

WATER PERMIT NO. 8478-3

Name of Applicant: Xcel Energy

Address: 45912 149th St, ^{marvin}Summit SD 57266⁵⁸

Phone: 763 226-5251

Amount of Water Claimed: 0.022 cfs

Total Acres: NA

Source of Water Supply: groundwater (one well)

Water to be used for: commercial

County: Grant

Type of Waste Disposal System:

Location: 5 miles south of Summit

PRIORITY Date Received: 1-22-21

Application/License Fee: \$ 300

Corrected Application Received: 1-25-21

Period of Annual Use: January 1 – December 31

Remarks:

Diversion Point: SW 1/4 SW 1/4 Sec 1-T120N-R52W

Land to be Irrigated: NA

Depth of Well: 132 feet deep

Well Driller:

Remarks:

Type of Map: plat

Prepared by:

Reviewed and the Number Assigned on: 2-25-21

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____

			1		
	⊗				

**SOUTH DAKOTA
WATER PERMIT NO. 8478-3**

Date of first receipt of application January 22, 2021.

Date of return to applicant for corrections, amendments or changes January 22, 2021.

Date of receipt of corrected application January 25, 2021.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 8478-3 to Xcel Energy, c/o Tyler Yseth, 15087 458th Ave, Summit SD 57266 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. 8478-3 appropriates an amount not exceeding 0.22 acre-feet of water annually at a maximum pump rate of 0.022 cubic feet of water per second from one well completed into the Prairie Coteau Aquifer (132 feet deep) located in the SW 1/4 SW 1/4 Section 1-T120N-R52W for commercial use at the Operations and Maintenance building for Dakota Range Wind Farm. This site is located approximately 5 miles south of Summit SD.
2. The water appropriated shall be used for the purpose of commercial use and may not exceed the amount of water needed for beneficial use.
3. The water is to be used during the following described annual period: January 1 – December 31.
4. The date of approval of Permit No. 8478-3 is April 19, 2021.
5. The date from which applicant may claim right is January 19, 2021.
6. One-fifth of the construction is to be completed on or before October 19, 2023.
7. All construction is to be completed on or before April 19, 2026.
8. Water is to be put to beneficial use on or before April 19, 2030.
9. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATION

The well approved under Water Permit No. 8478-3 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.

WATER MANAGEMENT BOARD

By: Eric Grönlund
Eric Grönlund, Chief Engineer
Water Rights Program
Department of Agriculture and Natural Resources

MAY 17 2021
date



RECEIVED

SD EForm - 1585LD V5

FORM 2: Application for uses other than irrigation
(type or print)

JAN 22 2021

Mail to: DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>8478-3</u>	(office use only) Hydrologic Unit <u>10170202</u>	WATER RIGHTS PROGRAM
	Basin <u>Sioux River</u>		
	Newspaper <u>Grant Co Review, Milbank</u>		
	<u>Public Opinion</u>		

PAID

JAN 22 2021

Ck# 1312590

Application For Permit To Appropriate Water Within The State Of South Dakota

Check use(s) of water:

☐ Municipal	☐ Water Distribution System	☐ Recreational	☐ Institutional
☐ Rural Water System	☒ Commercial	☐ Fish & Wildlife	☐ Geothermal
☐ Domestic (over 18 gpm)	☐ Industrial	☐ Other	

Type of Application:
(check one)

☒ New	☐ Vested Right (Use predates Mar 2, 1955)	☐ Future Use Reservation
☐ Place to Beneficial Use Water Reserved by Future Use Permit No. _____		
☐ Amendment/Correction to Permit No. _____		

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

mailing address: 15087 458th Ave
Summit SD 572661. Name to Appear on Water Permit Xcel Energy

Facility Mailing Address 45912 149th St. Summit Marvin SD 57266-5729
(Address) (City) (State) (Zip Code)

Phone (763)226-5251 Mobile (763)226-5251 Email tyler.yseth@mortenson.com

2. Amount of water claimed 0.022 *CFS or 10 **GPM and 21 ***AF or 70,000 Gallons
Flow rate and volume are both required. (*Cubic Feet per Second) (**Gallons per Minute) (**Acre Feet - storage capacity of dam/dugout or annual use)

3. Source of water supply Well

4. Location of point of diversion 1 well in SW 1/4 SW 1/4 section 1-T120N-52W County Grant
(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)

If not a public water supply (e.g. municipal), will water be used outside of the area described above? ☐ Yes ☒ No

If "Yes," where will water be used? _____

(example - NW1/4 section 12-T104N-R53W)

5. County or counties where water will be used Grant County6. Annual period during which water is to be used Year Long commercial use beginning in May 2021

7. Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

This permit is intended for water use at the Operations and Maintenance building at the Dakota Range Wind Farm located in Grant County.

I, Tyler Yseth Project Engineer, 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.

2015-10

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

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 1 Have test holes been drilled ☒ Yes ☐ No Drilled by Steffl Drilling & Pump Inc
(if yes, please provide copies of logs)
- b) If existing wells, how many Provide copy of log(s), if available. Drilled by

For either Existing or Proposed Wells:

- c) Well Depth (required) 132' Depth to Top of Water Bearing Material 92' Depth to Water from Surface 40'
- d) Distance to nearest domestic well on applicant's property None Property owned by others

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) Septic Tank
- b) System Capacity (gallons) 1,600.00 Year Constructed 2021
- c) Connected to the City of N/A Sanitary System

3. Dugout Information

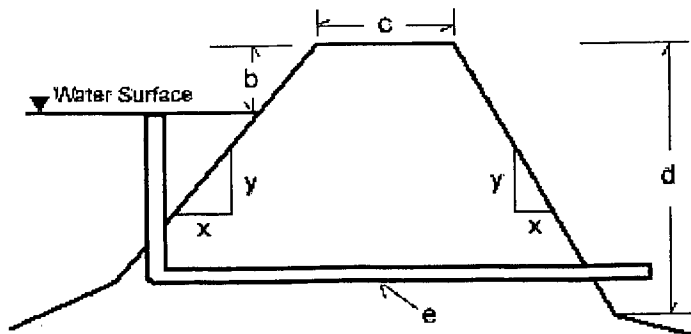
- a) Surface Dimensions N/A Depth N/A
- b) Depth to water (ground surface to water level) N/A

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:

N/A No Water Storage Dams



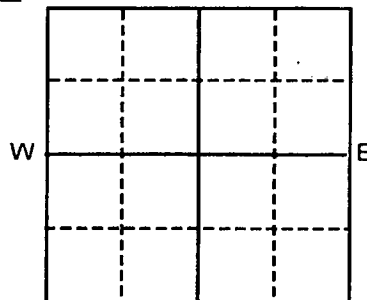
- b) Freeboard
- c) Crest Width
Crest Length
- d) Height
- e) Primary Outlet Capacity
If pipe, diameter
- f) Secondary Spillway Capacity
Spillway Width
- g) X & Y Slope (e.g. 3 to 1 is a typical slope)
Upstream
Downstream
- h) Surface Area of Impoundment
- i) Storage Acre Feet
- j) Drainage Area Above Dam Acres

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SW ¼ SW ¼ Sec 1 Twp 120 Rg 52Well Owner: Xcel EnergyBusiness Name: Xcel EnergyAddress: 414 Nicollet MallCity, State, Zip: Minneapolis Mn 55401County Grant

North

Please mark well
location with an "X"

Well Completion Date

October 19, 2020

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

PROPOSED USE:

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

METHOD OF DRILLING:

Rotary

CASING DATA:

If other describe _____

☐ Steel ☒ Plastic ☐ Other

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	<u>4.00</u> IN	<u>0.0</u> FT	<u>122.0</u> FT	<u>6.50</u> IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
<u>HS Bentonite</u>	<u>7</u>	Lb/gal	<u>0.0</u> Ft	<u>122.0</u> Ft
		Lb/gal	Ft	Ft

Describe grouting procedure _____

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 3.00 InchesLength 10.0 FeetMaterial Stainless SteelSlot Size 12 Set From 122.0 Feet to 132.0 Feet

Other information

Double leader & KpackerWAS A PACKER OR SEAL USED? ☒ Yes ☐ NoIf so, what material? Rubber

Describe packer(s) and location

Top of leader

DISINFECTION: Was well disinfected upon completion?

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

WELL LOG:

			DEPTH	
FORMATION			FROM	TO
clay	yellow	S	0	1
gravel/ bolders	yellow	Course	1	22
clay	tan	M-H	22	40
clay/rocks	blue	H	40	52
clay	blue	M	52	120
sand streaks	blue		120	122
sand	blue	12-18slt	122	132
clay			132	

STATIC WATER LEVEL 40.0 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: Air☐ Bailed☐ Other

Pumping Level Below Land Surface

90.0 Ft. After 2.0 Hrs. pumped 15.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ GPM

REMARKS

GPS: 45 13 27.00N 97 01 25.30WThis well was drilled under license # 463 and this report is true and accurate.Drilling firm: Steffl Drilling & Pump Inc

Signature of License Representative: _____

Signature of Well Owner or Equitable Property Holder: _____

RECEIVED

DEC 17 2020

WATER RIGHTS
PROGRAM

Date: _____

Laboratory Results
October 28, 2020

Report To: Steffl Drilling & Pump
2295 66th Ave NE
Willmar, MN, 56201

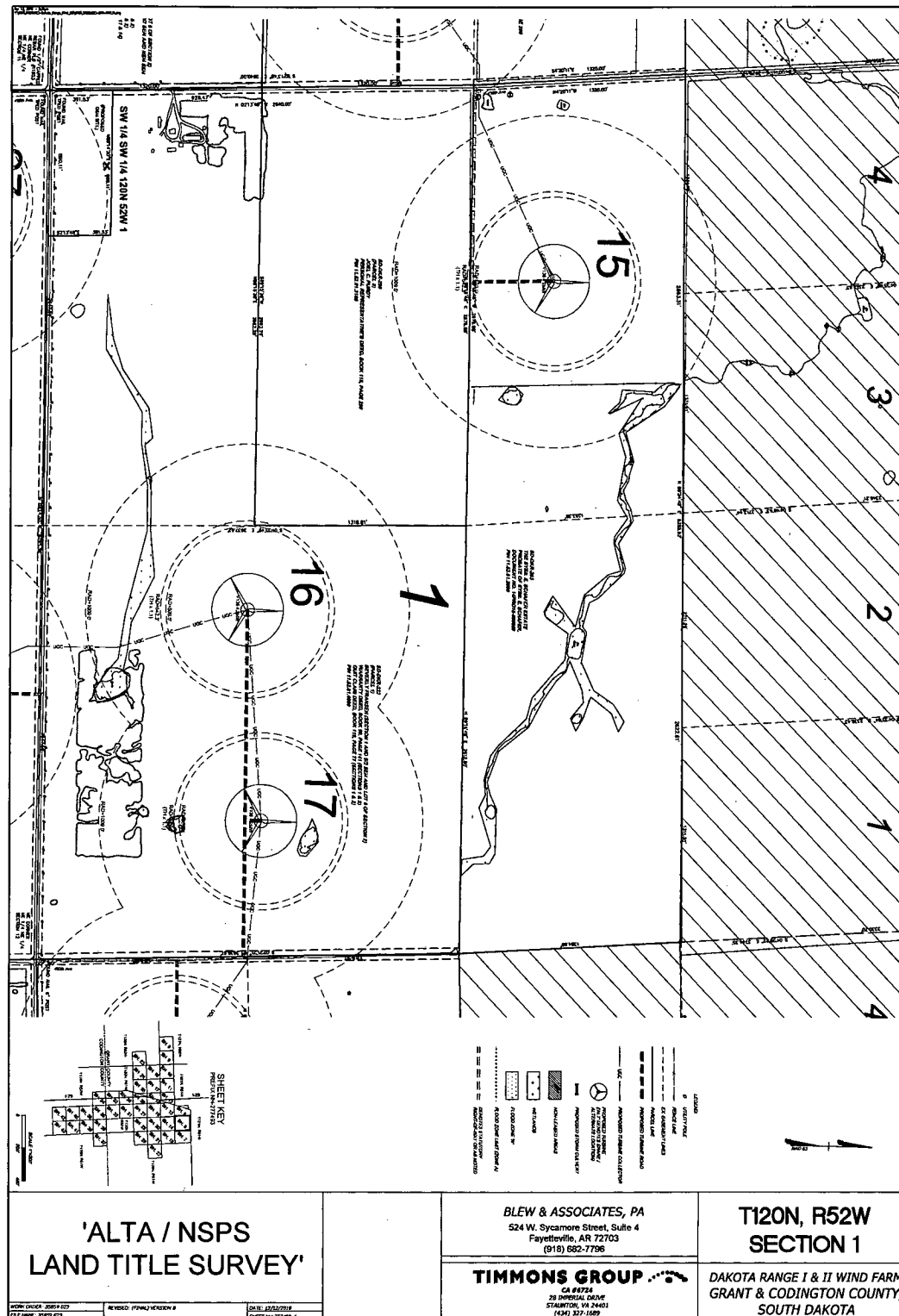
Bill To: Steffl Drilling & Pump
2295 66th Ave NE
Willmar, MN, 56201

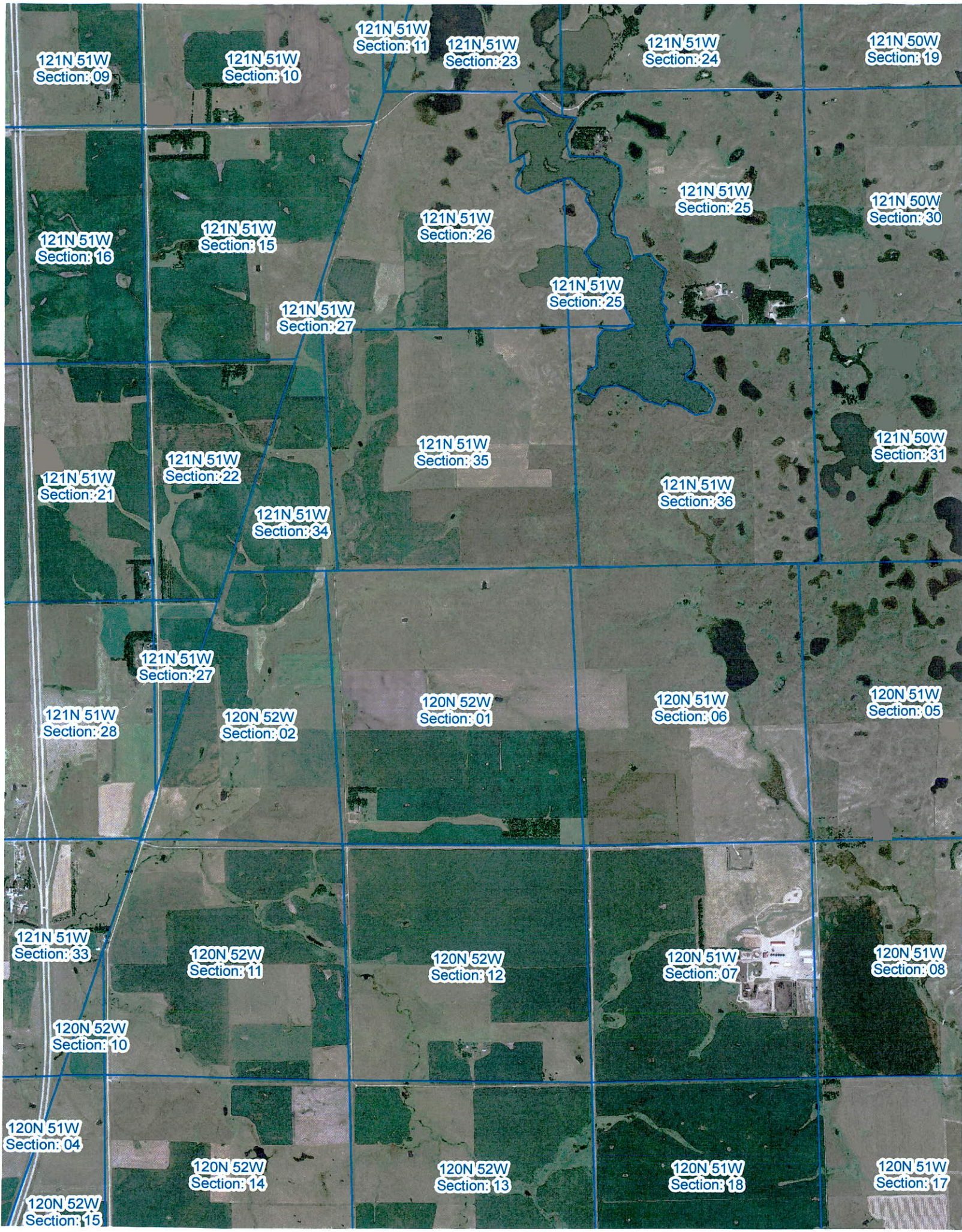
Lab Code:	D006980-01	Sample Description:	45912 149th Street, Summit, SD 57266
Matrix:	Water	Property Owner Name:	Xcel Energy
Date/Time Sampled:	10/21/2020 08:30	Sampling Point:	Well
Date/Time Received:	10/21/2020 18:37	Unique Well ID:	Unknown
Samplers:		Sample Receipt Information:	Samples received on ice.
Sample Receipt Temperature °C	4.6		Samples received same day as collected.

Analyte	Result	Units	Analyte Qualifiers	RL	DF	Allowable Limit	Analysis Method	Preparation Method	Analyzed	Facility
Microbiological										
Total Coliform	< 1.0	MPN/100 mL		1.0	1	Absent	SM9223B-2004		10/22/20 10:44	DL
Bacteria MPN										
Laboratory Interpretation: The Total Coliform result MEETS the primary drinking water standards set by the US Environmental Protection Agency.										
E. Coli Bacteria	< 1.0	MPN/100 mL		1.0	1	Absent	SM9223B-2004		10/22/20 10:44	DL
MPN										
Laboratory Interpretation: The E. Coli result MEETS the primary drinking water standards set by the US Environmental Protection Agency.										
Classical Chemistry Parameters										
Nitrate as N	< 0.0300	mg/L		0.0300	1	10	EPA 353.2 (calc.)		10/22/20 14:24	DL
Laboratory Interpretation: The Nitrate as N result MEETS the primary drinking water standards set by the US Environmental Protection Agency.										
Specific conductance	682	uS/cm		0.100	1	-	SM2510 B-2011		10/26/20 13:28	HB
Anions by IC										
Sulfate as SO4	< 0.5	mg/L		0.5	1	-	EPA 300.0		10/23/20 17:02	HB
Metals (Total) by ICP										
Sodium	39.4	mg/L		1.0	1	-	EPA 200.7	EPA 200.7	10/27/20 09:06	HB

Qualifiers and Definitions

Item	Definition
RL	Reporting Limit
DF	Dilution Factor
DL	Indicates test performed by RMB Environmental Laboratories - Detroit Lakes.
HB	Indicates test performed by RMB Environmental Laboratories - Hibbing.





Schlaak, Karen

From: Tyler Yseth <Tyler.Yseth@mortenson.com>
Sent: Monday, January 25, 2021 11:42 AM
To: Schlaak, Karen
Subject: RE: [EXT] Temporary permit - Grant County
Attachments: Dakota Range - Water Rights Permit for Nonirrigation Use - SDDENR Map.pdf

Hi Karen,

Attached is the map that satisfies this requirement:

- A map needs to be submitted that references a government section corner or quarter corner including section, township and range. Please mark the well location with an "X".

The annual water usage will be 70,000 gallons per year.

Please let me know if anything else is needed.

Tyler Yseth, Project Engineer

Wind Energy

15087 458th Ave
Summit, SD 57266

Mortenson | Let's Redefine Possible™

direct 763.287.5574 | mobile 763.226.5251

email tyler.yseth@mortenson.com

www.mortenson.com/Wind



From: Schlaak, Karen <Karen.Schlaak@state.sd.us>
Sent: Monday, January 25, 2021 11:08 AM
To: Tyler Yseth <Tyler.Yseth@mortenson.com>
Subject: RE: Temporary permit - Grant County

Received the check for payment. Still need the other items listed in my previous email.
Karen

From: Tyler Yseth <Tyler.Yseth@mortenson.com>
Sent: Tuesday, January 19, 2021 11:46 AM
To: Schlaak, Karen <Karen.Schlaak@state.sd.us>
Subject: RE: [EXT] Temporary permit - Grant County

Hi Karen,

That sounds good; I will get these documents compiled.

Would you be able to accept a cc payment instead of a check? That makes things easy on our end. No worries if not.

Tyler Yseth, Project Engineer

Wind Energy

15087 458th Ave

Summit, SD 57266

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direct 763.287.5574 | mobile 763.226.5251

email tyler.yseth@mortenson.com

www.mortenson.com/Wind



From: Schlaak, Karen <Karen.Schlaak@state.sd.us>

Sent: Tuesday, January 19, 2021 11:06 AM

To: Tyler Yseth <Tyler.Yseth@mortenson.com>

Subject: RE: Temporary permit - Grant County

CAUTION: External Sender. Use caution when clicking on links or attachments.

Tyler,

I have reviewed your Application for Permit to Appropriate Water. In order to complete the application, the following is required:

- A map needs to be submitted that references a government section corner or quarter corner including section, township and range. Please mark the well location with an "X".
- The application requests an appropriation of 10 gallons per minute (gpm). In addition to the pump rate, the application needs to include the annual volume in either gallons/year or acre feet/year. In calculating the annual volume, be reasonable but also plan for the maximum annual volume of use from the well at full development. It is unrealistic that 10 gpm will be pumped continuously during an entire year. Therefore, DENR requests an annual volume to be used at the facility.
- The application/license fee will be \$300.00. Please make the check out to the Water Rights Program. Mail to: Water Rights Program, 523 E Capitol, Pierre SD 57501.

Upon receiving the above, further processing of the application will continue.

Karen Schlaak

Water Rights Program

(605) 773-3352



DENR
SOUTH DAKOTA

Sarah Pfeifer

From: Tyler Yseth
Sent: Tuesday, January 19, 2021, 11:10 AM
To: Sarah Pfeifer
Subject: FW: Temporary permit - Grant County

Hi Sarah,

Could you please help me with the required payment below?

SDDENR requires a check be sent to the Water Rights Program. Mail to: Water Rights Program, 523 E Capitol, Pierre SD 57501 in the amount of \$300.

Tyler Yseth, Project Engineer
Wind Energy
15087 458th Ave
Summit, SD 57266

Mortenson | Let's Redefine Possible™
direct 763.287.5574 | mobile 763.226.5251
email tyler.yseth@mortenson.com
www.mortenson.com/Wind



From: Schlaak, Karen <Karen.Schlaak@state.sd.us>
Sent: Tuesday, January 19, 2021 11:06 AM
To: Tyler Yseth <Tyler.Yseth@mortenson.com>
Subject: RE: Temporary permit - Grant County

CAUTION: External Sender. Use caution when clicking on links or attachments.

Tyler,

I have reviewed your Application for Permit to Appropriate Water. In order to complete the application, the following is required:

- A map needs to be submitted that references a government section corner or quarter corner including section, township and range. Please mark the well location with an "X".
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- The application/license fee will be \$300.00. Please make the check out to the Water Rights Program. Mail to: Water Rights Program, 523 E Capitol, Pierre SD 57501.

Upon receiving the above, further processing of the application will continue.

Karen Schlaak

Water Rights Program

(605) 773-3352



DENR
SOUTH DAKOTA

Accounting Request

Variables

Substitute Invoice Form

Instructions

The Substitute Invoice Form replaces an actual invoice in the event that you do not have a supplier-issued invoice and the supplier cannot provide one. It should only be used for that purpose.

1. Complete the form entirely and accurately. Incomplete or inaccurate forms will be returned.
2. Print the completed form and email it along with the appropriate backup to preapprovedinvoices@mortenson.com for processing.

Team Member

Pfeifer, Sarah

Team Member Full Name

Sarah Pfeifer

Request Date

2021-01-19

Invoice Information

Entity Releasing Payment

M. A. Mortenson Compar

Full Entity Name

M. A. Mortenson Company

Supplier Number

More information

9909

Supplier Name

STATE OF SOUTH DAKOTA

PHY PIERRE6

Invoice Date

2021-01-19

Invoice Number (30 character limit)

2021-01-19

Invoice Amount

300

Invoice Description (155 character limit)

Appropriate Water Permit

Backup Information

Instructions

Supporting documentation is required at all times and should come directly from the supplier. It must include the supplier name, payment amount, and remittance information. If you have additional backup that includes sensitive information, please omit it and include the following location information for reference:

Confidential backup on file with:**If Other, please provide details below (75 character limit):****Business Reason****Options**

Other

If Other, please provide details below (75 character limit):

Appropriate Water Permit

Distribution Lines & Coding**Distribution Lines & Coding**

Amount	Project #	Task Code	Ex Type	G/L Acct	Description
300	20141004		General Conditions		Appropriate Water Permit
		013.0162800.00000			

Approval**Approver's Name**

Pfeifer, Sarah

Approver's Full Name

Sarah Pfeifer

Approver's Signature (handwritten or digital)**Bluebeam signature required)**

Sarah Pfeifer

Digitally signed by Sarah Pfeifer
DN: C=US,
E=sarah.pfeifer@mortenson.com,
CN=Sarah Pfeifer
Date: 2021.01.19 15:11:18-06'00'

RECEIPT

WATER RIGHTS PROGRAM South Dakota Department of Environment and Natural Resources

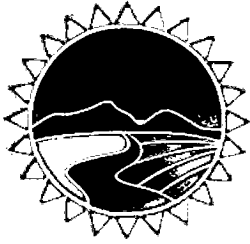
Date January 22, 2021

RECEIVED OF M A Mortenson Company Xcel Energy 700 Meadow Lane N, Minneapolis MN 55422

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

Fee for Application for Permit No. <u>8478-3</u> to Appropriate Water, to construct and to put water to beneficial use	\$ 100 .00
Fee for Application for Permit No. _____ to Appropriate Water for Future use	\$
Fee to retain Future-Use Permit No. _____ after period of seven years.	\$
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>8478-3</u>	\$ 200.00
Fee for Filing Transfer Form _____	\$
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	\$300.00

By Eric Gronlund
Chief Engineer
ERG



DENR
SOUTH DAKOTA

**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. 8478-3, Xcel Energy**

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. 8478-3, Xcel Energy, 45912 149th St, Summit SD 57266.

The Chief Engineer is recommending APPROVAL of Application No. 8478-3 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 Water Permit No. 8478-3 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.

See report on application for additional information.

Eric Gronlund, Chief Engineer
March 26, 2021

REPORT TO THE CHIEF ENGINEER

Water Permit Application No. 8478-3

Xcel Energy

March 23, 2021

Water Permit Application No. 8478-3 proposes to appropriate 70,000 gallons (0.22 acre-feet) of water annually at a maximum diversion rate of 10 gallons per minute (0.022 cubic feet per second (cfs)) from one well. The well has been completed into the Prairie Coteau aquifer with a depth of 132 feet and located in SW ¼ SW ¼ Section 1 T120N-R52W. The water will be used for commercial use at an operations and maintenance building also located in SW ¼ SW ¼ Section 1 T120N-R52W. This application is located approximately 5 miles south of Summit SD in Grant County.

AQUIFER: Prairie Coteau (PCO)

Hydrogeology

The Prairie Coteau aquifer is a discontinuous system of Quaternary Period sand and gravel outwash encountered in the Coteau des Prairies. The top of the Prairie Coteau aquifer ranges from 46 to 278 feet below land surface with the thickness ranging from 3 to 45 feet (Thompson, 2001). This application falls inside the boundaries of a portion of the Prairie Coteau delineated by Stonesifer (2013); however, it also falls outside of the Prairie Coteau aquifer boundaries delineated by Hedges et al. (1982) and Hansen (1990). The water well completion report submitted with this application indicates that a 10-foot-thick layer of blue sand was found at a depth of 122 feet (approximate elevation 1,850 feet). The nearest well completion report or lithologic log that was drilled to a similar elevation or to a lower elevation is a lithologic log located approximately 1.2 miles to the north-northeast. This lithologic log shows that a 4-foot-thick layer of sand and gravel was encountered at a depth of 113 feet (approximate elevation 1,848 feet) (SD Geological Survey, 2021). Table 1 contains nearby well logs and lithologic logs that contain sand and/or gravel that occurs at a similar elevation as the application.

Table 1. Nearby Geologic Information (SD Geological Survey, 2021; Water Rights, 2021b)

Type	Name	Depth to Top [feet]	Thickness [feet]	Material	Distance [miles]	Direction
Well Log	Xcel Energy (This Application)	122	10	Sand	0	N/A
Lithologic Log	R1-87-53	113	4	Sand and Gravel	1.2	North-Northeast
Well Log	Jim Wohlleber	90	15	Medium Sand	1.7	Southeast
Well Log	Water Right No. 7532-3 Matthew P Lowe	85	36	Sand and Gravel	2.4	East-Southeast
Well Log	Paul Wilson	140	28	Sand and Gravel	2.5	East

Lithologic Log	Water Rights Well GT-77E	132	5	Gravel, Coarse	3	West-Northwest
----------------	--------------------------	-----	---	----------------	---	----------------

It is difficult to connect thin bodies of glacial outwash across significant distances without having sufficient geologic data. The well logs and lithologic logs identified in Table 1 all have a chance of being hydrologically connected; however, there is no conclusive proof of this being the case here. The boundary delineated by Stonesifer (2013) is for a body of Prairie Coteau aquifer that would lie approximately 100 feet below the sand identified on the well completion report for this aquifer. It is unknown if that delineated body exists at the applicant's location due to a lack of nearby existing lithologic data at that elevation.

Two other aquifers have been identified near the proposed diversion point, and they are the Antelope Valley and the Big Sioux: North aquifers (Hedges et al, 1982). These two aquifers are surficial in nature, and in contrast, the aquifer material proposed for this application is buried under 100 feet of glacial till and 22 feet of surficial aquifer material. However, there is a chance that this unit of sand may be hydrologically connected to either the Antelope Valley or the Big Sioux: North aquifer based upon the elevations of the material in those aquifers.

The Antelope Valley aquifer lies to the east of this application and trends in a north to south direction. The surficial part of the Antelope Valley aquifer appears to lie at a slightly higher elevation, with the bottom of the aquifer around an elevation of 1,860 feet. In the northern part of the Antelope Valley aquifer, it appears that the aquifer is split between an upper and a lower unit, separated by 25 feet of glacial till. Water Right No. 7532-3 and the well for Paul Wilson, both listed above in Table 1, would be identified as being completed into the lower portion of the Antelope Valley aquifer, with approximate top of aquifer elevations of 1,836 feet and 1,822 feet respectively. The wells for Jim Wohlleber, listed above in Table 1, would be identified as being completed into the upper portion of the Antelope Valley aquifer, with an approximate bottom of aquifer elevation of 1,864 feet.

The Big Sioux: North aquifer lies to the west of this application and primarily underlies the flood plain of the Big Sioux River and its tributaries (Hansen, 1990). The Grant County Aquifer Materials map does show alluvium and outwash as extending up the Indian River from the Big Sioux River (Jensen, 2004). The nearest lithologic logs in this direction that could be considered as part of the Big Sioux: North aquifer and showing sand and gravel at a similar elevation to this application are located approximately four miles west-southwest of this application (SD Geological Survey, 2021). It is currently unknown if there is a thin layer of glacial outwash that extends between the area of these lithologic logs and the well for this application.

The well log submitted with this application shows that the Prairie Coteau aquifer is under confined conditions in this area with the static water level rising 82 feet above the top of the aquifer to an approximate elevation of 1,933 feet.

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 water rights within the Prairie Coteau 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 as defined by SDCL 46-1-6(17) 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 aquifer recharge and withdrawal must be taken into consideration.

Hydrologic Budget

Recharge

Recharge to the Prairie Coteau aquifer occurs through infiltration of precipitation, seepage from surface water features when the surface water level is higher than the potentiometric surface of the aquifer, and by groundwater inflow from adjacent aquifers when the potentiometric surface of those aquifers is higher than that of the Prairie Coteau aquifer. Recharge to aquifers that are buried and confined is difficult to estimate due to the availability of information on them. The DENR Water Rights Program does not have any observation wells completed into this portion of the Prairie Coteau aquifer that could be used to evaluate recharge and discharge (Water Rights, 2021c). Hedges et al. (1985) determined that for management purposes, the recharge to buried and confined aquifers ranges between 0.15 and 0.60 inches per year. In order to recharge the requested 0.22 acre-feet of water per year to the aquifer, the areal extent of the aquifer would need to be between 4.4 acres (at a recharge rate of 0.60 inches per year) and 17.6 acres (at a recharge rate of 0.15 inches per year). Given the inability to connect thin pieces of aquifer material over long distances, the current areal extent of this portion of the Prairie Coteau aquifer is unknown. However, the presence of aquifer material at the locations in Table 1 would suggest that there is likely sufficient areal extent to meet the recharge requirements of this application.

Discharge

Discharge from the Prairie Coteau aquifer occurs through outflow to adjacent aquifers or surface water features when the potentiometric surface of the aquifer is higher than the potentiometric surface of the other aquifers or stage of adjacent surface water features. There is likely some evapotranspiration where the aquifer is at or near the land surface; however, the aquifer is classified as a buried aquifer. The other major source of discharge is through domestic and

appropriative well withdrawals. Currently, there are no water rights/permits identified as appropriating water from this portion of the Prairie Coteau aquifer (Water Rights, 2021a).

The nearest domestic well on file with the SD DENR Water Rights Program is for Jim Wohlleber located 1.7 miles from the application and is listed above in Table 1. There are seven other farm sites that appear to have houses located on them and one new 14 space campground within 1.7 miles of this application. It is currently unknown if the water source for these other farm sites and campground is from the same portion of the Prairie Coteau as this application because there are no well completion reports on file for them. If it is conservatively assumed that all of these domestic users are using wells completed into the same portion of the Prairie Coteau aquifer as this application, an estimated average annual withdrawal can be calculated. Assuming an average of 2.5 people living at each farm site, and 2 people per camper site, and each person using 100 gallons per day, the domestic use is less than 6 acre-feet per year and would require a recharge area of 120 to 480 acres. The area of 120 to 480 acres is approximately 2 to 8 percent of the area within the 1.7 mile radius circle.

Hydrologic Budget

The estimated withdrawals from all domestic users within 1.7 miles of this application is less than 6 acre-feet per year. This application is proposing to withdraw 0.22 acre-feet per year. Due to the low density of possible domestic withdrawals from this portion of the Prairie Coteau aquifer, the areal extent of and the recharge rate through the glacial till is likely sufficient to supply this proposed application. There is a reasonable probability there is unappropriated water available from this portion of the Prairie Coteau aquifer for this application.

Observation Well Data

In determining the availability of unappropriated water for a permit application, Administrative Rule of South Dakota 74:02:05:07 requires the Water Management Board to rely on the record of observation well measurements, in addition to other data, to determine that the quantity of water withdrawn annually from the aquifer does not exceed the estimated annual recharge.

The Water Rights Program currently does not maintain any observation wells completed into this portion of the Prairie Coteau aquifer (Water Rights, 2021c). The nearest observation well is GT77E, located approximately 3 miles west-northwest of the well location for Application No. 8478-3. This observation well is identified as being completed into the Prairie Coteau aquifer; however, it is completed into a 7 foot thick gravel unit at a depth of 220 feet, and not the 5 foot thick gravel unit at a depth of 132 feet. The gravel unit at the 132 foot depth is about 20 feet lower in elevation than the sand unit at the applicant's location. It is not clear that the two would be hydrologically-connected due to the distance and that they are thin units; however, a change of 20 feet in elevation over 3 miles is reasonable. The static water level in observation well GT77E is approximately 80 feet lower than the static water level at the applicant's location, indicating that this observation well is completed into a portion of the Prairie Coteau aquifer that has very little to no hydrologic connection to the portion of the Prairie Coteau aquifer the applicant is proposing to use. Therefore, there is no observation well data for this specific portion of the Prairie Coteau aquifer.

Potential for unlawful impairment of existing water rights

Due to the physics of confined aquifers, the observed drawdown from withdrawals may extend quite far from the pumping well. However, this application is not for a large capacity well and is only requesting a maximum diversion rate of 10 gallons per minute. Any observed drawdown is expected to be minimal due to the size of this application being similar to or less than the use from an average domestic well. The annual volume limit is 70,000 gallons per year, which averages to less than 192 gallons per day.

At the well site, there is approximately 82 feet of artesian head pressure above the top of the aquifer. South Dakota Codified Law (SDCL) 46-6-6.1 does not necessarily protect artesian head pressure as a means of delivery, and the Water Management Board has recognized that to place water to maximum beneficial use, a certain amount of drawdown may occur. The Water Management Board considered the delivery of water by artesian head pressure versus maximum beneficial use of water issue for Water Right No. 2313-2 for Coca-Cola Bottling Company of the Black Hills. The Water Management Board adopted Findings of Facts and Conclusions of Law that noted reservation of artesian head pressure for delivery of water would be inconsistent with SDCL 46-1-4 which states, "general welfare requires that the water resources of the state be put to beneficial use to the fullest extent of which they are capable...". Furthermore, the Water Management Board found if increased cost or decreased production as a result of impacts on artesian head pressure by legitimate users is to be considered an adverse impact it would also be in conflict with SDCL 46-1-4 (Water Rights, 1995). To balance interests between appropriative and domestic uses, the Water Management Board defined an "adversely impacted domestic well" in Administrative Rule of South Dakota (ARSD) 74:02:04:20(7) as:

"a well in which the pump intake was set at least 20 feet below the top of the aquifer at the time of construction or, if the aquifer is less than 20 feet thick, is as near to the bottom of the aquifer as is practical and the water level of the aquifer has declined to a level that the pump will no longer deliver sufficient water for the well owner's needs".

There have been several complaints in other portions of the Prairie Coteau aquifer; however, these were primarily due to several large capacity wells in a small area and this application is requesting the equivalent of a domestic well. With no history of well interference complaints from users in this portion of the Prairie Coteau aquifer and the small volume of use and diversion rate for this application, adequate wells are not expected to be unlawfully impaired if this application is approved.

Conclusions

1. Water Permit Application No. 8478-3 proposes to appropriate 0.22 acre-feet of water annually at a maximum diversion of 0.022 cubic feet per second from the Prairie Coteau aquifer for commercial use in an operations and maintenance building.

2. This application is completed into a different portion of the Prairie Coteau aquifer than previously delineated portions that are mapped in this area.
3. The areal extent of this portion of the Prairie Coteau aquifer is currently unknown. Using the conservative recharge estimate of 0.15 inches per year, this application would require an areal extent of 17.6 acres to provide sufficient recharge for the proposed appropriation.
4. There are no observation wells completed into this portion of the Prairie Coteau aquifer.
5. Based on the hydrologic budget, there is a reasonable probability that unappropriated water is available from this portion of the Prairie Coteau aquifer.
6. There is a reasonable probability that the diversion proposed by this application will not unlawfully impair adequate wells for existing water rights and domestic uses.



John Farmer
SD DENR – Water Rights Program

References

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Water Rights. 2021a. Water Right/Permit Files. SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, South Dakota.

Water Rights. 2021b. Well Completion Report Files. SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, South Dakota.

Water Rights. 2021c, Observation Well Files. SD DENR-Water Rights Program, Joe Foss Bldg., Pierre, South Dakota.

Schlaak, Karen

From: Schlaak, Karen
Sent: Monday, March 29, 2021 11:01 AM
To: Tyler Yseth
Subject: Water Permit Application No. 8478-3
Attachments: 0962.pdf

Attached is a copy of the report, chief engineer recommendation and information regarding the public notice for your water permit application. As stated in the letter, please contact the papers as soon as possible to authorize publication and arrange for payment. This information is being mailed to you today.

Karen Schlaak
Water Rights Program
(605) 773-3352



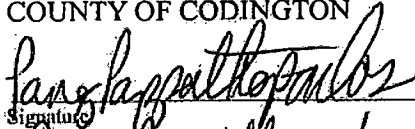
RECEIVED

APR 20 2021

WATER RIGHTS
PROGRAM

Tyler Yseth
45912 149th St
Summit, SD 57266

STATE OF SOUTH DAKOTA
COUNTY OF CODINGTON



Signature



Printed Name

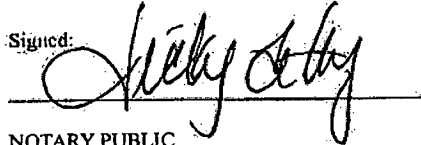
I being duly sworn says: That Watertown Public Opinion is, and during all the times hereafter mentioned was, a daily legal newspaper as defined in SDCL 17-2-2.1 through 17-2-2.4, as amended, published at Watertown, Codington County, South Dakota, by Watertown Public Opinion; that affiant is and during all of said times was an employee of the publisher of such newspaper and has personal knowledge of the facts stated in this affidavit; that the notice, order or advertisement, a printed copy of which is attached, was published in said newspaper upon:

Published Dates:
04/09/21, 04/10/21

that the full amount of the fee charged for publishing the same, including a \$5.00 affidavit fee, to-wit, the sum of \$37.06 insures solely to the benefit of the publisher of said newspaper; that no agreement or understanding for the division of the fee has been made with any person, and that no part of the fee has been agreed to be paid to any other person.

Subscribed and sworn to before me this 20th
day of
April,
A.D.
2021

Signed:



NOTARY PUBLIC
State of Wisconsin
County of Brown

My commission expires:

9-19-21

VICKY FELTY
Notary Public
State of Wisconsin

Ad ID 952153

Watertown Public Opinion AFFIDAVIT OF PUBLICATION

NOTICE OF APPLICATION NO. 8478-3 to Appropriate Water

Notice is given that Xcel Energy, c/o Tyler Yseth, 45912 149th St, Marvin SD 57266 has filed an application for a water permit to appropriate an amount not exceeding 0.22 acre-foot of water annually at a maximum pump rate of 0.022 cubic feet of water per second from one well completed into the Prairie Coteau Aquifer (132 feet deep) located in the SW 1/4 SW 1/4 Section 11-T120N-R62W for commercial use at the Operations and Maintenance building for Dakota Range Wind Farm. This site is located approximately 5 miles south of Summit SD.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 8478-3 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 Engineer's recommendation, with qualifications, the application, and staff report are available at <http://dnr.sd.gov/public> or contact Ron Duval 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, 623 E. Capitol, Pierre, SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by April 19, 2021.

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.

Published once at the total approximate cost of \$37.06

Printer's Affidavit of Publication

RECEIVED

STATE OF SOUTH DAKOTA
COUNTY OF GRANT

} ss.

APR 12 2021

WATER RIGHTS
PROGRAM

Ashlie Schweitzer

of said County and State, being first duly sworn, on oath says that the Grant County Review is a legal weekly newspaper of general circulation, printed and published in Milbank, in said County of Grant and State of South Dakota, by Grant County Review, Inc., and has been such newspaper during the times hereinafter mentioned; that said newspaper is a legal newspaper; and that it has a bona fide circulation of more than two hundred copies weekly, and has been published within said County of Grant in the English language and has been admitted to the United States mail under second class mailing privilege, for at least one year next prior to the publication of the Notice herein mentioned, and has been printed wholly in an office maintained at the said place of publication, that I, the undersigned, Bookkeeper of said newspaper, in charge of the accounts receivable department thereof, have personal knowledge of all the facts stated in this affidavit; that the advertisement headed Notice of

Application No. 8478-3 to Appropriate
Water - Xcel Energy

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

<u>April 7</u>	<u>20 21</u>	<u>20</u>
<u>20</u>		<u>20</u>
<u>20</u>		<u>20</u>

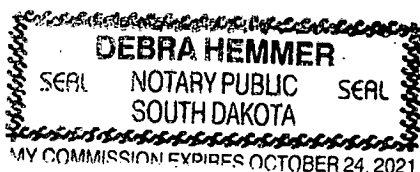
That \$ 25.79, being the full amount of the fee charged for the publication of said Notice, inures to the benefit of the publisher of the Grant County Review; that no agreement or understanding for the division thereof has been made with any person, and that no part has been agreed to be paid to any person whomsoever.

Ashlie Schweitzer

Subscribed and sworn to before me this 7th day of April 20 21

Debra Hemmer

Notary Public, Grant County, South Dakota



Publication Fee \$ 25.79
Notarial Fee \$
Total \$ 25.79

NOTICE OF APPLICATION NO.

8478-3 to Appropriate Water

Notice is given that Xcel Energy, c/o Tyler Yseth, 45912 149th St, Summit SD 57266 has filed an application for a water permit to appropriate an amount not exceeding 0.22 acre-feet of water annually at a maximum pump rate of 0.022 cubic feet of water per second from one well completed into the Prairie Coteau Aquifer (132 feet deep) located in the SW 1/4 SW 1/4 Section 1-T120N-R52W for commercial use at the Operations and Maintenance building for Dakota Range Wind Farm. This site is located approximately 5 miles south of Summit SD.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 8478-3 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 Engineer's recommendation with qualifications, the application, and staff report are available at <http://denr.sd.gov/public> or contact Ron Duvall for this information, or other information, at the Water Rights Program address provided below.

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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.

Published once at an approximate cost of \$25.79.

Schlaak, Karen

From: Schlaak, Karen
Sent: Monday, March 29, 2021 10:58 AM
To: Watertown Public Opinon (legals@thepublicopinion.com)
Subject: 8478-3, Xcel Energy
Attachments: 8478-3public.short.docx; FORM8.FRM.doc

Attached is a notice to be published on April 7, 2021.

Xcel Energy, c/o Tyler Yseth, 45912 149th St, Summit SD 57266 (763 226-5251) 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
Water Rights Program
(605) 773-3352



Schlaak, Karen

From: Schlaak, Karen
Sent: Monday, March 29, 2021 10:58 AM
To: Julie Madison, Grant County Review (gcreview@itcmilbank.com)
Subject: 8478-3, Xcel Energy
Attachments: 8478-3public.short.docx; FORM8.FRM.doc

Attached is a notice to be published on April 7, 2021.

Xcel Energy, c/o Tyler Yseth, 45912 149th St, Summit SD 57266 (763 226-5251) has been notified to contact you to authorize publication and arrange for payment.

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

Karen Schlaak

Water Rights Program
(605) 773-3352





DENR
SOUTH DAKOTA

**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 NEWSPAPERS RIGHT AWAY.**

March 29, 2021

Xcel Energy
c/o Tyler Yseth
45912 149th St
Summit SD 57266

Dear Mr. Yseth:

Water Permit Application No. 8478-3 for commercial use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Grant County Review printed at Milbank SD (Ph # 605 432-4516) and the Public Opinion printed at Watertown SD (Ph # 605 886-6901). You will need to contact the newspapers 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 newspapers to authorize publication of your Notice and to arrange for payment. Early contact with the papers can eliminate delays. Upon receiving authorization from you, the publishers have been instructed to publish your notice. The newspapers have 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,

Karen Schlaak

Karen Schlaak
Water Rights Program
(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.

NOTICE OF APPLICATION NO. 8478-3 to Appropriate Water

Notice is given that Xcel Energy, c/o Tyler Yseth, 45912 149th St, Summit SD 57266 has filed an application for a water permit to appropriate an amount not exceeding 0.22 acre-feet of water annually at a maximum pump rate of 0.022 cubic feet of water per second from one well completed into the Prairie Coteau Aquifer (132 feet deep) located in the SW 1/4 SW 1/4 Section 1-T120N-R52W for commercial use at the Operations and Maintenance building for Dakota Range Wind Farm. This site is located approximately 5 miles south of Summit SD.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 8478-3 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 Engineer's recommendation with qualifications, the application, and staff report are available at <http://denr.sd.gov/public> or contact Ron Duvall 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 April 19, 2021.

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.

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Published once at the total approximate cost of_



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

JUN 11 2021

Xcel Energy
c/o Tyler Yseth
15087 458th Ave
Summit SD 57266

Dear Mr. Yseth:

Enclosed is Water Permit No. 8478-3 authorizing construction of the water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use*, is enclosed. Please return this completed form after you have finished the system and have put the water to beneficial use. An investigation can then be scheduled so the water license may be issued, thus completing the acquisition of a water right.

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

Sincerely,

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

enclosures

8478-3
RECEIVED
JUN 21 2021
WATER RIGHTS
PROGRAM

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

Date 6/17/21

TO: Water Rights Program, DANR
523 E. Capitol
Pierre, SD 57501-3181

FROM: Tyler Yseth
(name)

15087 458th Ave.
(address)

Summit, SD, 57266
(city, state, zip)

763-226-5251
(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. 8478-3 states that the water use system is to be constructed by

April 14, 2026, and water is to be put to beneficial use by April 14, 2030.
(date) (date)

The water use system was completed on May 3rd, 2021.
(date)

Applying the water to beneficial use was completed on June 1st, 2021.
(date)

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

Tyler Yseth
(signature)



Xcel Energy



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

June 21, 2021

8478-3

Tyler Yseth
Excel Energy
15087 458th Ave
Summit SD 57266

Dear Mr. Yseth:

I am writing to acknowledge receipt of the "Notice of Completion of Works" form that you sent in to let us know that you are completed with the water use system described in Water Permit No. 8478-3.

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

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

Sincerely,

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

