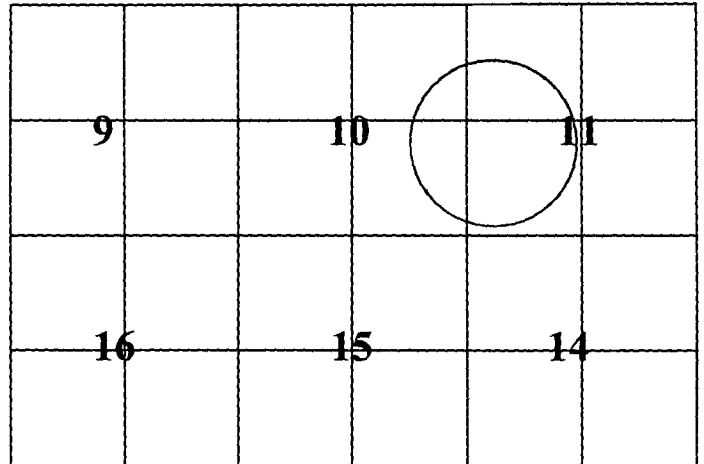
PRIORITY Date Received: 4-1-11 Application/License Fee: \$1,250.00

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

Remarks:

Diversion Point: E ½ SW ¼, SE ¼ NW ¼ Sec 11-  
T120N-R52W

Land to be Irrigated: SW ¼, S ½ NW ¼ Sec 11  
and E ½ SE ¼, SE ¼ NE ¼ Sec 10; all in T120N-  
R52W



Depth of Well: 165 feet deep

Well Driller: Wieber Well Drilling

Remarks:

Type of Map: aerial

Prepared by: Mark Hubers, Grant Co NRCS

Reviewed and the Number Assigned on: 4-4-11

By: Karen Schlaak

Notice of Hearing - date to intervene: \_\_\_\_\_

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

|                                                                                                                 |                                     |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Mail to:<br>PMB 2020<br>DENR - Water Rights<br>523 E Capitol Ave<br>Pierre, SD 57501-3182<br>ph. (605) 773-3352 | No. <u>7242-3</u> (office use only) |
|                                                                                                                 | Hydrologic Unit <u>10170201</u>     |
|                                                                                                                 | Basin <u>Big Sioux River</u>        |
|                                                                                                                 | Newspaper _____                     |

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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 of Applicant Rollin J. Morehouse Phone (952) 546-1003

(check one) ☒ Owner ☐ Tenant/lessee

Mailing Address 8920 West 28th Street St. Louis Park MN 55426  
(Address) (City) (State) (Zip Code)

2. Amount of water claimed 4.29 \*CFS or 1,920 \*\*GPM \*\*\*AF Total Acreage 300  
(\*Cubic Feet per Second) (\*\*Gallons per Minute) (\*\*\*)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply Well

4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Grant  
4 wells in the SE1/4 SW1/4, NE1/4 SW1/4, and SE1/4 NW1/4 Section 11-T120N-R52W

5. County or counties where water will be used Grant

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

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

| Land Description                      | Acres | Land Description                      | Acres |
|---------------------------------------|-------|---------------------------------------|-------|
| SE1/4 SE1/4 Section 10 - T120N - R52W | 25    | NW1/4 SW1/4 Section 11 - T120N - R52W | 40    |
| SW1/4 SW1/4 Section 11 - T120N - R52W | 40    | NE1/4 SW1/4 Section 11 - T120N - R52W | 40    |
| SE1/4 SW1/4 Section 11 - T120N R52W   | 25    | SE1/4 NE1/4 Section 10 - T120N - R52W | 25    |
| NE1/4 SE1/4 Section 10-T120N R52W     | 40    | SW1/4 NW1/4 Section 11 - T120N - R52W | 40    |

8. Give a description of the project. (Attach sheet if more space is needed) SE 1/4 NW 1/4 Section 11-T120N-R52W 25  
Installation of a permanent well, pump, motor, pipe, and electrical system to support a 300-acre center pivot sprinkler irrigation system for use in growing agricultural crops, primarily corn, soybeans, and small grains in Lura Township, Grant County, South Dakota.

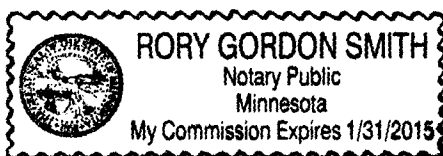
Minnesota  
STATE OF ~~SOUTH DAKOTA~~ )  
County of Hennepin ) SS

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, Rollin J. Morehouse, 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 Rollin J. Morehouse

Subscribed and sworn to before me this 28 day of March 2011



Notary Public signature [Signature]

**SOUTH DAKOTA  
WATER PERMIT NO. 7242-3**

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Date of first receipt of application April 1, 2011.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7242-3 to Rollin J Morehouse, 8920 West 28<sup>th</sup> St, St. Louis Park MN 55426 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. 7242-3 appropriates 4.29 cubic feet of water per second from four wells to be completed into the Prairie Coteau Aquifer (approximately 165 feet deep) located in E ½ SW ¼, SE ¼ NW ¼ Section 11 for irrigation of 300 acres located in the SW ¼, S ½ NW ¼ Section 11 and E ½ SE ¼, SE ¼ NE ¼ Section 10; all in T120N-R52W.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: April 1 – October 31.
3. The date from which applicant may claim right is April 1, 2011.
4. The date of approval of Permit No. 7242-3 is June 27, 2011.
5. One-fifth of the construction is to be completed on or before December 27, 2013.
6. All construction is to be completed on or before June 27, 2016.
7. Water is to be put to beneficial use on or before June 27, 2020.
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. 7242-3 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

DEC 18 2011  
date



## Supplemental Information

(type or print in ink)

### 1. Well Information - Proposed Construction

- a) Drill Hole Diameter 22 inches Depth 165 feet
- b) Casing Type PVC Diameter 14 inches Thickness Class 200
- c) Screen Type Stainless Steel/PVC Diameter 12 inches Thickness Sch 40/Class 200
- d) Gravel Pack 1/4-3/8" pea rock Length of Gravel Pack 30 feet
- e) Depth to Top of Water Bearing Material 100 feet
- f) Depth to Water (ground surface to water level) 9 feet
- g) Distance to nearest existing domestic well:

On applicant's property not applicable

On property owned by others 2700 feet

### 2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) not applicable
- b) System Capacity (gallons) not applicable Year Constructed not applicable
- c) Connected to the City of not applicable Sanitary System

### 3. Dugout Information

- a) Surface Dimensions not applicable Depth not applicable
- b) Depth to water (ground surface to water level) not applicable

### 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 not applicable

c) Crest Width not applicable

Crest Length not applicable

d) Height not applicable

e) Primary Outlet Capacity not applicable

If pipe, diameter not applicable

f) Secondary Spillway Capacity not applicable

Spillway Width not applicable

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

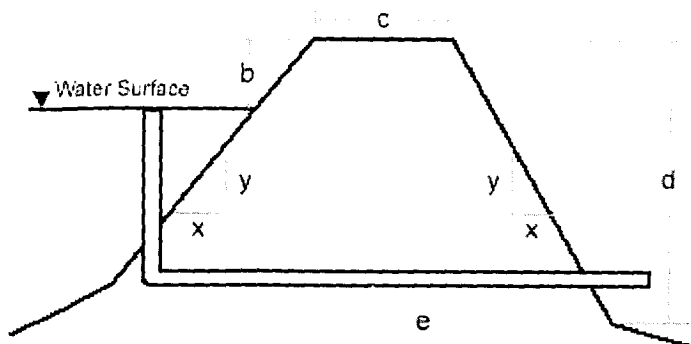
Upstream not applicable

Downstream not applicable

h) Surface Area of Impoundment not applicable

i) Storage n/a Acre Feet

j) Drainage Area Above Dam n/a Acres



# Areas under consideration for irrigation

Date: 3/1/2011

Customer(s): ROLLIN MOREHOUSE

District: Grant

Approximate Acres: 383.5

Legal Description: Sections 10 and 11 of 120N-52W

Field Office: MILBANK SERVICE CENTER

Agency: USDA NRCS

Assisted By: MATTHEW HUBERS

State and County: SD, GRANT

Land Units: Tract: 1239 Field: 2,

Tract: 1239 Field: 4, Tract: 1240 Field: 1



Matthew Hubers

*Matthew Hubers*

District Conservationist  
USDA NRCS  
1102 S. Dakota St  
Grant County, SD 57252



Old Gravel Pit



Point(s) of Diversion

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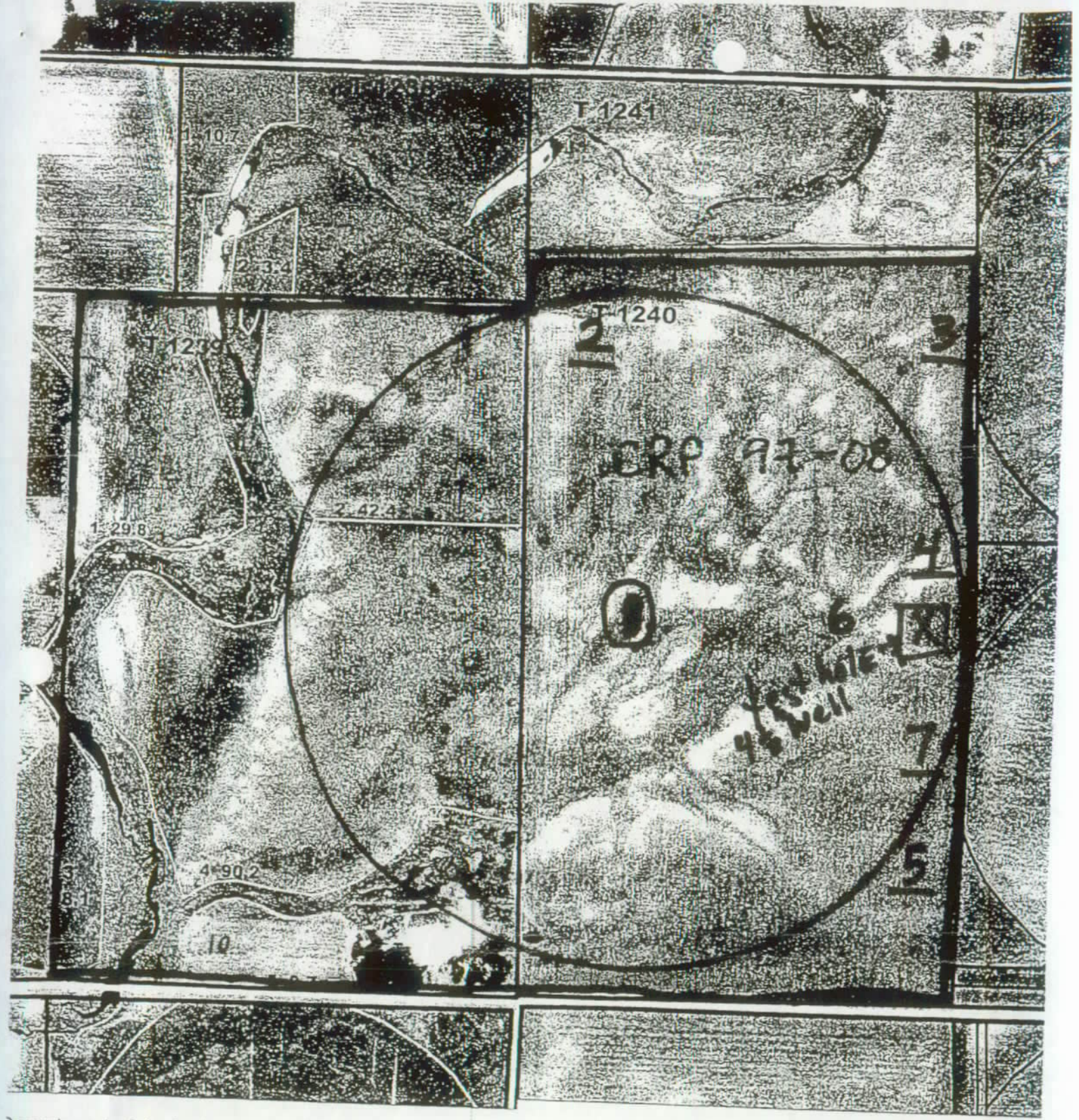
N



## Legend

 Areas under consideration for irrigation

410 0 410 820 1,230 1,640 Feet



Department of Agriculture  
Service Agency

Grant County

photography - Not To Scale

10-120-52



-120-52

January 26, 2004

United States Department of  
Farm Service Agency

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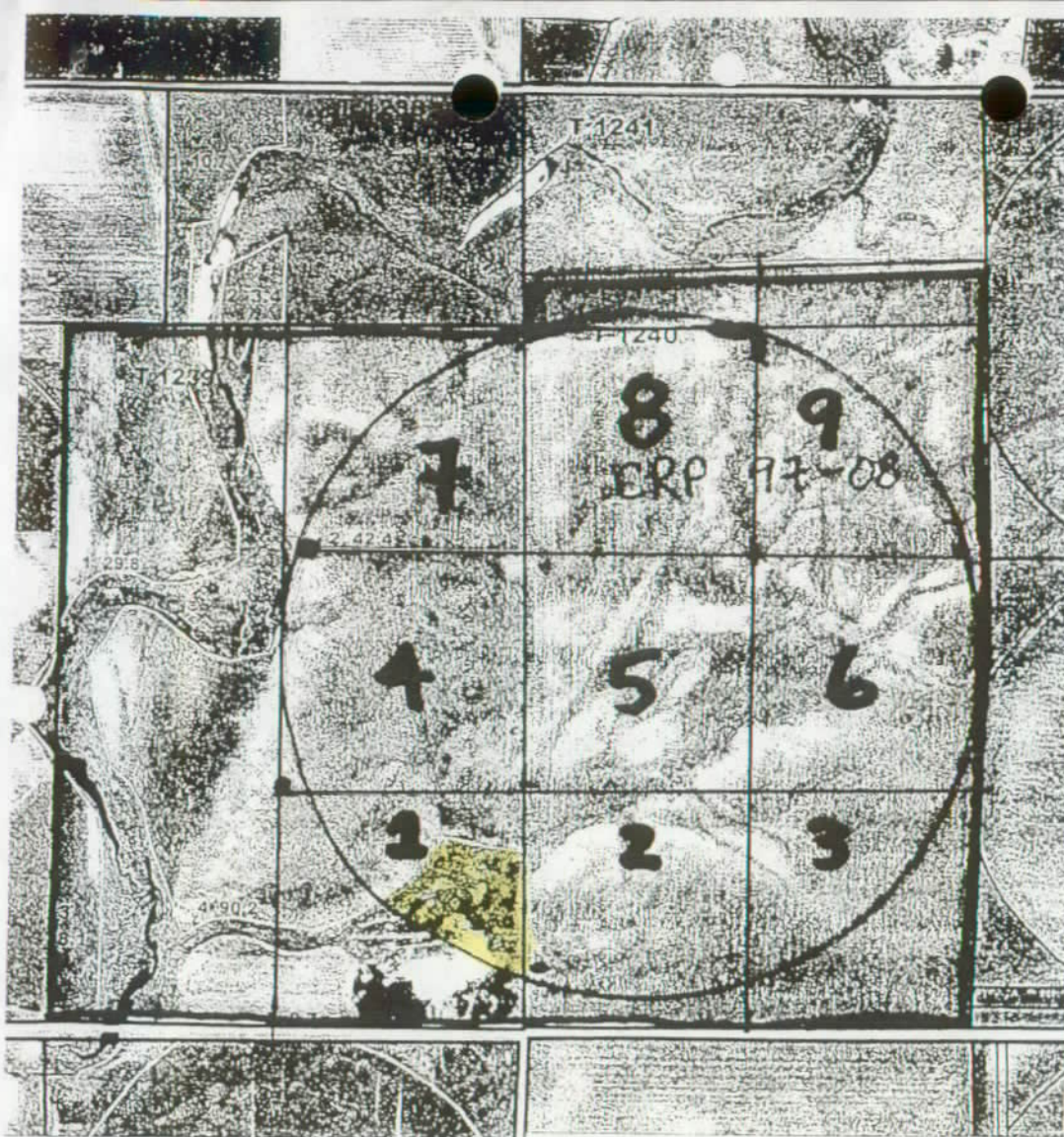
APR - 1 2011

Grant County

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Record Digital Orthophotography -

LURA township

LURA



The pivot will move south slightly to stay within the 40-acre divisions, marked #1-9.

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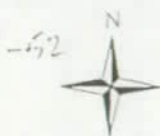
APR - 1 2011

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Department of Agriculture  
Service Agency

Grant County

photography - Not To Scale



gravel pit

11-120-52  
-120-52

January 26, 2004

United States Department of  
Farm Service Agency

Grant County

1997 Digital Orthophotography -

### 40-Acre Divisions

|                                      | Actual Estimate    |  |
|--------------------------------------|--------------------|--|
| 1 SE 1/4 SE 1/4 Section 10-120N-52 W | 21.1 acres         |  |
| 2 SW 1/4 SW 1/4 Section 11-120N-52 W | 33.6 acres         |  |
| 3 SE 1/4 SW 1/4 Section 11-120N-52 W | 23.3 acres         |  |
| 4 NE 1/4 SE 1/4 Section 10-120N-52 W | 41.5 acres         |  |
| 5 NW 1/4 SW 1/4 Section 11-120N-52 W | 40 acres           |  |
| 6 NE 1/4 SW 1/4 Section 11-120N-52 W | 37.2 acres         |  |
| 7 SE 1/4 NE 1/4 Section 10-120N-52 W | 22.9 acres         |  |
| 8 SW 1/4 NW 1/4 Section 11-120N-52 W | 36.5 acres         |  |
| 9 SE 1/4 NW 1/4 Section 11-120N-52 W | 20.8 acres         |  |
|                                      | <u>276.9 acres</u> |  |

Rounded  
to Equal  
Application

25  
40  
25  
40  
40  
40  
25  
40  
25  
300 acres

# SOUTH KOTA WATER WELL COMPLETION REPORT

07-92

Location NE 1/4 SW 1/4 Sec 11 Twp 120N Rg 52W

County Grant

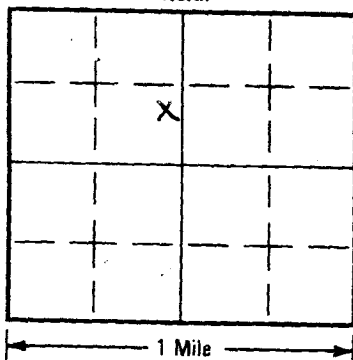
Please mark well location with an "X"

W

E

Well Completion Date

11/11/10



## LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 2 mile ft. from Farm house (identify source).

## PROPOSED USE:

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

## METHOD OF DRILLING:

Forward Rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe \_\_\_\_\_

| PIPEWEIGHT       | DIAMETER        | FROM        | TO            | HOLE DIAMETER   |
|------------------|-----------------|-------------|---------------|-----------------|
| <u>250</u> LB/FT | <u>4 1/2</u> IN | <u>0</u> FT | <u>133</u> FT | <u>8 1/2</u> IN |
| _____ LB/FT      | _____ IN        | _____ FT    | _____ FT      | _____ IN        |
| _____ LB/FT      | _____ IN        | _____ FT    | _____ FT      | _____ IN        |

## GROUTING DATA

| Grout Type      | No. of Sacks | Grout Weight      | From        | To            |
|-----------------|--------------|-------------------|-------------|---------------|
| <u>Wyo-Ben</u>  | <u>8</u>     | <u>10</u> lb./gal | <u>0</u> ft | <u>123</u> ft |
| <u>one step</u> |              | _____ lb./gal     | _____ ft    | _____ ft      |

Describe grouting procedure \_\_\_\_\_

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 4 1/2 IN Length 12 FEET

Material Ever-Flo PVC

Slot Size .070 Set From 133 Feet to 145 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: Rollin Morehouse

Business Name: \_\_\_\_\_

Address: 8920 West 28th St.

St. Louis Park, MN 55426

## WELL LOG:

| FORMATION      | DEPTH |     |
|----------------|-------|-----|
|                | FROM  | TO  |
| top soil       | 0     | 1   |
| gravel         | 1     | 18  |
| clay           | 18    | 100 |
| SAND + gravel  | 100   | 120 |
| SAND + gravel  | 120   | 140 |
| SAND + gravel  | 140   | 153 |
| clay           | 153   | 160 |
| (5" TEST WELL) |       |     |

STATIC WATER LEVEL 9 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? yes

## WELL TEST DATA:

☐ Pumped Describe: AIR

☐ Bailed \_\_\_\_\_

☒ Other \_\_\_\_\_

Pumping Level Below Land Surface

40 ft. After 1/2 Hrs. pumped 100 estimate GPM

\_\_\_\_\_ ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

If pump installed, pump rate \_\_\_\_\_ GPM

## REMARKS

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This well was drilled under license # 480

And this report is true and accurate.

Drilling firm Wieber Well Drilling

Signature of License Representative: \_\_\_\_\_

Signature of Well Owner or Equitable Property Holder: \_\_\_\_\_

Date: \_\_\_\_\_

1-10-2011

# SOUTH KOTA WATER WELL COMPLETION REPORT

07-92

Location NW 1/4 SW 1/4 Sec 11 Twp 120N Rg 52W

County Grant

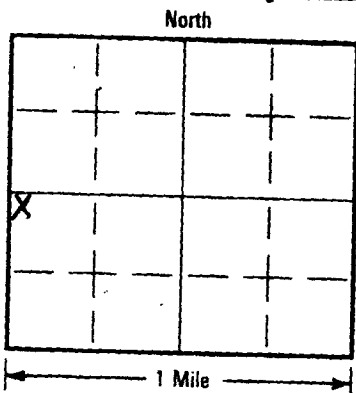
Please mark well location with an "X"

test hole

# 1

Well Completion Date

10/13/10



## LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 2 miles from Farm house (identify source).

## PROPOSED USE:

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

## METHOD OF DRILLING:

Forward Rotary

CASING DATA: ☐ Steel ☐ Plastic ☐ Other

If other describe \_\_\_\_\_

| PIPEWEIGHT  | DIAMETER | FROM     | TO       | HOLE DIAMETER   |
|-------------|----------|----------|----------|-----------------|
| _____ LB/FT | _____ IN | _____ FT | _____ FT | <u>4 1/2</u> IN |
| _____ LB/FT | _____ IN | _____ FT | _____ FT | _____ IN        |
| _____ LB/FT | _____ IN | _____ FT | _____ FT | _____ IN        |

## GROUTING DATA

| Grout Type      | No. of Sacks | Grout Weight      | From        | To            |
|-----------------|--------------|-------------------|-------------|---------------|
| <u>Wyo-Ben</u>  | <u>5</u>     | <u>10</u> lb./gal | <u>0</u> ft | <u>200</u> ft |
| <u>one step</u> |              | _____ lb./gal     | _____ ft    | _____ ft      |

Describe grouting procedure \_\_\_\_\_

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter \_\_\_\_\_ IN Length \_\_\_\_\_ FEET

Material \_\_\_\_\_

Slot Size \_\_\_\_\_ Set From X Feet to \_\_\_\_\_ 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: Rollin J. Morehouse

Business Name: \_\_\_\_\_

Address: 8920 West 28th St.

St. Louis Park, MN. 55426

## WELL LOG:

| FORMATION | DEPTH |     |
|-----------|-------|-----|
|           | FROM  | TO  |
| top soil  | 0     | 1   |
| gravel    | 1     | 44  |
| clay      | 44    | 75  |
| clay      | 75    | 100 |
| FINE SAND | 100   | 110 |
| clay      | 110   | 166 |
| FINE SAND | 166   | 175 |
| clay      | 175   | 200 |

## STATIC WATER LEVEL

Feet

If flowing: closed in pressure \_\_\_\_\_ PSI

GPM flow \_\_\_\_\_ through \_\_\_\_\_ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other \_\_\_\_\_

Reduced Flowrate \_\_\_\_\_ GPM

Can well be completely shut in? \_\_\_\_\_

## WELL TEST DATA:

☐ Pumped

Describe: \_\_\_\_\_

☐ Bailed

☐ Other

Pumping Level Below Land Surface

\_\_\_\_\_ ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

\_\_\_\_\_ ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

If pump installed, pump rate \_\_\_\_\_ GPM

## REMARKS

test hole # 1 of 7

This well was drilled under license # 480

And this report is true and accurate.

Drilling firm Wieber Well Drilling

Signature of License Representative: \_\_\_\_\_

Signature of Well Owner or Equitable Property Holder: \_\_\_\_\_

Date: \_\_\_\_\_

1-10-2011

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# SOUTH KOTA WATER WELL COMPLETION REPORT

07-92

Location SW 1/4 NW 1/4 Sec 11 Twp 120N Rg 52W

County Grant

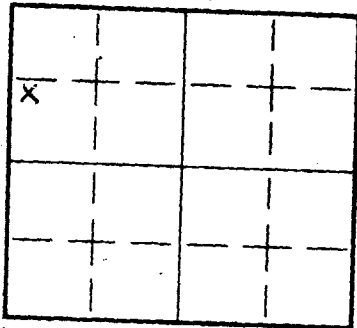
Please mark well location with an "X"

test hole

# 2

Well Completion Date

10/14/10



## LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 2 mile ft. from Farm house (identify source).

## PROPOSED USE:

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

## METHOD OF DRILLING:

Forward Rotary

CASING DATA: ☐ Steel ☐ Plastic ☐ Other

If other describe \_\_\_\_\_

| PIPEWEIGHT  | DIAMETER | FROM     | TO       | HOLE DIAMETER   |
|-------------|----------|----------|----------|-----------------|
| _____ LB/FT | _____ IN | _____ FT | _____ FT | <u>4 1/2</u> IN |
| _____ LB/FT | _____ IN | _____ FT | _____ FT | _____ IN        |
| _____ LB/FT | _____ IN | _____ FT | _____ FT | _____ IN        |

## GROUTING DATA

Grout Type Wyo-Ben    No. of Sacks 3    Grout Weight 10 lb./gal    From 0 ft. To 140 ft.  
one step    \_\_\_\_\_ lb./gal    \_\_\_\_\_ ft. \_\_\_\_\_ ft.

Describe grouting procedure \_\_\_\_\_

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter \_\_\_\_\_ IN Length \_\_\_\_\_ FEET

Material \_\_\_\_\_

Slot Size \_\_\_\_\_ Set From X Feet to \_\_\_\_\_ 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: Rollin J. Morehouse

Business Name: \_\_\_\_\_

Address: 8920 West 28th St.

St. Louis Park, Mn. 55426

## WELL LOG:

| FORMATION     | DEPTH |     |
|---------------|-------|-----|
|               | FROM  | TO  |
| top soil      | 0     | 1   |
| yellow clay   | 2     | 30  |
| clay          | 30    | 90  |
| Rocky clay    | 90    | 92  |
| SAND + GRAVEL | 92    | 100 |
| SAND + GRAVEL | 100   | 114 |
| clay          | 114   | 140 |
|               |       |     |
|               |       |     |

## STATIC WATER LEVEL

\_\_\_\_\_ Feet

If flowing: closed in pressure \_\_\_\_\_ PSI

GPM flow \_\_\_\_\_ through \_\_\_\_\_ inch pipe

Controlled by ☐ Valve ☐ Reducers ☒ Other \_\_\_\_\_

Reduced Flowrate \_\_\_\_\_ GPM

Can well be completely shut in? \_\_\_\_\_

## WELL TEST DATA:

☐ Pumped

Describe: \_\_\_\_\_

☐ Bailed

☐ Other

Pumping Level Below Land Surface

\_\_\_\_\_ ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

\_\_\_\_\_ ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

If pump installed, pump rate \_\_\_\_\_ GPM

## REMARKS

test hole # 2 of 7

This well was drilled under license # 480

And this report is true and accurate.

Drilling firm Wieber Well Drilling

Signature of License Representative: \_\_\_\_\_

Signature of Well Owner or Equitable Property Holder: \_\_\_\_\_

Date: \_\_\_\_\_

1-10-2011

**RECEIVED**

**APR - 1 2011**

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# SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SE 1/4 NW 1/4 Sec 11 Twp 120N Rg 52W

County Grant

North

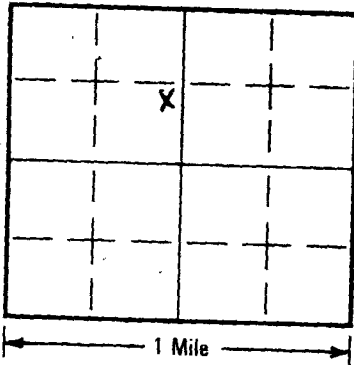
Please mark well location with an "X"

test hole

# 3

Well Completion Date

10/15/10



## LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 2 mile ft. from Farm house (identify source).

## PROPOSED USE:

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

## METHOD OF DRILLING:

Forward Rotary

CASING DATA: ☐ Steel ☐ Plastic ☐ Other

If other describe \_\_\_\_\_

| PIPEWEIGHT | DIAMETER | FROM    | TO      | HOLE DIAMETER   |
|------------|----------|---------|---------|-----------------|
| ____ LB/FT | ____ IN  | ____ FT | ____ FT | <u>4 1/2</u> IN |
| ____ LB/FT | ____ IN  | ____ FT | ____ FT | ____ IN         |
| ____ LB/FT | ____ IN  | ____ FT | ____ FT | ____ IN         |

## GROUTING DATA

| Grout Type     | No. of Sacks | Grout Weight      | From        | To            |
|----------------|--------------|-------------------|-------------|---------------|
| <u>Wye Ben</u> | <u>3</u>     | <u>10</u> lb./gal | <u>0</u> ft | <u>160</u> ft |
| <u>onestep</u> |              | ____ lb./gal      | ____ ft     | ____ ft       |

Describe grouting procedure \_\_\_\_\_

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter \_\_\_\_\_ IN Length \_\_\_\_\_ FEET

Material \_\_\_\_\_

Slot Size \_\_\_\_\_ Set From \_\_\_\_\_ Feet to \_\_\_\_\_ 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: Rollin J. Morehouse

Business Name: \_\_\_\_\_

Address: 8920 West 28th St  
St. Louis Park, Mn. 55426

## WELL LOG:

| FORMATION          | DEPTH      |            |
|--------------------|------------|------------|
|                    | FROM       | TO         |
| <u>top soil</u>    | <u>0</u>   | <u>2</u>   |
| <u>gravel</u>      | <u>2</u>   | <u>18</u>  |
| <u>Rocky clay</u>  | <u>18</u>  | <u>24</u>  |
| <u>clay</u>        | <u>24</u>  | <u>60</u>  |
| <u>clay</u>        | <u>60</u>  | <u>103</u> |
| <u>gravel sand</u> | <u>103</u> | <u>124</u> |
| <u>clay</u>        | <u>124</u> | <u>160</u> |
|                    |            |            |
|                    |            |            |

STATIC WATER LEVEL \_\_\_\_\_ Feet

If flowing: closed in pressure \_\_\_\_\_ PSI

GPM flow \_\_\_\_\_ through \_\_\_\_\_ inch pipe

Controlled by ☐ Valve ☒ Reducers ☐ Other \_\_\_\_\_

Reduced Flowrate \_\_\_\_\_ GPM

Can well be completely shut in? \_\_\_\_\_

## WELL TEST DATA:

☐ Pumped Describe: \_\_\_\_\_

☐ Bailed \_\_\_\_\_

☐ Other \_\_\_\_\_

Pumping Level Below Land Surface \_\_\_\_\_

\_\_\_\_ ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

\_\_\_\_ ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

If pump installed, pump rate \_\_\_\_\_ GPM

## REMARKS

test hole # 3 of 7

This well was drilled under license # 480

And this report is true and accurate.

Drilling firm Wieber Well Drilling

Signature of License Representative: \_\_\_\_\_

Signature of Well Owner or Equitable Property Holder: \_\_\_\_\_

Date: 10-10-2011

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APR - 1 2011

WATER RIGHTS PROGRAM

# SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

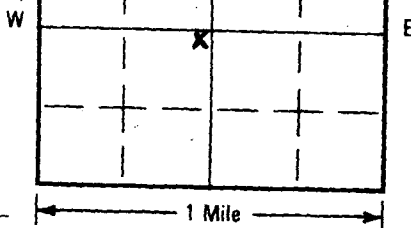
Location NE 1/4 SW 1/4 Sec 11 Twp 120N Rg 52W

County Grant

North

Please mark well location with an "X"

test hole #4



Well Completion Date

10/18/10

## LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 2 mile ft. from Farm house (identify source).

## PROPOSED USE:

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

## METHOD OF DRILLING:

Forward Rotary

CASING DATA: ☐ Steel ☐ Plastic ☐ Other

If other describe \_\_\_\_\_

| PIPEWEIGHT  | DIAMETER | FROM     | TO       | HOLE DIAMETER   |
|-------------|----------|----------|----------|-----------------|
| _____ LB/FT | _____ IN | _____ FT | _____ FT | <u>4 1/2</u> IN |
| _____ LB/FT | _____ IN | _____ FT | _____ FT | _____ IN        |
| _____ LB/FT | _____ IN | _____ FT | _____ FT | _____ IN        |

## GROUTING DATA

| Grout Type      | No. of Sacks | Grout Weight      | From        | To            |
|-----------------|--------------|-------------------|-------------|---------------|
| <u>Wyo-Ben</u>  | <u>3</u>     | <u>10</u> lb./gal | <u>0</u> ft | <u>160</u> ft |
| <u>one step</u> |              | _____ lb./gal     | _____ ft    | _____ ft      |

Describe grouting procedure \_\_\_\_\_

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter \_\_\_\_\_ IN Length \_\_\_\_\_ FEET

Material \_\_\_\_\_

Slot Size \_\_\_\_\_ Set From \_\_\_\_\_ Feet to \_\_\_\_\_ 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: Rollin J. Morehouse

Business Name: \_\_\_\_\_

Address: 8920 West 28th St.  
St. Louis Park, MN. 55426

## WELL LOG:

| FORMATION                    | DEPTH      |            |
|------------------------------|------------|------------|
|                              | FROM       | TO         |
| <u>top soil</u>              | <u>0</u>   | <u>1</u>   |
| <u>gravel</u>                | <u>1</u>   | <u>18</u>  |
| <u>clay</u>                  | <u>18</u>  | <u>100</u> |
| <u>sand gravel</u>           | <u>100</u> | <u>120</u> |
| <u>sand + gravel</u>         | <u>120</u> | <u>140</u> |
| <u>very good sand/gravel</u> | <u>140</u> | <u>153</u> |
| <u>clay</u>                  | <u>153</u> | <u>160</u> |

STATIC WATER LEVEL \_\_\_\_\_ Feet

If flowing: closed in pressure \_\_\_\_\_ PSI

GPM flow \_\_\_\_\_ through \_\_\_\_\_ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other \_\_\_\_\_

Reduced Flowrate \_\_\_\_\_ GPM

Can well be completely shut in? \_\_\_\_\_

## WELL TEST DATA:

☐ Pumped Describe: \_\_\_\_\_  
☐ Bailed \_\_\_\_\_  
☐ Other \_\_\_\_\_

Pumping Level Below Land Surface

\_\_\_\_\_ ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

\_\_\_\_\_ ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

If pump installed, pump rate \_\_\_\_\_ GPM

## REMARKS

test hole #4 of 7

This well was drilled under license # 480

And this report is true and accurate.

Drilling firm Wieber Well Drilling

Signature of License Representative: \_\_\_\_\_

Signature of Well Owner or Equitable Property Holder: \_\_\_\_\_

Date: 1-10-2011

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**WATER RIGHTS PROGRAM**

# SOUTH KOTA WATER WELL COMPLETION REPORT

07-92

Location SE 1/4 SW 1/4 Sec 11 Twp 120N Rg 52W

County Grant

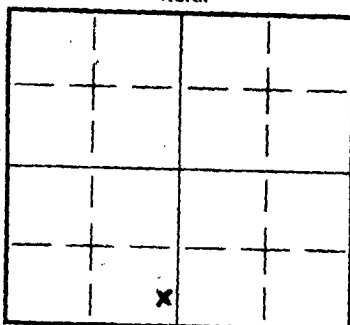
North

Please mark well location with an "X"

test hole  
# 5

Well Completion Date

10/19/10



1 Mile

## LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 2 mile ft. from Farm house (identify source).

## PROPOSED USE:

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

## METHOD OF DRILLING:

Forward Rotary

CASING DATA: ☐ Steel ☐ Plastic ☐ Other

If other describe \_\_\_\_\_

| PIPEWEIGHT | DIAMETER | FROM    | TO      | HOLE DIAMETER   |
|------------|----------|---------|---------|-----------------|
| ____ LB/FT | ____ IN  | ____ FT | ____ FT | <u>4 1/2</u> IN |
| ____ LB/FT | ____ IN  | ____ FT | ____ FT | ____ IN         |
| ____ LB/FT | ____ IN  | ____ FT | ____ FT | ____ IN         |

## GROUTING DATA

| Grout Type      | No. of Sacks | Grout Weight | From        | To            |
|-----------------|--------------|--------------|-------------|---------------|
| <u>Wyo-Ben</u>  | <u>3</u>     | ____ lb./gal | <u>0</u> ft | <u>160</u> ft |
| <u>one step</u> | ____         | ____ lb./gal | ____ ft     | ____ ft       |

Describe grouting procedure \_\_\_\_\_

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter \_\_\_\_\_ IN Length \_\_\_\_\_ FEET

Material \_\_\_\_\_  
Slot Size \_\_\_\_\_ Set From \_\_\_\_\_ Feet to \_\_\_\_\_ 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: Rollin J. Morehouse

Business Name: \_\_\_\_\_

Address: 8920 West 28th St.  
St. Louis Park, MN. 55426

## WELL LOG:

| FORMATION    | DEPTH |      |
|--------------|-------|------|
|              | FROM  | TO   |
| top soil     | 0     | 1    |
| gravel       | 1     | 40   |
| Rocky gravel | 40    | 50   |
| clay         | 50    | 60   |
| clay         | 60    | 107  |
| gravel sand  | 107   | 141  |
| clay         | 141   | -160 |

## STATIC WATER LEVEL

\_\_\_\_\_ Feet

If flowing: closed in pressure \_\_\_\_\_ PSI

GPM flow \_\_\_\_\_ through \_\_\_\_\_ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other \_\_\_\_\_

Reduced Flowrate \_\_\_\_\_ GPM

Can well be completely shut in? \_\_\_\_\_

## WELL TEST DATA:

☐ Pumped Describe: \_\_\_\_\_

☐ Bailed \_\_\_\_\_

☐ Other \_\_\_\_\_

Pumping Level Below Land Surface

\_\_\_\_\_ ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

\_\_\_\_\_ ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

If pump installed, pump rate \_\_\_\_\_ GPM

## REMARKS

test hole 5 of 7

This well was drilled under license # 480

And this report is true and accurate.

Drilling firm Wieber Well Drilling

Signature of License Representative: \_\_\_\_\_

Signature of Well Owner or Equitable Property Holder: \_\_\_\_\_

Date: 1-10-2011

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# SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NE 1/4 SW 1/4 Sec 11 Twp 120N Rg 52W

County GRANT

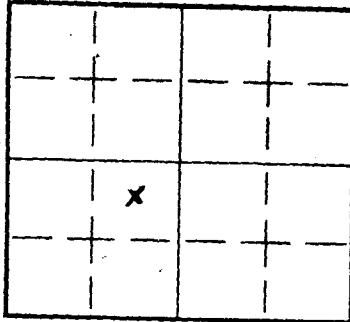
North

Please mark well location with an "X"

test hole  
# 6

W

E



Well Completion Date

10/20/10

## LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 1/2 mile ft. from Farm house (identify source).

## PROPOSED USE:

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

## METHOD OF DRILLING:

Forward Rotary

## CASING DATA:

☐ Steel ☐ Plastic ☐ Other

If other describe \_\_\_\_\_

| PIPEWEIGHT  | DIAMETER | FROM     | TO       | HOLE DIAMETER   |
|-------------|----------|----------|----------|-----------------|
| _____ LB/FT | _____ IN | _____ FT | _____ FT | <u>4 1/2</u> IN |
| _____ LB/FT | _____ IN | _____ FT | _____ FT | _____ IN        |
| _____ LB/FT | _____ IN | _____ FT | _____ FT | _____ IN        |

## GROUTING DATA

| Grout Type      | No. of Sacks | Grout Weight      | From         | To             |
|-----------------|--------------|-------------------|--------------|----------------|
| <u>Wye-Ber</u>  | <u>3</u>     | <u>10</u> lb./gal | <u>0</u> ft. | <u>140</u> ft. |
| <u>one-step</u> |              | _____ lb./gal     | _____ ft.    | _____ ft.      |

Describe grouting procedure \_\_\_\_\_

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter \_\_\_\_\_ IN Length \_\_\_\_\_ FEET

Material \_\_\_\_\_

Slot Size \_\_\_\_\_ Set From \_\_\_\_\_ Feet to \_\_\_\_\_ 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: Rollin J. Morehouse

Business Name: \_\_\_\_\_

Address: 8920 West 28th St.  
St. Louis Park, MN. 55426

## WELL LOG:

| FORMATION             | DEPTH |     |
|-----------------------|-------|-----|
|                       | FROM  | TO  |
| top soil              | 0     | 1   |
| yellow clay           | 1     | 10  |
| gravel                | 10    | 20  |
| clay                  | 20    | 29  |
| Rocky gravel clay mix | 29    | 40  |
| clay                  | 40    | 100 |
| SAND & gravel         | 100   | 135 |
| clay                  | 135   | 140 |

## STATIC WATER LEVEL

Feet

If flowing: closed in pressure \_\_\_\_\_ PSI

GPM flow \_\_\_\_\_ through \_\_\_\_\_ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other \_\_\_\_\_

Reduced Flowrate \_\_\_\_\_ GPM

Can well be completely shut in? \_\_\_\_\_

## WELL TEST DATA:

☐ Pumped

Describe: \_\_\_\_\_

☐ Bailed

☐ Other

Pumping Level Below Land Surface

\_\_\_\_\_ ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

\_\_\_\_\_ ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

If pump installed, pump rate \_\_\_\_\_ GPM

## REMARKS

test hole # 6 of 7

This well was drilled under license # 480

And this report is true and accurate.

Drilling firm Wieber Well Drilling

Signature of License Representative: \_\_\_\_\_

Signature of Well Owner or Equitable Property Holder: \_\_\_\_\_

Date: 1-40-2011

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PROGRAM

# SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NE 1/4 SW 1/4 Sec 11 Twp 120N Rg 52W

County Grant

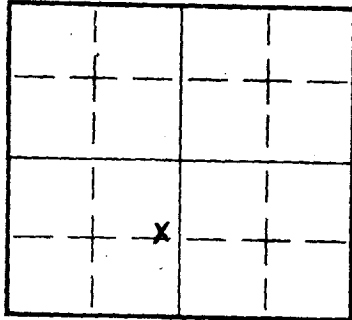
North

Please mark well location with an "X"

test hole  
# 7

Well Completion Date

10/21/10



## LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 2 mile ft. from Farm house (identify source).

## PROPOSED USE:

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

## METHOD OF DRILLING:

Forward Rotary

CASING DATA: ☐ Steel ☐ Plastic ☐ Other

If other describe \_\_\_\_\_

| PIPEWEIGHT | DIAMETER | FROM    | TO      | HOLE DIAMETER   |
|------------|----------|---------|---------|-----------------|
| ____ LB/FT | ____ IN  | ____ FT | ____ FT | <u>4 1/2</u> IN |
| ____ LB/FT | ____ IN  | ____ FT | ____ FT | ____ IN         |
| ____ LB/FT | ____ IN  | ____ FT | ____ FT | ____ IN         |

## GROUTING DATA

Grout Type Ugo Ben    No. of Sacks 3    Grout Weight 10 lb./gal    From 0 ft. To 160 ft.  
one step    \_\_\_\_\_ lb./gal    \_\_\_\_\_ ft. \_\_\_\_\_ ft.

Describe grouting procedure \_\_\_\_\_

SCREEN: ☐ Perforated pipe ☐ Manufactured

Diameter \_\_\_\_\_ IN Length \_\_\_\_\_ FEET

Material \_\_\_\_\_

Slot Size \_\_\_\_\_ Set From \_\_\_\_\_ Feet to \_\_\_\_\_ 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: Rollin J. Morehouse

Business Name: \_\_\_\_\_

Address: 8920 West 28th St.

St. Louis Park, MN 55426

## WELL LOG:

| FORMATION              | DEPTH |     |
|------------------------|-------|-----|
|                        | FROM  | TO  |
| top soil               | 0     | 1   |
| GRAVEL                 | 1     | 44  |
| CLAY                   | 44    | 104 |
| SAND + GRAVEL          | 104   | 120 |
| good sand (water loss) | 120   | 140 |
| good sand & gravel     | 140   | 148 |
| CLAY                   | 140   | 160 |
|                        |       |     |
|                        |       |     |

STATIC WATER LEVEL \_\_\_\_\_ Feet

If flowing: closed in pressure \_\_\_\_\_ PSI

GPM flow \_\_\_\_\_ through \_\_\_\_\_ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other \_\_\_\_\_

Reduced Flowrate \_\_\_\_\_ GPM

Can well be completely shut in? \_\_\_\_\_

## WELL TEST DATA:

☐ Pumped Describe: \_\_\_\_\_

☐ Bailed \_\_\_\_\_

☐ Other \_\_\_\_\_

Pumping Level Below Land Surface \_\_\_\_\_

\_\_\_\_\_ ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

\_\_\_\_\_ ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

If pump installed, pump rate \_\_\_\_\_ GPM

## REMARKS

test hole # 7 of 7

This well was drilled under license # 480

And this report is true and accurate.

Drilling firm Wieber Well Drilling

Signature of License Representative: \_\_\_\_\_

Signature of Well Owner or Equitable Property Holder: \_\_\_\_\_

Date: \_\_\_\_\_

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APR - 1 2011

WATER RIGHTS PROGRAM

# RECEIPT

## WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 4/1, 20 11

RECEIVED OF Rollin Morehouse 8920 W 28th St St Louis Park MN 55426

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

|                                                                                                                        |       |         |
|------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Fee for Application for Permit No. <u>7242-3</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>7242-3</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 | 1250 00 |

No. **0495**

By Harold Erbe  
Chief Engineer

Mr. Eric Gronlund  
Department of Environment & Natural Resources  
Water Rights Program  
523 East Capitol Avenue  
Pierre, SD 57501-3182

March 28, 2011

**RECEIVED**

**APR - 1 2011**

**WATER RIGHTS  
PROGRAM**

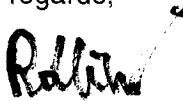
Dear Eric:

Enclosed are two separate irrigation permit applications for my land in Grant and Roberts County for your review, complete with well logs from Wieber Well Drilling, signed maps from NRCS, and separate checks for each permit application. As discussed, I've also enclosed two additional aerial maps that detail the 40-acre divisions for each tract of land under irrigation.

At your convenience, please send a receipt for the payment of the permit application fees so I can retain same for my income tax files.

Thank you again for your assistance in this permit application process. You've been most helpful and it's been a pleasure to work with you. By all means, call me if you have any questions or if your department requires additional information.

Kind regards,



Rollin J. Morehouse  
8920 West 28<sup>th</sup> Street  
St. Louis Park, MN 55426

(952) 546-1003 office  
(952) 270-9333 cell

enclosure(s): Grant & Roberts County Permit Applications & signed NRCS aerial maps  
Grant & Roberts County 40-acre division maps  
Grant & Roberts County Wieber Well Drilling well logs  
RJM Checks #1805 and #1806

cc: Mr. Jerry Wieber, Wieber Well Drilling

## **Water Rights Program - File Documentation**

---

**NAME:** Rollin J Morehouse

**ADDRESS:** St. Louis Park MN

**DATE:** 4-4-11      **COUNTY:** RB      **TELEPHONE:** 952 546-1003

**RE:** Pending applications

### **COMMENTS:**

Eric Gronlund called Rollin J Morehouse regarding his two water permit applications and the amount of water requested. Mr. Morehouse stated the amount of water claimed on the applications was 7 gpm for each acre to be irrigated.

Eric explained the statutory limit of 1 cfs per 70 acres. Mr. Morehouse stated he concurred with changing the amount of water claimed to the statutory limit.

*Karen Schlaak*

Karen Schlaak  
Environmental Scientist



**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

PMB 2020  
JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE, SOUTH DAKOTA 57501-3182  
[www.state.sd.us/denr](http://www.state.sd.us/denr)

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT  
APPLICATION NO. 7242-3, Rollin J Morehouse**

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. 7242-3, Rollin J Morehouse, 8920 W 28<sup>th</sup> Street, St Louis Park MN 55426.

The Chief Engineer is recommending APPROVAL of Application No. 7242-3 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. 7242-3 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  
June 1, 2011

## REPORT ON WATER PERMIT NO. 7242-3

For Rollin J. Morehouse

May 26, 2011

Application No. 7242-3 proposes to appropriate 4.29 cfs (1,923 gpm) from up to four wells approximately 165 feet deep located in the E ½ SW ¼, SE ¼ NW ¼ of section 11 for irrigation of 300 acres located in the SW ¼, S ½ NW ¼ of section 11 and the E ½ SE ¼, SE ¼ NE ¼ of section 10; all in T120N R52W located in Grant County and within the former boundaries of the former Sisseton Wahpeton Indian Reservation.

### AQUIFER – PRAIRIE COTEAU (PCO)

The Prairie Coteau is a buried outwash (sand and gravel) that is under artesian conditions at this site. The aquifer underlies 760 square miles and contains an estimated 1.5 million acre-feet of water in storage in Grant and Codington Counties (Hansen, 1990). The aquifer extends into Roberts County to the north, Codington County to the south and Day County to the west. In general the aquifer is relatively thin and significant drawdown can occur as a result of pumping. The applicant drilled seven test holes, all indicate the aquifer is present but somewhat inconsistent. The best test indicate sand and gravel from about 100 feet below land surface to about 150 feet below land surface or about 50 feet of thickness. Other drill tests in the area indicate only ten to twelve feet of thickness. These were all drilled within the area proposed for irrigation.

A 5 inch test well completed on the east side of the property indicates sand and gravel from 100 feet to 153 feet below land surface. The test well had a static water level of nine feet below land surface. No specific test pumping information was available except that the well was capable of 100 gpm using air to develop.

The Water Rights Program monitors three observation wells completed into the Prairie Coteau aquifer and within two miles of this application. Water levels for these wells show good response to pumping in the area and also to climatic conditions. These wells are GT-76C (located about two miles to the northeast), GT-76B (located about one miles south) and GT-77A (located about two miles southeast) all from this proposed well site. Water levels for these observation wells can fluctuate from 40 to 55 feet annually due to area irrigation withdrawals. This magnitude depends upon the year (drought conditions) and distance the observation well is from an individual production well. The long term trend indicates the wells recover predictably and that recharge has occurred. In general, the water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 2011). Hydrographs for these three observation wells are included with this report.

Water development from the Prairie Coteau aquifer in this general area has been highly controversial especially during the late 1970's and early 1980's. There were many domestic wells completed into the Prairie Coteau aquifer that were affected by irrigation pumping. In

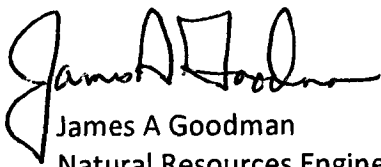
fact, some free flowing domestic wells to the south of this area did cease to free flow or diminish in flow at the land surface as a result of irrigation pumping. After looking at the observation well hydrographs it is readily apparent why this occurred. The Water Management Board did deny a Water Permit application No. 5407-3 for public interest reason in July of 1995 that was proposed about one mile south of this application.

#### REVIEW OF EXISTING WATER PERMITS/RIGHTS

The well for existing Water Right No. 4184-3 (one well, 2.67 cfs) is located about one-half mile to the northeast of this well field. The well for Water Right No. 2715-3 (one well, 1.78 cfs) is located about three-mile southeast of this well field and a well for Water Right No. 5371A-3 (one well, 1 cfs) is located about three-fourths mile to the southwest. Interference will occur. This fact is easily illustrated by observation well GT-76B which is located about one mile to the south. Water can be expected to fluctuate about 55 feet under the right conditions at that observation well site. However, based upon the water level record it appears that interference will not be adverse and the water use from the aquifer has not exceeded average annual recharge.

#### CONCLUSIONS

1. Water is available from the Prairie Coteau aquifer.
2. The aquifer is under artesian conditions at this site. Significant drawdown can be expected. Interference will occur however this is not expected to be adverse.
3. The well(s) authorized by this application must be completed in accordance with SD Well Construction Standards.
4. The applicant has drilled numerous test wells and although there is irrigation potential at this site the aquifer is relatively thin over much of the area and until the wells are completed and tested the water use potential from this site is not known.



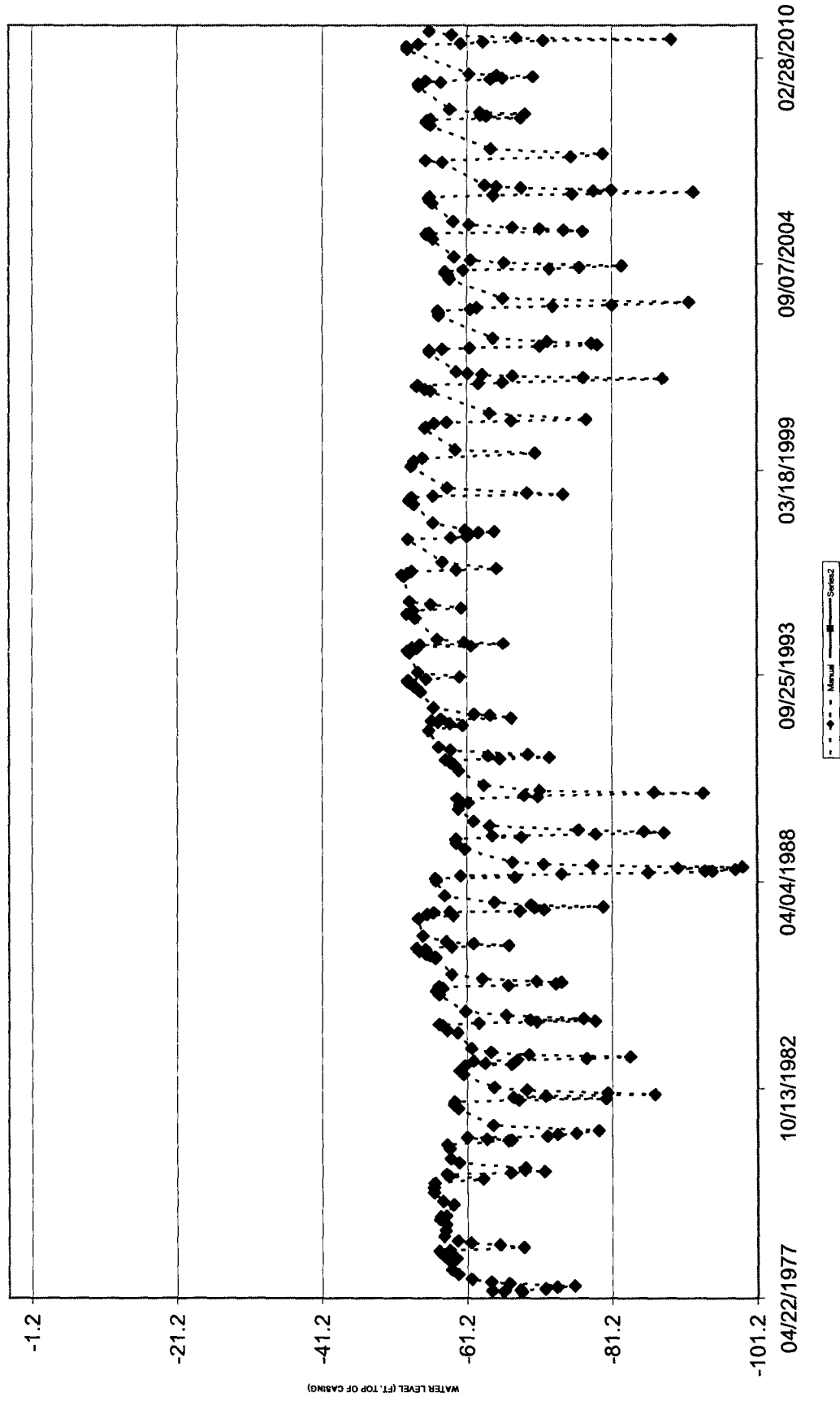
James A Goodman  
Natural Resources Engineer

#### BIBLIOGRAPHY

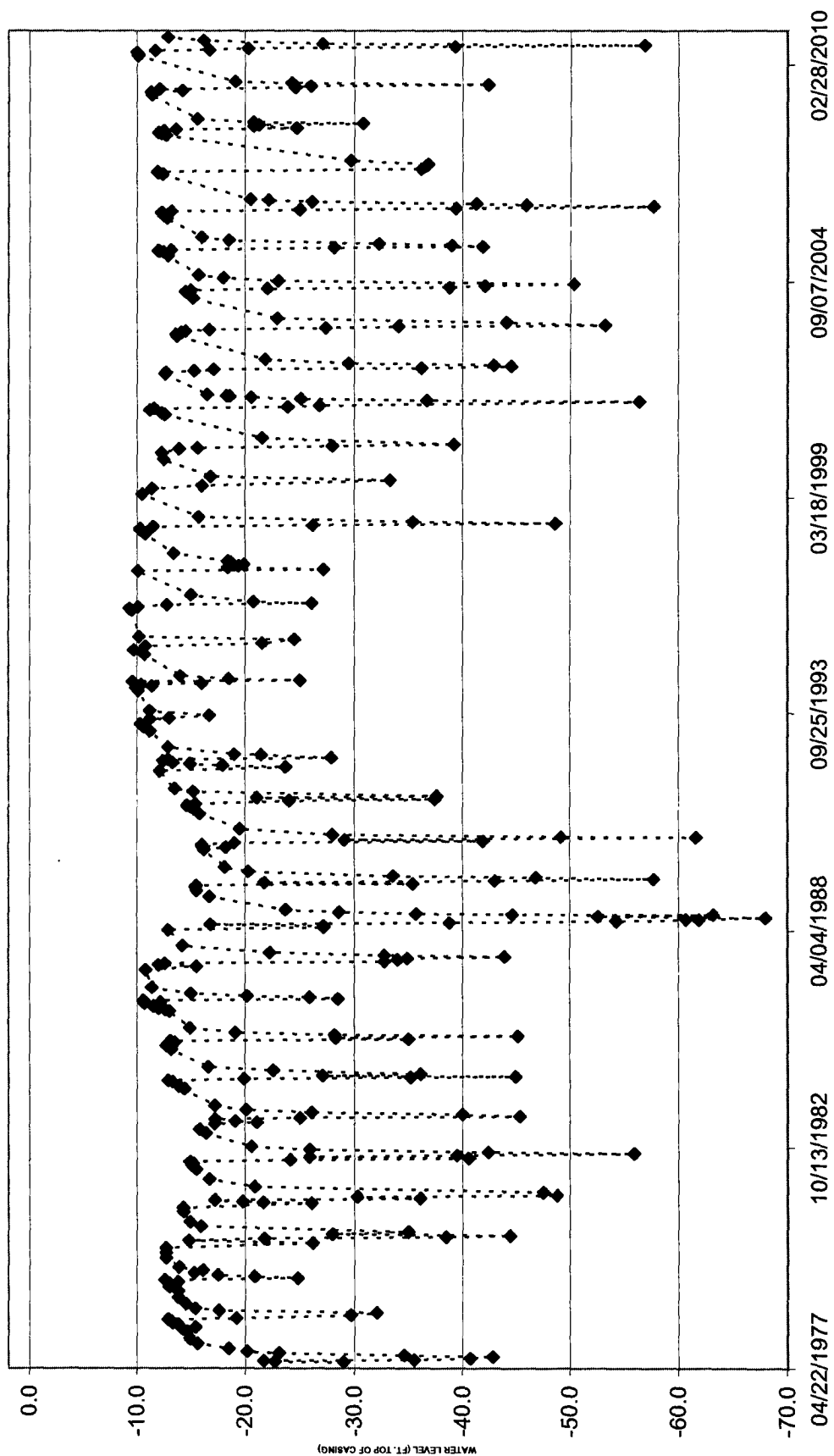
Hansen, D.S., 1990, Water Resources of Codington and Grant Counties, South Dakota, Water Resources Investigation Report 89-4147, USGS, Huron, SD, 57350.

Water Rights, 2001, Unpublished Observation Well Data for Codington and Grant Counties, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

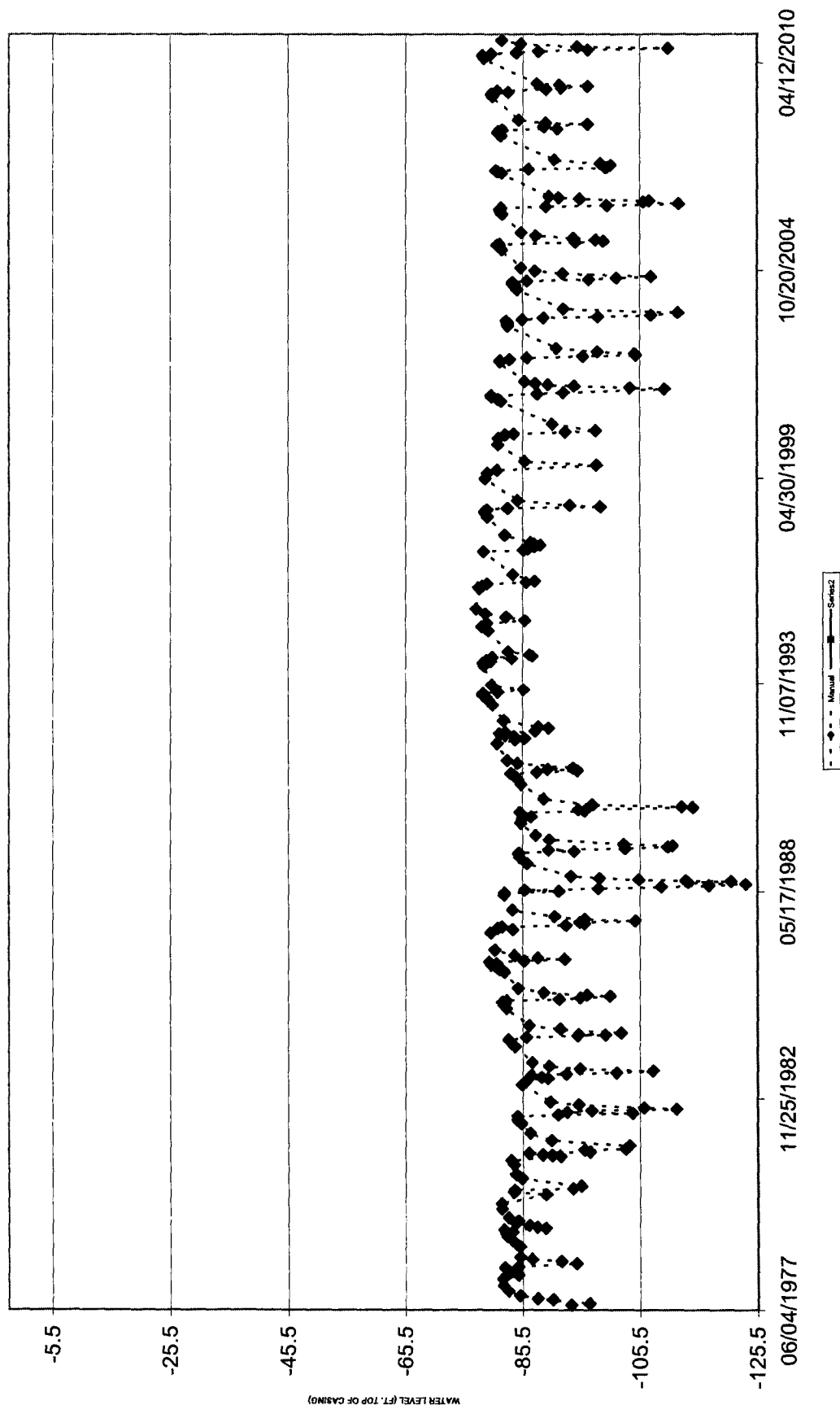
WATER RIGHTS' OBSERVATION WELL  
GT-76C



WATER RIGHTS' OBSERVATION WELL  
GT-76B



WATER RIGHTS' OBSERVATION WELL  
GT-77A



# Printer's Affidavit of Publication

RECEIVED

STATE OF SOUTH DAKOTA  
COUNTY OF GRANT

} ss.

JUN 24 2011

WATER RIGHTS  
PROGRAM

Pauline Hicks

of said County and State, being first duly sworn, on oath says that the Grant County Review is a legal weekly newspaper of general circulation, printed and published in Milbank, in said County of Grant and State of South Dakota, by Phyllis Justice, and has been such newspaper during the times hereinafter mentioned; that said newspaper is a legal newspaper; and that it has a bona fide circulation of more than two hundred copies weekly, and has been published within said County of Grant in the English language and has been admitted to the United States mail under second class mailing privilege, for at least one year next prior to the publication of the Notice herein mentioned, and has been printed wholly in an office maintained at the said place of publica-

tion, that I, the undersigned, Bookkeeper of said newspaper, in charge of the advertising department thereof, have personal knowledge of all the facts stated in this affidavit; that the advertisement headed Notice of Application No. 7242-3 to Appropriate Water

a printed copy of which, taken from the paper in which the same was published, is attached to this sheet and is made a part of this Affidavit, was published in said newspaper at least once each week for two successive weeks, on the day of each week on which the said newspaper was regularly published, to-wit:

|                |              |           |
|----------------|--------------|-----------|
| <u>June 8</u>  | <u>20 11</u> | <u>20</u> |
| <u>June 15</u> | <u>20 11</u> | <u>20</u> |
| <u>20</u>      |              | <u>20</u> |

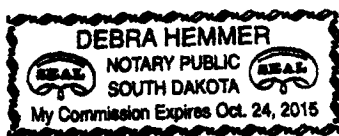
That \$ 43.63, being the full amount of the fee charged for the publication of said Notice, inures to the benefit of the publisher of the Grant County Review; that no agreement or understanding for the division thereof has been made with any person, and that no part has been agreed to be paid to any person whomsoever.

Pauline Hicks

Subscribed and sworn to before me this 23rd day of June 20 11

Debra Hemmer

Notary Public, Grant County, South Dakota



## NOTICE OF APPLICATION NO. 7242-3 TO APPROPRIATE WATER

Notice is given that Rollin J Morehouse, 8920 W 28th St, St. Louis Park MN 55426 has filed an application for a water permit to appropriate 4.29 cubic feet of water per second from four wells to be completed into the Prairie Coteau Aquifer (approximately 165 feet deep) located in E 1/2 SW 1/4, SE 1/4 NW 1/4 Section 11 for irrigation of 300 acres located in the SW 1/4, S 1/2 NW 1/4 Section 11 and E 1/2 SE 1/4, SE 1/4 NE 1/4 Section 10; all in T120N-R52W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7242-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on this application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre, SD 57501 (605-773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by June 27, 2011.

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 twice at an approximate cost of \$ 43.63  
June 8 June 15

Publication Fee \$ 43.63  
Notarial Fee \$             
Total \$ 43.63



DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

PMB 2020  
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PIERRE, SOUTH DAKOTA 57501-3182  
[www.state.sd.us/denr](http://www.state.sd.us/denr)

June 2, 2011

Grant County Review  
PO Box 390  
Milbank SD 57252

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 7242-3 to Appropriate Water to be published twice. Please publish the first notice on June 8, 2011 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 Rollin J Morehouse, 8920 W 28<sup>th</sup> St., St. Louis Park MN 55426 (Ph # 952-546-1003).

**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-----

No. 7242-3

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

Date \_\_\_\_\_

We are in receipt of your letter of June 2, 2011 enclosing Notice to Appropriate Water by Application No. 7242-3 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](http://www.state.sd.us/denr)

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

June 2, 2011

Rollin J Morehouse  
8920 W 28<sup>th</sup> St  
St Louis Park MN 55426

Dear Mr. Morehouse:

Water Permit Application No. 7242-3 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 Publisher of the Grant County Review printed at Milbank SD (Ph # 605-432-4516). You will need to contact the newspaper 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 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](mailto:eric.gronlund@state.sd.us)

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 first Notice on June 8, 2011 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 NO. 7242-3 to Appropriate Water

Notice is given that Rollin J Morehouse, 8920 W 28<sup>th</sup> St, St. Louis Park MN 55426 has filed an application for a water permit to appropriate 4.29 cubic feet of water per second from four wells to be completed into the Prairie Coteau Aquifer (approximately 165 feet deep) located in E ½ SW ¼, SE ¼ NW ¼ Section 11 for irrigation of 300 acres located in the SW ¼, S ½ NW ¼ Section 11 and E ½ SE ¼, SE ¼ NE ¼ Section 10; all in T120N-R52W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7242-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on this application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by June 27, 2011.

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 twice at the total approximate cost of \_\_\_\_\_.

RECEIVED

JUN 23 2011

WATER RIGHTS  
PROGRAM

June 22, 2011

To: Rollin J Morehouse, 8920 W 28<sup>th</sup> St, St Louis Park, MN 55426

To: Chief Engineer, Water Rights Program, Foss Building, 523 E Capitol,  
Pierre, SD 57501

I am writing to submit opposition to the application for a water permit No. 7242-3, Prairie Coteau Aquifer with legal description as stated I the Public Notice, Grant County Review, June 8, 2011.

My opposition to this is relative to the proximity of land I own and water availability. I also submit that the public has a right to fully understand the ramifications of this amount of deep ground water to the environment and the depleting of the Prairie Coteau Aquifer.

Sincerely,

A handwritten signature in cursive script that reads "Barbara J. Rude". The signature is written in dark ink and is positioned below the word "Sincerely,".

Barbara J. Rude, 46726 155<sup>th</sup> St. Stockholm, SD 57264



**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

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[www.state.sd.us/denr](http://www.state.sd.us/denr)

June 29, 2011

**NOTICE**

TO: Rollin Morehouse  
8920 W 28<sup>th</sup> Street  
St. Louis Park MN 55426

Barbara J. Rude  
46726 155<sup>th</sup> Street  
Stockholm SD 57264

FROM: Garland Erbele, Chief Engineer  
Water Rights Program

SUBJECT: Notice of Hearing on Water Permit Application No. 7242-3, Rollin J Morehouse

A petition opposing approval of Water Permit Application No. 7242-3 has been filed by the Barbara J Rude in response to the Notice of Application published in the Grant County Review. This notice schedules a hearing on the application before the South Dakota Water Management Board.

Application No. 7242-3 proposes to appropriate 4.29 cubic feet of water per second from four wells to be completed into the Prairie Coteau Aquifer (approximately 165 feet deep) located in E  $\frac{1}{2}$  SW  $\frac{1}{4}$ , SE  $\frac{1}{4}$  NW  $\frac{1}{4}$  Section 11 for irrigation of 300 acres located in the SW  $\frac{1}{4}$ , S  $\frac{1}{2}$  NW  $\frac{1}{4}$  Section 11 and E  $\frac{1}{2}$  SE  $\frac{1}{4}$ , SE  $\frac{1}{4}$  NE  $\frac{1}{4}$  Section 10; all in T120N-R52W.

The Water Management Board will conduct a hearing to consider Application No. 7242-3 at 10:30AM on Wednesday, October 5, 2011 in the Floyd Matthew Training Center, Joe Foss Building, 523 E. Capitol Avenue, Pierre SD. Future notice will be provided to all parties if there is a change to the hearing time or date. Pursuant to SDCL 46-2-9, 46-2-11, and 46-2A-23, the Board has legal authority and jurisdiction to conduct this hearing.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Permit No. 7242-3 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. The Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny the application based on the evidence presented at the public hearing.

The October 5, 2011, hearing date will be automatically delayed for at least 20 days upon written request to the Chief Engineer from the applicant or any party of record opposing the application. The request for an automatic delay must be filed by September 23, 2011.

This hearing may be an adversarial proceeding. Any party of record and/or the applicant have the right to be represented by a lawyer and may present evidence or cross-examine witnesses according to

SDCL 1-26. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law.

Enclosed is a copy of the report, recommendation, affidavit of publication and petition in the matter of Water Permit Application No. 7242-3. State law directs the Chief Engineer to provide Water Management Board members with a copy of all pleadings including petitions for each proceeding. This same information will be sent to the Board members in advance of the hearing. In addition, enclosed are two documents intended to acquaint parties with the hearing process entitled "Procedure for Hearings before the Water Management Board" and "Summary of South Dakota Water Laws and Rules". You are encouraged to review these documents prior to the hearing.

The application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-16; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15, 46-2A-23; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

Questions regarding the hearing process may be directed to Eric Gronlund, Water Rights Program at (605) 773-3352 or [eric.gronlund@state.sd.us](mailto:eric.gronlund@state.sd.us). In addition, please notify the Department of Environment and Natural Resources at least 48 hours before the hearing if you have a disability for which special arrangements must be made at the hearing.

c: Diane Best, Assistant Attorney General

NOTE: Since this matter does not involve a monetary controversy in excess of \$2,500.00 or termination of a property right in accordance with SDCL 1-26-18.3, the Chief Engineer has determined this contested case need not be referred to the Office of Hearing Examiners. If any party disagrees with this determination, the Chief Engineer shall be notified by September 23, 2011.

CERTIFICATION

I hereby certify that on June 29, 2011, I have personally deposited with the United States mail at Pierre, South Dakota, first class postage, prepaid envelopes containing a Notice of Hearing dated June 29, 2011, regarding scheduling the hearing for Water Right Permit Application No. 7242-3, as addressed below:

Rollin Morehouse  
8920 W 28<sup>th</sup> Street  
St. Louis Park MN 55426

Barbara J. Rude  
46726 155<sup>th</sup> Street  
Stockholm SD 57264

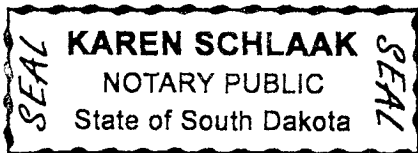
Diane Best, Assistant Attorney General  
300 N. Dakota Avenue, Suite 403  
Sioux Falls SD 57104

  
\_\_\_\_\_  
Gail Jacobson  
Water Rights Program, DENR

STATE OF SOUTH DAKOTA     )  
                                                  ) SS  
COUNTY OF HUGHES         )

Sworn to, before me, this 29<sup>th</sup> day of June, 2011.

  
\_\_\_\_\_  
Karen Schlaak  
Notary Public  
My Commission expires April 1, 2013



09-10-11

To: Chief Engineer, Water Rights Program  
Foss Building, 523 E. Capitol, Pierre,  
S.D. 57501

CC: Rollin J. Morehouse, 8920 W. 28<sup>th</sup> St.  
St. Louis Park, MN 55426

Regarding Application for water permit  
No. 7242-3, Prairie Coteau Aquifer  
described in Public Notice, Grant Co.  
Review, June 8, 2011:

I am withdrawing my opposition.  
I have spoken with Mr. Morehouse  
who assured me his request is  
for his personal use on his privately  
owned land and has no connection  
to rural water development projects.

In his recommendation for approval of  
this application, the Chief Engineer cites  
#4) it is in the public interest. This does  
not seem applicable to private irrigation  
however Mr. Morehouse assures me  
his is an individual project.

RECEIVED

SEP 14 2011

WATER RIGHTS  
PROGRAM

Sincerely -

Barbara J. Rude  
46726 155<sup>th</sup> St.  
Stockholm, S.D.



**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

PMB 2020  
JOE FOSS BUILDING  
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PIERRE, SOUTH DAKOTA 57501-3182  
[www.state.sd.us/denr](http://www.state.sd.us/denr)

September 19, 2011

**NOTICE**

TO: Rollin Morehouse  
8920 W 28<sup>th</sup> Street  
St. Louis Park MN 55426

Barbara J. Rude  
46726 155<sup>th</sup> Street  
Stockholm SD 57264

FROM: Garland Erbele, Chief Engineer  
Water Rights Program

SUBJECT: Withdrawal of Petition in Opposition to Water Permit Application No. 7242-3, Rollin J Morehouse

Mrs. Barbara Rude submitted a letter withdrawing the petition in opposition to Water Permit Application No. 7242-3. Therefore, the previously scheduled hearing before the Water Management Board on October 5<sup>th</sup> is cancelled. The Chief Engineer will issue the permit, as recommended, pursuant to the publication notice since the application is no longer contested.

If any party has a question regarding this matter, please contact Eric Gronlund at (605) 773-3352.

c: Diane Best, Assistant Attorney General

CERTIFICATION

I hereby certify that on September 19, 2011, I have personally deposited with the United States mail at Pierre, South Dakota, first class postage, prepaid envelopes containing a Notice dated September 19, 2011, regarding issuance of Water Right Permit No. 7242-3, as addressed below:

Rollin Morehouse  
8920 W 28<sup>th</sup> Street  
St. Louis Park MN 55426

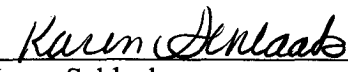
Barbara J. Rude  
46726 155<sup>th</sup> Street  
Stockholm SD 57264

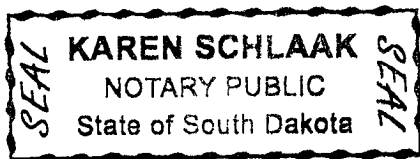
Diane Best, Assistant Attorney General  
317 N. Main  
Sioux Falls SD 57104-6004

  
\_\_\_\_\_  
Gail Jacobson  
Water Rights Program, DENR

STATE OF SOUTH DAKOTA     )  
                                          ) SS  
COUNTY OF HUGHES         )

Sworn to, before me, this 19<sup>th</sup> day of September, 2011.

  
\_\_\_\_\_  
Karen Schlaak  
Notary Public  
My Commission expires April 1, 2013





**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

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JOE FOSS BUILDING  
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[www.state.sd.us/denr](http://www.state.sd.us/denr)

DEC 16 2011

Rollin J Morehouse  
8920 W 28<sup>th</sup> St  
St Louis Park MN 55426

Dear Mr. Morehouse:

Enclosed is Water Permit No. 7242-3 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,

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

enclosures

7242-3

SD EForm - 1621LD V1

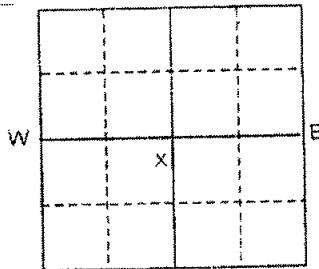
## SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location NE ¼ SW ¼ Sec 11 Twp 120 Rg 52

County Grant

North

Please mark well  
location with an "X"

Well Completion Date

October 1, 2014

1 Mile

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

## PROPOSED USE:

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

## METHOD OF DRILLING:

mud rotary

## CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

| PIPEWEIGHT | DIAMETER | FROM   | TO       | HOLE DIAMETER |
|------------|----------|--------|----------|---------------|
| LB/FT      | 12.00 IN | 0.0 FT | 125.0 FT | 17.50 IN      |
| LB/FT      | IN       | FT     | FT       | IN            |
| LB/FT      | IN       | FT     | FT       | IN            |

## GROUTING DATA:

| Grout Type    | No. of Sacks | Grout Weight | From    | To       |
|---------------|--------------|--------------|---------|----------|
| Red Flint San | 90           | Lb/gal       | 50.0 Ft | 155.0 Ft |
|               |              | Lb/gal       | Ft      | Ft       |

Describe grouting procedure  
Pressure Tremmie

## SCREEN:

☐ Perforated pipe ☒ Manufactured

Diameter 12.00 Inches Length 30.0 Feet

Material Stainless Steel

Slot Size 100 Set From 125.0 Feet to 155.0 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? Chlorine☐ No. Why Not?Lab to which water  
quality sample sent for analysis

Well Owner Rollin Morehouse

Business Name:

Address: 8920 W 28th St

City, State, Zip: St Louis Park MN 55426

## WELL LOG:

| FORMATION              | DEPTH |     |
|------------------------|-------|-----|
|                        | FROM  | TO  |
| Top Soil Blk           | 0     | 2   |
| Sand/Gravel Ylw Coarse | 2     | 20  |
| Clay Tan M             | 20    | 64  |
| Clay Tan/Gry M         | 64    | 103 |
| Sand Tan/Ylw 80slt     | 103   | 155 |
|                        |       |     |
|                        |       |     |
|                        |       |     |

## STATIC WATER LEVEL

16.8 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☐ Bailed☐ Other

Pumping Level Below Land Surface

45.6 Ft. After 6.5 Hrs. pumped 1,000.0 GPM

Ft. After Hrs. pumped GPM

If pump installed, pump rate: GPM

## REMARKS

45 11 17.1N  
97 08 01.8W

TH #3

RECEIVED

DEC 22 2014

WATER RIGHTS  
PROGRAMThis well was drilled under license # 463  
report is true and accurate.

Drilling firm: Steffi Drilling &amp; Pump Inc / Kris VanHeuveln

Signature of License Representative

Signature of Well Owner or Equitable Property Holder:

Rollin Morehouse

Date: 10/24/14

7242-3

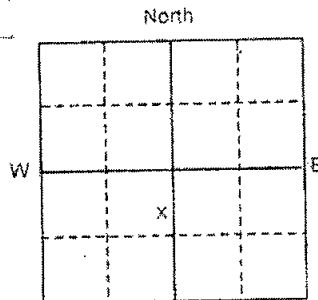
SD EForm - 1621LD V1

## SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location NE ¼ SW ¼ Sec 11 Twp 120 Rg 52

County Grant

Please mark well  
location with an "X"

Well Completion Date

October 10, 2014

1 Mile

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

## PROPOSED USE:

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

## METHOD OF DRILLING:

mud rotary

## CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

| PIPEWEIGHT | DIAMETER | FROM   | TO       | HOLE DIAMETER |
|------------|----------|--------|----------|---------------|
| LB/FT      | 12.00 IN | 0.0 FT | 129.0 FT | 17.50 IN      |
| LB/FT      | IN       | FT     | FT       | IN            |
| LB/FT      | IN       | FT     | FT       | IN            |

## GROUTING DATA:

| Grout Type  | No. of Sacks | Grout Weight | From     | To       |
|-------------|--------------|--------------|----------|----------|
| Quick Grout | 18           | Lb/gal       | 0.0 Ft   | 119.0 Ft |
| Red Flint   | 35           | Lb/gal       | 119.0 Ft | 149.0 Ft |

Describe grouting procedure

## SCREEN:

☐ Perforated pipe ☒ Manufactured

Diameter 12.00 Inches Length 20.0 Feet

Material Stainless Steel

Slot Size 100 Set From 129.0 Feet to 149.0 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? Chlorine☐ No, Why Not?Lab to which water  
quality sample sent for analysis

Well Owner: Rollin Morehouse

Business Name:

Address: 8920 W 28th St

City, State, Zip: St Louis Park MN 55426

## WELL LOG:

|             |         |          | DEPTH |     |
|-------------|---------|----------|-------|-----|
| FORMATION   |         |          | FROM  | TO  |
| Top Soil    | Brn     | M        | 0     | 5   |
| Sand/Gravel | Ylw     | Coarse   | 5     | 40  |
| Clay        | Ylw     | M-H      | 40    | 74  |
| Clay        | Ylw/Gry | H        | 74    | 104 |
| Sand        | Tan     | 18-40slt | 104   | 149 |
|             |         |          |       |     |
|             |         |          |       |     |
|             |         |          |       |     |

STATIC WATER LEVEL 19.4 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☐ Bailed☐ Other

Pumping Level Below Land Surface

63.6 Ft. After 6.8 Hrs. pumped 1,000.0 GPM

Ft. After Hrs. pumped GPM

If pump installed, pump rate: GPM

## REMARKS

45 11 09.4N

TH #4

97 08 02.2W

RECEIVED

DEC 22 2014

WATER RIGHTS  
PROGRAM

This well was drilled under license # 463

report is true and accurate

Drilling firm: Steffi Drilling &amp; Pump Inc / Kris VanHeuveln

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: 10/24/14

10-00-17

7242-3

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

RECEIVED

JUN 29 2015

WATER RIGHTS  
PROGRAMDate May 21, 2015TO: Water Rights Program, DENR  
523 E. Capitol  
Pierre, SD 57501-3181FROM: Rollin J. Morehouse  
(name)  
8920 West 28th Street  
(address)  
St. Louis Park, MN 55426 (952) 270-9333  
(city, state, zip) (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.

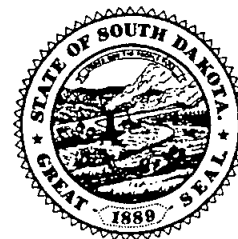
Water Permit No. 7242-3 states that the water use system is to be constructed by  
June 27, 2016, and water is to be put to beneficial use by June 27, 2020.  
(date) (date)

The water use system was completed on December 20, 2014.  
(date)

Applying the water to beneficial use was completed on May 15, 2015.  
(date)

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

Rollin J. Morehouse  
(signature)





DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE SOUTH DAKOTA 57501-3182  
<http://denr.sd.gov>

June 30, 2015

7242-3  
7243-3  
8063-3

Rollin J Morehouse  
8920 W 28<sup>th</sup> St  
St Louis Park MN 55426

Dear Mr. Morehouse:

I am writing to acknowledge receipt of the "Notice of Completion of Works" forms that you sent in to let us know that you are completed with your irrigation systems authorized under Water Permit Nos. 7242-3, 7243-3 and 8063-3.

The systems are now ready for inspection. Inspections are done on a county-by-county basis as staff time permits. You have done everything you need to do and the intervening time between the completion of the projects and the staff inspection has no bearing on your water permits.

Someone from our office will contact you prior to the inspection to set up a time that is convenient for you. If you have any questions, please contact me.

Sincerely,

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

**Permit No. 7242-3**  
**Big Sioux - Water District**

Contact Person & Address: **Rollin Morehouse, 8920 W 28<sup>th</sup> St, St Louis Park MN, 55426**

**Report of Examination of Works**

On, **August 29, 2016**, I made a thorough examination of the water use system constructed by **Rollin J. Morehouse** holder of Permit No. **7242-3**, bearing the priority of **April 1, 2011** authorizing the diversion of **4.29** cu. ft. per second of the waters of **ground water, Prairie Coteau Aquifer** for **irrigation** purposes, in **Grant** County.

The system is in the following condition **good**. **Diversion point No 1 (south well)** is located **from the SW corner of Sec 11 T120N-R52W(res); 2630 ft E and 1895 ft N** with latitude **45.18596** of and a longitude **-97.13398** and **Diversion point No 2 (north well)** is located **from the SW corner of Sec 11 T120N-R52W(res); 2635 ft E and 2635 ft N** with latitude **45.18803** of and a longitude **-97.13390** as determined using **GPS**. The works are capable of diverting and conveying to the place of use **4.0** cu. ft. per second of water which is to be used for **irrigation**. Water has been put to beneficial use to the maximum extent as follows:

**Land located in Sec 10 T120N-R52W(res)**

SE ¼ NE ¼ - 28 ac

NE ¼ SE ¼ - 40 ac

SE¼ SE¼ - 17 ac

**Land located in Sec 11 T120N-R52W(res)**

NW ¼ NW ¼ - 7 ac    NE ¼ NW ¼ - 1 ac    SE ¼ NW ¼ - 29 ac    SW ¼ NW ¼ - 40 ac

NW ¼ SW ¼ - 40 ac    NE ¼ SW ¼ - 39 ac    SE ¼ SW ¼ - 16 ac    SW ¼ SW ¼ - 30 ac

comprising a total of **287** acres of land and the license should be issued for **4.0** cfs.

**Review of Permit Qualifications and Regulations:**

- 1) Special qualifications to permit being abided by **yes**
- 2) All structures, wells and lands on map **yes**
- 3) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period **yes**.
- 4) Exceptions to compliance are: **none**

**Report On the Specifics of the System**

**DIVERSION POINT INFORMATION:**

**Well Information: Well No. 1 – (south well)**

- 1) Well Drilling Firm: **Steffl Drilling & Pump Inc**    2) No. of Wells **1**    3) Depth(s) **149** feet    4) Well log is available **yes**

**Casing:**

- 1) Diameter **12** inches    2) Length **129** feet    3) Type **plastic**

**Screen:**

- 1) Type **stainless**    2) Length **20** feet    3) Static water level **19.4** feet

**Pump:**

- 1) Make **Grundfos**    2) Model **submersible**    3) Capacity **900** GPM

**Motor:**

- 1) Make **Grundfos**    2) Model No. **submersible** 3) Horsepower rating **75** hp

**Well Information: Well No. 2 – (north well)**

- 1) Well Drilling Firm: Steffl Drilling & Pump Inc 2) No. of Wells 1 3) Depth(s) 155 feet 4) Well log is available yes

**Casing:**

- 1) Diameter 12 inches 2) Length 125 feet 3) Type plastic

**Screen:**

- 1) Type stainless 2) Length 30 feet 3) Static water level 16.8 feet

**Pump:**

- 1) Make Grundfos 2) Model submersible 3) Capacity 900 GPM

**Motor:**

- 1) Make Grundfos 2) Model No. submersible 3) Horsepower rating 75 hp

**DISTRIBUTION LINES OR CANALS:**

- 1) Type PVC 2) Size 10 inches 3) Length 2640 feet

**SYSTEM TYPE:**

**Center pivot:**

- 1) Make Valley 2) Overall length 1980 feet  
3) Number of towers 11 4) End gun yes  
5) High or low pressure lo 6) Capacity 1800 GPM

**CHEMIGATION EQUIPMENT:**

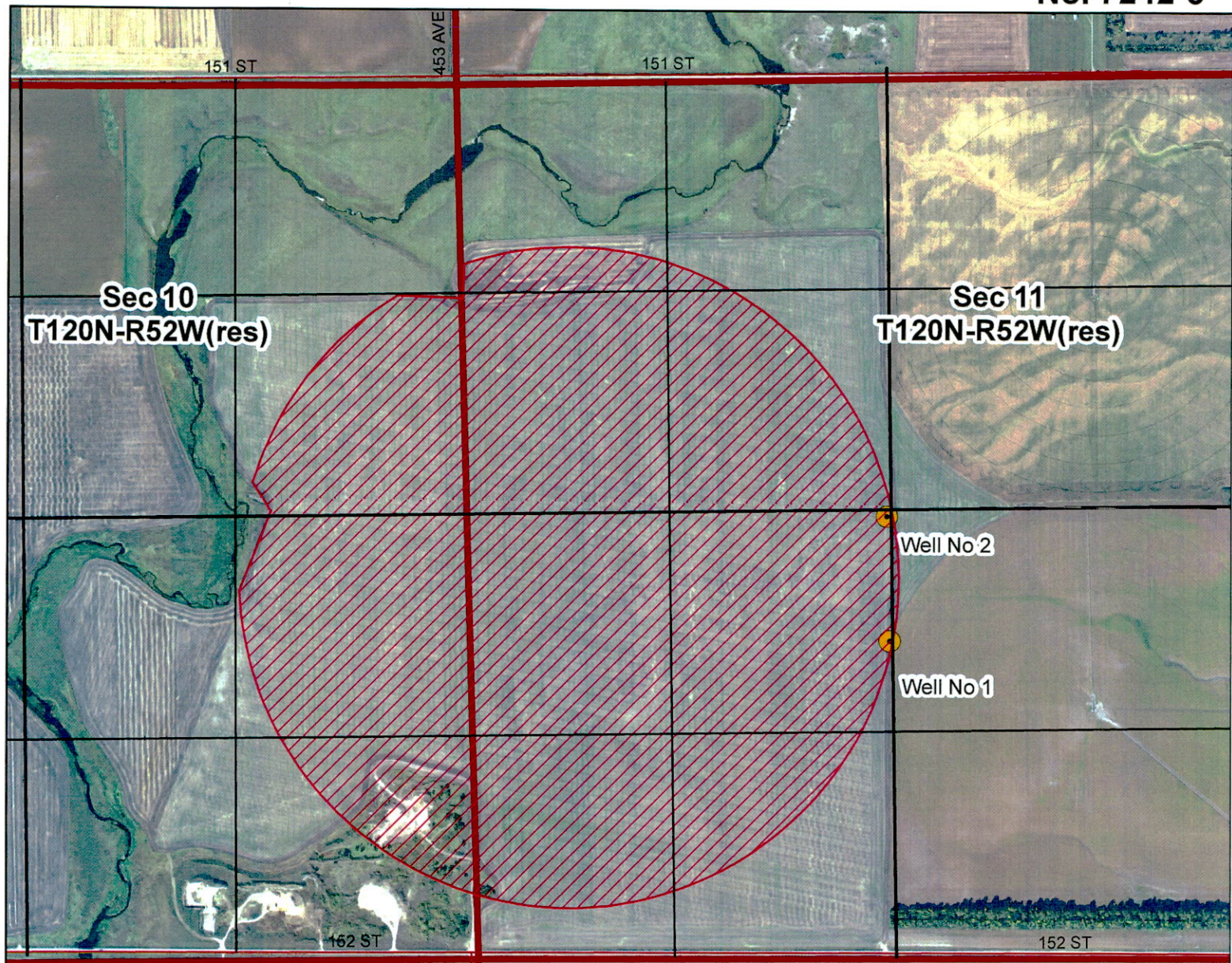
- 1) Does chemigate no

**Comments:** none



November 30, 2016

Mark D. Rath  
Natural Resources Engineer III  
DENR, Water Rights Program

**Well Locations**

**Diversion Point 1 - Well No. 1**  
 From SW corner of Sec 11 T120N-R52W(res)  
 2630 ft E and 1895 ft N  
 Latitude 45.18596 Longitude - 97.13398

**Diversion Point 2 - Well No. 2**  
 From SW corner of Sec 11 T120N-R52W(res)  
 2635 ft E and 2635 ft N  
 Latitude 45.18803 Longitude - 97.13390

**Irrigation**

**Land located in Sec 10 T120N-R52W(res)**  
 SE  $\frac{1}{4}$  NE  $\frac{1}{4}$  - 28 ac  $\square$  NE  $\frac{1}{4}$  SE  $\frac{1}{4}$  - 40 ac  
 SE  $\frac{1}{4}$  SE  $\frac{1}{4}$  - 17 ac

**Land located in Sec 11 T120N-R52W(res)**  
 NW  $\frac{1}{4}$  NW  $\frac{1}{4}$  - 7 ac NE  $\frac{1}{4}$  NW  $\frac{1}{4}$  - 1 ac  $\square$   
 SE  $\frac{1}{4}$  NW  $\frac{1}{4}$  - 29 ac SW  $\frac{1}{4}$  NW  $\frac{1}{4}$  - 40 ac  
 NW  $\frac{1}{4}$  SW  $\frac{1}{4}$  - 40 ac NE  $\frac{1}{4}$  SW  $\frac{1}{4}$  - 39 ac  
 SE  $\frac{1}{4}$  SW  $\frac{1}{4}$  - 16 ac SW  $\frac{1}{4}$  SW  $\frac{1}{4}$  - 30 ac



0 425 850 1,700 2,550 3,400 Feet

*Mark D Rath*  
 Mark D Rath  
 Natural Resources Engineer  
 SD DENR - Water Rights  
 11-17-2016



7242-3  
DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

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

denr.sd.gov

FEB 06 2017

7242-3

7243-3

8063-3

Rollin J Morehouse  
8920 W 28<sup>th</sup> St  
St Louis Park MN 55425

Dear Mr. Morehouse:

Enclosed are Water License Nos. 7242-3, 7243-3 and 8063-3. This is the final water right document completing your process of obtaining a Water Right. Also, included with your licenses are maps prepared by the staff engineer who conducted the investigations.

For your information SDCL 46-6-27 requires that if the owner of any existing wells, such as the wells authorized by Water Right Nos. 7242-3, 7243-3 and 8063-3, constructs replacement wells and does not plan to use the old wells, the old wells are considered abandoned and must be plugged. Also, any wells that are being used or are 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.

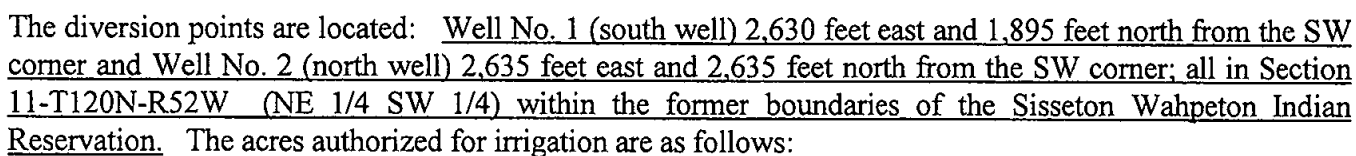
As long as you use the water beneficially, as stated in the Water Licenses, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

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

enclosures

**WATER LICENSE NO. 7242-3**



7242-3



DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES

JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE SOUTH DAKOTA 57501-3182  
<http://denr.sd.gov>

October 25, 2017

7242-3  
7243-3  
8063-3

Rollin J Morehouse  
327 Jack Nicklaus Dr  
Austin TX 78738-1714

Dear Mr. Morehouse:

Enclosed is a "Notice" dated October 20, 2017 concerning the 2017 irrigation questionnaires.

The notice was originally mailed to 8920 W 28<sup>th</sup> St, St Louis Park, MN. The post office notified us that your address has changed and I will update our records accordingly.

If you have any questions, please contact me.

Sincerely,

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

enclosures

7242-3

**RECEIPT****WATER RIGHTS PROGRAM**

South Dakota Department of Environment and Natural Resources

Date August 10, 2020RECEIVED OF Rollin J Morehouse/Morehouse Farms 327 Jack Nicklaus Drive Austin TX 78738

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

|                                                                                                                |         |
|----------------------------------------------------------------------------------------------------------------|---------|
| Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use | \$      |
| Fee for Application for Permit No. _____ to Appropriate Water for Future use                                   | \$      |
| Fee to retain Future Use Permit No. _____ after period of seven years.                                         | \$      |
| Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____            | \$      |
| Fee for Filing Transfer Form <u>7242-3</u>                                                                     | \$50.00 |
| Fee for _____                                                                                                  | \$      |
| Fee for Issuing New Well Driller's License No. _____                                                           | \$      |
| Fee for Renewal of Well Driller's License No. _____                                                            | \$      |
| Fee for Issuing Well Pump Installer's License No. _____                                                        | \$      |
| Fee for Renewal of Well Pump Installer's License No. _____                                                     | \$      |
| (Any Other Work Provided by Law) TOTAL                                                                         | \$50.00 |

By Eric Gronlund  
 Chief Engineer vm

PAID

AUG 10 2020

SD EForm - 0495LD V2

NOTICE OF TRANSFER OF OWNERSHIP

For assistance call (605) 773-3352

Ck# 5493

Mail to: ~~PMB-2020~~

DENR - Water Rights Program  
523 E Capitol Ave  
Pierre, SD 57501-3182

AUG 10 2020

WATER RIGHTS  
PROGRAM

Water Right/Permit No. 7242-3

Date: August 6, 2020

I/We request that Water Right/Permit No. 7242-3 formerly owned by:

Rollin J. Morehouse

be transferred to:

New Owner Name:

Rollin Jay Morehouse & Co-Trustees of the Morehouse Family Trust  
Maureen Brandes Morehouse,

Address:

327 Jack Nicklaus Drive

City, State, Zip

Austin

TX

78738

Telephone No. (952) 270-9333

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

See attached Warranty Deed and Certificate of Trust

☒ I understand that the validity of Water Right/Permit No. 7242-3 has not been determined by this transfer action. If I have any questions on validity, I understand that only the Water Management Board has the authority to determine if a water right/permit is valid (see note below.)

You are requested to file this "Notice of Transfer" in the appropriate file with the Water Rights Program, as evidence of the change of ownership.

A fee of Fifty Dollars (\$50.00) is included to cover the filing fee as required by SDCL 46-2-13.

I, see above, the new owner, certify that the above information is true and correct.

Rollin Jay Morehouse, Trustee  
(signed by new owner)

**NOTE:** Water permits may be cancelled for nonconstruction after the five year construction period has expired. Once a water permit is developed and the water used, the permit becomes a right. A water right may be lost for three reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three year period without legal excuse.
3. For a third violation of a condition of a water permit/right.

Prepared by:  
STEVEN J. BRITZMAN  
Attorney at Law  
521 Sixth Street, Suite 104  
Brookings, South Dakota 57006  
(605) 697-9058

Filed in - Grant County, Milbank, SD  
Recorded on 7/7/2020 8:15 AM  
Transaction # 1013978

Document # 239333  
Book 122  
Page 633 (1 page)

Trans. Fee, Exempt  
Rec. Fee \$30.00

*Rebecca S Wellnitz by Vick K Kelly Dep.*  
Rebecca Wellnitz, Register of Deeds.

Return To:  
STEVEN J BRITZMAN  
521 SIXTH STREET SUITE 104  
BROOKINGS, SD 57006

## WARRANTY DEED

ROLLIN J. MOREHOUSE, a married person, Grantor, of the County of Travis, State of Texas, for and in consideration of One (\$1.00) Dollar and other consideration, grants, conveys and warrants to

ROLLIN J. MOREHOUSE, aka. Rollin Jay Morehouse, and MAUREEN B. MOREHOUSE, aka. Maureen Brandes Morehouse, Co-Trustees of the Morehouse Family Trust,

Grantee, of 327 Jack Nicklaus Drive, Austin, Texas 78738, the following described real estate in the County of Grant, State of South Dakota:

The Southeast Quarter (SE $\frac{1}{4}$ ) and the South One-half of the Northeast Quarter (S $\frac{1}{2}$ NE $\frac{1}{4}$ ) of Section Ten (10); and the Southwest Quarter (SW $\frac{1}{4}$ ) and the Northwest Quarter (NW $\frac{1}{4}$ ), Except the North Fifty-eight (58) Rods of said Northwest Quarter (NW $\frac{1}{4}$ ), of Section Eleven (11), All in Township One Hundred Twenty (120) North, Range Fifty-two (52) West of the 5<sup>th</sup> P.M., County of Grant, State of South Dakota. All in the Former Sisseton Wahpeton Indian Reservation. (sjb)

REMARKS: Grantor does hereby certify that the above-described real estate is not claimed, occupied or possessed as a homestead, nor has the same ever been claimed, occupied or possessed as a homestead by Grantor or by any member of Grantor's family.

Dated this 24 day of June, 2020.

Exempt from Transfer Fee  
per SDCL 43-4-22 (18)

STATE OF MINNESOTA )

) ss

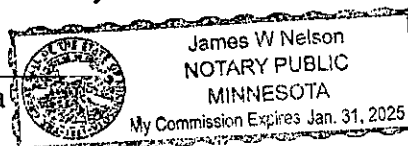
County of Crow Wing )

*Rollin J. Morehouse*  
Rollin J. Morehouse

On this the 24 day of June, 2020, before me, James W. Nelson, the undersigned officer, personally appeared Rollin J. Morehouse, a married person, known to me or satisfactorily proven to be the person whose name is subscribed to the within instrument and acknowledged that he executed the same for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.

*James W. Nelson*  
Notary Public, State of Minnesota  
My Commission expires



## CERTIFICATE OF TRUST

1. **Trust Name.** The following trust (referred to herein as the "Trust") is the subject of this Certificate: The "MOREHOUSE FAMILY TRUST" which was created by Agreement dated June 24, 2020 ("Trust Agreement").
2. **Legal Trust Name.** The full legal name of the Trust for purposes of transferring assets into the Trust, holding title of assets, and conducting business for and on behalf of the Trust, is as follows: Rollin Jay Morehouse and Maureen Brandes Morehouse, Co-Trustees of the MOREHOUSE FAMILY TRUST.
3. **Tax ID Number.** The tax ID number for the MOREHOUSE FAMILY TRUST is the social security number of a Settlor.
4. **Settlors.** The Settlers of this Trust are Rollin Jay Morehouse and Maureen Brandes Morehouse.
5. **Currently Acting Trustee.** The name and address of the current Co-Trustees of the MOREHOUSE FAMILY TRUST are as follows: Rollin Jay Morehouse, 327 Jack Nicklaus Drive, Austin, Texas 78738, and Maureen Brandes Morehouse, 327 Jack Nicklaus Drive, Austin, Texas 78738.
6. **Multiple Trustees.** If three or more trustees are serving the Trust, any vote or action requiring the affirmative consent of multiple trustees will be exercised by a majority of the co-trustees. If the Trust is served by two trustees, unanimous consent or affirmative action is required. Multiple trustees may delegate among themselves administrative and ministerial duties of the Trust such as signing tax returns or matters with regard to transactions with banking or brokerage accounts. If two or more trustees are serving the Trust, the remaining trustee or trustees will continue to serve the Trust if any trustee serving ceases to serve as trustee for any reason.
7. **Trust In Effect.** The Trust is currently in full force and effect. The Trust is revocable, the Trust has not been revoked, and the Trust Agreement has not been modified or amended in any manner that would cause the representations contained in this Certificate of Trust to be incorrect.
8. **Homestead Reservation.** The Settlers or beneficiaries of the Trust have the right to use and occupy real or personal property owned by the Trust as the Settlers' or beneficiary's principal residence, rent free and without charge for life or until the Trust is revoked or terminated, whichever occurs first. Further, any such property (or any interest therein) shall be acquired by an instrument of title that describes the property with sufficient certainty to identify it and the interest acquired, and the instrument shall be recorded in the real property records of the county in which the property is located. This provision shall be construed in accordance with the Settlers' intentions that all eligible real or personal property which is owned by the Trust qualify for the homestead exemption and the Trust which owns such property is a "qualifying trust" as defined and described in Section 11.13(j) of the Texas Tax Code, and if applicable, Section 41.0021 of the Texas Property Code.
9. **Powers of Trustee.** All powers of the Trustees are fully set forth as Exhibit A.
10. **Hold Harmless.** No person or entity paying money to or delivering property to any Trustee shall be required to see to its application. All persons relying on this Certificate of Trust regarding the Trustees and the Trustees' powers over the property of the Trust shall be held harmless for any resulting loss or liability from such reliance.
11. **Third Party Reliance.** Any third party to whom this Certificate of Trust is presented may rely upon an affidavit by the then serving Trustees stating that such Trustees are, in fact, the active Trustees for the Trust. No third party acting in reliance upon this Certificate of Trust or such affidavit shall be

liable for any losses, damages, or claims caused by compliance with any action requested by the Trustees.

**12. Validity of Copies of This Certificate.** A copy of this Certificate of Trust shall be just as valid as the original.

IN WITNESS WHEREOF, the Trustees have signed this Certificate of Trust, effective the day and year first above written and executed by the Trustees on the date set forth below.

Dated to be effective June 24, 2020.

Rollin Jay Morehouse, Trustee  
Rollin Jay Morehouse, Co-Trustee

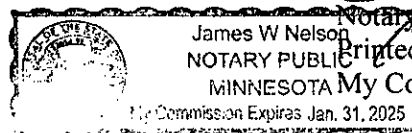
Maureen Brandes Morehouse, Trustee  
Maureen Brandes Morehouse, Co-Trustee

State of Minnesota  
County of Crow Wing

I HEREBY CERTIFY that on June 24, 2020, before me personally appeared Rollin Jay Morehouse, as Co-Trustee, and, being authorized to do so, acknowledged that the foregoing instrument was signed by Rollin Jay Morehouse, as Co-Trustees, for the purposes therein contained.

WITNESS my hand and notarial seal.

Dated: June 24, 2020.



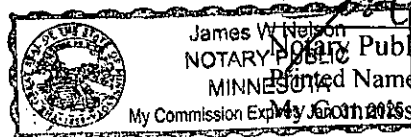
[Signature]  
Notary Public, State of Minnesota  
Printed Name: \_\_\_\_\_  
My Commission Expires: \_\_\_\_\_

State of Minnesota  
County of Crow Wing

I HEREBY CERTIFY that on June 24, 2020, before me personally appeared Maureen Brandes Morehouse, as Co-Trustee, and, being authorized to do so, acknowledged that the foregoing instrument was signed by Maureen Brandes Morehouse, as Co-Trustee, for the purposes therein contained.

WITNESS my hand and notarial seal.

Dated: June 24, 2020.



[Signature]  
Notary Public, State of Minnesota  
Printed Name: \_\_\_\_\_  
My Commission Expires: \_\_\_\_\_

7242-3



**DENR**  
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE, SOUTH DAKOTA 57501-3182  
[denr.sd.gov](http://denr.sd.gov)

August 10, 2020

7242-3

7243-3

8063-3

Rollin J Morehouse  
327 Jack Nicklaus Dr  
Austin TX 78738

Dear Mr. Morehouse:

I am writing to acknowledge receipt of the transfer forms and filing fees you submitted for Water Right Nos. 7242-3, 7243-3 and 8063-3.

The ownership changes have been completed. Nos. 7242-3, 7243-3 and 8063-3 formerly listed under Rollin J Morehouse are now listed as follows:

- **Rollin Jay Morehouse and Maureen Brandes Morehouse, Co-Trustees of the Morehouse Family Trust**

The receipts for the filing fees you paid are enclosed. If I can answer any questions for you, please let me know.

Sincerely,

A handwritten signature in cursive script, appearing to read "Genny McMath".

Genny McMath  
Water Rights Program  
605 773-3352  
[Genny.mcmath@state.sd.us](mailto:Genny.mcmath@state.sd.us)

enclosures



7242-3

**DEPARTMENT of AGRICULTURE  
and NATURAL RESOURCES**

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

October 26, 2021

7242-3

7243-3

8063-3

Rollin & Maureen Morehouse  
Morehouse Family Trust  
PO Box 222  
Deerwood MN 56444 0222

Dear Mr. & Mrs. Morehouse:

Enclosed is a "Notice" dated October 22, 2021 concerning the 2021 irrigation questionnaires.

The notice was originally mailed to 327 Jack Nicklaus Dr., Austin TX. The post office notified us that your address has changed, and I will update our records accordingly.

If you have any questions, please contact me.

Sincerely,

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

enclosures