

WATER PERMIT NO. 8506-3

Name of Applicant: Prairie View Golf LLC

Address: 3790 Edgewater Dr, Gary SD 57237

Phone: 303 828-6300

Amount of Water Claimed: 0.064 cfs

Total Acres: 4.3 acres

Source of Water Supply: groundwater (1 existing well)

Water to be used for: irrigation

County: Deuel

Type of Waste Disposal System:

Location: 6 miles south of Gary

PRIORITY

Date Received: 4-8-21

Application/License Fee: \$ 300

Corrected Application Received:

Period of Annual Use: July 1 – October 31

Remarks: back up supply to Water Permit No. 7196-3

Diversion Point: N 1/2 NE 1/4 Sec 5-T114N-R47W

Land to be Irrigated: NE 1/4 Sec 5-T114N-R47W

Depth of Well: ¹⁵⁵
170 feet deep

Well Driller: Steffl Drilling & Pump

Remarks:

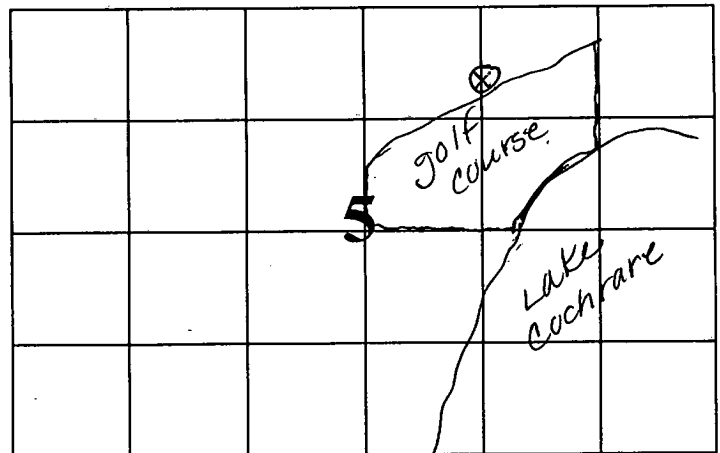
Type of Map: aerial

Prepared by:

Reviewed and the Number Assigned on: 4-12-21

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____



**SOUTH DAKOTA
WATER PERMIT NO. 8506-3**

Date of first receipt of application April 8, 2021.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 8506-3 to Prairie View Golf LLC, c/o John Appelen, 3790 Edgewater Dr., Gary SD 57237 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. 8506-3 appropriates 0.064 cubic feet of water per second from one well completed into the Prairie Coteau Aquifer (155 feet deep) located in the N 1/2 NE 1/4 Section 5 for irrigation of 4.3 acres located in the NE 1/4 Section 5; all in T114N-R47W. Water Permit No. 7196-3 authorizes irrigation of the golf course from a series of ponds. This permit will serve as a back-up supply for irrigation of the 4.3 acres of golf course greens and tee boxes when the surface water supply covered by Permit No. 7196-3 is insufficient. This site is located near Lake Cochrane approximately 5 miles south of Gary SD.
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: July 1 – October 31.
3. The date from which applicant may claim right is April 8, 2021.
4. The date of approval of Permit No. 8506-3 is June 28, 2021.
5. One-fifth of the construction is to be completed on or before December 28, 2023.
6. All construction is to be completed on or before June 28, 2026.
7. Water is to be put to beneficial use on or before June 28, 2030.
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 Water Permit No. 8506-3 is located near domestic wells and other wells which may obtain water from the same aquifer. Water withdrawals under this Permit shall be controlled so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.
3. Water Permit No. 8506-3 is not the primary water source for irrigation of the authorized acres. The well authorized by Permit No. 8506-3 is a back-up water supply to the ponds authorized by Water Permit No. 7196-3 and is only to be used when the ponds are depleted.

(continued)

4. Water Permit No. 8506-3 is subject to the Water Resources Management Plan (copy attached) agreed upon by the Minnesota Department of Natural Resources, South Dakota Department of Agriculture and Natural Resources and Lincoln Pipestone Rural Water. This permit may be subject to curtailment or shut-off orders if threshold elevations in area monitoring wells reach levels where action is necessary per the Burr Water Source 2000 Water Resources Management Plan.

WATER MANAGEMENT BOARD

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

JUL 13 2021

date



Form 2: Application for irrigation in South Dakota
(print)

Mail to:
Water Rights Program
Foss Building
3 E Capitol
Pierre, SD 57501-3181
(605) 773-3352

(office use only)
No 8506-3 Hydrologic Unit 07020003
Basin Minnesota-Whetstone
Newspaper Clearlake Courier
Brookings Register

RECEIVED
APR 08 2021
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.)
7196-3 authorizes irrigation of golf course from ponds
email: johnappelen@gmail.com

Name of Applicant PRAIRIE VIEW GOLF LLC Phone 303+828-6300
(check one) ☒ Owner ☐ Tenant/lessee

Mailing Address 3790 EDGEWATER DR, GARY, S.D. 57237 State _____
(Street, RR, or Box and City) (Zip Code)

Amount of water claimed 23-29 gpm or 0.064 cfs *GPM ***AF Total Acreage 4.3
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acres - storage capacity of dam/dugout or annual use if applicable

Source of water supply WELL - DRILLED IN 2009 - NEVER USED

Location of point of diversion (example: 3 wells in SW1/4 NE1/4 section 12-T104S-R53W) County _____
N1/2 NE1/4 Sec 5 - T114N-R47W

County or counties where water will be used DEUEL

Annual period during which water is to be used JULY - OCTOBER 31

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
N1/4, NE1/4, SE1/4, SW1/4	1.1	+2.2 = 3.3A	
<u>NE1/4</u>	<u>4.3</u>		
<u>Sec 5 - T114N-R47W BE</u>			

Give a description of the project. (Attach sheet if more space is needed)
"BACKUP" WATER SUPPLY FOR WATERING GREENS - 1.1 A TO
IF AN POND IS DEPLETED IN DRY YEARS 9 GREE
PRINKLER GREENS x 25' OF GREENS
EAD
DATE OF SOUTH DAKOTA) SS
County of _____

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

I, the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.
Applicant's signature John Appelen

1. Well Information - Proposed Construction

- a) Drill Hole Diameter _____ Depth _____
- b) Casing Type _____ Diameter _____ Thickness _____
- c) Screen Type _____ Diameter _____ Thickness _____
- d) Gravel Pack _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material _____
- f) Depth to Water (ground surface to water level) _____
- g) Distance to nearest existing domestic well:
 On applicants property ≈ 5000 FT. On property owned by others _____

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 _____

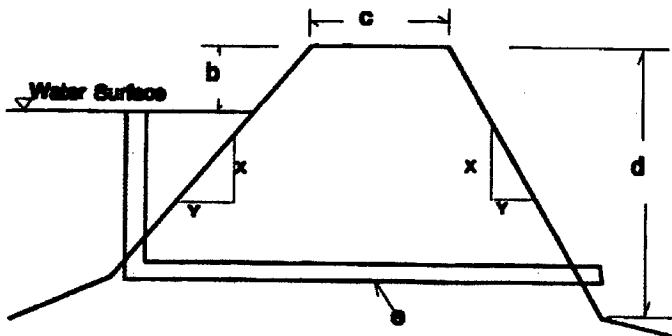
3. Dugout Information

- a) Surface Dimensions POND 1 ≈ 3½ A Depth 4' APPROX
- b) Depth to water (ground surface to water level) _____

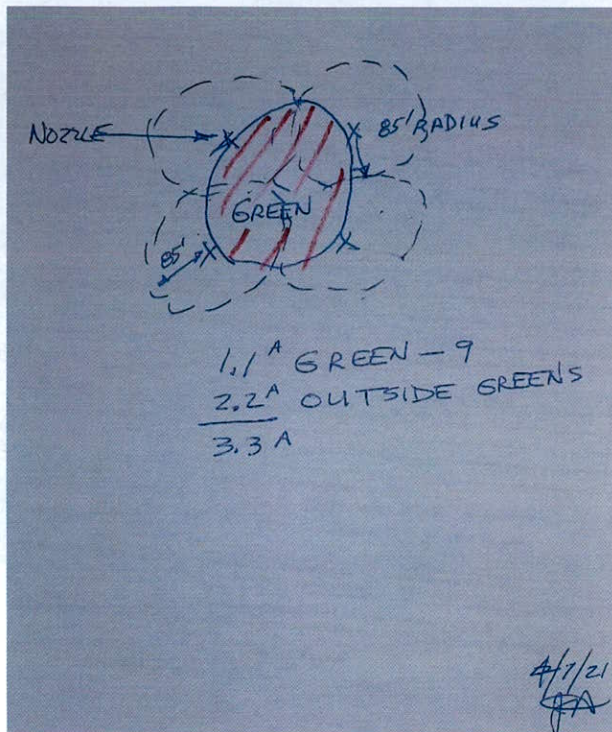
4. Water Storage Dams

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 _____
 Upstream _____
 Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- i) Drainage Area Above Dam _____



Scale: 1 inch = 510 feet

725

Feet



DENR
SOUTH DAKOTA

Completed by:

Ron Duvall
Ron Duvall, W.R. Permitting Administrator
SD DENR, Water Rights Program

Date:

4/8/21

Appl. No. *8506-3*

SOUTH DAKOTA WATER WELL COMPLETION REPORT

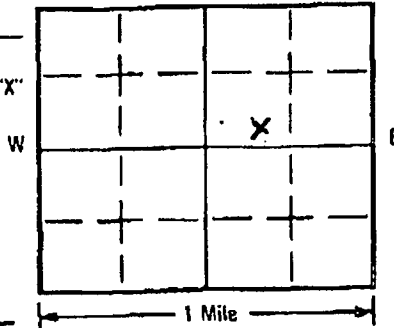
07-92

7196-3

Location SW 1/4 NE 1/4 Sec 5 Twp 114N Rg 47W
County Deuel

Please mark well location with an "X"

44 43' 04.9"
36 29' 07.8"



Well-Completion Date

10/14/ 2009

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 55 ft. from pond (identify source).

PROPOSED USE:

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

METHOD OF DRILLING:

mud rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other, describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
_____ LB/FT	<u>8</u> IN	<u>+2</u> FT	<u>135</u> FT	<u>12</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type Quick Grout No. of Sacks 32 Grout Weight 8 lb./gal From 110 ft To _____ ft
Describe grouting procedure psi tremie

SCREEN: ☐ Perforated pipe ☒ Manufactured
Diameter 8 IN Length 20 FEET
Material stainless steel
Slot Size 80 Set From 135 Feet to 155 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: granular

☐ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

Well Owner: Jay Grabow

Business Name: _____

Address: PO Box 87

Gary, SD 57237

WELL LOG:

			DEPTH	
	FORMATION		FROM	TO
top soil	blk	M	0	1
clay	yell	M	1	11
clay	blu	M	11	20
sand	blu	12slt	20	24
clay sandy	blu		24	96
sand	multi	18-30slt	96	165
clay	blu	M	165	170

STATIC WATER LEVEL 8 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☐ Pumped Describe: _____
☐ Bailed _____
☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

RECEIVED

MAR - 2 2010

WATER RIGHTS PROGRAM

This 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: _____

Date: October 14, 2009

RECEIPT

WATER RIGHTS PROGRAM South Dakota Department of Environment and Natural Resources

Date April 9, 2021

RECEIVED OF John Appelen Prairie View Golf LLC 3790 Edgewater Dr. Gary SD 57237

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

Fee for Application for Permit No. <u>8506-3</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>8506-3</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

me



OFFICE OF THE SECRETARY OF STATE

STEVEN J. BARNETT, SECRETARY OF STATE

JASON LUTZ, DEPUTY SECRETARY OF STATE

Filing Information

Name: **PRAIRIE VIEW GOLF, LLC**

General Information

SOS Business ID DL132854
Filing Type: Limited Liability Company - Domestic
04/25/2017
Status: Good Standing
Duration Term: Perpetual
Managed By: Member-Managed

Registered Agent Address

JOHN APPELEN
3790 EDGEWATER DR
GARY, SD 57237

Principal Address

3790 EDGEWATER DR
GARY, SD 57237-5528

The following document(s) was/were filed in this office on the date(s) indicated below:

Date Filed	Filing Description	Image #
03/24/2021	2021 Annual Report	B0173-7688
02/19/2020	2020 Annual Report	B0130-3681
04/22/2019	2019 Annual Report	B0096-7821
03/30/2018	2018 Annual Report	B0057-1873
04/25/2017	Initial Filing	B0030-2204

Duvall, Ron

From: John Appelen <johnappelen@gmail.com>
Sent: Friday, April 9, 2021 9:50 AM
To: Duvall, Ron
Subject: Re: [EXT] Golf green irrigation application

Use 4;3 instead of 3.3 acres to include the 9 Tee box sprinklers. These Tee box sprinklers are only used when the ground gets too hard to put Tees into the ground.

It's so important that the wording include " backup " watering use " only".

The well is located in the N /2 of the NE/4 sec.5.

Thanks for your help,

John Appelen, owner of the Prairie View Golf Course



Virus-free. www.avast.com

On Thu, Apr 8, 2021 at 3:41 PM Duvall, Ron <Ron.Duvall@state.sd.us> wrote:

Mr. Appelen,

Attached is a map showing the approximate location of the well as described to me. Please confirm the well is near the location pinpointed on the map by the green triangle. If it is close, then I would like to indicate on your application the location of the well is in the N1/2 NE1/4 section 5. The well is very close to the quarter quarter line and may be actually in the NE1/4 NE1/4 but I can't be certain. The N1/2 NE1/4 will include both the NW1/4 NE1/4 and NE1/4 NE1/4. Also, to be clear, the plan is to pump water from the well to Pond 1 only when insufficient surface runoff is available under Water Permit No. 7196-3? Finally, the areas to be irrigated from Pond 1 consists of the greens and areas immediately adjacent to the greens that the sprinklers also hit?

After I get your confirmation on these matters and the fee, we will get busy processing your application. Please let me know if you have any questions.

Thank you,

Ron Duvall

Water Rights Program

605.773.3352

denr.sd.gov



DENR
SOUTH DAKOTA

Gronlund, Eric

From: Beste, Brent (DNR) <brent.beste@state.mn.us>
Sent: Thursday, April 22, 2021 9:04 AM
To: Gronlund, Eric; Kresko, Tom (DNR)
Cc: Bjerke, Ryan (DNR)
Subject: RE: [EXT] Water permit application in South Dakota
Attachments: area_hydros.pdf

Eric,

Thanks for the quick call.

My contact information is below and cover groundwater appropriation use, monitoring, and technical work where needed, mostly working with Tom but helping Ryan out as well in a couple of spots.

Ryan Bjerke is the Area Hydrologist out of Ortonville and CC'd on this cover the northern half of the SD border with MN and can be reached at 320-839-3823.

Tom Kresko is the Area Hydrologist out of Windom and covers the southern half of the SD Border with MN and he can be reached at 507-832-6045.

Feel free to reach out to any or all of us with questions!

Again, thank you for the heads up on the application near Lake Cochrane.

Brent

Brent Beste
District Appropriations Hydrologist | Ecological and Water Resources

Minnesota Department of Natural Resources
117 Rogers St.
Mankato, MN 56001
Phone: (507) 389-8808
Mankato Front Desk: (507) 389-8800
Email: brent.beste@state.mn.us
mndnr.gov

 **DEPARTMENT OF
NATURAL RESOURCES**



From: Gronlund, Eric <Eric.Gronlund@state.sd.us>
Sent: Thursday, April 22, 2021 8:40 AM
To: Kresko, Tom (DNR) <tom.kresko@state.mn.us>; Nyborg, Brian (DNR) <brian.nyborg@state.mn.us>

Cc: Beste, Brent (DNR) <brent.beste@state.mn.us>
Subject: RE: Water permit application in South Dakota

Gentlemen:

I was put in contact with Dan Miller in the St. Paul office and he provided Ryan Bjerke as the contact person. Attached is the emails sent to Mr. Bjerke.

Eric

From: Kresko, Tom (DNR) <tom.kresko@state.mn.us>
Sent: Thursday, April 22, 2021 8:35 AM
To: Nyborg, Brian (DNR) <brian.nyborg@state.mn.us>
Cc: Gronlund, Eric <Eric.Gronlund@state.sd.us>; Beste, Brent (DNR) <brent.beste@state.mn.us>
Subject: RE: [EXT] Water permit application in South Dakota

Thanks Brian.

Brent Beste or I will reach out ASAP.

~tjk

Tom Kresko
Area Hydrologist | Ecological and Water Resources Division

Minnesota Department of Natural Resources
175 County Road 26
Windom, MN 56101
Phone: 507-832-6045
Email: tom.kresko@state.mn.us

mndnr.gov

 **DEPARTMENT OF
NATURAL RESOURCES**



From: Nyborg, Brian (DNR) <brian.nyborg@state.mn.us>
Sent: Thursday, April 22, 2021 8:34 AM
To: Kresko, Tom (DNR) <tom.kresko@state.mn.us>
Cc: Gronlund, Eric <Eric.Gronlund@state.sd.us>
Subject: RE: Water permit application in South Dakota

Tom,

Somehow I missed this email last week. Can you reach out to Eric with your contract info?

Brian Nyborg | Area Wildlife Manager

DNR Fish and Wildlife
175 County Road 26
Windom, MN 56101

507.832.6017



From: Gronlund, Eric <Eric.Gronlund@state.sd.us>
Sent: Thursday, April 15, 2021 9:23 AM
To: Nyborg, Brian (DNR) <brian.nyborg@state.mn.us>
Subject: Water permit application in South Dakota

This message may be from an external email source.

Do not select links or open attachments unless verified. Report all suspicious emails to Minnesota IT Services Security Operations Center.

Mr. Nyborg:

This is Eric Gronlund with the Water Rights Program of the South Dakota Department of Environment and Natural Resources. I want to make the Minnesota DNR aware of a water permit application that has been filed in Deuel County about six miles south of Gary South Dakota.

Please contact me at your convenience. Thank you – Eric

The phone I have for you (507 831-2900 ext 224) comes back and being disconnected.

*Eric Gronlund, Chief Engineer
Water Rights Program, DENR
605 773-3352
eric.gronlund@state.sd.us*



DENR
SOUTH DAKOTA

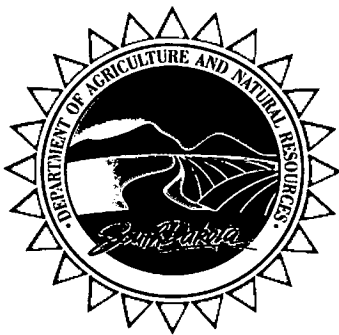
Schlaak, Karen

From: Schlaak, Karen
Sent: Wednesday, June 9, 2021 11:09 AM
To: johnappelen@gmail.com
Subject: Water Permit Application No. 8506-3
Attachments: 1295.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 paper(s) as soon as possible to authorize publication and arrange for payment. This information is being mailed to you today.

Karen Schlaak
DANR - Water Rights Program
(605) 773-3352
Website: <https://danr.sd.gov>





**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 8506-3, Prairie View Golf LLC**

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. 8506-3, Prairie View Golf LLC, 3790 Edgewater Dr., Gary, SD 57237.

The Chief Engineer is recommending APPROVAL of Application No. 8506-3 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. 8506-3 is located near domestic wells and other wells which may obtain water from the same aquifer. Water withdrawals under this Permit shall be controlled so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.
3. Water Permit No. 8506-3 is not the primary water source for irrigation of the authorized acres. The well authorized by Permit No. 8506-3 is a back-up water supply to the ponds authorized by Water Permit No. 7196-3 and is only to be used when the ponds are depleted.
4. Water Permit No. 8506-3 is subject to the Water Resources Management Plan (copy attached) agreed upon by the Minnesota Department of Natural Resources, South Dakota Department of Agriculture and Natural Resources and Lincoln Pipestone Rural Water. This permit may be subject to curtailment or shut-off orders if threshold elevations in area monitoring wells reach levels where action is necessary per the Burr Water Source 2000 Water Resources Management Plan.

See report on application for additional information.

Eric Gronlund, Chief Engineer
June 9, 2021

WATER RESOURCES MANAGEMENT PLAN

South Dakota: Monitoring Points, Threshold Elevations, and Proposed Actions

The primary purpose of monitoring in South Dakota is to protect Lake Cochrane. Researchers in the state of South Dakota and the Environmental Impact Statement have both concluded that Lake Cochrane is receiving ground water from the Burr Unit of the Prairie Coteau aquifer. What is not known with exact certainty is the quantity of ground water that the lake is receiving from the Burr Unit, and the locations of the "springs" that allow ground water from the Burr Unit to enter the lake. Therefore, for the purposes of this plan, no attempt will be made to quantify the amount of ground water entering the lake, and three monitoring points will be used to determine an average ground water elevation in the Burr Unit near Lake Cochrane.

Under static conditions, the elevation of the potentiometric surface (ground water elevation) of the Burr Unit is approximately 11.65 feet higher than the elevation of the lake surface, or in other words, there is 11.65 feet of "head" above the lake. Any decrease in this "head" in the Burr Unit will decrease the amount of ground water entering the lake from the Burr Unit. This decrease in ground water entering the lake is directly (linearly) related to the amount of "head" decrease of the potentiometric surface of the Burr Unit (i.e. if the available "head" is decreased to a level only 5.83 feet higher than the lake level, or reduced by 50%, then the amount of ground water entering the lake from the Burr Unit is also reduced by 50%).

For the purposes of this plan, three monitoring wells around Lake Cochrane will be utilized. Quarterly, water levels in these three monitoring wells will be used to calculate the average decrease, if any, in the "head" of the Burr Unit. If it is determined that the available "head" has been reduced by 30% or more from static levels, then the steps described in the "Proposed Actions" section of this plan will take place.

Monitoring Points

Three monitoring wells will be utilized in this plan; they will all have data loggers installed on them so that a detailed record of ground water levels can be obtained. The monitoring wells which will be utilized, and their approximate static potentiometric surface elevations are as follows: Well R2-94-26, static elevation of 1,694.5 feet above mean sea level; Well R2-93-14, static elevation of 1,693.7 feet above mean sea level; Well R2-93-13, static elevation of 1,692.9 feet above mean sea level. The average static elevation of these three monitoring wells is 1,693.7 feet above mean sea level. (Note: static water elevations were calculated using data from 1993 and 1994, prior to utilization of the Burr Unit by Lincoln Pipestone Rural Water.)

The level of Lake Cochrane shall be measured using two different methods. The first method will utilize a staff gauge that will be in the lake during "ice-free" conditions. The second method will utilize survey measurements taken by the South Dakota Department of Environment and Natural Resources, Water Rights Program. A minimum of two lake level readings per year shall be taken. The lake level elevation used in this plan shall be equal to the weighted average of the previous ten years of measured lake levels. Presently, the 10-year weighted average elevation is 1,682.05 feet above mean sea level. In the event that pumping of the Burr Unit should adversely effect the level of Lake Cochrane, it is necessary to set a minimum lake level to be used in this plan. This level shall be 1,680.0 feet above mean sea level (this level is

approximately equal to the minimum calculated 10-year weighted average; calculated from the 20 years of available data which has been unaffected by pumping).

Threshold Elevations

An average decrease of 30% in the "head" of the Burr Unit (an average ground water elevation of 1,690.21 feet above mean sea level) is the primary action threshold to be used in this plan. The amount of decrease will be calculated by determining the decrease, if any, at each of the three monitoring wells. An average of these three decreases will then be calculated. If the primary threshold elevation of 1,690.21 feet is reached during any quarter, then the proposed actions below will take place.

Proposed Actions

If an average decrease of 30% or more in the "head" of the Burr Unit occurs (an average ground water elevation of 1,690.21 feet above mean sea level or less), Lincoln Pipestone Rural Water and the Minnesota Department of Natural Resources will immediately be notified of the situation. Lincoln Pipestone Rural Water will then begin manually taking water level readings in the three threshold wells on a weekly basis. Also, the technical staff from the Minnesota Department of Natural Resources, the South Dakota Department of Natural Resources, and Lincoln Pipestone Rural Water and their Consultants shall all meet (either in person or via phone) to discuss the situation, and any action(s) that may be necessary to prevent further declines in the "head" of the Burr Unit.

If an average decrease of 40% or more in the "head" of the Burr Unit occurs (a ground water elevation of 1,689.04 feet above mean sea level or less), then immediate action will take place. This action will be the same as that which is required by Minnesota Water Appropriation Permit 91-4159 for exceeding calcareous fen thresholds.

Notes

The 10-year moving average elevation of Lake Cochrane which is used in this plan, will be recalculated on an annual basis. The threshold elevations (which are calculated from the lake level data and from the average ground water elevations in the three monitoring wells) will also be recalculated on an annual basis. The monitoring points and proposed actions are also subject to periodic revision. At a minimum of once per year, the South Department of Environment and Natural Resources shall notify (either in writing or e-mail) the technical staff of the involved parties as to the status of the ground water levels in the Burr Unit.

REPORT ON WATER PERMIT APPLICATION NO. 8506-3

Prairie View Golf LLC

June 9, 2021

Water Permit Application No. 8506-3 requests the appropriation of 0.064 cubic feet per second (cfs) of water from one well completed into the Prairie Coteau aquifer (155 feet deep) located in the N $\frac{1}{2}$ NE $\frac{1}{4}$ Section 5 for the backup irrigation of 4.3 acres of golf course greens and tee boxes located in the NE $\frac{1}{4}$ Section 5; all in T114N-R47W. This site is located approximately 5 miles south of Gary, SD.

The applicant also holds Water Permit No. 7196-3, which appropriates 0.78 cubic feet of water per second (cfs) from a series of ponds supplied by runoff to irrigate 27 acres, all located in portions of Government Lots 1, 2, 5, and the SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 5; all in T114N-R47W. The permit authorizes up to seven ponds within the above-described area for a total storage capacity of 40-acre feet of water. Diversion of water from these ponds irrigates the golf course.

This application will serve as a backup supply for the irrigation of 4.3 acres of golf course greens and tee boxes when the surface supply covered by Permit No. 7196-3 is insufficient.

Aquifer: Prairie Coteau (PCO)

Hydrogeology

The DANR-Water Rights Program recognizes buried glacial outwash deposits that are not in contact with bedrock or surficial materials between the approximate altitudes of 1,600 and 1,800 feet on the Prairie des Coteau as the Prairie Coteau aquifer (Thompson, 2001; Water Rights, 2021a). The Prairie Coteau aquifer, however, is not continuous and is made up of many disconnected glacial outwash deposits of sand and gravel, of which the depth and thickness can vary widely.

The applicant's well is completed into a portion of the Prairie Coteau aquifer in Deuel County. The areal extent and altitude interval of this portion of the Prairie Coteau aquifer was identified by examining lithologic logs and well completion reports (South Dakota Geological Survey, 2021; Water Rights, 2021b). Figure 1 shows the estimated extent of this portion of the Prairie Coteau aquifer in South Dakota. This portion of the Prairie Coteau aquifer is generally found in the 1,450 to 1,750 feet above sea level (msl) altitude interval with a thickness often ranging between 19 to 131 feet and averaging 68 feet with an estimated areal extent of approximately 20,000 acres in South Dakota and extends east into Minnesota (South Dakota Geological Survey, 2021; Water Rights, 2021b). This portion of the Prairie Coteau aquifer is likely hydraulically connected with other smaller outwash bodies above and below this aquifer.

The well completion report included with the application indicates depth to top of aquifer is 96 feet below grade and continues to 165 feet below grade. The static water level was reported to be 8 feet below grade at the time the well was constructed (October 2009).

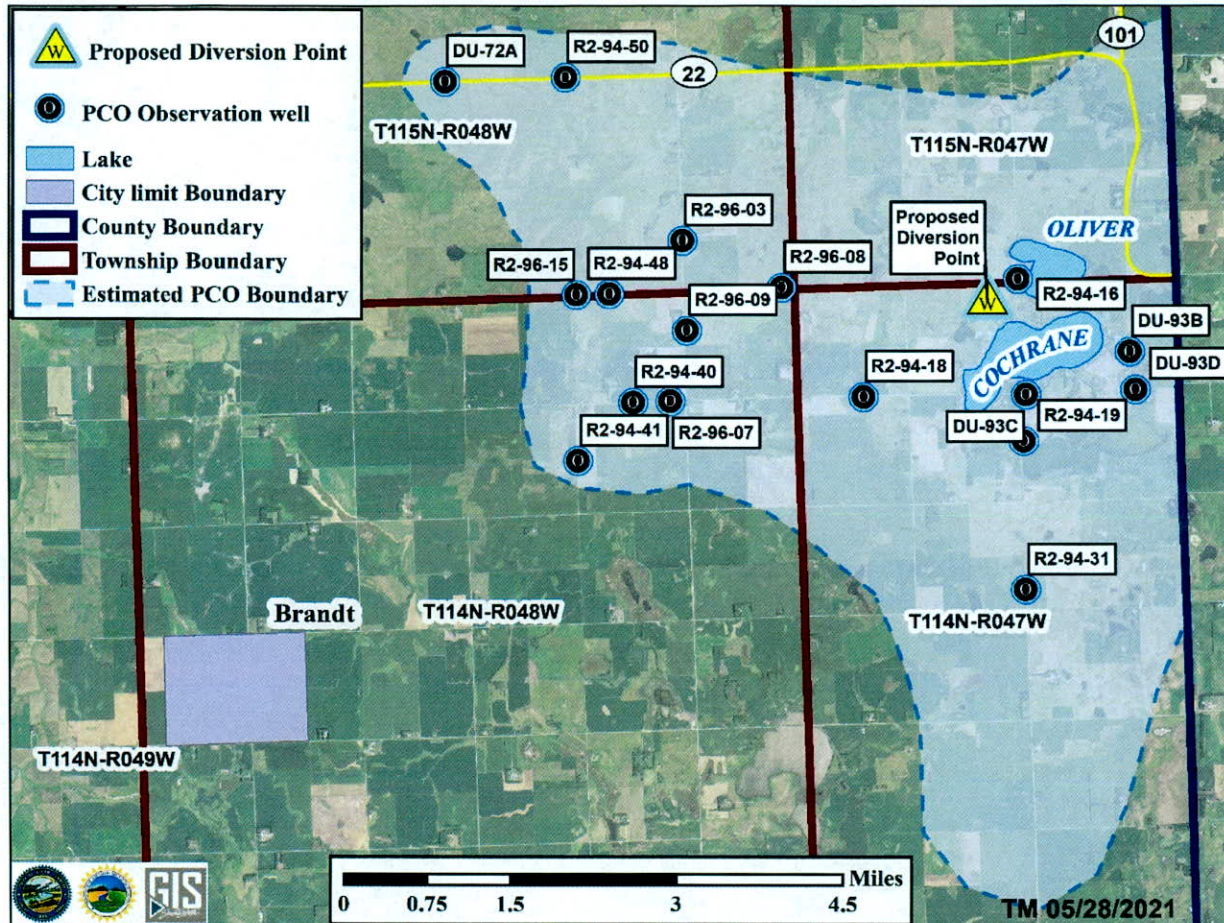


Figure 1: The proposed diversion point, Observation wells the DANR-Water Rights Program monitors completed into this portion of the Prairie Coteau aquifer (PCO), major lakes near the proposed diversion point, and the estimated Prairie Coteau aquifer (PCO) boundary.

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 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 potential for unlawful impairment of existing water rights within this portion of the Prairie Coteau aquifer.

Water Availability

SDCL 46-6-3.1 is considered when evaluating the probability of unappropriated water from an aquifer and states, "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. An application may be approved, however, for withdrawals of groundwater from any groundwater formation older than or stratigraphically lower than the greenhorn formation in excess of the average estimated annual recharge for use by water distribution systems." This portion of the Prairie Coteau aquifer is not older or lower than the Greenhorn Formation, and there is no water distribution system involved. Therefore, recharge and withdrawal rates must be considered.

Hydrologic Budget

Recharge

Recharge to this portion of the Prairie Coteau aquifer occurs through the infiltration of precipitation and snowmelt, where permeable layers overlie the aquifer. Hedges, Allen, & Holly (1985) suggested an average annual recharge rate to confined aquifers of 0.15 to 0.60 inches per year for use by management and development programs. Due to this portion of the Prairie Coteau aquifer being confined, for the most part, the average annual recharge of 0.15 to 0.60 will be used. Given the estimated areal extent of this portion of the Prairie Coteau aquifer (20,000 acres) and using a range of 0.15 to 0.60 inches per year, the estimated average annual recharge for this portion of the Prairie Coteau aquifer ranges between approximately 250 to 1,000 acre-feet per year (ac-ft/yr) in South Dakota.

Discharge

Currently, there are no South Dakota water rights/permits completed into this portion of the Prairie Coteau aquifer (Water Rights, 2021a). The majority of domestic users in the area of the proposed diversion are served primarily by the Brookings-Deuel Rural Water System (DANR, 2020).

There are several well completion reports on file with SD DANR Water Rights Program for domestic wells that appear to be completed into this portion of the Prairie Coteau aquifer. However, due to the rural water systems supplanting use from private domestic wells, their annual withdrawal is not a significant portion of the hydrologic budget for the aquifer (Water Rights, 2021b).

Hydrologic Budget Summary

The estimated average annual withdrawals from this portion of the Prairie Coteau aquifer, if this application is approved, will be 8.6 ac-ft/yr assuming full use of the proposed appropriation. The user will likely use less since this is to be used as a backup supply to Water Permit No. 7196-3.

The estimated average annual recharge to this portion of the Prairie Coteau aquifer ranges between approximately 250 to 1,000 acre-feet per year (ac-ft/yr) in South Dakota. Therefore, there is a reasonable probability there is unappropriated water available from this portion of the Prairie Coteau aquifer for the proposed appropriation.

Observation Well Data

In determining the availability of unappropriated water for a permit application, Administrative Rule of South Dakota (ARSD) 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 average annual recharge to the aquifer.

The DANR-Water Rights Program monitors 17 observation wells completed into this portion of the Prairie Coteau aquifer (Figure 1) (Water Rights, 2021c). Observation wells provide data on how the aquifer reacts to regional climatic conditions and local pumping. There are 3 nearby observation wells that are completed into the same portion of the Prairie Coteau aquifer that can be used for analysis. They are observation wells R2-94-16 (0.3 mi NW), DU-93C (0.9 mi SE) and DU-93B (1.4 mi SE) (Water Rights, 2021c). The hydrographs for these wells are shown in Figure 3.

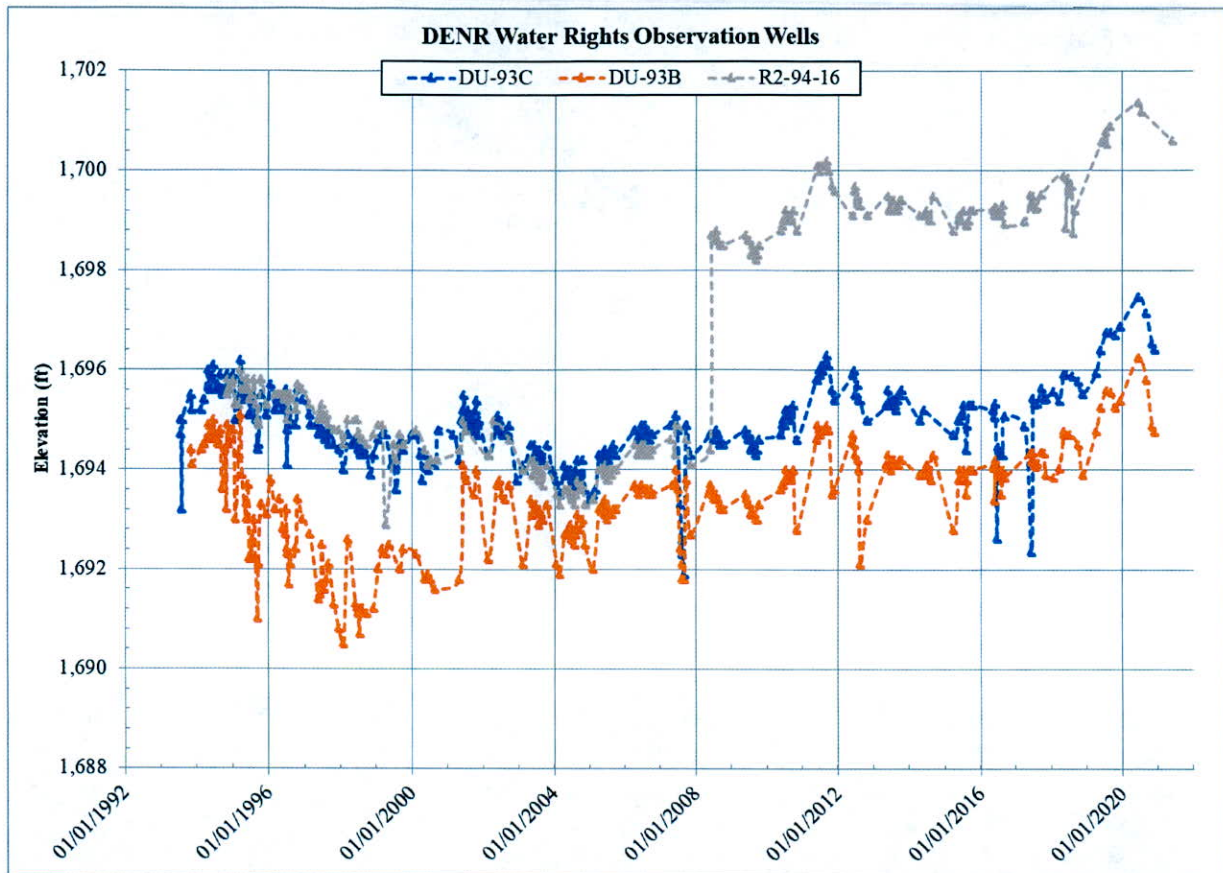


Figure 3: Hydrographs for Observation Wells R2-94-16 (0.3 mi NW), DU-93C (0.9 mi SE) and DU-93B (1.4 mi SE) (Water Rights, 2021c).

Observation well R2-94-16 had a change in stickup height (the length of well casing above ground), likely due to construction in the area between readings taken on 5/19/2008 and 6/1/2008. The exact amount of stickup change is not known since it has not been surveyed in and, as a result, the shift in measurements has not been applied. The observation well was tested before and after the stickup height change, and the well depth was recorded at 162.7 feet before the change and 158.2 feet after the change in stickup height, implying that the stickup height was reduced by approximately 4.5 feet (Water Rights, 2021c).

These observation well hydrographs are representative of this portion of the Prairie Coteau aquifer. The water levels in the observation wells show that the amount of recharge to and natural discharge from the aquifer exceeds withdrawals. Therefore, climatic conditions, and thus recharge to and natural discharge from the aquifer, govern the long-term changes in water level for the aquifer instead of pumping. Recognizing that recharge to and natural discharge from an aquifer can be captured for pumping, the observation well hydrographs document there is a reasonable probability unappropriated water is available for this application.

Potential For Unlawful Impairment Of Existing Water Rights

Currently, there are no South Dakota water rights/permits in this portion of the Prairie Coteau aquifer (Water Rights, 2021a). There are several domestic wells on file with the SD DANR-Water Rights Program, which appear to be completed into this portion of the Prairie Coteau aquifer (Water Rights, 2021b).

The thickness of the Prairie Coteau aquifer in the area of this application is expected to range from 30 to 100 feet (South Dakota Geological Survey, 2021; Water Rights, 2021c). This portion of the Prairie Coteau aquifer is primarily confined, so drawdown from pumping could extend a significant distance from the proposed well site. The nearest observation wells (R2-94-16 0.3 mi NW) water levels have varied by approximately 4 feet (assuming 4.5 feet of stickup reduction starting 6/1/2008) over the period of record (1994 to 2021), with the lowest recorded level taken on 04/05/1999 being approximately 15 feet below ground surface (top of aquifer is 105 feet below ground surface), leaving approximately 90 feet of artesian head pressure above the top of the aquifer (Water Rights, 2021c).

SDCL 46-6-6.1 does not necessarily protect artesian head pressure as a means of delivery, and in the past, the Water Management Board has recognized that to place water to maximum beneficial use, a certain amount of drawdown may occur (Water Rights, 1995). The Water Management Board has also 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). With that in mind, some existing well owners may need to lower their pumps to accommodate deeper water levels.

Lake Cochrane receives recharge from springs likely originating from this portion of the Prairie Coteau aquifer; however, the amount of recharge is unknown. Lincoln Pipestone Rural Water is located in Minnesota and is likely completed into the same aquifer as this application. In 2000 South Dakota DENR and Minnesota DNR worked together to create a water resources management plan that would ensure sustainable use of the aquifer and set water level threshold elevations to ensure the aquifer was not mined and the water level of Lake Cochrane was not adversely affected by the pumping. Even after Lincoln Pipestone Rural Water starting pumping, there have been no well interference complaints on file with the Water Rights Program in this portion of the Prairie Coteau aquifer (Water Rights, 2021e).

Considering the artesian head pressure in the area (approximately 90 feet above the top of the aquifer), and the laws and rules governing water use and protection of adequate wells, drawdown from pumping this proposed diversion is not expected to adversely impact nearby adequate wells.

An adversely impacted well as defined in ARSD 74:02:04:20(7):

"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."

Therefore, there is a reasonable probability that any drawdown created by pumping for this proposed appropriation will not unlawfully impair existing water rights/permits and domestic users with adequate wells.

Conclusions

1. Water Permit Application No. 8506-3 requests the appropriation of 0.064 cubic feet per second (cfs) of water from one well completed into the Prairie Coteau aquifer (155 feet deep) located in the N ½ NE ¼ Section 5 for the backup irrigation of 4.3 acres of golf course greens and tee boxes located in the NE ¼ Section 5; all in T114N-R47W. This site is located approximately 5 miles south of Gary, SD.
2. Based on observation well data and the hydrologic budget, there is a reasonable probability that unappropriated water is available from this portion of the Prairie Coteau aquifer.
3. There is a reasonable probability that the diversion proposed by this application will not unlawfully impair adequate wells for domestic users.


Timothy Magstadt

Natural Resources Engineer II

SD DANR – Water Rights Program

References

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- Thompson, R. F. (2001). *Water Resources of the Lake Traverse Reservation, South and North; Water-Resource Investigation Report 01-4219*. U.S. Geological Survey.
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- Water Rights. (2021a). *Water Right/Permit Files*. Joe Foss Bldg., Pierre, South Dakota.: SD DANR-Water Rights Program.
- Water Rights. (2021b). *Well Completion Report Files*. Joe Foss Bldg., Pierre, South Dakota.: SD DANR-Water Rights Program.
- Water Rights. (2021c). *Observation Well Database*. Joe Foss Bldg., Pierre, South Dakota.: SD DANR-Water Rights Program.
- Water Rights. (2021e). *County Files, SD DANR-Water Rights Program, Joe Foss Bldg, Pierre, SD*.

RECEIVED

Affidavit of Publication

JUN 21 2021

State of South Dakota

ss

WATER RIGHTS PROGRAM

County of Brookings

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

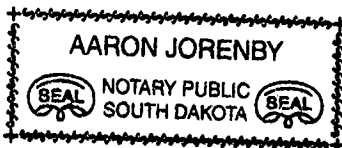
Leg#15125 Application 8506-3, Water Appropriation

same was published, is hereto attached marked Exhibit said newspaper for 1 times, to-wit:

June 16, 2021

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

Thirty-Two Dollars and Twenty-Five Cents \$32.25



Handwritten signature of Aaron Jorenby

17 day of

June

2021

Notary Public in and for the County of Brookings, South Dakota. My Commission expires February 22, 2026

Legal 15125 1X 6/16

NOTICE OF APPLICATION NO. 8506-3 TO APPROPRIATE WATER

Notice is given that Prairie View Golf LLC c/o John Appelen, 3790 Edgewater Dr, Gary SD 57237 has filed an application for a water permit to appropriate 0.064 cubic feet of water per second from one well completed into the Prairie Coteau Aquifer (155 feet deep) located in the N 1/2 NE 1/4 Section 5 for irrigation of 4.3 acres located in the NE 1/4 Section 5; all in T114N-R47W. Water Permit No. 7196-3 authorizes irrigation of the golf course from a series of ponds. This application will serve as a back-up supply for irrigation of the 4.3 acres of golf course greens and tee boxes when the surface water supply covered by Permit No. 7196-3 is insufficient. This site is located near Lake Cochran approximately 5 miles south of Gary SD. Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 8506-3 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 June 28, 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 1X at the total approximate cost of \$32.25.

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA
COUNTY OF DEUEL

Ken Reiste being first duly sworn, on oath says: That he is publisher of the Clear Lake Courier, a weekly newspaper published in the City of Clear Lake, Deuel County, South Dakota; that he has full and personal knowledge of all facts herein stated; that said newspaper is a legal newspaper as defined in SDCL 17-2-2.1 through 17-2-2.4 inclusive; that said newspaper has been published within the said County of Deuel and State of South Dakota, for at least one year next prior to the first publication of the attached public notice, and that

Notice Of Application No 8506-3 to Appropriate Water Prairie View Golf LLC

a printed copy of which, taken from the paper in which the same was published, and which is hereto attached and made a part of this affidavit, was published in said newspaper for one successive week(s) to wit:

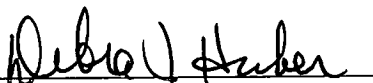
June 16, 2021

That the full amount of the fee charged for publication of the attached public notice insures to the sole benefit of the publisher; that no agreement or understanding for the division thereof has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever; that the fees charged for the publication thereof are \$29.07


Ken Reiste

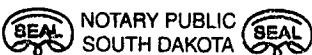
Subscribed and sworn to before me

this 16 day of June, 2021


Notary Public, South Dakota

My commission expires: 9-21-2021

DEBRA J. HUBER



Public notice

NOTICE OF APPLICATION NO. 8506-3 to Appropriate Water

Notice is given that Prairie View Golf LLC c/o John Appelen, 3790 Edgewater Dr, Gary SD 57237 has filed an application for a water permit to appropriate 0.064 cubic feet of water per second from one well completed into the Prairie Coteau Aquifer (155 feet deep) located in the N 1/2 NE 1/4 Section 5 for irrigation of 4.3 acres located in the NE 1/4 Section 5; all in T114N-R47W. Water Permit No. 7196-3 authorizes irrigation of the golf course from a series of ponds. This application will serve as a back-up supply for irrigation of the 4.3 acres of golf course greens and tee boxes when the surface water supply covered by Permit No. 7196-3 is insufficient. This site is located near Lake Cochran approximately 5 miles south of Gary SD.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 8506-3 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 con-

tact 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 June 28, 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 \$29.07 (18-1/86)

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JUN 21 2021

WATER RIGHTS
PROGRAM

Schlaak, Karen

From: Schlaak, Karen
Sent: Wednesday, June 9, 2021 11:05 AM
To: 'registerclassifieds@brookingsregister.com'
Subject: 8506-3, Prairie View Golf LLC
Attachments: 8506-3public.short.docx; FORM8.FRM.doc

Attached is a notice to be published on June 16, 2021.

Prairie View Golf LLC, c/o John Appelen, 3790 Edgewater Dr, Gary SD 57237 (303 828-6300) 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

DANR - Water Rights Program

(605) 773-3352

Website: <https://danr.sd.gov>



Schlaak, Karen

From: Schlaak, Karen
Sent: Wednesday, June 9, 2021 11:05 AM
To: Clear Lake Courier (clprint1@itctel.com)
Subject: 8506-3, Prairie View Golf LLC
Attachments: 8506-3public.short.docx; FORM8.FRM.doc

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Karen Schlaak

DANR - Water Rights Program
(605) 773-3352
Website: <https://danr.sd.gov>





**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

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

June 9, 2021

Prairie View Golf LLC
c/o John Appelen
3790 Edgewater Dr
Gary SD 57237

Dear Mr. Appelen:

Water Permit Application No. 8506-3 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 Clear Lake Courier printed at Clear Lake SD (Ph # 605 874-2499) and the Register printed at Brookings SD (Ph # 605 692-6271). 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. 8506-3 to Appropriate Water

Notice is given that Prairie View Golf LLC c/o John Appelen, 3790 Edgewater Dr, Gary SD 57237 has filed an application for a water permit to appropriate 0.064 cubic feet of water per second from one well completed into the Prairie Coteau Aquifer (155 feet deep) located in the N 1/2 NE 1/4 Section 5 for irrigation of 4.3 acres located in the NE 1/4 Section 5; all in T114N-R47W. Water Permit No. 7196-3 authorizes irrigation of the golf course from a series of ponds. This application will serve as a back-up supply for irrigation of the 4.3 acres of golf course greens and tee boxes when the surface water supply covered by Permit No. 7196-3 is insufficient. This site is located near Lake Cochrane approximately 5 miles south of Gary SD.

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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

JUL 13 2021

Prairie View Golf LLC
c/o John Appelen
3790 Edgewater Dr.
Gary SD 57237

Dear Mr. Appelen:

Enclosed is Water Permit No. 8506-3 authorizing construction of the water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit. Also attached is a copy of the Water Management Plan agreed upon by the Minnesota Dept. of Natural Resources, SD Dept. of Ag and Natural Resources and Lincoln Pipestone Rural Water.

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