

WATER PERMIT NO. 8275-3

Name of Applicant: Larry & Lisa Skorepa

Address: 29922 435th Ave, Utica SD 57067 Phone: 605 661-6453

Amount of Water Claimed: 1.78 cfs (no add'l) Total Acres: 66.9

Source of Water Supply: groundwater (1 existing well)

Water to be used for: irrigation County: Yankton

Type of Waste Disposal System:

Location: 5 miles north of Utica

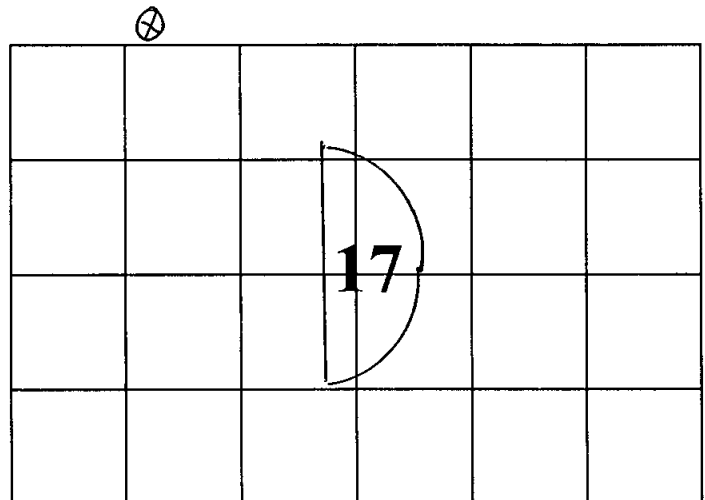
PRIORITY Date Received: 3-27-17 Application/License Fee: \$ 950

Corrected Application Received: Period of Annual Use: may 1 – October 1

Remarks: Requestion diversion rate greater than statutory limit

Diversion Point: SW 1/4 SW 1/4 Sec 8-T95N-
R56W

Land to be Irrigated: E 1/2 NW 1/4, NE 1/4 SW
1/4, SW 1/4 NE 1/4, NW 1/4 SE 1/4 Sec 17-T95N-
R56W



Depth of Well: 320 feet deep

Well Driller: Grosch Irrigation Co Inc.

Remarks:

Type of Map: aerial

Prepared by:

Reviewed and the Number Assigned on: 3-27-17

By: Karen Schlaak

Notice of Hearing - date to intervene: _____

Mail to: DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>8275-3</u>	(office use only) Hydrologic Unit <u>10160011</u>
	Basin <u>James River</u>	
	Newspaper <u>Press & Dakotan</u>	

RECEIVED
MAR 27 2017
WATER RIGHTS
PROGRAM

Application For Permit To Appropriate Water For Irrigation

Type of Application: ☒ New ☐ Vested Right ☐ Amendment/Correction to Permit No. _____
(Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

1. Name to Appear on Irrigation Permit Larry & Lisa Skorepa

Note: The "Name to Appear on Irrigation Permit" must be the name in which the property to be irrigated is held in.

Mailing Address 29922 435th Ave. Utica SD 57067
(Address) (City) (State) (Zip Code)

Phone 605-364-7422 Mobile 605-661-6453 Email _____

2. Amount of water claimed no add'l *CFS or 800 **GPM ***AF Total Acreage 66.9
(*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 + pivot

4. Location of point of diversion one well located in SW 1/4 SW 1/4 - 8-95N-56W
(example - 3 wells in SW 1/4 NE 1/4 section 12-T104N-R53W)

County Yankton

5. County or counties where water will be used Yankton

6. Annual period during which water is to be used may 1 to October 1

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
NE 1/4 NW 1/4 - 17-95N-56W	9.9	SW 1/4 NE 1/4 - 17-95N-56W	23.0
SE 1/4 NW 1/4 - 17-95N-56W	10.0	NW 1/4 SE 1/4 - 17-95N-56W	23.0
NE 1/4 SW 1/4 - 17-95N-56W	10.0		

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

I, Larry Skorepa Owner, the applicant, certify under
Name of Person Title (if applicable)

penalty of perjury that I have read this application, examined the attached map, and that the matters stated are true. I further certify, if acting on behalf of an entity or individual other than myself, that I am authorized to submit this application.

SOUTH DAKOTA
WATER PERMIT NO. 8275-3

Date of first receipt of application March 27, 2017.

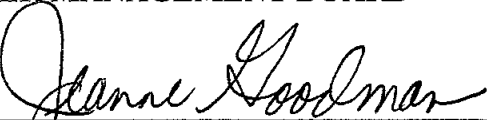
The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 8275-3 to Larry and Lisa Skorepa, 29922 435th Ave, Utica SD 57067 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 8275-3 appropriates water from one existing well completed into the Lower James Missouri:Scotland Aquifer (320 feet deep) located in the SW 1/4 SW 1/4 Section 8 for irrigation of 66.9 acres located in the E 1/2 NW 1/4, NE 1/4 SW 1/4, SW 1/4 NE 1/4, NW 1/4 SE 1/4 Section 17; all in T95N-R56W. The well is currently authorized by Water Permit No. 8073-3 appropriating 1.78 cubic feet of water per second (cfs) for the irrigation of 120 acres located in the SW 1/4 Section 8 and N 1/2 NW 1/4 Section 17; all in T95N-R56W. This permit increases the permitted acreage from 120 acres to 186.9 acres and does not increase the diversion rate beyond 1.78 cfs.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: May 1 – October 31.
3. The date from which applicant may claim right is March 27, 2017.
4. The date of approval of Permit No. 8275-3 is June 12, 2017.
5. One-fifth of the construction is to be completed on or before December 12, 2019.
6. All construction is to be completed on or before June 12, 2022.
7. Water is to be put to beneficial use on or before June 12, 2026.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The well approved under Permit Nos. 8073-3 and 8275-3 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 water permit holder shall report to the Chief Engineer annually the amount of water withdrawn from the Lower James Missouri:Scotland Aquifer by submitting the annual irrigation questionnaire.

WATER MANAGEMENT BOARD

By: 

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

JUN 21 2017

date



Supplemental Information

(type or print)

1. Well Information

(check one or both as applicable) ☐ Drilling new well(s) ☒ Using existing well(s)

a) If new wells, how many _____ Have test holes been drilled ☐ Yes ☐ No Drilled by _____
(if yes, please provide copies of logs)

b) If existing wells, how many 1 Provide copy of log(s), if available. Drilled by (see included)

For either Existing or Proposed Wells:

c) Well Depth (required) 320 Depth to Top of Water Bearing Material 160 Depth to Water from Surface 160 (see well report)

d) Distance to nearest domestic well on applicant's property 1/4 mile Property owned by others No - Town

2. Wastewater Disposal System Information

a) Type of System (i.e. septic tank, drain field) _____

b) System Capacity (gallons) _____ Year Constructed _____

c) Connected to the City of _____ Sanitary System

3. Dugout Information

a) Surface Dimensions _____ Depth _____

b) Depth to water (ground surface to water level) _____

4. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:

b) Freeboard _____

c) Crest Width _____

Crest Length _____

d) Height _____

e) Primary Outlet Capacity _____

If pipe, diameter _____

f) Secondary Spillway Capacity _____

Spillway Width _____

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

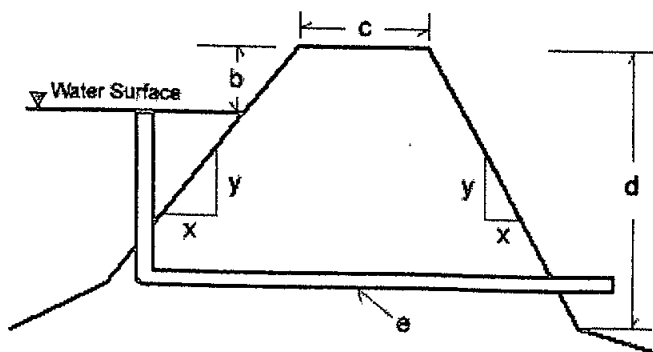
Upstream _____

Downstream _____

h) Surface Area of Impoundment _____

i) Storage _____ Acre Feet

j) Drainage Area Above Dam _____ Acres



8073-3

SD EForm - 1621LD V1

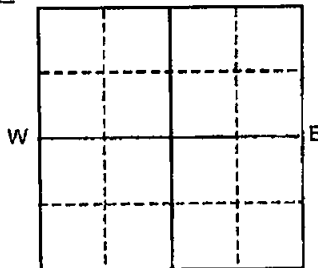
SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SW ¼ SW ¼ Sec 8 Twp 95 Rg 56

County Yankton

North

Please mark well
location with an "X"

Well Completion Date

June 3, 2015

1 Mile

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.):
2,500.0 ft. from Septic tank (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

Reverse Rotary

CASING DATA:

If other describe

☐ Steel ☒ Plastic ☐ Other

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
20.0 LB/FT	16.00 IN	1.0 FT	220.0 FT	28.00 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Cement	50	15.5 Lb/gal	20.0 Ft	0.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure
Pumped Tremie Pipe

SCREEN:

☒ Perforated pipe ☐ Manufactured

Diameter 16.00 Inches Length 100.0 Feet

Material PVC

Slot Size .051 Set From 220.0 Feet to 320.0 Feet

Other information

WAS A PACKER OR SEAL USED? ☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? HTH☐ No, Why Not?Lab to which water
quality sample sent for analysis

Well Owner: Larry Skorepa

Business Name:

Address: 29922 435 Ave

City, State, Zip: Utica SD 57067

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Top soil	0	2
Clay, brown silty, pebbly, rocky	2	38
Gravel, brown, sandy	38	161
Gravel, gray, sandy, some chalk	161	220
Gravel, gray, sandy, coarse	220	320

STATIC WATER LEVEL 224.0 FEET

If flowing: closed in pressure PSI

GPM flow through Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

Reduced flow rate GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe:☐ Bailed☐ Other

Pumping Level Below Land Surface

232.0 Ft. After 3.0 Hrs. pumped 668.0 GPM

240.0 Ft. After 3.0 Hrs. pumped 885.0 GPM

If pump installed, pump rate: GPM

REMARKS

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JUN - 9 2015

WATER RIGHTS
PROGRAMThis well was drilled under license # 189 and this
report is true and accurate.

Drilling firm: Grosch Irrigation Co., Inc.

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date:

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6-11-15

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WATER RIGHTS
PROGRAM**KracI Irrigation Co., Inc.**

1707 N Harrison St.
O'Neill NE 68763
402-336-4437

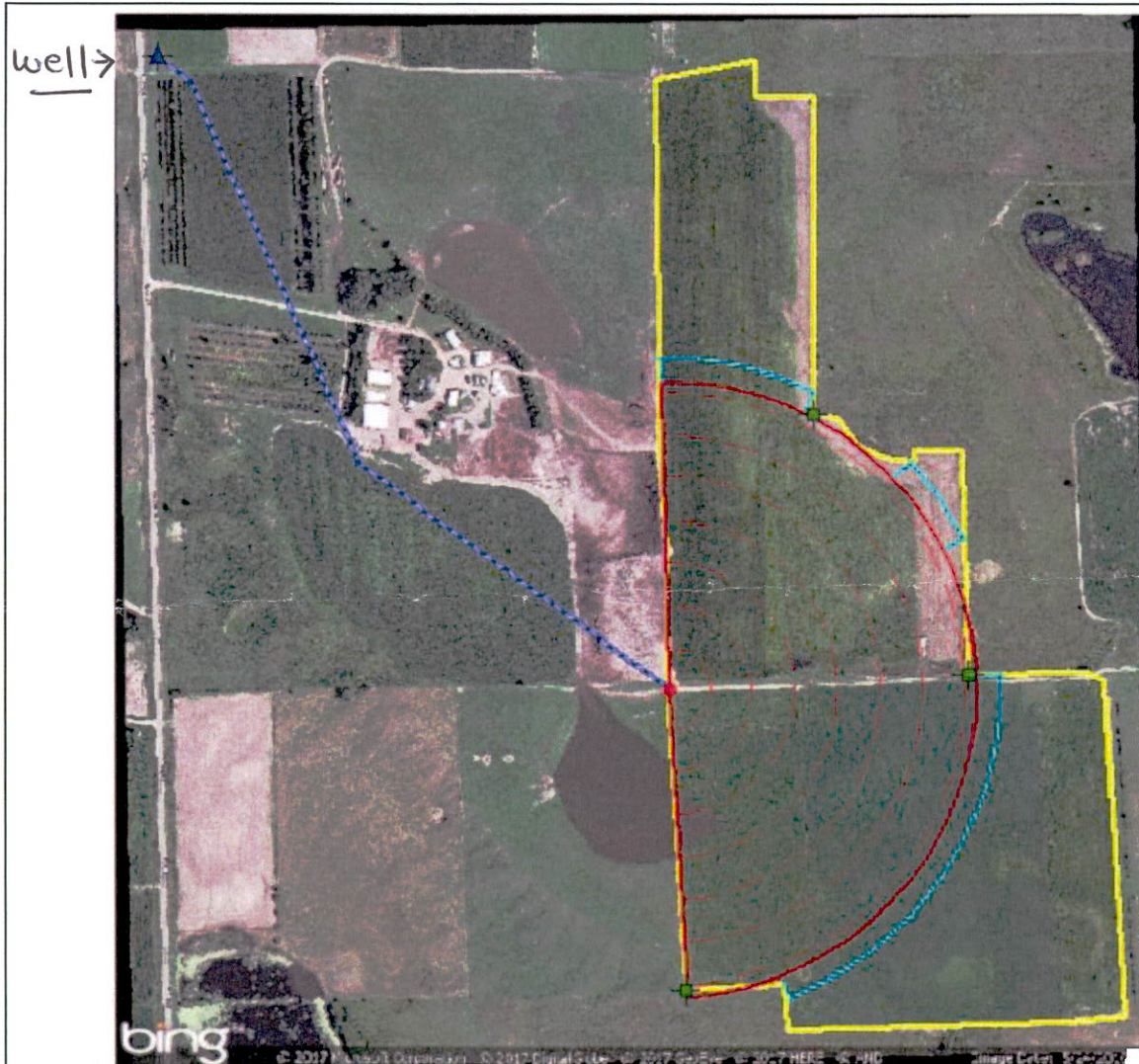
**Farm: Field1**

Grower:

3/22/2017

Systems:	Length	Spans	Total area including endgun
● Pivot 1	1303.67 ft	7 spans + 44 ft o.h.	66.91 acres

Pipe and Wire:	Length / Size	Description
● Pipe 2	3585.77 ft / ??	

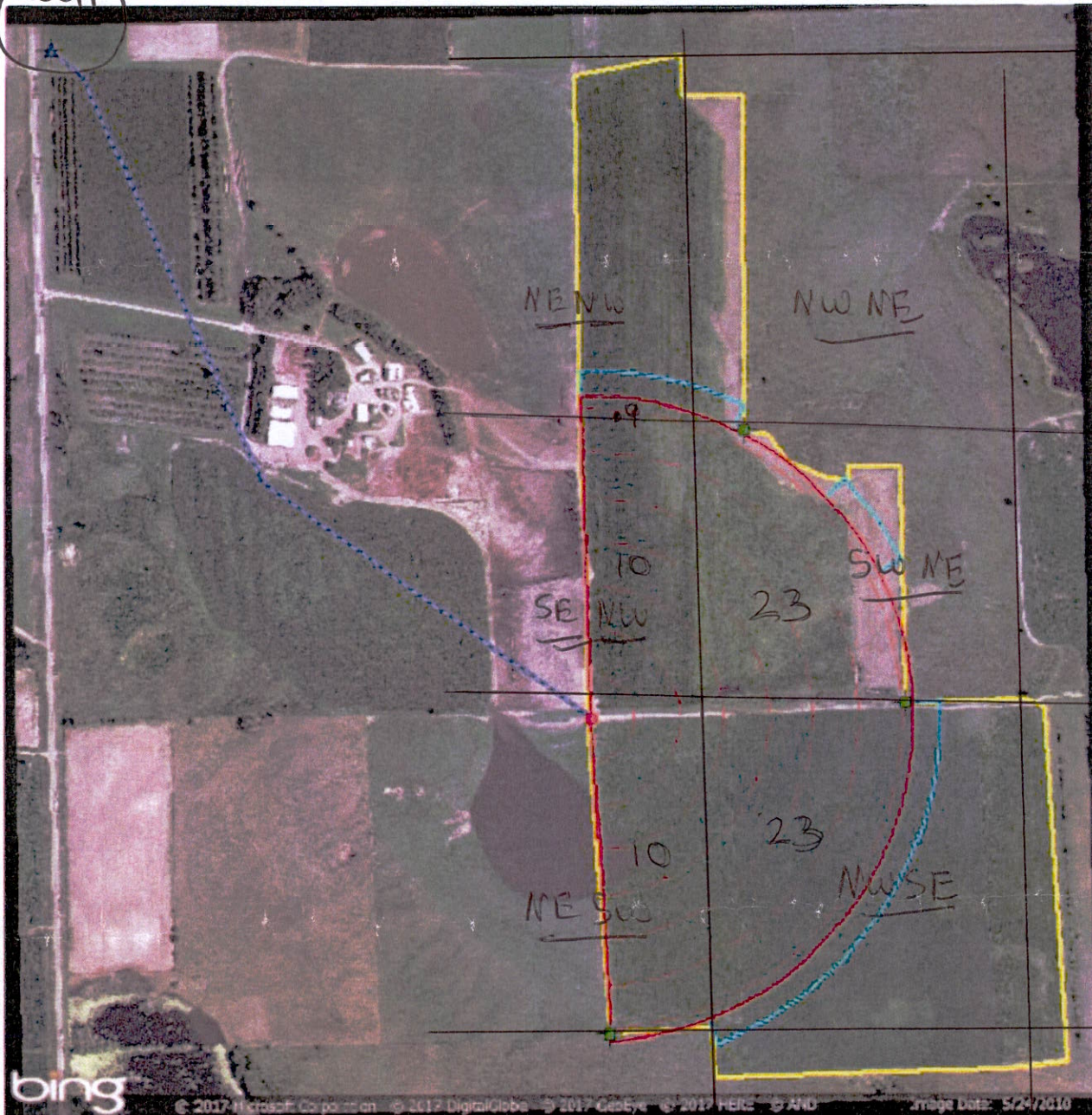


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well



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WATER RIGHTS
PROGRAM**Pivot 1**

Pivot Area: **60.66** acres
 Endgun Area: **6.25** acres
 Total Area: **66.91** acres

System Length: **1303.67** ft
 # of Spans: **7 + overhang**
 Deg. of Sweep: **178.2°**
 Endgun Throw: **100.0** ft

Color on map:

**Spans**

# of Spans: 7	Span 1 (180.2)	Span 2 (359.1)	Span 3 (538.0)	Span 4 (716.9)	Span 5 (895.8)	Span 6 (1074.8)	Span 7 (1253.7)	Overhang (1303.7)
Length:	179	179	179	179	179	179	179	44 ft
Pipe Size:	6 - 5/8"	6 - 5/8"	6 - 5/8"	6 - 5/8"	6 - 5/8"	6 - 5/8"	6 - 5/8"	5 - 9/16"

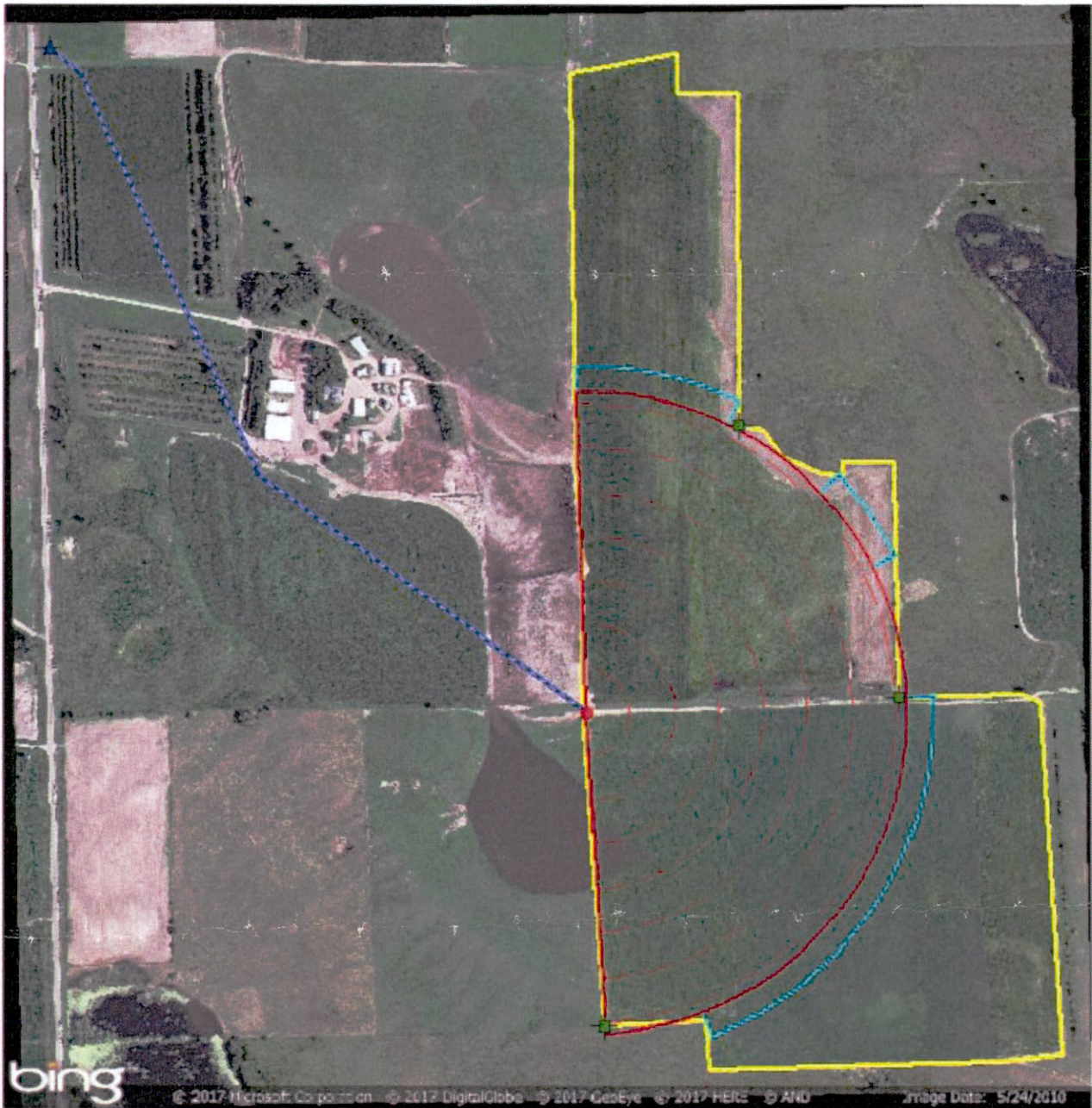
Endgun Areas**Endgun 1: (Throw = 100.0 ft)**

# of Areas: 3	Start / Stop Angle (Deg. from North)	Start / Stop Angle (Deg. from Pivot Start)	Start / Stop Location (Lat/Long)		Area (acres)
Area 1	359.4° / 26.8°	0.0° / 27.5°	43.049707802° -97.489233185°	43.049322481° -97.486978104°	1.49
Area 2	47.5° / 63.7°	48.1° / 64.3°	43.048546156° -97.485582881°	43.047715559° -97.484807873°	0.88
Area 3	88.3° / 159.9°	88.9° / 160.5°	43.046234353° -97.484305072°	43.042770301° -97.487506458°	3.88

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WATER RIGHTS
PROGRAM



RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 3/27, 20 17

RECEIVED OF Larry Skorepa 29922 435th Ave Utica SD 57067

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

Fee for Application for Permit No. <u>8275-3</u> to Appropriate Water, to construct and to put water to beneficial use	750	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>8275-3</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	950 00

No. **08211**

By *[Signature]*
Chief Engineer

Water Rights Program – DENR
Conversation File Documentation

NAME: Larry Skorepa

ADDRESS: 29922 435th Ave. Utica, SD 57067

DATE: May 17, 2017

COUNTY: Yankton

TELEPHONE: 605-661-6453

Re: Amount of water claimed

I contacted Larry Skorepa to clarify the amount of water claimed on their Application for Permit to Appropriate Water for Irrigation. The application states that the water claimed is 800 gallons per minute (1.78 CFS) and the diversion point will be an existing well. After speaking with Mr. Skorepa, the application is seeking an increase in the acreage supplied by the existing well, and is not increasing the maximum instantaneous diversion rate.

NAME: _____





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

denr.sd.gov

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 8275-3, Larry and Lisa Skorepa**

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. 8275-3, Larry and Lisa Skorepa, 29922 435th Avenue, Utica SD 57067.

The Chief Engineer is recommending APPROVAL of Application No. 8275-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) it is in the public interest with the following qualifications:

1. The well approved under Permit Nos. 8073-3 and 8275-3 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 Water Permit Holder shall report to the Chief Engineer annually the amount of water withdrawn from the Lower James Missouri:Scotland aquifer.

See report on application for additional information.

Jeanne Goodman, Chief Engineer
May 24, 2017

REPORT TO THE CHIEF ENGINEER

Water Permit Application No. 8275-3

Larry & Lisa Skorepa

May 15, 2017

Water Permit Application No. 8275-3 proposes to appropriate water for the irrigation of 66.9 acres from one existing well completed into the Scotland management unit of the Lower James Missouri aquifer (LJM:S). This well currently supplies Water Permit 8073-3 with a maximum diversion rate of 1.78 cubic feet per second (800 gallons per minute). The well is 320 feet deep and located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 8, T95N-R56W. Water Permit 8073-3 is for the irrigation of 120 acres located in the SW $\frac{1}{4}$ Section 8, and N $\frac{1}{2}$ NW $\frac{1}{4}$ Section 17; all in T95N-R56W. The water from this application will be used for the irrigation of 66.9 acres located in the E $\frac{1}{2}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, and NW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 17, T95N-R56W. This permit application is seeking to increase the permitted acreage from 120 acres to 186.9 acres and does not seek to increase the total diversion rate beyond 1.78 cfs for the two permits.

AQUIFER: Lower James Missouri: Scotland (LJM:S)

HYDROGEOLOGY

The Scotland management unit of the Lower James Missouri aquifer is an outwash deposit located in Bon Homme, Hutchinson, and Yankton Counties (Hedges et al., 1982). Prior to being identified as the Lower James Missouri: Scotland (LJM:S) by Hedges et al. (1982), this outwash deposit was identified as a portion of the Tyndall-Scotland aquifer (Jorgenson, 1971). The SD-DENR Water Rights Program and the Water Management Board utilizes the nomenclature of Hedges et al. (1982) for the management of aquifers. The Lower James Missouri: Scotland underlies approximately 72,800 acres and was estimated to contain approximately 1,110,650 acre-ft of recoverable water in storage (Hedges et al. 1982).

Information from the well completion report for the existing well shows that the aquifer underlies a clayey layer (Water Rights, 2017b), and Hedges et al. (1982) also classified the Lower James Missouri: Scotland as a buried aquifer. Layers consisting of gravel and sand are present from 38 feet to the well completion depth of 320 feet (Water Rights, 2017b). The static water level of this well at the time of construction was 224 feet, indicating that the aquifer at this location is unconfined. Data from the observation well network shows that the general direction of groundwater flow is generally from the west to the east (Water Rights, 2017c).

South Dakota Codified Law 46-2A-9

Pursuant to SDCL 46-2A-9, a permit to appropriate water may be issued only if there is a reasonable probability that there is unappropriated water available for the applicant's proposed use, that the proposed diversion can be developed without unlawful impairment of existing rights and that the proposed use is a beneficial use and in the public interest. This report will address the availability of unappropriated water and existing rights within the Lower James Missouri: Scotland aquifer.

WATER AVAILABILITY

The probability of unappropriated water available from an aquifer can be evaluated by considering SDCL 46-6-3.1, which requires “No application to appropriate groundwater may be approved if, according to the best information reasonably available, it is probable that the quantity of water withdrawn annually from a groundwater source will exceed the quantity of the average estimated annual recharge of water to the groundwater source.” If the source of the water is older than or stratigraphically lower than the Greenhorn Formation and a water distribution system has applied for a permit, the Board need not take into consideration the balance of aquifer recharge and withdrawal. Here, the water source is not older or lower than the Greenhorn Formation and a water distribution system is not involved. Therefore, the balance of withdrawal and recharge must be considered.

Hydrologic Budget

Recharge

Recharge to the LJM:S aquifer is thought to occur primarily from percolation of water through the overlying till or alluvium (Jorgensen, 1971). Some inflow may occur from the adjacent aquifers, however this has not been quantified (Bugliosi, 1986; Jorgensen, 1971). A regional flow-net analysis was performed by Hedges et al. (1985) to estimate the recharge rates from aquifers that did not have adequate data available for other types of analysis. The calculated recharge rate for the entire Lower James Missouri aquifer from the regional flow-net analysis was estimated to be 1.50 inches per year, however the report cautions that these rates are suspect and that conclusions based upon this method are questionable (Hedges et al., 1985).

Recharge rates to other buried, unconfined aquifers in Eastern South Dakota were calculated through the use of observation well analysis. The range of recharge rates from this analysis method was 0.9 to 3.2 inches, with an average recharge rate of 2.0 inches (Hedges et al., 1985). The observation well network shows that the entirety of the LJM:S aquifer is not unconfined, and that some areas are under confined conditions (Water Rights, 2017c). For confined aquifers, Hedges et al. (1985) determined that for aquifer management purposes, the estimated range of the recharge rate is 0.15 to 0.60 inches per year. Assuming the entirety of the LJM:S is confined, the conservative estimated annual recharge rate is 910 to 3640 ac-ft per year.

Discharge

Discharge from Lower James Missouri: Scotland is thought to occur primarily through well withdrawals and flow to adjacent aquifers, such as the Lower James Missouri to the northeast of the Scotland management unit and the underlying bedrock aquifers (Jorgensen, 1971). Well withdrawals for domestic and municipal use have decreased with the Bon Homme-Yankton Rural Water System providing water to the area, including the towns of Lesterville, Tabor, and Utica (Drinking Water, 2016), and there are no current estimates of usage for these purposes. There is one water right/permit for livestock watering appropriating 80 ac-ft per year. Within the LJM:S, there are currently 19 water rights/permits authorized to appropriate water (Water Rights, 2017a).

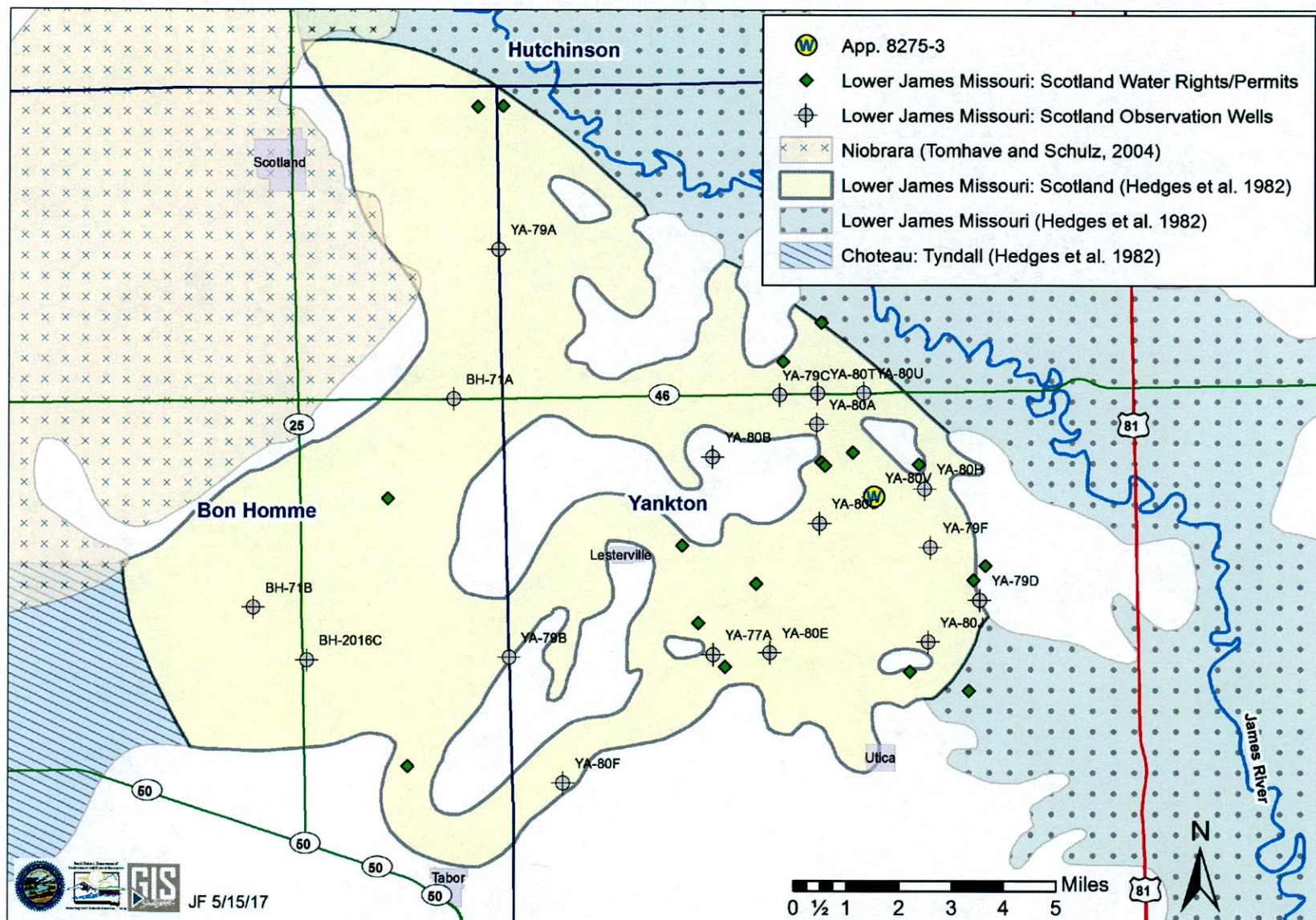


Figure 1. Map showing water rights/permits and observation wells in the Lower James Missouri: Scotland (Water Rights, 2017a and 2017c) using aquifer boundaries defined by Hedges et al. (1982), and Tomhave and Schulz (2004)

Hydrologic Budget

From the 2015 irrigation data, there were 18 water rights/permits that are appropriating water from the LJM:S for irrigation (Water Rights, 1980-2016). Annual reported irrigation data from the entire period of record, 1979 to 2015, is displayed in Figure 2, which shows the appropriation amount, the reported pumpage, and the number of acres permitted for irrigation.

The number of water rights/permits in the LJM:S has increased in recent years in response to climatic and economic conditions. Using the irrigation data over the entire period of record from 1979 to 2015, the average irrigation application rate on all permitted acreage that reported a functional irrigation system was 4.6 inches per year (Water Rights, 1980-2016). Applying the average irrigation application rate to the current permitted acreage for irrigation, the average annual withdrawals for irrigation would be an estimated 1230 ac-ft per year. Inclusion of the 66.9 acres for this application, and the 80 ac-ft licensed for livestock watering, the estimated average annual withdrawals for irrigation would increase to 1337 ac-ft per year. This number falls within the estimated recharge rates for a confined aquifer as determined by Hedges et al. (1985), and is also below the estimated annual recharge rate from the flow net analysis performed by Hedges et al. (1985). Therefore, there is a reasonable probability that unappropriated water is available from the LJM:S to support the proposed application.

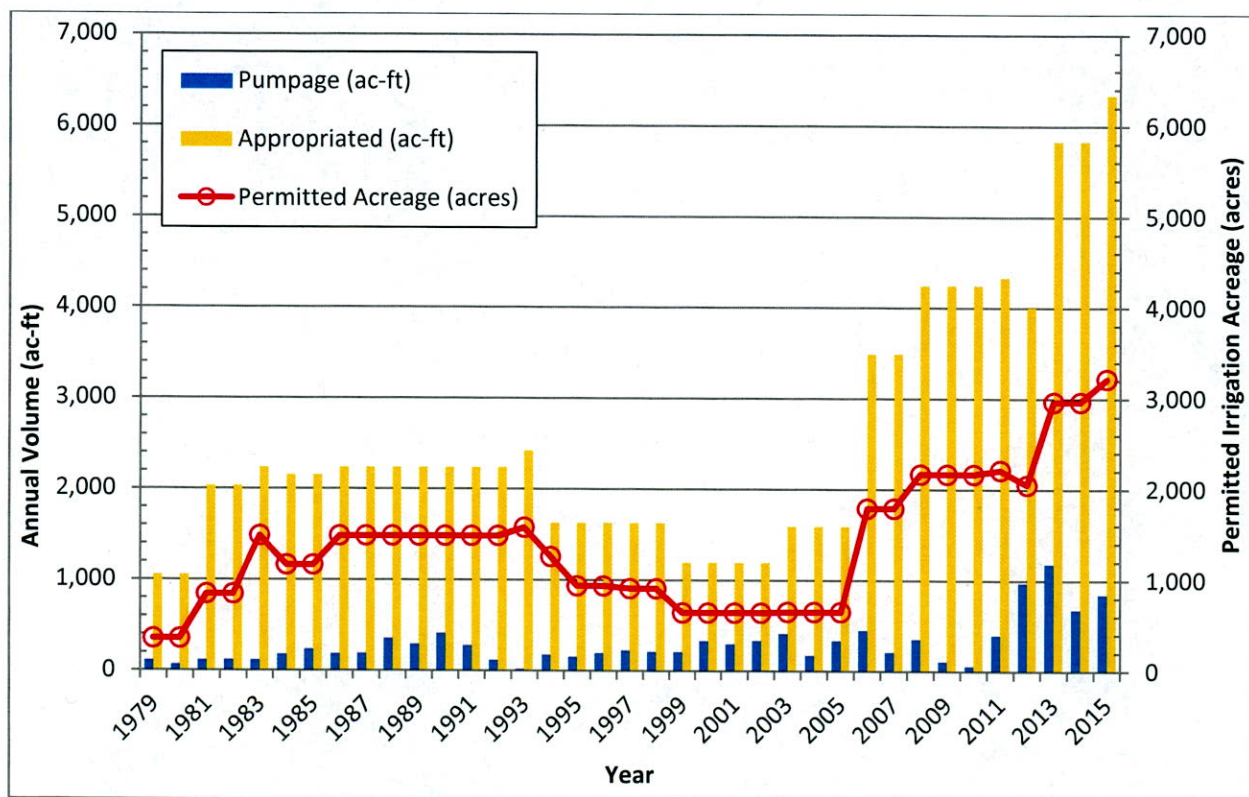


Figure 2: Reported annual irrigation data for the Lower James Missouri: Scotland (Water Rights, 1980-2016)

Observation Well Data

The Water Rights Program monitors 18 observation wells completed in the LJM:S (Water Rights, 2017b). The nearest observation well is YA-80V, located approximately 150 feet to the southwest of the well location. Observation well YA-80V is representative of other nearby observation wells completed into the LJM:S (Figure 3). In agreement with the other observation wells in the LJM:S, the hydrograph shows that the potentiometric surface at YA-80V rises during wet periods, and declines during dry periods, indicating that the aquifer responds well to climatic conditions. By comparing the climatic trend with the other observation wells, the climatic trend masks the temporal effects of well withdrawals (Figure 3). The observation well data indicates that there is a reasonable probability that there is unappropriated water available from the Lower James Missouri: Scotland aquifer.

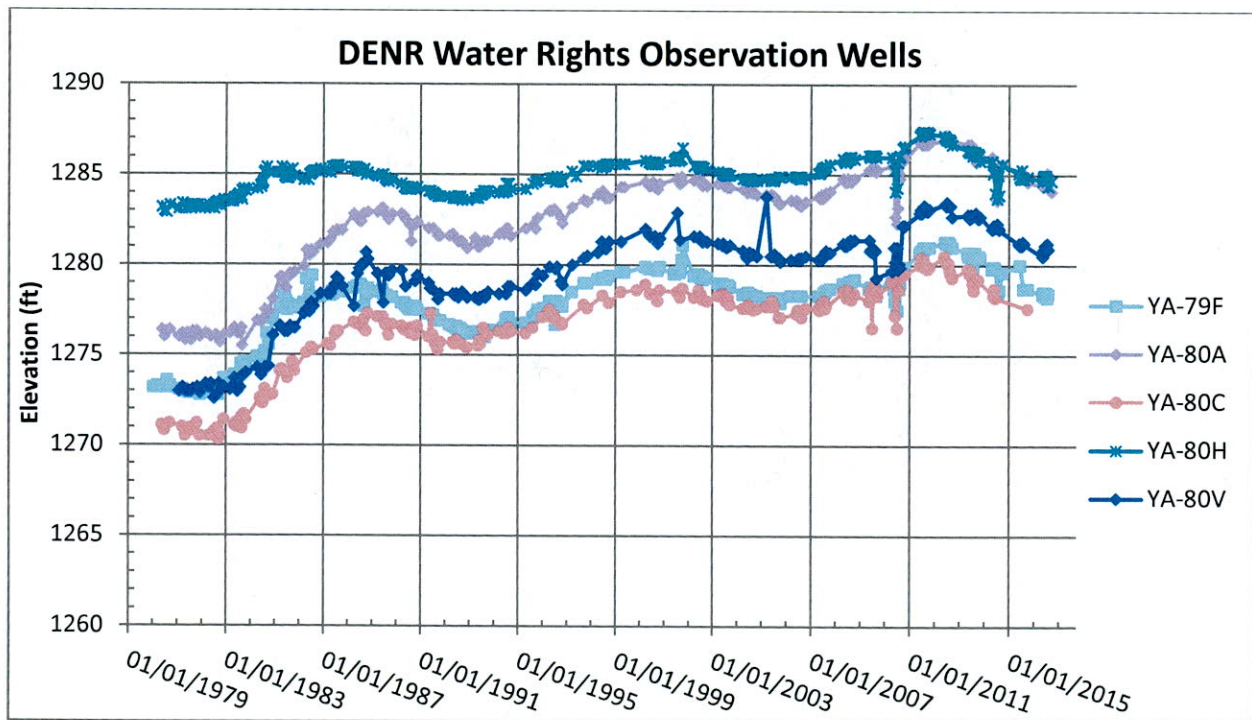


Figure 3: Hydrographs for Observation Wells YA-79F, YA-80A, YA-80C, YA-80H, and YA-80V (Water Rights, 2017b)

EXISTING WATER RIGHTS

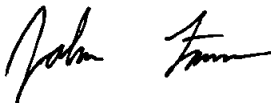
The nearest existing water right/permit completed in the Lower James Missouri: Scotland aquifer uses the same diversion point (Water Permit 8073-3) as this permit application and is also owned by the applicant. Water Permit 8073-3 is permitted at a maximum diversion rate of 1.77 cfs (800 gpm) for the irrigation of 120 acres in the SW $\frac{1}{4}$ Section 8, and N $\frac{1}{2}$ NW $\frac{1}{4}$ Section 17; all in T95N-R56W. (Water Rights, 2017a).

The next nearest water right/permit is located approximately 0.9 miles to the northwest (Water Rights, 2017a). Given the distance to this well and that the LJM:S aquifer is unconfined in this

area, the drawdown in nearby wells as a result of pumping is not expected to be significant. This permit, if approved, is not expected to adversely impact adequate wells in the area.

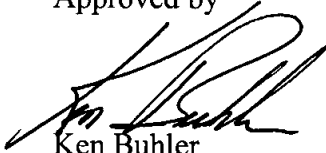
CONCLUSIONS

1. This application proposes to appropriate water from an existing well (320 feet deep) completed in the Scotland management unit of the Lower James Missouri aquifer with no increase of the maximum diversion rate for the irrigation of 66.9 acres.
2. There is a reasonable probability that unappropriated water is available from the Lower James Missouri: Scotland aquifer to supply the 66.9 acres.
3. There is a reasonable probability that the additional use from the existing well as proposed by this application will not adversely impact adequate wells for existing water rights and domestic use.
4. This well may also provide irrigation water for Water Permit No. 8073-3. Approval of this application does not change the existing permit or the qualifications on that permit.



John Farmer
SD DENR – Water Rights Program

Approved by



Ken Buhler
SD DENR – Water Rights Program

REFERENCES

- Bugliosi, E.F., 1986. Water Resources of Yankton County, South Dakota. Water Resources Investigations Report 84-4241. U.S. Geological Survey. 41 p.
- Drinking Water. 2016. "Bon Homme-Yankton RWS Drinking Water Information", SD DENR-Drinking Water Program, Joe Foss Bldg., Pierre, South Dakota.
- Hedges, L.S., Burch, S. L., Iles, D. L., Barari, R. A., and Schoon, R. A. 1982. Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota, and Iowa. Task 1: Bedrock Topography and Distribution, Task 2: Extent of Aquifers, Task 3: Ground-Water Storage, Task 4: Computerized Data Base, Final Report. U.S. Army Corps of Engineers Contract DACW 45-80-C-0185.

- Hedges, L.S., Allen, J. and Holly, D.E. 1985. Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota, and Iowa. Task 7: Ground-Water Recharge. U.S. Army Corps of Engineers Contract DACW 45-80-C-0185.
- Jorgensen, D.G., 1971, Geology and Water Resources of Bon Homme County, South Dakota: Part II: Water Resources: South Dakota Geological Survey Bulletin 21(2), 61 p. 33 figs. 15 tables
- Tomhave, D.W., and Schulz, L.D., 2004, Bedrock Geologic Map Showing Configuration of the Bedrock Surface in South Dakota East of the Missouri River: South Dakota Geological Survey General Map 9, scale 1:500,000
- Water Rights. 1980-2016. "1979-2015 Irrigation Summaries by Aquifer": SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, South Dakota.
- Water Rights. 2017a. Water Right/Permit Files. SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, South Dakota.
- Water Rights. 2017b. Well Completion Report Files. SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, South Dakota.
- Water Rights. 2017c, "Observation Well Database", SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, South Dakota.

AFFIDAVIT OF PUBLICATION

YANKTON DAILY PRESS AND DAKOTAN

RECEIVED

JUN - 5 2017

WATER RIGHTS
PROGRAM

LARRY SKOREPA
29922 435TH AVE
UTICA SD 57067

STATE OF SOUTH DAKOTA
COUNTY OF YANKTON

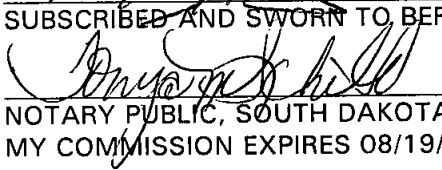
KELLY HERTZ, BEING FIRST DULY SWORN ON OATH DEPOSES
AND SAYS THAT (S)HE IS THE MANAGING EDITOR OF YANKTON
MEDIA INC, A CORPORATION, THE PRINTER AND THE PUBLISHER OF THE
YANKTON DAILY PRESS AND DAKOTAN, A LEGAL DAILY NEWSPAPER
PUBLISHED AND CIRCULATED IN THE CITY OF YANKTON, SAID COUNTY
AND STATE, AND ONE OF THE OFFICIAL NEWSPAPERS OF THE SAID
COUNTY OF FACTS STATED IN THIS AFFIDAVIT; THAT THE ANNEXED
6 + 1 NOTICE OF APPLICATION

TAKEN FROM THE PAPER, IN WHICH IT WAS LAST PUBLISHED IN THE
NEWSPAPER ON THE 1st DAY OF June, 2017
THAT THE FULL AMOUNT OF THE FEE CHARGED FOR THE PUBLICATION
OF SAID NOTICE TO WIT \$29.25 ENSURES TO THE
BENEFITS OF THE PUBLISHER OF SAID NEWSPAPER AND THAT NO
AGREEMENT AND UNDERSTANDING FOR THE DIVISION THEREOF HAS
BEEN MADE WITH ANY OTHER PERSON, AND THAT NO PART THEREOF
HAS BEEN AGREED TO BE PAID TO ANY PERSON WHOMSOEVER.

PUBLISHED ON: 06/01/2017

FILED ON: 06/01/2017


SUBSCRIBED AND SWORN TO BEFORE ME THIS 1st DAY OF June, 2017


NOTARY PUBLIC, SOUTH DAKOTA
MY COMMISSION EXPIRES 08/19/2021

Ad text : 6 + 1

NOTICE OF APPLICATION NO. 8275-3 to Appropriate Water

Notice is given that Larry & Lisa Skorepa, 29922 435th Ave, Utica SD 57067 has filed an application for a water permit to appropriate water from one existing well completed into the Lower James Missouri:Scotland Aquifer (320 feet deep) located in the SW 1/4 SW 1/4 Section 8 for irrigation of 66.9 acres located in the E 1/2 NW 1/4, NE 1/4 SW 1/4, SW 1/4 NE 1/4, NW 1/4 SE 1/4 Section 17; all in T95N-R56W. The well is currently authorized by Water Permit No. 8073-3 appropriating 1.78 cubic feet of water per second (cfs) for the irrigation of 120 acres located in the SW 1/4 Section 8 and N 1/2 NW 1/4 Section 17; all in T95N-R56W. This permit application seeks to increase the permitted acreage from 120 acres to 186.9 acres and does not seek to increase the diversion rate beyond 1.78 cfs.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 8275-3 with qualifications 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 Engineers recommendation with qualifications, the application, and staff report are available at <http://denr.sd.gov/public> or contact Eric Gronlund for this information, or other information, at the Water Rights Program address provided below.

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 12, 2017.

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.

If the applicant does not contest the recommendation of the Chief Engineer and no petition to oppose the application is received, the Chief Engineer shall act on the application pursuant to the recommendation with no hearing held before the Water Management Board. 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.

Steven M. Pirner, Secretary, Department of Environment and Natural Resources.
Published once at the total approximate cost of \$29.25.

Schlaak, Karen

From: Schlaak, Karen
Sent: Wednesday, May 24, 2017 2:30 PM
To: 'Tera Schmidt'
Subject: 8275-3, Larry & Lisa Skorepa
Attachments: 8275-3public.short.docx; FORM8.FRM.doc

Attached is a notice to be published on June 1, 2017.

Larry & Lisa Skorepa, 29922 435th Ave, Utica SD 57067 (605 364-7422 or cell 605 661-6453) has been notified to contact you to authorize publication and arrange for payment.

Please send the affidavit or return the attached Proof of Publication form ASAP to the Water Rights Program, 523 E Capitol, Pierre SD 57501.

Let me know if you have questions. Please acknowledge receipt of this email.

Karen Schlaak
SD DENR, Water Rights Program
(605) 773-3352



NOTICE OF APPLICATION NO. 8275-3 to Appropriate Water

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If the applicant does not contest the recommendation of the Chief Engineer and no petition to oppose the application is received, the Chief Engineer shall act on the application pursuant to the recommendation with no hearing held before the Water Management Board. 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.

Steven M. Pirner, Secretary, Department of Environment and Natural Resources. Published once at the total approximate cost of _____.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

denr.sd.gov

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

May 24, 2017

Larry & Lisa Skorepa
29922 435th Ave
Utica SD 57067

Dear Mr. & Mrs. Skorepa:

Water Permit Application No. 8275-3 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Press & Dakotan printed at Yankton SD (Ph # 605-665-7811). You will need to contact the newspaper(s) and authorize publication of this notice. For your information, a copy of the notice, the recommendation of the Chief Engineer and report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper(s) to authorize publication of your Notice and to arrange for payment. Early contact with the paper(s) can eliminate delays. Upon receiving authorization from you, the publisher has been instructed to publish your notice. The newspaper has also been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,

Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

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



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

denr.sd.gov

JUN 21 2017

Larry and Lisa Skorepa
29922 435th Ave
Utica SD 57067

Dear Mr. & Mrs. Skorepa:

Enclosed is Water Permit No. 8275-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

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

Sincerely,

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

enclosures



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

January 22, 2021

NOTICE

TO: LARRY SKOREPA, 29922 435TH AVE, UTICA, SD 57067

FROM: Ron Duvall, Natural Resources Engineer
for Jeanne Goodman, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2020 Irrigation Questionnaire(s)

Our records indicate your 2020 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 7436-3, 8073-3 & 8275-3. The request for the Questionnaire was dated October 23, 2020. The Water Management Board has directed that owners of water permits who have not submitted the 2020 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 7436-3, 8073-3 & 8275-3 qualification:

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

The hearing will be held at **Wednesday, March 3, 2021 at 10:00 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 7436-3, 8073-3 & 8275-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is (are) received in this office before the **March 3, 2021** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://denr.sd.gov/iq> using this password: YCONCC**

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

8275-3



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

March 2, 2021

7436-3
8073-3
8275-3

Larry Skorepa
29922 435th Ave
Utica SD 57067

Dear Mr. Skorepa:

I am writing to acknowledge receipt of your 2020 irrigation questionnaires. They came in online on January 25th.

You may disregard the January 22, 2021, "Notice" concerning reporting requirements for Water Permit Nos. 7436-3, 8073-3 & 8275-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "Genny McMath".

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

8275-3

NOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USEDate June 4, 2021

MAIL TO: PMB 2020

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

Ph: (605) 773-3352

FROM: Larry Skorepa
(name)29922 435th Ave.
(address)Utica SD 57067 605-661-6453
(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. 8275-3 states that the water use system is to be constructed byJune 12, 2022, and water is to be put to beneficial use by June 12, 2026.
(date) (date)The water use system was completed on June, 2019
(date)Applying the water to beneficial use was completed on June, 2019
(date)

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

Larry Skorepa
(signature)

**Report of Examination of Works and/or Application of Water to Beneficial Use
For Permit No. 8275-3**

I have this day, May 25, 2021, made a thorough examination of the water use system owned by Larry and Lisa Skorepa, 29922 435th Ave, Utica, SD 57067, the holders of Permit No. 8073-3 and 8275-3, bearing the priority of January 12, 2015 and March 27, 2017 (respectively) authorizing the diversion of 1.78 cu. ft. per second of the waters of groundwater (Lower James Missouri: Scotland) for irrigation from one well groundwater (Lower James Missouri: Scotland) located in Yankton County.

Inspection contact: Larry Skorepa

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Grosch Irrigation Co., Inc.
- 2) No. of Wells: 1
- 3) Depth(s): 320 feet
- 4) Well log is available: Yes

Casing:

- 1) Diameter: 16 inches
- 2) Length: 220 feet
- 3) Type: Plastic

Screen:

- 1) Diameter: 16 inches
- 2) Length: 100 feet
- 3) Type: PVC
- 4) Static water level: 224 feet

Pump:

- 1) Make: Hydroflo
- 2) Model: 12KS-6
- 3) Capacity: 900 gpm

Motor:

- 1) Make: General Electric
- 2) Model No.: 5KE405DTT6012D1
- 3) Horsepower rating: 125 hp

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

- 1) Type: PVC
- 2) Size: 8 inches
- 3) Length: 3,690 feet

C. Works used to apply water to beneficial use:

Center Pivot:

- 1) Make: Zimmatic
- 2) Overall length: 1,248 feet
- 3) Number of towers: 7
- 4) End gun: Yes
- 5) Capacity: 900 gpm

Chemigation Equipment:

- 1) Does chemigate: Yes
- 2) Main line check valve: Yes
- 3) Inspection port/air relief: Yes
- 4) Low pressure drain: Yes
- 5) Discharge is 20' from source: Unknown

- 6) Interlock type: Electrical
- 7) Injection pump: Positive Displacement
- 8) Injection check valve: Yes
- 9) Injection line check valve or positive displacement pump: Yes

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by: Yes
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period: Yes
- 3) Exceptions to compliance are: None

E. Condition and Location:

- 1) The system is in good condition with the point(s) of diversion located as follows:
The well is 50 feet east and 90 feet north of the southwest corner of Section 8-T95N-R56W
(Latitude 43.053600, Longitude -97.497220 – SW1/4 of the SW1/4).
- 2) The works are capable of diverting and conveying to the place of use 2.0 cu. ft. per second of water which is to be used for irrigation purposes. Water has been put to beneficial use to the maximum extent as follows:

Section 17-T95N-R56W

NW ¼ NW ¼	3 acres*
NE ¼ NW ¼	1 acre
SE ¼ NW ¼	13 acres
SW ¼ NE ¼	22 acres
NE ¼ SW ¼	11 acres
NW ¼ SE ¼	20 acres

Section 8-T95N-R56W*

SW ¼ NW ¼	12 acres
NW ¼ SW ¼	38 acres
NE ¼ SW ¼	11 acres
SW ¼ SW ¼	36 acres
SE ¼ SW ¼	7 acres

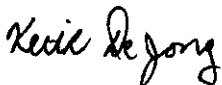
* 107 acres from 8073-3

67 acres from 8275-3

Total irrigated acres: **174** with license to be issued for **1.78 cfs**

- 3) All structures, wells, and lands on map Yes

F. Comments or other permit(s) associated with the project: Water Permit No. 8275-3 increased the acreage being served by the well authorized under Water Permit No. 8073-3 and did not increase the diversion rate. Water Permit Nos. 8073-3 and 8275-3 will be licensed together. Mr. Skorepa stated that he has used chemigation at least once in the past. He has not used it for a few years, but he may use it in the future. There was not any chemigation equipment at the well site and he stated that he keeps the equipment in his workshop.



Keith DeJong, Water Rights Inspector
DANR, Water Rights Program

Date report completed: **June 2, 2021**

8275-3

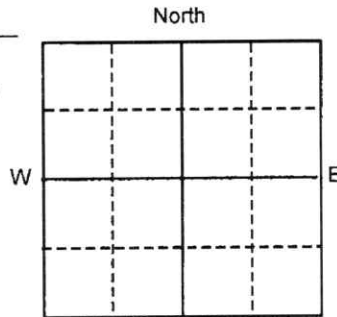
SD EForm - 1621LD V1

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SW ¼ SW ¼ Sec 8 Twp 95 Rg 56

County Yankton

Please mark well
location with an "X"

Well Completion Date

June 3, 2015

1 Mile

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

2,500.0 ft. from Septic tank (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

Reverse Rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
20.0 LB/FT	16.00 IN	1.0 FT	220.0 FT	28.00 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
Cement	50	15.5 Lb/gal	20.0 Ft	0.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure
Pumped Tremie Pipe

SCREEN:

☒ Perforated pipe ☐ Manufactured

Diameter 16.00 Inches Length 100.0 Feet

Material PVC

Slot Size .051 Set From 220.0 Feet to 320.0 Feet

Other information

WAS A PACKER OR SEAL USED? ☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? HTH☐ No, Why Not?Lab to which water
quality sample sent for analysis

Well Owner: Larry Skorepa

Business Name:

Address: 29922 435 Ave

City, State, Zip: Utica SD 57067

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Top soil	0	2
Clay, brown silty, pebbly, rocky	2	38
Gravel, brown, sandy	38	161
Gravel, gray, sandy, some chalk	161	220
Gravel, gray, sandy, coarse	220	320

STATIC WATER LEVEL 224.0 FEET

If flowing: closed in pressure PSI

GPM flow through Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

Reduced flow rate GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe:☐ Bailed☐ Other

Pumping Level Below Land Surface

232.0 Ft. After 3.0 Hrs. pumped 668.0 GPM

240.0 Ft. After 3.0 Hrs. pumped 885.0 GPM

If pump installed, pump rate: GPM

REMARKS

RECEIVED

JUN - 9 2015

WATER RIGHTS
PROGRAMThis well was drilled under license # 189 and this
report is true and accurate.

Drilling firm: Grosch Irrigation Co., Inc.

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date:

6-11-15

Licensing of Acreage Outside of Permitted Area

NAME: Larry Skorepa

ADDRESS: 29922 435th Ave, Utica, SD 57067

DATE: 06-24-2021 COUNTY: Yankton

AUTHORITY

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

NO INCREASE IN PERMITTED ACREAGE OR WATER APPROPRIATED:

The acreage developed for irrigation is 107 acres as compared to 120 acres authorized by the permit.

UNPERMITTED ACREAGE:

- **Contiguous to Permitted Acreage**

The land permitted in No. 8073-3 is for the NW ¼ NW ¼ Sec 17 and SW ¼ Sec 8, the additional 12 acres are located in SW ¼ NW ¼ of Sec 8; all in T95N-R56W adjacent and connected to the permitted acres .

- **Owned by Same Property Owner**

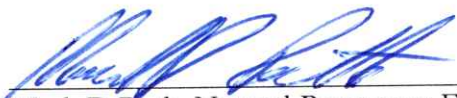
Mr. Larry Skorepa owns all the land involved.

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

Yes

RECOMMENDED ACTION

Based on the above criteria, it is recommended that the 12-acre area be included in the water license.



Mark D Rath, Natural Resources Engineer
Water Rights Program

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

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



Eric Gronlund, Chief Engineer
Water Rights Program

Water Right No. 8073-3

Sec 7
T95N-R56W

SW NW
12 acres

Center of Sec 8
T95N-R56W

Water Right No. 7436-3

Sec 9
T95N-R56W

Well Location
From the SW corner of
Sec 8 T95N-R56W

50 Ft. East
90 Ft. North

1,380 Feet of 8" PVC
Underground Piping

Well Coordinates
Lat: 43.053600
Long: -97.497220

NW SW
38 acres

NE SW
11 acres

SW SW
36 acres

SE SW
7 acres

NW NW
3 acres

Total = 107 acres

Water Right No. 8275-3

Sec 16
T95N-R56W

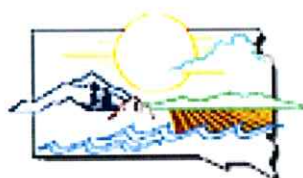
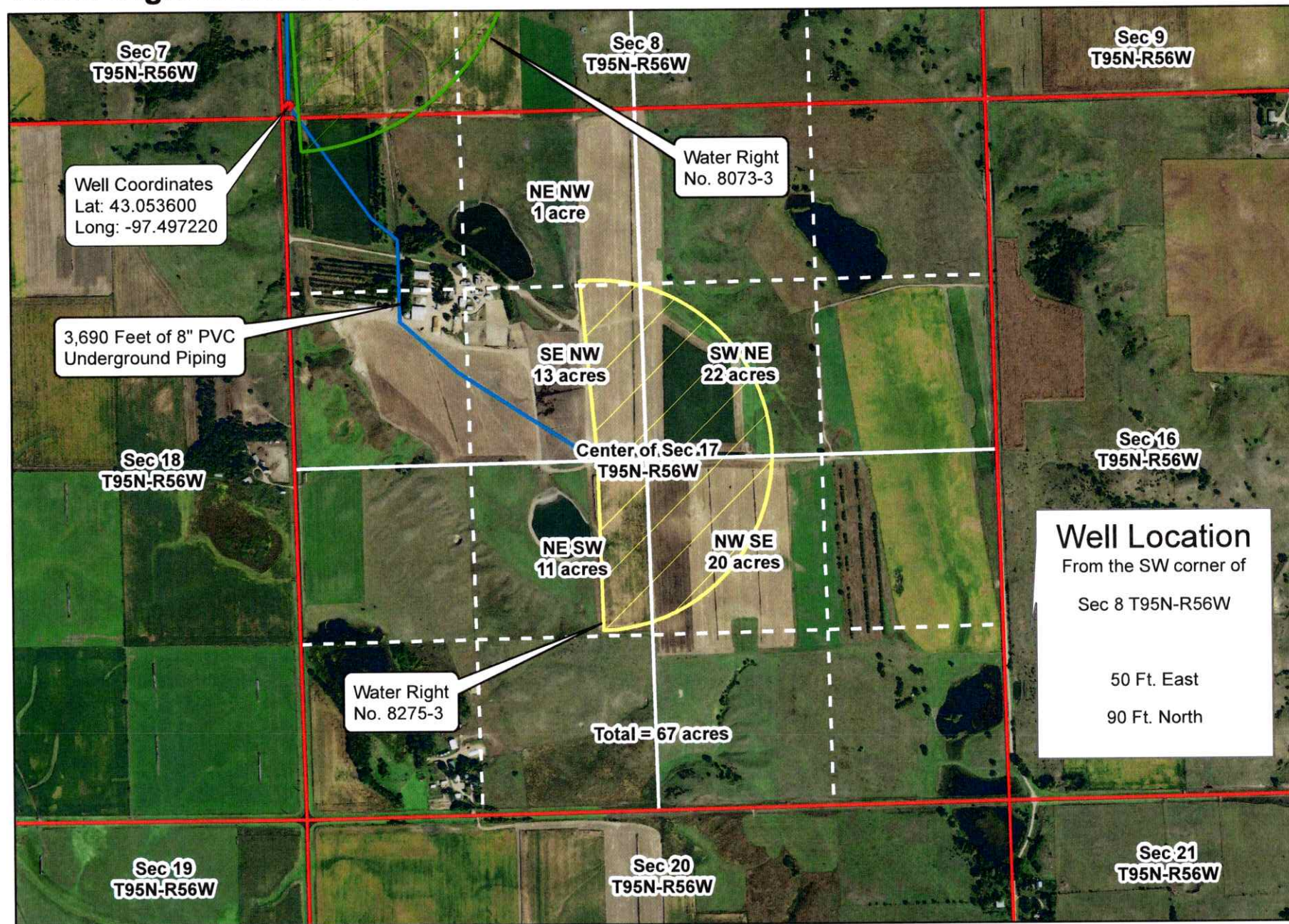
Center of Sec 17
T95N-R56W

Sec 18
T95N-R56W



Keith DeJong

Water Right No. 8275-3



Keith DeJong
Keith DeJong, PE
Staff Engineer
June 2, 2021



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

JUL 13 2021

8073-3
8275-3

Larry & Lisa Skorepa
29922 435th Ave
Utica SD 57067

Dear Mr. & Ms. Skorepa:

Enclosed is Water License No. 8275-3. This is the final water right document completing your process of obtaining a Water Right. Included with your license is a map prepared by the staff engineer who conducted the field investigation.

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

Upon licensing, the applicable portions of Water Permit No. 8073-3 were incorporated into No. 8275-3. As long as you use the water beneficially, as stated in the Water License, State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

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

enclosures

NOTE: The investigation found your irrigation system capable of diverting 2.00 cubic feet of water per second (cfs) which is equivalent to 900 gallons per minute (gpm). Diversion of water under Nos. 8073-3 & 8275-3 was limited to 1.78 cfs or 800 gpm at the time of permitting. Diversion of water under this water license is limited to 1.78 cfs.

STATE OF SOUTH DAKOTA WATER LICENSE NO. 8275-3

(1) Larry & Lisa Skorepa, 29922 435th Ave., Utica SD 57067 made Application No. 8275-3, March 27, 2017 for a water permit to add acreage to be irrigated from a well authorized under Water Permit No. 8073-3. Water Permit No. 8275-3 did not authorize an increase in diversion from the existing well (Lower James Missouri Scotland Aquifer). The project is located in Yankton County, South Dakota with water used for irrigation purposes. Permit No. 8275-3, with a priority date of March 27, 2017 was approved June 12, 2017 and issued to the applicants for diversion of water with construction of the described water supply system to be completed on or before June 12, 2022 and for the application to beneficial use of water on or before June 12, 2026.

The Permit holders submitted a "Notice of Completion of Works and Application of Water to Beneficial Use" on June 4, 2021. The "Notice" stated the water use system was completed water placed to beneficial use in June 2019.

Water Permit No. 8073-3, with a priority date of January 12, 2015, authorized diversion of 1.78 cubic feet of water per second (cfs) from one well to irrigate 120 acres. Water Permit No. 8275-3, with a priority date of March 27, 2017, added 66.9 acres with no additional diversion rate from the existing well. The applicable portions of Water Permit No. 8073-3 are incorporated into Water License No. 8275-3.

(2) It is certified that the permit holders have complied with the provisions of South Dakota State Law relating to completion of the water supply system and are entitled to divert 1.78 cubic feet of water per second for beneficial use. The well supplying water to the acreage is located as follows:

- 50 feet east and 90 feet north of the southwest corner of Section 8, T95N, R56W (SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec 8)
Latitude 43.053600, Longitude -97.497220

Water from the above well may also be used to supply year round domestic use to the farmstead.

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

Section 17, T95N, R56W		Section 8, T95N, R56W	
NW $\frac{1}{4}$ NW $\frac{1}{4}$	3 acres	SW $\frac{1}{4}$ NW $\frac{1}{4}$	12 acres
NE $\frac{1}{4}$ NW $\frac{1}{4}$	1 acre	NW $\frac{1}{4}$ SW $\frac{1}{4}$	38 acres
SE $\frac{1}{4}$ NW $\frac{1}{4}$	13 acres	NE $\frac{1}{4}$ SW $\frac{1}{4}$	11 acres
SW $\frac{1}{4}$ NE $\frac{1}{4}$	22 acres	SW $\frac{1}{4}$ SW $\frac{1}{4}$	36 acres
NE $\frac{1}{4}$ SW $\frac{1}{4}$	11 acres	SE $\frac{1}{4}$ SW $\frac{1}{4}$	7 acres
NW $\frac{1}{4}$ SE $\frac{1}{4}$	20 acres		

Total 174 acres

Priority dates:

January 12, 2015 (8073-3) for all of Section 8 and the NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 17, T95N, R56W (107 acres)
including the well located in Section 8 and 1.78 cfs

March 27, 2017 (8275-3) for the remaining land in Section 17, T95N, R56W (67 acres)

continued

(4) Pursuant to South Dakota Water Law 46-5-30.1 Larry & Lisa Skorepa, 29922 435th Ave., Utica SD 57067 the holders and/or owners of Incorporated Water Right No. 8275-3 are issued a license to appropriate water, the right to use 1.78 cubic feet of water per second from ground water, one well (Lower James Missouri Scotland Aquifer) with priority dates of January 12, 2015 (1.78 cfs & 107 acres) and March 27, 2017 (67 acres) from the location specified in (2) of this license for irrigation purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 8275-3 and subject to the following qualifications:

- The well approved under Nos. 8073-3 and 8275-3 will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owners under this water right shall control withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
- This Water Right is approved subject to the irrigation water use questionnaire being submitted each year.

Eric Gronlund

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

JUL 13 2021

date

