

1. Considered 5.27 1981
2. Name of Applicant TOM MCGILL
3. Post Office Address ROCK VALLEY, IOWA
4. Amount of Water Claimed 3.8
5. Source of Water Supply 2-84' DEEP WELLS
6. Water to be used for IRRIGATION
7. Acres to be irrigated 266 maximum acre feet
8. Water to be diverted and used in BROOKINGS County
about 1E, 1 miles SOUTH of ELKTON
9. PROOF OF PUBLICATION Received 5-22-81

Not Received _____

APPLICATION

Approved 5/27/81Subject to 5/27/81

Not Approved _____

Action deferred _____

Priority

Date

Received

5-6-81

Application Complete yes

no ✓

FEE

Remarks

NEED \$200.00 FEE

Date information and/or

fee or corrected Application received

5-13-81

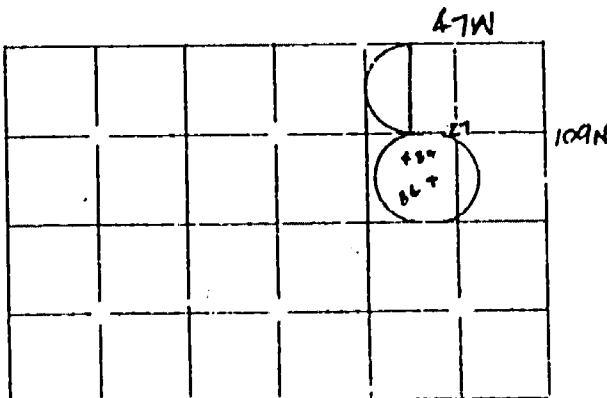
Period of Annual use

APRIL THRU OCTOBERWATER
QUALITYReceived yes 5-8-81 toAPPROVED CONDITIONAL (Circle one)WI-1 Description same as application yes ✓ no

Remarks

Disapproved _____

Returned _____

Diversion Point NW¹SW¹ &SE¹SW¹, SEC 27, T109N, R47WLands to be Irrigated W²NW²,SW² & W²SE², SEC.27, T109N, R47WWELL
LOG

Remarks _____

Driller

GRIMSHAW

Licensed yes

✓

no

Depth

84' & 84'

MAP Map No. 3974-3 Map located in Water Right ☒ Map file _____
 Type of Map AERIAL PHOTO Prepared by WIERSMA

+++++

REVIEWED This Application was reviewed within 30 days of date received, accepted as complete, Number assigned and written up for advertisement before the Board on May 13, 1981.

 (Signed)

+++++

PROTESTS Letters/Petitions in File - yes _____ no _____ Remarks _____

REMARKS Date
 F.F. & C Final Decision, including F.F. & C of Law were adopted _____
 OF LAW, Date
 FINAL Final Decision mailed to parties and/or parties notified that Final Decision
 DECISIONS was adopted _____
 ETC. Remarks _____

No. 4763-3Map No. 3974-3 Water Division No. 3 Big Sioux River District
Above for Office Use

APPLICATION FOR PERMIT To Appropriate Water within the State of South Dakota

Check one of the following:

New ☒ Vested Right _____ Future Use _____

Change in Diversion _____ Additional Diversion _____

Change in Acreage _____ Additional Acreage _____

1. Name of Applicant Tom McGill Phone No. _____
 Post Office Address Rock Valley State Iowa 51247
 (Street, RR, or Box) (Town) (Zip Code)
 If a corporation show date and place of incorporation _____

2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract & Direct Labor3. Name of diversion work Tom McGill Irrigation Project #14. Amount of water claimed (cubic feet per second) 3.85. Source of water supply 2 wells6. Location of point of diversion #1 - 2175' N 30° E; #2 - 2300' N 30° E; both
at the SW corner Section 27-109-47County Breckinridge7. Annual period or periods during which water is to be used April through October8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation9. For irrigation use, Total number of acres to be irrigated 266

List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

Land Description	No. Acres Irr.
NW ¹ of NW ¹ Sec 27-109-47	38
SW ¹ of NW ¹ " " " "	39
NE ¹ of SW ¹ " " " "	39
SE ¹ of SW ¹ " " " "	40

Land Description	No. Acres Irr.
SW ¹ of SW ¹ Sec 27-109-47	38
SE ¹ of SW ¹ " " " "	39
NW ¹ of SE ¹ " " " "	17
SW ¹ of SE ¹ " " " "	16

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 5 years. Additional time required to complete application of water to the proposed beneficial use 3 years.11. Choice of county newspaper for publication of Notice of Intent to Appropriate Water Breckinridge Register

12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source.

2 wells with turbine pumps

B. Works proposed to transport water to place of use.

closed conduit

C. Works proposed to apply water to beneficial use.

center pivot irrigation machineEstimated Total Cost \$70,000

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map. (see instructions concerning preparation.)

STATE OF SOUTH DAKOTA)
(County of Brecks) ss.I, Tom McGill the applicant, certify that I have read the foregoing application and have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary construction.Signed Tom McGillSubscribed and sworn to before me this 5 day of May, 1981John S. Lawrence
Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Management Board hereby approves Water Right Application No. 4763-3

TOM MCGILL Rock Valley
(Applicant) (Post Office Address)
IOWA 51247 With the following qualifications
(State)

The irrigation wells approved under this Permit will be located near domestic wells and other irrigation wells which may obtain water from the same aquifer. The irrigation well owner, under this Permit, shall control his irrigation withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in irrigation wells having prior water rights.

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

Date of first receipt of application May 6, 19 81
Date of return to applicant for correction, amendments or changes required _____, 19____
Date of receipt of corrected application May 8, 19 81
Approved May 27, 19 81, Recorded in Book 22 Page 213

WATER RIGHT PERMIT NO. 4763-3

The Water Management Board hereby grants and issues this Water Right Permit No. 4763-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as qualified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is May 6, 19 81
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before November 27, 19 83
3. The whole of said work is to be completed on or before May 27, 19 86
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is May 27, 19 89
5. The water appropriated shall be used for the purpose of IRRIGATION

6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.

7. The amount of the appropriation herein granted shall not exceed 3.8 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and if for irrigation purposes said appropriation must be limited to not more than 2 acre feet per acre per year and be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied

for irrigation on or before May 27, 19 89; said water to be used during the following described annual period: April thru October

Witness my hand this 8th day of June, 19 81

THE WATER MANAGEMENT BOARD

By John Hatch
Chief Engineer, Water Rights JOHN HATCH

Certificate of Construction Issued _____, 19____

Water License Issued _____, 19____

GRIMSHAW DRILLING CO.

P.O. BOX 81
CHESTER, S.D. 57016

LARRY WOLD
(605) 489-2182

DRILLING
LOG

JAY VAN LIERE
(605) 489-2427

Name Tom McGill ~~McGill~~ Date 4-24-81

Address Rock Valley, Ia.

County Brookings Sec. 27 Twp. 109 Range 42

NO. FT.	DIA.	RATE	CASING	TOTAL
90'	4 3/4"	3.50	—	315.00

BALANCE DUE:

0 ft. to 2 ft. Topsoil
2 ft. to 7 ft. Brown clay
7 ft. to 16 ft. Red + Brown dry gravel
16 ft. to 22 ft. Brown clay
22 ft. to 32 ft. Brown sand + gravel
32 ft. to 42 ft. Blue clay
42 ft. to 84 ft. Fine to Medium Grey sand
84 ft. to 90 ft. Blue clay
 ft. to ft.

STATIC WATER LEVEL ft. Sandy M. Wold

REMARKS: Suggest 15'-20' of stainless steel
0.010" slot screen — production well should
yield 600 - 1000 gpm.

GRIMSHAW DRILLING CO.

P.O. BOX 81
CHESTER, S.D. 57016

LARRY WOLD
(605) 482-2182

DRILLING
LOG

JAY VAN LIERE
(605) 489-2427

#2 Name Tom McGill Date 4-24-81

Address Rock Valley Ia.

County BROOKINGS Sec. 27 Twp 109 Range 47

NO. FT.	DIA.	RATE	CASING	TOTAL
90'	4 3/4"	\$3.50	—	\$315.00

BALANCE DUE:

0 ft. to 2 ft. Topsoil
2 ft. to 7 ft. Brown clay
7 ft. to 16 ft. Red + Brown dry gravel
16 ft. to 22 ft. Brown clay
22 ft. to 32 ft. Brown sand + gravel
32 ft. to 42 ft. Blue clay
42 ft. to 84 ft. FINE to Medium Grey sand
84 ft. to 98 ft. Blue clay
____ ft. to ____ ft. _____

STATIC WATER LEVEL _____ ft. Sandy M. Wolf

REMARKS: Suggest 15'-20' of stainless steel
2070" slot screen — production well should
yield 600-1000 gpm.

2 nearly identical wells

D Well Information

(1) Drill Hole, Diameter 24", Depth 84'
 (2) Casing, Type PVC, Diameter 14", Thickness 3/8"
 (wood, concrete, steel, etc)
 (3) Screen, Type Centrifugal, Diameter 14", Length 20'
 (4) Gravel Pack, Thickness 4", Length of gravel pack 50'

E Dugout Information or Estimates

(1) Surface dimensions, _____, Depth _____

F Fill out for Either a Well or a Dugout

(1) Water Bearing Materials. (Attach a copy of test well log)

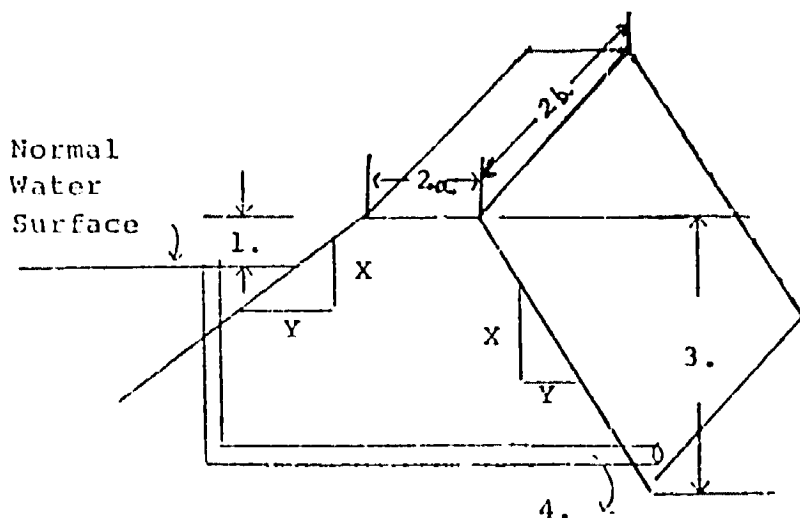
Depth to top of water bearing material 42'
84'
 Depth to bottom of water bearing material 84'
40'
 Depth to water (ground surface to water level) 21'

(2) Distance to nearest existing household or livestock watering well.

On same owner's property No Supply rds
120'
 On property owned by others 2-9d rds.

G Water Storage Dams

If the proposed water use system contains one or more water storage dams, please show in the space below, the height, length, maximum water depth, surface area, drainage area, storage capacity, dam slope, dimensions, location and size of outlet works, of each storage dam. The location of each water storage dam should be shown on the water right map.



1. Freeboard _____
- 2a Crest width _____ b. length _____
3. Height of Dam _____
4. Outlet dimensions:
 Pipe diameter _____
 Spillway width _____
- X & Y slope:
 Upstream _____
 Downstream _____
- Surface area of impoundment _____
- Drainage area above dam _____

STATE WATER COMPATIBILITY APPLICATION FORM

STATE CONSERVATION COMMISSION
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE

OWNERS NAME: Tom McGill OWNERS ADDRESS: Rock Sailer, Pierre 2883-BG
COUNTY LAND LOCATED IN: Brookings PHONE: 51247
TENANT'S NAME AND ADDRESS: (IF Other Than Owner) Larry S. Houghton
Pickton South Dakota

In accordance with State Law SDCL 46-5-6.5, if a water right is granted with a conditional permit (Soil/Water Compatibility), a copy of such conditional permit must be filed with the County Register of Deeds.
This action must be taken by the holder of a water right within 6 months of receipt of such water right.

LEGAL DESCRIPTION: (Show Legal Description to Nearest 10 Acres.)

1. WELL LOCATION OR DIVERSION POINT: #1 center of SW 1/4 Sec 27 - 109-47 N 1/2 - 700' NW of Sec 1
2. SURFACE WATER SOURCE —
3. LOCATION OF AREA TO BE IRRIGATED: West 70 acres of NW 1/4 & SW 1/4 of Sec 27 - 109-47
4. INDICATE NON-IRRIGATED AREAS AND (APPROX.) ACRES ON MAP: (Farmstead, shelterbelts, wetlands, etc.) W 1/2 Sec 27, 17 ac, S 1/2 Sec 27, 16 ac, within T10N-R47

TYPE OF IRRIGATION: (Show approximate acres under each type of system)

5. GRAVITY — TOWLINE — CENTER PIVOT ☒ GUN — OTHER (Specify) —
6. CROPS TO BE IRRIGATED Corn & alfalfa
7. SHOW ANY PORTION OF LAND THAT PRESENTLY HOLDS AN IRRIGATION PERMIT: YEAR OBTAINED: —
LAND: —
IN WHAT NAME: —

WATER QUALITY: (TO BE COMPLETED BY SDSU WATER QUALITY LABORATORY)

8. SAMPLE NUMBER: 81-427 81-128
9. SALINITY (EC X 10⁶) 700
10. SODIUM (SAR) 0.50 ADJUSTED (SAR) 1.29

RECEIVED

MAY 06 1981

South Dakota
Division of Conservation

I hereby certify that I personally obtained or that I personally observed the taking of a sample of the water to be used in irrigating the above-described land. I also hereby certify that the required procedures for the taking of the sample (see back) were followed, and that the sample was taken at 4 A.M. on April 29, 1981, at the following location: at well site by applicant (individual who took sample if other than applicant). I also hereby certify that the water sample taken has NOT been adulterated or tampered with in any manner, and is TRULY REPRESENTATIVE of the water which will be used in irrigating the above-described land.

I also hereby certify that a chemical analysis of the irrigation water representative of that used to irrigate shall be acquired from South Dakota State University and the soils information has been acquired from Brookings Co Conservation District, County Extension Office or Soil Conservation Service; and further, that the legal description for the location of the well and land to be irrigated is true and correct.

I understand that the Division of Conservation or agents thereof may obtain another water sample for the purpose of validating the water sample analysis taken at the time of application (SDCL 46-5-6.4).

SUBSCRIBED AND SWORN BEFORE ME THIS 1 DAY OF May, 1981.

John S. Williams
(NOTARY PUBLIC)



Tom McGill
APPLICANT'S SIGNATURE

John McGill
Director, Division of Conservation

☒ APPROVED
☐ DISAPPROVED
☐ CONDITIONALLY APPROVED

IMPORTANT

Action by the Department of Agriculture or the State Conservation Commission is not the final action on any application.

In all cases a WATER RIGHT must be obtained from the State Water Rights Commission.

Affidavit of Publication

State of South Dakota

ss

County of Brookings

Dennis D. Koenders of said county, being first duly sworn, on oath, says: That he is one of the editors of THE BROOKINGS REGISTER, a daily newspaper, printed and published in the City of Brookings, in said County of Brookings, and State of South Dakota; that he has full and personal knowledge of the facts herein stated; that said newspaper is a legal newspaper and has a bona fide circulation of at least two hundred copies of each issue daily; that said newspaper has been published within the said County of Brookings and State of South Dakota, for more than one year next prior to the first publication of Exhibit "A," hereto attached and herein mentioned, and was and is printed in the office maintained at said place of publication; and that the

Legal No. 29C

56 lines x .367

a printed copy of which, taken from the paper in which the same was published, is hereto attached marked Exhibit "A," and is made a part

of this affidavit, was published in said newspaper for Two

successive week(s), to-wit:

May 15, 1981, 19...

May 22, 1981, 19...

19... 19...

19... 19...

That the full amount of the fee charged for the publication of said Exhibit "A" inures to the sole benefit of the publishers of said newspaper; that no agreement or understanding for the division thereof has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever; that the fees charged for the publication thereof are:

Twenty dollars and fifty-five cents Dollars

Subscribed and sworn to before me this 22nd day of

May, 1981

Notary Public in and for the County of Brookings, South Dakota.

My Commission expires

Exhibit "A"
Legal No. 290, 2x, May 15, 22
No. 4763-3

NOTICE OF HEARING ON APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501
May 13, 1981

Notice is hereby given that Tom McGill whose post office address is Rock Valley, Iowa has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-14; 46-2-9 thru 46-2-11, 46-2-13; 46-5-1 thru 46-5-8; 46-5-10 thru 46-5-22, 46-5-41; 46-6-3, 46-6-3.1, 46-6-5, 46-6-6.1, 46-6-10, 46-6-14 and Board Rules ARSD 52:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use 3.8 cubic feet of water per second of time from groundwater (2 wells) through the McGill Irrigation Project No. 1, and point(s) of diversion of which (are) to be located in the NW 1/4 SW 1/4 and SE 1/4 SW 1/4 of Section 27, Twp. 109N, Range 47W. Said water to be used for the purpose of providing irrigation on portions of the following described land: W 1/2 NW 1/4, SW 1/4, W 1/2 SE 1/4, Section 27, T109N, R47W.

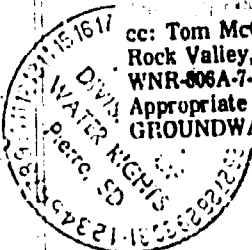
This Application No. 4763-3 will be considered by the Water Management Board at Meeting Room No. 1, Knelp Building, Church & Illinois Street, Pierre, SD upon the 27th day of May 1981 at 10 A.M. The Board is authorized to make a determination on this application at the hearing. All interested persons may appear and be heard. Any person who may be affected by a Board decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the board in writing prior to the hearing or orally at the hearing.

This hearing is an adversary proceeding. Any person has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised at the hearing. Decisions of the Board may be appealed to the Courts as provided by law.

Any handicapped person wishing to attend this hearing can contact the Water Rights Division, DWRN, Joe Foss Building, Pierre, SD, prior to the hearing date for assistance to assure access to the hearing.

WATER MANAGEMENT BOARD
Burton F. Jones
BURTON F. JONES
Water Rights Specialist

cc: Tom McGill
Rock Valley, Iowa 51247
WNR-006A-7-79 Notice of Intent to
Appropriate Water
GROUNDWATER



No. 4763-3

Publish first publication, on or before May 15, 1981

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APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

May 13, 1981

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address is Rock Valley, Iowa ~~XXXXXXXXXXXX~~, has made an application in accordance with
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thru 46-5-8; 46-5-10 thru 46-5-22, 46-5-41; 46-6-3, 46-6-3.1, 46-6-5, 46-6-6.1, 46-6-10,
46-6-14 and Board Rules ARSD 52:01:01:01 thru 52:01:01:13, for a permit to appropriate
for beneficial use 3.8 cubic feet of water per second of time from groundwater
(2 wells) through the McGill Irrigation Project #1, the point(s) of diversion of
which ~~N/A~~(are) to be located in the NE 1/4 SW 1/4 and SE 1/4 SW 1/4

of Section 27, Twp. 109 N, Range 47 W. Said water to be used for the purpose of
providing irrigation on portions of the following described land:

NE 1/4, SW 1/4, NW 1/4 SE 1/4, Section 27, T109N, R47W

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WATER MANAGEMENT BOARD

cc: Tom McGill
Rock Valley, Iowa 51247

~~XXXXXXXXXXXX~~ BURTON F. JONES
Water Rights Specialist

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 8216

Tom McGill, Rock Valley, Iowa 51247, PIERRE, May 13, 191

RECEIVED OF the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit to appropriate Water No. 4753-3 (examination, processing, recording and filing)	300.	00
Fee for inspecting Construction, and Issuing Cert. of Construction No.		
Fee for inspecting Beneficial Use, and Issuing Water License No.		
Fee for Issuing Location Certificate-Dry Draw, No.		
Fee for filing		
Fee for certified copy of		
Fee for Print copy of map		
Fee for Certifying		
Fee for (any other work as provided by law)		
TOTAL	300.	00

WATER RIGHTS COMMISSION

By (John Hatch) Chief Engineer, Executive Officer
JOHN HATCH

**SOUTH DAKOTA Department of
Water & Natural Resources**

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

September 14, 1990

4753-C

Tom McGill
1464 21st Ave
Rock Valley, IA 51247

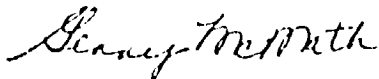
Dear Mr. McGill:

The inspection of your water use system and the inspection of the extent of application of water to beneficial use, as developed under Water Permit No. 4763-3, has been completed. Your final water right document, the Water License, can now be issued.

Statutes require that we charge a \$50.00 fee for the inspection and issuance of the Water License. Upon receipt of the \$50.00 fee from you, we will begin processing your Water License.

South Dakota Water Law 46-5-30.1 requires that a permit holder may not divert water until the \$50.00 license fee has been paid. Please contact us if you have any questions.

Sincerely,



Genny McMath
Natural Resources Analyst
(605) 773-3352

NOTE: On check or money order, please specify your permit number. This will insure proper handling of the fee.

6/60

OGT 1981
DIVISION OF
WATER RIGHTS
Pierre, SD

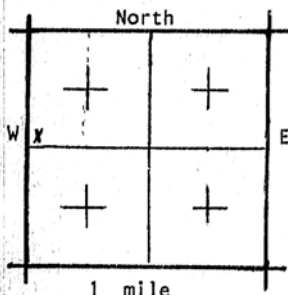
Well Owner:

Name Tom McGill

Address Back Valley, Iowa

Well Location:

Mark location
with an "X"



County Butterfield E/N 1/4
W 1/4 NW 1/4 Sec. 27 Twp. 109 Rg. 42

Proposed Use:

☐ Domestic ☐ Municipal ☐ Test
☒ Irrigation ☐ Industrial ☐ Stock
Holes

Method of Drilling:

☐ Forward Rotary ☒ Bored ☐ Jetted
☐ Reverse Rotary ☐ Cable ☐ Other

Well Construction:

Diameter of Hole 30"
Depth 55'
Casing ☐ Steel ☒ Concrete
16" ☒ Plastic ☐ Other
If other, specify _____

Was casing end left open NO
Was a well screen installed Yes
Describe Well Screen
Diameter 16" Material SS
Slot size .010"
Was well gravel packed Yes
Was well grouted NO
Was water sample taken Yes

Remarks:

Water Level Information:

Static water level 25 below land surface
If flowing: closed in pressure _____ PSI
rate of flow _____ GPM

Controlled by:

☐ Valve ☐ Reducers ☒ Other

If other; specify _____

Well Test Data:

☒ Pumped Set up for 300 gpm
☐ Bailed Describe: _____
☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ H.s. pumped _____ GPM
_____ " " " " " "
_____ " " " " " "

Well Log:

Formation	Depth	
	From	To
<u>Topsoil</u>	<u>0</u>	<u>3</u>
<u>Yellow sand & clay</u>	<u>3</u>	<u>25</u>
<u>Yellow sand (sub)</u>	<u>25</u>	<u>35</u>
<u>Yellow clay</u>	<u>35</u>	<u>36</u>
<u>Yellow sand - clean</u>	<u>36</u>	<u>54 1/2</u>
<u>Grey clay</u>	<u>54 1/2</u>	<u>55</u>

(Use Back if Necessary)

Date Completed: 6-28-81

Driller:

Grimeshaw Drilling Co. 409
Driller's or Firm's Name License NO.
Box 81, Chester S.D.
Address

Sandy M. Wolf 10-1-81
Signed By Date



Paul H. H. H.

LICENSE FOR PERMIT NUMBER 4763-3

1. Legal location of wells: FROM THE SW CORNER OF SECTION 27-T109N-R42W
WELL #1 1900' EAST & 1320' NORTH, WELL #2 2550' NORTH & 50' EAST
dams & structures: _____

2. Well Information: Well Drilling Firm GRIMSHAW

Completion Report Yes X No _____ No. of Wells 2 Depth 84' 55'

Casing a) diameter 30' Screen a) type STAINLESS STEEL

b) length 64' / 110' b) length 20' 15'

c) type PVC Static Water Level 25'

Pump a) make WESTERN LAND ROLLER Motor a) make GE

b) model E81394 / C81802 b) model No. 5K254DP6003 / 5K6252X15028

c) size 8" 6" c) horsepower rating 50 15

d) capacity 800 300 gpm

e) turbine pump - no. of stages 4 3

f) operating PSI 50

3. Distribution lines or canals

a) size 6"

b) type PVC

c) length 1400'

4. Dam Information:

a) height to crest _____ m) Outlet tubes:

b) height to primary spillway _____ 1) diameter _____

c) height to secondary spillway _____ 2) type _____

d) crest width _____ 3) valved (Y/N) _____

e) crest length _____ 4) valve type _____

f) spillway length _____ 5) location on structure _____

g) spillway width _____

h) approx. storage _____ n) Category of Dam _____

i) approx. storage to crest _____

j) date constructed _____

k) inspection sheet completed (Y/N) _____

l) Name of Contractor _____

5. System Type a) sideroll:

- 1) length _____ feet
- 2) diameter of pipe _____
- 3) make, model & number of
sprinklers _____
- 4) spacing of sprinklers _____
- 5) nozzle size _____

c) gun

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____
- 4) hose size _____
- 5) hose length _____

e) gated pipe

- 1) length _____
- 2) diameter _____
- 3) spacing of gates _____

f) portable boom

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____

b) towline:

- 1) length _____ feet
- 2) make, model & number of
sprinklers _____
- 3) spacing of sprinklers _____
- 4) nozzle size _____

d) center pivot

- 1) make VALLEY / VALLEY
CORNER
- 2) number of towers 10 / 7
- 3) distance between towers _____
- 4) overall length 1527 / 1289
- 5) end gun (Y/N) Y
- 6) high or low pressure HI
- 7) make & size of nozzles
RAINFIELD
- 8) capacity (GPM) 800 / 300

g) siphons

- 1) size _____
- 2) number _____

NOTE: For Permits with additional wells or changes in well locations, record the following for each well: pumping capacity, date constructed, well driller and if a well log is available.

Indicate any other permit(s) which are associated with project _____

Yes	No	Check Items
☒	☐	1. Soil and water permit lands agree with lands being irrigated and lands listed on permit?
☒	☐	2. Special qualifications to permit being abided by?
☒	☐	3. All structures, wells and lands on map?
☒	☐	4. Irrigation Questionnaires checked to determine if permit owner started irrigation by end of construction period?
☐	☒	5. Is chemigation used?
☐	☒	6. If yes, does equipment comply with chemigation rules?

REMARKS:

STATE OF SOUTH DAKOTA
WATER LICENSE NO. 4763-3

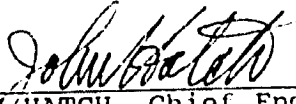
(1) Tom McGill of 1464 21st Avenue, Rock Valley IA 51247 made Application No. 4763-3, May 6, 1981 for a water permit to appropriate 3.80 cubic feet of water per second from groundwater (two wells), Brookings County, South Dakota for irrigation purposes. Permit No. 4763-3 with a priority date of May 6, 1981 was approved May 27, 1981 and issued to applicant(s) for diversion of water with construction of the described water supply system to be completed on or before May 27, 1986 and for the application to beneficial use of said water on or before May 27, 1989.

(2) It is certified that the applicant has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 2.44 cubic feet of water per second for beneficial use. The location of the diversion points are: Well #1 - 1900'E and 1320'N of the SW corner, Well #2 - 2550'N and 50'E of the SW corner all in Section 27, T109N, R47W.

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

T109N, R47W Section 27	NW1/4 NW1/4	34	acres
	SW1/4 NW1/4	34	"
	NW1/4 SW1/4	27	"
	NE1/4 SW1/4	40	"
	SE1/4 SW1/4	39	"
	SW1/4 SW1/4	27	"
	NW1/4 SE1/4	17	"
	SW1/4 SE1/4	16	"
	Total	234	acres

(4) Pursuant to Section 46-5-30.1 Tom McGill of 1464 21st Avenue, Rock Valley IA 51247 the holder(s) and/or owner(s) of Water Permit No. 4763-3 is issued a license to appropriate water, the right to use 2.44 cubic feet of water per second from groundwater (two wells) with a priority date of May 6, 1981 from the location specified in (2) of this license. The water is to be conducted to and upon lands specified in (3) of this license for the purpose of irrigation. This license is subject to any limitations or qualifications listed in Water Permit No. 4763-3 and subject to South Dakota State Law.


DEC 19 1990
JOHN HATCH, Chief Engineer
Water Rights Division
Department of Water and Natural
Resources



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

DEC 19 1990

4763-3

Tom McGill
1464 21st Avenue
Rock Valley IA 51247

Dear Mr. McGill:

Enclosed is Water License No. 4763-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 412396 in the amount of \$50.00 which you paid for the inspection and issuance of the Water License.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 4763-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

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

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division
(605) 773-3352

enclosures

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

412898

Pierre, _____ October 22, 19 90

RECEIVED OF T.H. McGill, 1464 21st Ave Rock Valley IA 51247

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct works 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. 5246-3 4763-3	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for Certified Copy of _____		
Fee for Print Copy of Map _____		
Fee for Certifying _____		
Fee for _____		
(Any Other Work Provided by Law)		
Total	50	00

By J. L. [Signature]
Chief Engineer

2000 WATER MANAGEMENT BOARD IRRIGATION QUESTIONNAIRE
Please fill out and return before December 1, 2000

4763-3
TOM MCGILL
1464 21ST AVE
ROCK VALLEY IA 51247

CHANGES TO ADDRESS LABEL, IF ANY:

Telephone No. 712-476-5616

COMPLETE AND RETURN THIS FORM TO THE WATER RIGHTS PROGRAM AT 523 E CAPITOL, PIERRE, SD 57501-3181 (605) 773-3352

1. Is the system constructed? *yes X no

*Type of system used (check all that apply):

center pivots X towlines big gun

flood sprinklers other

2. Did you irrigate in 2000? *yes X **no

*If yes, number of acres irrigated 267.8

**If no, list reason(s) in comment section:

3. Source of water: Wells

4. Is land enrolled in CRP? *yes no X

*If yes, through what year?

5. Did you apply chemicals or fertilizer through the system in 2000? *yes no X

* If yes, a separate chemigation form is NOT needed.

Comment Section:

*I transferred ownership of this land to my wife Mary Ellen McGill but I still manage it. We of course have the same address.
Tom McGill*

Office use only



The portion of the form for reporting acres irrigated is on the back of this page. Listed below are two examples of how to complete the form:

EXAMPLE 1: In June & July, 130 acres were irrigated using a pivot system (70 acres of corn & 60 acres of alfalfa). The pump rate of the pivot is 800 gallons per minute and you pumped 8 days (@ 24 hours per day) on the corn and 22 days on the alfalfa:

MONTH	CROP	ACRES	PUMP RATE	# DAYS	AVE/HRS DAY
JUNE	CORN	70	800 GPM	8	24
	ALFALFA	60	800 GPM	10	24
JULY	ALFALFA	60	800 GPM	12	24

EXAMPLE 2: In June, 40 acres of alfalfa were irrigated (using gated pipe @ 3000 gpm) for 5 days - 24 hours per day; 60 acres of beans were irrigated (using big gun @ 380 gpm) for 10 days at 24 hours per day:

JUNE	ALFALFA	40	3000 GPM	5	24
	BEANS	60	380 GPM	10	24

For ease in calculating water use, please specify if actual irrigation hours or kilowatt hours are being reported. For kilowatt hours, include depth to water & system pressure in comment section.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

December 27, 2000

No. 4763-3

Tom McGill
1464 21st Ave
Rock Valley IA 51247

Dear Mr. McGill:

Thank you for returning the yearly irrigation questionnaire. On the form, you indicated that ownership of this land had been transferred to your wife. Enclosed is a partially completed "Notice of Transfer" form for use in filing an ownership change. The water right is currently listed in the name of Tom McGill.

The transfer form should be checked over for accuracy and signed by the new owner in the presence of a notary public. Upon completion, return the form to our office with a required filing fee of \$2.50.

South Dakota Water Law 46-5-30.3 requires Notice of any sale, grant, lease, conveyance or other transfer of a water permit or water right to appropriate water to be filed with this office within ninety days.

If you have any questions, please contact me.

Sincerely,

Karen Schlaak

Karen Schlaak
Water Rights Program
605 773-3352

enclosure

NOTICE OF TRANSFER OF OWNERSHIP

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

No. 4763-3

Date: 1-2-01

1\We request that Water Right No. 4763-3

formerly owned by: **Tom McGill**

be transferred to: (name & address) **Mary Ellen McGill, 1464 21st Ave, Rock Valley IA 51247**

Telephone No. 712-476-5616

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

234 acres located in portions of the W ½ NW ¼, SW ¼, W ½ SE ¼ Section 27-T199N-R47W

I/We understand that the validity of Water Right No. 4763-3 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

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

A fee of Two Dollars and Fifty Cents (\$2.50) is attached to cover the filing fees as required under SDCL 46-2-13.

STATE OF IOWA)
SOUTH DAKOTA)
County of Sioux)

I, MARY ELLEN MCGILL being first duly sworn on my oath depose and say that my relation to the above described undertaking is that of Owner, that I have read the above foregoing statement, and that I know of my own personal knowledge that the information herein stated is true.

Mary Ellen Mc Gee
(Signed)

Subscribed and sworn to before me this 2nd day of January, 192001

(Notary Public)



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

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

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

N2 416724

Pierre, January 5, 2001

RECEIVED OF Mary Ellen Mc Gill, 1464 21st Ave, Rock Valley, IA 51247
the following amount in fees for services rendered as provided for by law: (Tom McGill)

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 4763-3

Fee for Filing Extension Request _____

Fee for _____

2 50

(Any Other Work Provided by Law)

Total

2 50

By Harold Erbe



January 5, 2001

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

4763-3

Mary Ellen McGill
1464 21st Ave
Rock Valley, IA 51247

Dear Ms. McGill:

Thank you for following up on the ownership change for Water Right No. 4763-3. The transfer has been completed and the water right is now listed in your name.

Enclosed is your Receipt No. 416724 in the amount of \$2.50. You may keep this for your records.

If you have any questions concerning the water right, please get in touch with us.

Sincerely,

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

enclosure

NOTICE OF TRANSFER OF OWNERSHIP

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

Water Right/Permit No. 4763-3

Date: 07/09/03

I/We request that Water Right/Permit No. 4763-3 formerly owned by:

Mary Ellen McGill

be transferred to:

New Owner Name: Mary Ellen McGill Trust

Address: c/o Mary Ellen McGill, Trustee 1464 21st Ave.

City, State, Zip Rock Valley, IA 51247 Telephone No. (712)476-5616

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

234 acres located in portions of the W1/2 NW1/4, SW1/4, W1/2 SE1/4
Section 27-T109N-R47W

☒ I understand that the validity of Water Right/Permit No. 4763-3 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 Two Dollars and Fifty Cents (\$2.50) is included to cover the filing fee as required by SDCL 46-2-13.

Mary Ellen McGill as Trustee of the
I, Mary Ellen McGill Trust, the new owner, certify that the above information
is true and correct.

RECEIVED

JUL 14 2003

WATER RIGHTS
PROGRAM

Mary Ellen McGill as 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.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

July 17, 2003

4763-3

Mary Ellen McGill Trust
% Mary Ellen McGill Trustee
1464 21st Ave
Rock Valley IA 51247

Dear Ms. McGill:

I am writing to acknowledge receipt of the "Notice of Transfer of Ownership" form and filing fee you submitted for Water Right No. 4763-3. The transfer has been completed. The water right is now listed in the name of "Mary Ellen McGill Trust".

Enclosed is your Receipt No. 000827 in the amount of \$2.50. If I can answer any questions for you, please contact me.

Sincerely,

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

enclosure

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date July 15, 20 03

RECEIVED OF McGill & McGill General Account, 1403 Main Street, Rock Valley IA 51247
(Mary Ellen McGill)

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	2.50	
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>4763-3</u>		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	2.50

No.

000827

By

Darlene Eide
Chief Engineer gms

10:38 AM

MCGILL & MCGILL**Attorneys at Law**

1403 Main Street
Rock Valley, IA 51247-1223
712-476-5411
712-476-5958
FAX 712-476-5958

4763-3

F.T. MCGILL
1916-1986

MAUREEN MCGILL HOOGEVEEN*

*Licensed in Iowa & South Dakota

December 1, 2004

Water Rights Program
523 E. Capitol
Pierre, SD 57501-3181
FAX: 605-773-4068

RE: 2004 Water Management Board Irrigation Questionnaire

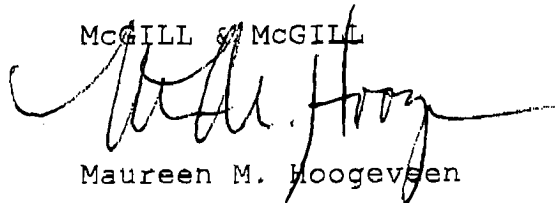
Dear Sir or Madam:

Enclosed please find the 2004 Water Management Board Irrigation Questionnaire. I completed the same for my mother, Mary Ellen McGill, pursuant to her request. In the event you have any questions concerning the same, please do not hesitate to contact me at the above telephone number.

Thanking you and with best regards, we are

Very truly yours,

MCGILL & MCGILL



Maureen M. Hoogeveen

MMH:ajw

Encs.

Land in Brookings County
Acres Irrigated - 266
Water claimed - 3.8 cfs.
5-6-81 John Swenson

5-6-81

John J. W. W. W.

123-4 2-7

1981 Soybeans

1980年7月

~~7300-
N30°E~~

2175
N 50° E

109-47

27.9

16.2

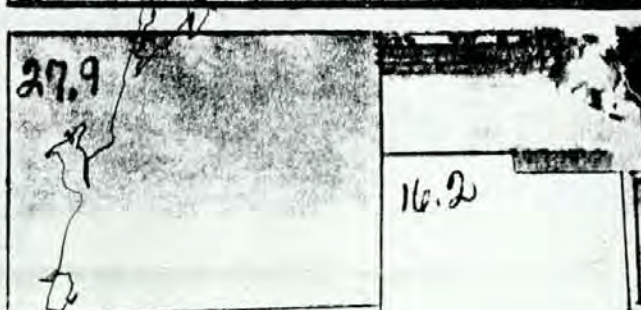
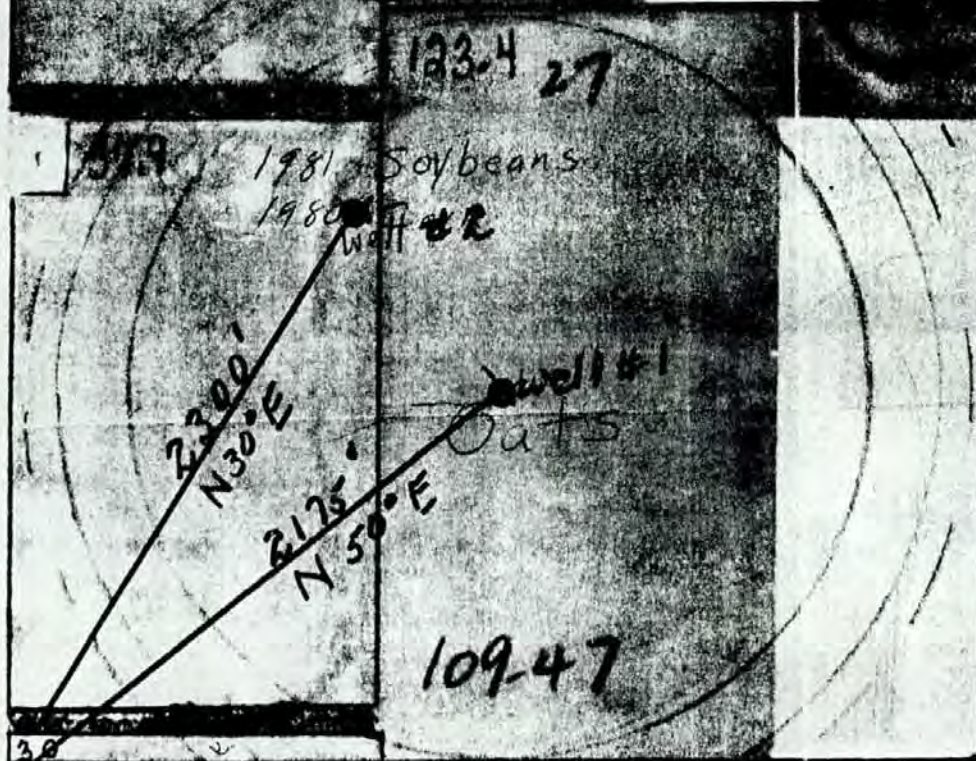
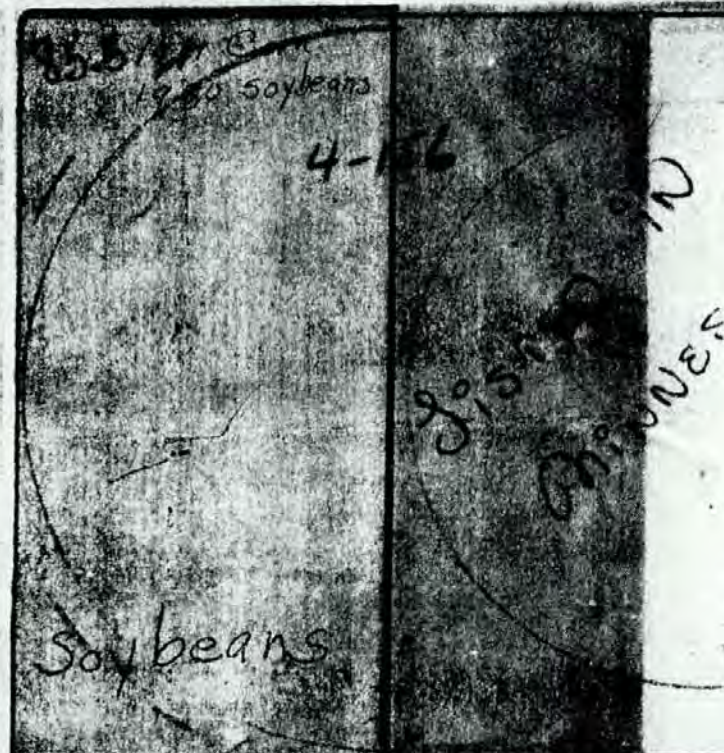
6-81

John Lee

~~MARP 2971-3~~ APOL N° 4763-3

Tom McGill
Irrigation Project #1
Rock Valley Ia.
51247

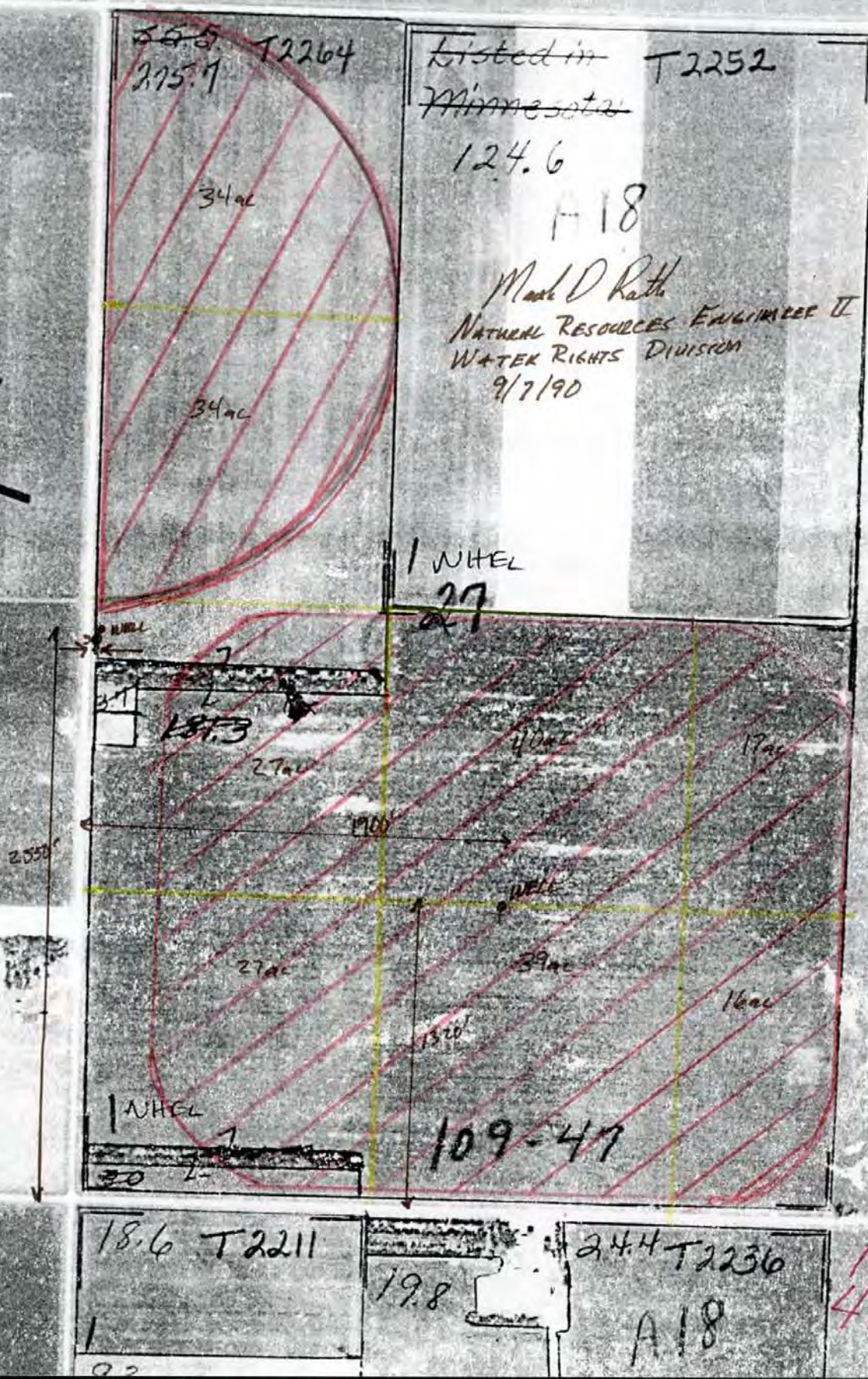
Land in Brookings County
Acres Irrigated - 266
Water claimed - 3.8 cfs.
5-6-81 John Swenson



5-6-81
John Swenson

MAP NO 3974.3 APPL NO 4763-3

NOT TO SCALE



4763-3



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

October 27, 2020

4763-3

Mary Ellen McGill, Trustee
Mary Ellen McGill Trust
1403 Main St
Rock Valley IA 51247-1223

Dear Ms. McGill:

Enclosed is a "Notice" dated October 23, 2020 concerning the 2020 irrigation questionnaire.

The notice was originally mailed to 1464 21st Ave, Rock Valley IA. 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,

A handwritten signature in black ink, appearing to read "Genny McMath". The signature is fluid and cursive, with the first name "Genny" being more prominent than the last name "McMath".

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

enclosures

SD EForm - 0495LD V2

NOTICE OF TRANSFER OF OWNERSHIP

For assistance call (605) 773-3352

Mail to: PMB 2020
DENR - Water Rights Program
523 E Capitol Ave
Pierre, SD 57501-3182

RECEIVED

FEB 25 2021

WATER RIGHTS
PROGRAMWater Right/Permit No. 4763-3Date: 2-25-21I/We request that Water Right/Permit No. 4763-3 formerly owned by:Mary Ellen McGill Revocable Trust

be transferred to:

New Owner Name: Vyn Land & CattleAddress: PO Box 1567City, State, Zip Dalhousie TX 79022 Telephone No. 806 376-3711

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

W 1/2 of NW 1/4, all of SW 1/4 & W 1/2 SE 1/4
section 27 of 109N 42W

☒ I understand that the validity of Water Right/Permit No. 4763-3 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, Justin Vyn, the new owner, certify that the above information is true and correct.



(signed by new owner)

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

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

4763-3

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date February 25, 2021

RECEIVED OF Justin A. Vyn PO Box 1567 Delhart TX 79022

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>4763-3</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
EG



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 25, 2021

4763-3

Justin Vyn
Vyn Land & Cattle
PO Box 1567
Dalhart TX 79022

Dear Mr. Vyn:

I am writing to acknowledge receipt of the transfer form and filing fee you submitted for changing ownership on Water Right No. 4763-3.

The ownership change has been completed. Water Right No. 4763-3, formerly held by Mary Ellen McGill Revocable Trust is now listed under Vyn Land & Cattle.

Each year we mail irrigators in South Dakota an irrigation questionnaire for reporting how much water they pumped during that specific crop season. I am enclosing a copy of the form submitted in paper form and one submitted online to give you an idea of what type of information to keep track of during the growing season. The actual form that will need to be completed and returned to us will be mailed to you in October.

Also enclosed is a receipt for the filing fee you paid. If I can answer any questions for you, please let me know.

Sincerely,

A handwritten signature in blue ink that reads "Genny McMath".

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

enclosures