

WATER PERMIT NO. 8791-3

Name of Applicant: **Dan Goehring**

Address: **30363 121st Street, Mound City SD 57646**

Phone: **605-848-9600**

Amount of Water Claimed: **3.56 cfs**

Total Acres: **290**

Source of Water Supply: **Groundwater**

Water to be used for: **Irrigation**

County: **Campbell**

Type of Waste Disposal System:

Location: **Approx. 17 miles northeast of Mobridge SD**

PRIORITY Date Received: **08-24-2023**

Application/License Fee: **\$1,250.00**

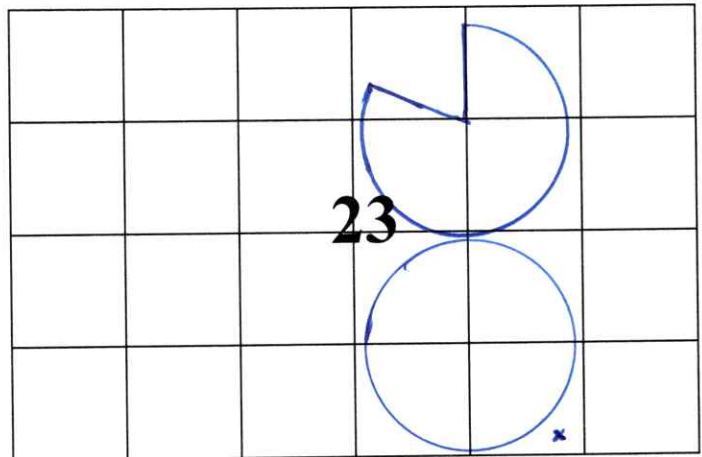
Corrected Application Received: **08-25-2023**

Period of Annual Use: **April 1 – November 30**

Remarks: **2 center pivots – turbine pump**

Diversion Point: **SE 1/4 SE 1/4 Section 23-T125-R77W**

Land to be Irrigated: **NE 1/4, SE 1/4 Section 23-T125N-R77W**



Depth of Well: **98**

Well Driller: **Dakota Well Drilling**

Remarks:

Type of Map: **aerial**

Reviewed and the Number Assigned on: **08-25-2023**

By: **Rachel Rodriguez**

Notice of Hearing - date to intervene: _____

**SOUTH DAKOTA
WATER PERMIT NO. 8791-3**

Date of first receipt of application August 24, 2023.

Date of return to applicant for corrections, amendments or changes August 24, 2023.

Date of receipt of corrected application August 25, 2023.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 8791-3 to Dan Goehring, 30363 121st Street, Mound City SD 57646 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. 8791-3 appropriates 3.56 cubic feet of water per second from one well to be completed into the Selby Aquifer (approximately 98 feet deep) located in the SE 1/4 SE 1/4 Section 23 for irrigation of 290 acres located in the E 1/2 Section 23; all in T125N-R77W. This site is located approximately 17 miles northeast of Mobridge 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: April 1 – November 30.
3. The date from which applicant may claim right is August 24, 2023.
4. The date of approval of Permit No. 8791-3 is October 30, 2023.
5. One-fifth of the construction is to be completed on or before April 30, 2026.
6. All construction is to be completed on or before October 30, 2028.
7. Water is to be put to beneficial use on or before October 30, 2032.
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. 8791-3 is located near domestic wells and other wells which may obtain water from the same aquifer. Water withdrawals 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. The well authorized by Permit No. 8791-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

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

JAN 02 2024.
date



RECEIVED

AUG 24 2023

OFFICE OF
WATER**FORM 2: Application for irrigation in South Dakota**
(type or print)

Mail to: SD DNR, Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>8791-3</u> Hydrologic Unit <u>10130106</u>
	Basin <u>West Missouri Coteau</u>
	Newspaper <u>Pollock Prairie Pioneer</u>
	<u>Aberdeen American News</u> (office use only)

Application for Permit to Appropriate Water for Irrigation

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

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

1. Name to Appear on Irrigation Permit Dan Goehring

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

Mailing Address 30363 121st St. Mound City, SD 57646
(Address) (City) (State) (Zip Code)

Phone _____ Mobile (605) 848-9600 Email dgg@valleytel.net

2. Amount of water claimed 3.56 *CFS or 1600 **GPM ***AP Total Acreage 290
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply Well SE 1/4

4. Location of point of diversion SE 1/4 Sec 23 T125N R77W
(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)

5. County or counties where water will be used Cambell County Cambell

6. Annual period during which water is to be used April 1 - Nov 30

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

Land Description	Acres	Land Description	Acres
<u>NE 1/4 Sec 23 T125N R77W</u>	<u>130</u>		
<u>SE 1/4 Sec 23 T125N R77W</u>	<u>160</u>		

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

2 Center pivots pumped through underground PVC with turbine pump

I, Dan Goehring Owner/operator, 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.

2021-08

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 Dakota Well Drilling
(if yes, please provide copies of logs)
- b) If existing wells, how many 0 Provide copy of log(s), if available. Drilled by _____

For either existing or proposed wells:

- c) Well Depth (required) 98 Depth to Top of Water Bearing Material 71 Depth to Water from Surface 24.2
- d) Distance to nearest domestic well on applicant's property 0 Property owned by others UNKNOWN

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) _____
- b) System Capacity (gallons) _____ Year Constructed _____
- c) Connected to the City of _____ Sanitary System

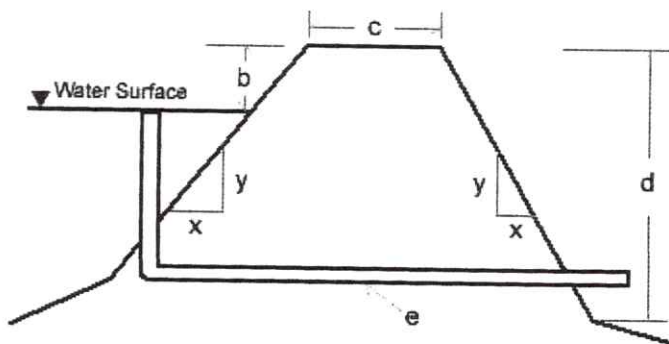
3. Dugout Information

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

4. Water Storage Dams

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

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



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

125N 77W
Section: 15

125N 77W
Section: 14

125N 77W
Section:

125N 77W
Section: 22

125N 77W
Section: 23

10130106 West Missouri Coteau

125N 77W
Section: 2

125N 77W
Section: 27

125N 77W
Section: 26

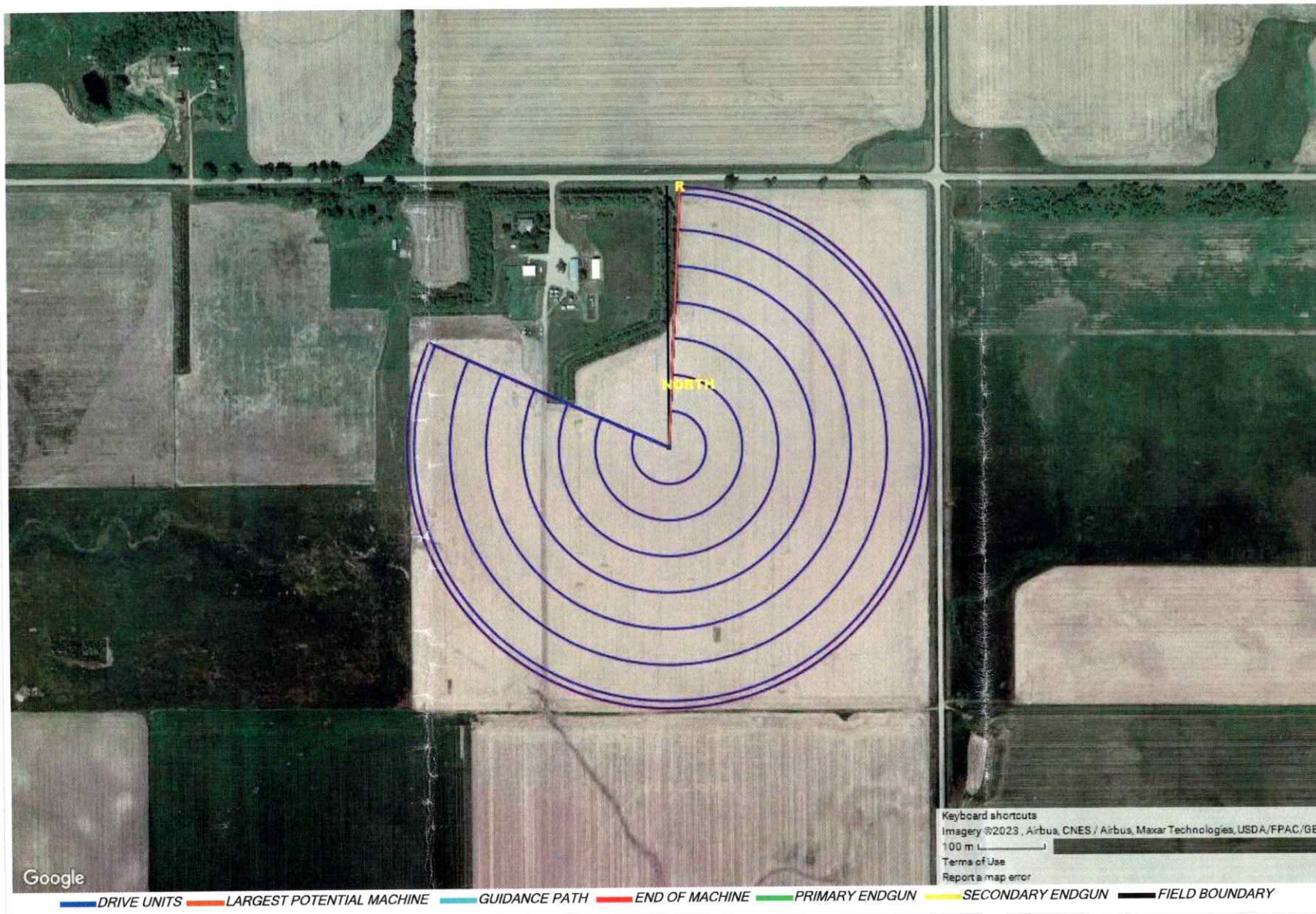
125N 77W
Section: 2

303 AVE

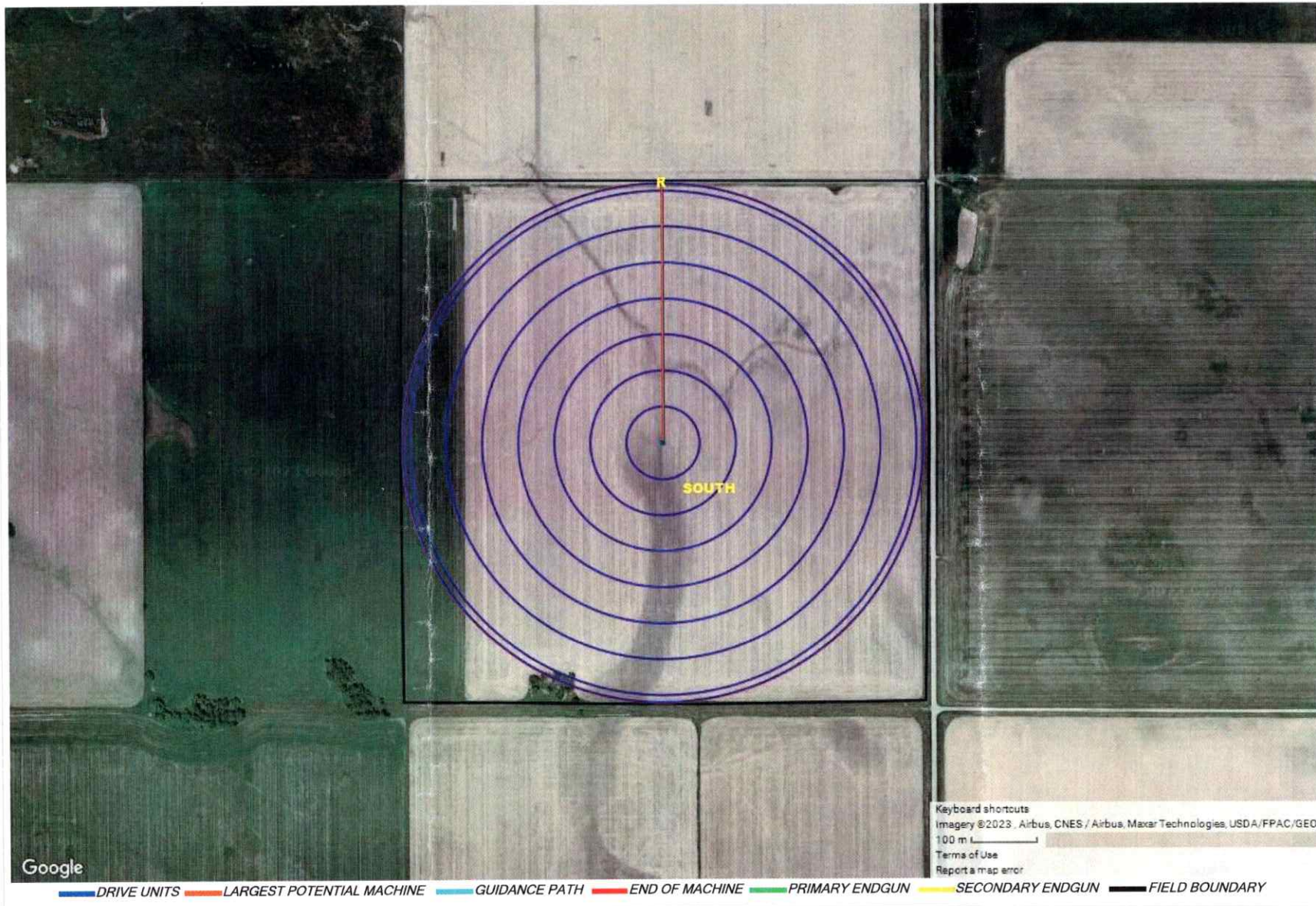
304 AVE

122 ST

Map Summary Report - NORTH



Map Summary Report - SOUTH





Project Name - DAN GOEHRING

Version Name - DAN GOEHRING_Version

Map Summary Report - SOUTH

Field Name	Design Name	Machine Category	Machine Area (ac)	No. of Towers	Total Machine Length (ft)	Total Irrigated Area (ac)
Pivot_1_331202218938302	SOUTH	LARGE FIELD ELECTRICAL PIVOT 8000	122.27	7	1298.12	121.92

Total Project Irrigated Area (ac): 220.54

(SOUTH)	Spans and Overhang	Corner	Endgun*	Bender / DropSpan	Polygon
Irrigated Area using (ac)	121.92	0	0	0	0.00

* Estimated

Field Name	Latitude	Longitude	Pivot Road Angle	Pivot Road Offset	Start Angle	End Angle
Pivot_1_331202218938302	45.62677276755361	-100.11563698791258	-	-	0 deg	360 deg



Project Name - DAN GOEHRING

Version Name - DAN GOEHRING_Version

Map Summary Report - NORTH

Field Name	Design Name	Machine Category	Machine Area (ac)	No. of Towers	Total Machine Length (ft)	Total Irrigated Area (ac)
Pivot_2_3312022182229333	NORTH	LARGE FIELD ELECTRICAL PIVOT 8000	98.91	7	1298.12	98.62

Total Project Irrigated Area (ac): 220.54

(NORTH)	Spans and Overhang	Corner	Endgun*	Bender / DropSpan	Polygon
Irrigated Area using (ac)	98.62	0	0	0	0.00

* Estimated

Total Span Length (ft) 1260.00

Overhang Length (ft) 36.00

Flex/Transition/Other Lengths (ft) 2.12

S.No	Diameter	Length (ft)	Cable Size	Motor Options	Tire Size	Bender / DropSpan	Profile	Wheel Track (ft)
1	6 5/8	180.00	12 ga cable / 11 cond shielded	34 RPM Baldor Helical	11.2 x 38 w/Tube	None	Standard	180.00
2	6 5/8	180.00	12 ga cable / 11 cond shielded	34 RPM Baldor Helical	11.2 x 38 w/Tube	None	Standard	360.00
3	6 5/8	180.00	12 ga cable / 11 cond shielded	34 RPM Baldor Helical	11.2 x 38 w/Tube	None	Standard	540.00
4	6 5/8	180.00	12 ga cable / 11 cond shielded	68 RPM Baldor Helical	11.2 x 38 w/Tube	None	Standard	720.00
5	6 5/8	180.00	12 ga cable / 11 cond shielded	68 RPM Baldor Helical	11.2 x 38 w/Tube	None	Standard	900.00
6	6 5/8	180.00	12 ga cable / 11 cond shielded	68 RPM Baldor Helical	11.2 x 38 w/Tube	None	Standard	1080.00
7	6 5/8	180.00	12 ga cable / 11 cond shielded	68 RPM Baldor Helical	11.2 x 38 w/Tube	None	Standard	1259.74

Field Name	Latitude	Longitude	Pivot Road Angle	Pivot Road Offset	Start Angle	End Angle
Pivot_2_3312022182229333	45.63391993505039	-100.11562796266038	2.88 deg	-	2.88 deg	294.09 deg

8791-3

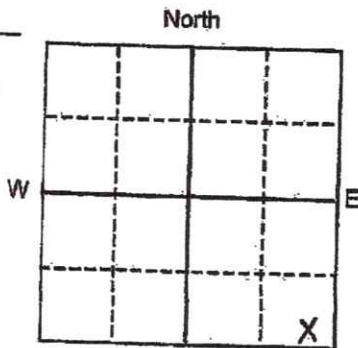
SD EForm - 1621LD V1

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SE 1/4 SE 1/4 Sec 23 Twp 125N Rg 77WCounty Cambell

Please mark well location with an "X"



Well Completion Date

5/17/23

1 Mile

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
ft. from No Known Source (Identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

Forward Rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>200</u> LB/FT	<u>5</u> IN	<u>0</u> FT	<u>77</u> FT	<u>7 7/8</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>High Solids Bentonite</u>	<u>9.5</u>	<u>Lb/gal</u>	<u>65</u> Ft	<u>77</u> Ft
		<u>Lb/gal</u>	Ft	Ft

Describe grouting procedure

Tremie Pipe Method

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 5 Inches Length 20 FeetMaterial PVCSlot Size .032 Set From 77 Feet to 97 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? Backflush well with
☐ No, Why Not? 100 ppm chlorine solution

Lab to which water quality sample sent for analysis

Well Owner: Dan Goehring

Business Name:

Address: 30363 121st StCity, State, Zip: Mound City, SD 57646

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Brown Clay</u>	<u>0</u>	<u>8</u>
<u>Ok med Sand</u>	<u>8</u>	<u>35</u>
<u>Coarse ok Sand</u>	<u>35</u>	<u>40</u>
<u>Coarse sand clean better color</u>	<u>40</u>	<u>47</u>
<u>Soft blue clay with sand layers</u>	<u>47</u>	<u>71</u>
<u>Coarse clean gravel took water</u>	<u>71</u>	<u>98</u>

STATIC WATER LEVEL 29' from top of casing 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: 5 HP Submersible Pump
☐ Bailed

☐ Other

Pumping Level Below Land Surface

29.41 Ft. After 2 Hrs. pumped 110 GPM

 Ft. After Hrs. pumped GPM

If pump installed, pump rate: _____ GPM

REMARKS

268 gallons per foot of draw down and
stabilized after 2 hrs.

RECEIVED

AUG 25 2023

This well was drilled under license # 843

report is true and accurate.

Drilling firm: Dakota Well Drilling

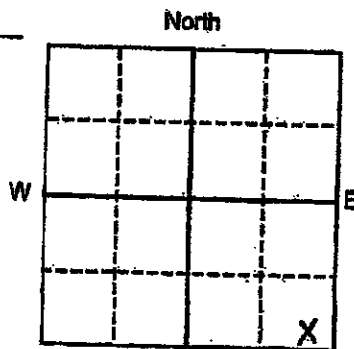
Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: 8/21/23

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SE 1/4 SE 1/4 Sec 23 Twp 125N Rg 77WCounty CambellPlease mark well
location with an "X"

Well Completion Date

5/17/23Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
ft. from No Known Source (Identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

Forward Rotary

CASING DATA:

☐ Steel
☒ Plastic
☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>200</u> LB/FT	<u>5</u> IN	<u>0</u> FT	<u>77</u> FT	<u>7 7/8</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>High Solids Bentonite</u>	<u>9.5</u>	<u>Lb/gal</u>	<u>65</u> Ft	<u>77</u> Ft
		<u>Lb/gal</u>	Ft	Ft

Describe grouting procedure

Tremie Pipe Method

SCREEN:

☐ Perforated pipe
☒ Manufactured
Diameter 5 Inches Length 20 FeetMaterial PVCSlot Size .032 Set From 77 Feet to 97 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? Backflush well with
☐ No, Why Not? 100 ppm chlorine solution
Lab to which water
quality sample sent for analysisWell Owner: Dan Goehring

Business Name:

Address: 30363 121st StCity, State, Zip: Mound City, SD 57646

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Brown Clay</u>	<u>0</u>	<u>8</u>
<u>Or med Sand</u>	<u>8</u>	<u>35</u>
<u>Coarse or Sand</u>	<u>35</u>	<u>40</u>
<u>Coarse sand clean better color</u>	<u>40</u>	<u>47</u>
<u>Soft blue clay with sand layers</u>	<u>47</u>	<u>71</u>
<u>Coarse clean gravel took water</u>	<u>71</u>	<u>98</u>

STATIC WATER LEVEL 29' from top of casing FEET

If flowing: closed in pressure

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: 5 HP Submersible Pump
☐ Bailed

☐ Other

Pumping Level Below Land Surface

29.41 Ft. After 2 Hrs. pumped 110 GPM

Ft. After Hrs. pumped GPM

If pump installed, pump rate: GPM

REMARKS

268 gallons per foot of drawdown and
stabilized after 2 hrs.

This well was drilled under license # 843 and this report is true and accurate.Drilling firm: Dakota Well Drilling

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: 5/21/23

RECEIPT

WATER RIGHTS PROGRAM South Dakota Department of Agriculture and Natural Resources

Date August 24, 2023

RECEIVED OF Dan Goehring 30363 121st St. Mound City SD 57646

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

Fee for Application for Permit No. <u>8791-3</u> to Appropriate Water, to construct and to put water to beneficial use	\$ <u>1050.00</u>
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>8791-3</u>	\$ <u>200.00</u>
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	\$ <u>1250.00</u>

By Eric Gronlund
Chief Engineer
Em



**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. 8791-3, Dan Goehring**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Agriculture and Natural Resources concerning Water Permit Application No. 8791-3, Dan Goehring, 30363 121st Street, Mound City SD 57646.

The Chief Engineer is recommending APPROVAL of Application No. 8791-3 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 domestic water uses and water rights, 3) the proposed use is a beneficial use and 4) it is in the public interest as it pertains to matters of public interest within the regulatory authority of the Water Management Board with the following qualifications:

1. The well approved under Water Permit No. 8791-3 is located near domestic wells and other wells which may obtain water from the same aquifer. Water withdrawals 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. The well authorized by Permit No. 8791-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.

Eric Gronlund, Chief Engineer
October 6, 2023

Report to the Chief Engineer

Water Permit Application No. 8791-3

Dan Goehring

22 September 2023

Water Permit Application No. 8791-3 proposes to appropriate water at a maximum instantaneous diversion rate of 3.56 cubic feet of water per second (cfs) from one well completed into the Selby aquifer (approximately 98 feet deep) located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 23 for the irrigation of 290 acres located in the E $\frac{1}{2}$ of Section 23, all in T125N-R77W. The site is located in Campbell County, approximately 17 miles northeast of Mobridge, South Dakota.

Aquifer: Selby (S)

South Dakota Codified Law (SDCL) 46-2A-9:

SDCL 46-2A-9 states that “a permit to appropriate water may only be issued if there is a reasonable probability that unappropriated water is available for the applicant’s proposed use, the proposed diversion can be developed without unlawful impairment of existing domestic water uses and water rights, the proposed use is a beneficial use, and the permit is in the public interest as it pertains to matters of public interest within the regulatory authority of the Water Management Board as defined by SDCL 46-2-9 and 46-2-11.”

This report will address the availability of unappropriated water and the potential for unlawful impairment of existing domestic uses and water rights within the Selby aquifer.

Description of Aquifer:

The Selby aquifer is a quaternary-aged glacial outwash consisting of medium to coarse sand and gravel, typically brown or gray, and is a surface aquifer system that is primarily under unconfined or buried unconfined conditions. The Selby aquifer contains an estimated 480,000 acre-feet of recoverable water (Hedges et al., 1982). In South Dakota, the Selby aquifer covers approximately 170,900 acres in Campbell, McPherson, and Walworth Counties (Hedges et al., 1982), and overlays approximately 128,000 acres of Campbell County.

The geology of the region is relatively complicated due to interbedding of clay, sand and gravel in the areas where the Selby aquifer overlays the Grand aquifer (Water Rights, 2023d). The Selby aquifer is often near or at the land surface, typically unconfined, and is considered a shallow aquifer while the Grand aquifer is a deeper basal aquifer and often in contact with the Pierre Shale (Hedges et al., 1985; Kume and Howells, 1987; Water Rights, 2023c and 2023d).

Well completion reports for wells completed into confined portions of the aquifer have static water levels ranging from 38 to 41 feet at the time of well completion, depth to top of aquifer ranging from 57 to 78 feet, and saturated aquifer thicknesses ranging from 29 to 34 feet (Water Rights, 2023d). Confined conditions at these locations are due to confining clay layers. The

majority of well completion reports for the Selby aquifer are located generally east of the diversion point for this application and were under unconfined conditions during the time of well completion. These wells have static water levels ranging from 11 to 44 feet deep, depths to top of aquifer ranging from 0 to 2 feet, with saturated aquifer thicknesses ranging from 12 to 28 feet (Water Rights, 2023d). A well completion report was submitted with this application. At the site, the Selby aquifer is locally confined at the proposed diversion point, with a static water level depth of 29 feet, depth to top of the aquifer is 8 feet, and the saturated aquifer thickness is 27 feet. A confining clay layer that is 24 feet thick occurs at a depth of 47 feet, and the screen is set from 77 feet to 97 feet. The aquifer is confined at this location, due to an interbedded impermeable layer within the outwash aquifer material. (Water Rights, 2023d).

SDCL 46-6-3.1:

SDCL 46-6-3.1 states that “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.” Exceptions to this are for applications to withdrawal groundwater from a groundwater formation older than or stratigraphically lower than the Greenhorn formation and are also for use by water distribution systems.

The Selby aquifer is not older than or stratigraphically lower than the Greenhorn formation, and this application is not a water distribution system as defined by SDCL 46-1-6 (17). Therefore, the average annual hydrologic budget (average recharge versus average withdrawals) must be considered.

Hydrologic Budget Analysis:

Recharge

Recharge to the aquifer is generally from precipitation via snow melt and spring/early summer rains, where the water can percolate downward into the water table after the soil has exceeded its soil moisture holding capacity. Infiltration is the greatest in areas where the aquifer is overlain by permeable material (Koch, 1970).

Using observation well analysis for unconfined portions of the aquifer, a recharge rate of 2 inches/year to the Selby aquifer was estimated (Hedges et al., 1985). Multiplying that value by the total acreage of the Selby aquifer calculates an estimated average annual recharge rate of approximately 28,483 acre-feet/year. This value may be an overestimation due to buried and confined portions of the aquifer limiting recharge.

Discharge

Discharge from the Selby aquifer is due mainly from well withdrawals and evapotranspiration. Evapotranspiration occurs where the aquifer is exposed at the surface—during summer months or drought where the water is held only as soil moisture and does not infiltrate the water table (Koch, 1970; Water Rights, 2023d). There are currently 14 existing water rights/permits

authorized to appropriate water from the Selby aquifer, and no future use permits reserving water from the Selby aquifer (Water Rights, 2023c).

Of the 14 water rights/permits appropriating water from the Selby aquifer, 11 are for irrigation use (Water Rights, 2023c). Irrigation water rights/permits have been typically required to report their annual usage on an irrigation questionnaire since 1979. The average annual withdrawal for the Selby aquifer irrigation water rights/permits that have reported over the period of record 1979 to 2022 is approximately 1,025.7 acre-feet (Water Rights, 2023a). To reflect the current development of irrigation water rights/permits more accurately, the average annual withdrawal rate for irrigation appropriations from 2013 to 2022 (approximately 1,044.5 acre-feet) will be used for the budget (Water Rights, 2023a).

Water Permit No. 8755-3 was recently approved by the Chief Engineer in 2023 for the irrigation of 246 acres (Water Rights, 2023c). Generally, irrigators in eastern South Dakota apply less than one foot of water per acre. Due to a short period of record for Water Permit No. 8755-3 and assuming an application rate of one foot of water per acre, this permit is assumed to pump approximately 246 acre-feet/year. Water Permit Application No. 8791-3 is requesting to irrigate 290 acres, and also assuming an application rate of one acre-feet/year, if approved will be assumed to pump approximately 290 acre-feet/year.

Collectively, the estimated average annual withdrawal rate for irrigation appropriations from the Selby aquifer is approximately 1,580.5 acre-feet/year (average from 2013 to 2022: 1,044.5 acre-feet/year, plus Water Permit No. 8755-3: 246 acre-feet/year, plus this application, if approved: 290 acre-feet/year).

Of the 14 water rights/permits appropriating water from the Selby aquifer, 3 are for non-irrigation use (Water Rights, 2023c). Water Right Nos. 781-3 and 837-3 are held by the City of Selby. The city is connected to a rural water system and likely maintains their wells for standby purposes and have been estimated as zero acre-feet/year. Water Right No. 2249-3 is held by the City of Eureka. The city has transitioned approximately 74% of their appropriative use to another water system (Drinking Water Program, 2023). For the remaining 26% of the authorized 1.34 cfs diversion rate, it is estimated that they will pump 60% of the time. Converting that to acre-feet/year, Water Right No. 2249-3 is estimated to use approximately 151 acre-feet/year from the Selby aquifer.

There are domestic wells completed into the Selby aquifer that do not require a water right/permit, so the total withdrawal amount for domestic use is unknown. Due to relatively low diversion rates and the availability of rural water, withdrawals from domestic wells are not considered to be a significant portion of the hydrologic budget.

Hydrologic Budget Summary:

The average annual recharge rate to the Selby aquifer is estimated to be 28,483 acre-feet/year (Hedges et al., 1982 and 1985). The estimated average annual withdrawal rate from the Selby aquifer is approximately 1,731.5 acre-feet/year if this application is approved (Irrigation: 1,580.5 acre-feet/year, non-irrigation: 151 acre-feet/year). Based on the hydrologic budget, there is a

reasonable probability that unappropriated water is available from the Selby aquifer for the proposed appropriation.

Observation Well Data:

Administrative Rule of South Dakota (ARSD) 74:02:05:07 requires that the Water Management Board shall rely upon 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 of the aquifer.

Observation wells provide data on how the aquifer reacts to regional climatic conditions and local pumping. The DANR Water Rights Program monitors 10 observation wells completed into the Selby aquifer (Water Rights, 2023b). The four closest observation wells to the diversion point for Application No. 8791-3 are CA-57A (approximately 2.3 miles southeast), WL-76D (approximately 4 miles south), WL-76H (approximately 4.5 miles southeast), and WL-76I (approximately 5 miles southeast) (Water Rights, 2023b). Hydrographs of observation wells are constructed by measuring the static water level from the top of the well casing over a period of record. The hydrographs of these nearest observation wells are displayed in Figures 1 to 4 (Water Rights, 2023b).

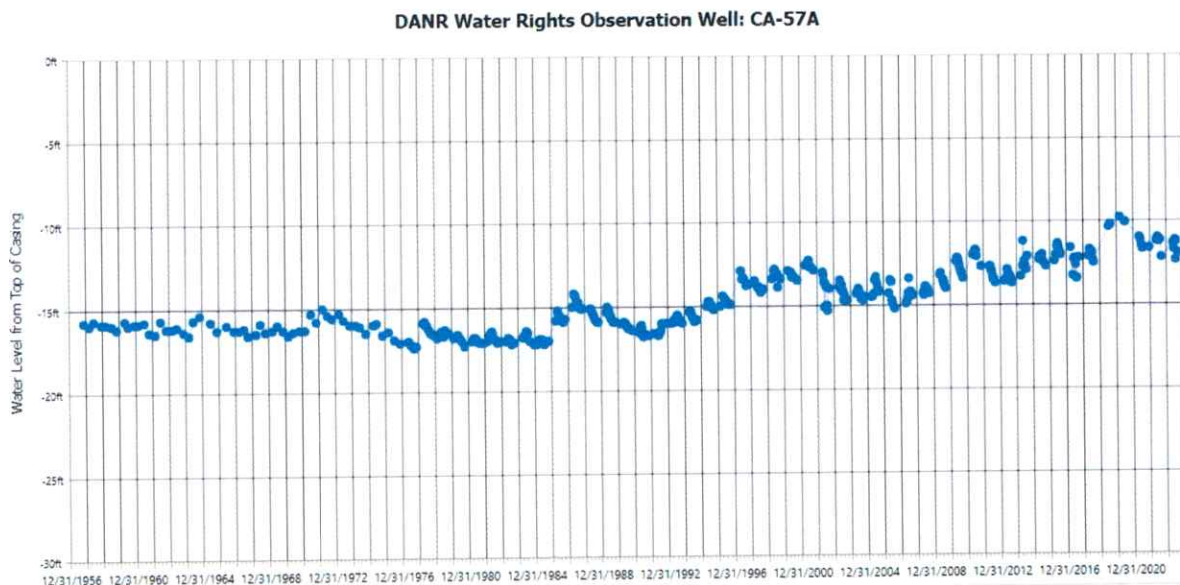


Figure 1. Hydrograph for observation well CA-57A (Water Rights, 2023b).

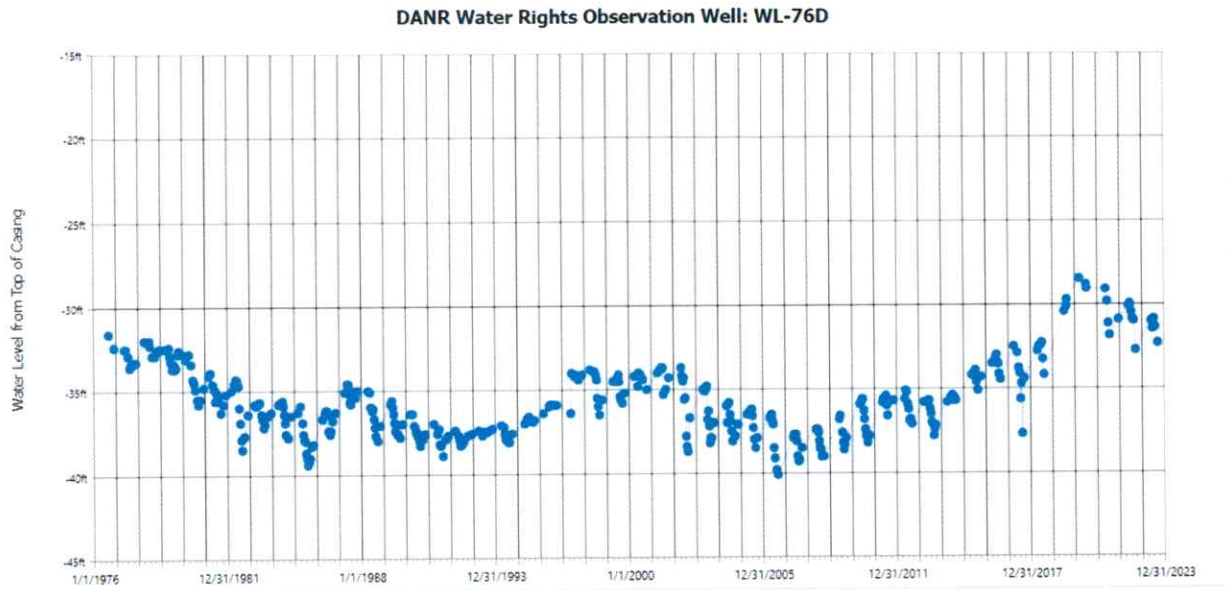


Figure 2. Hydrograph for observation well WL-76D (Water Rights, 2023b).

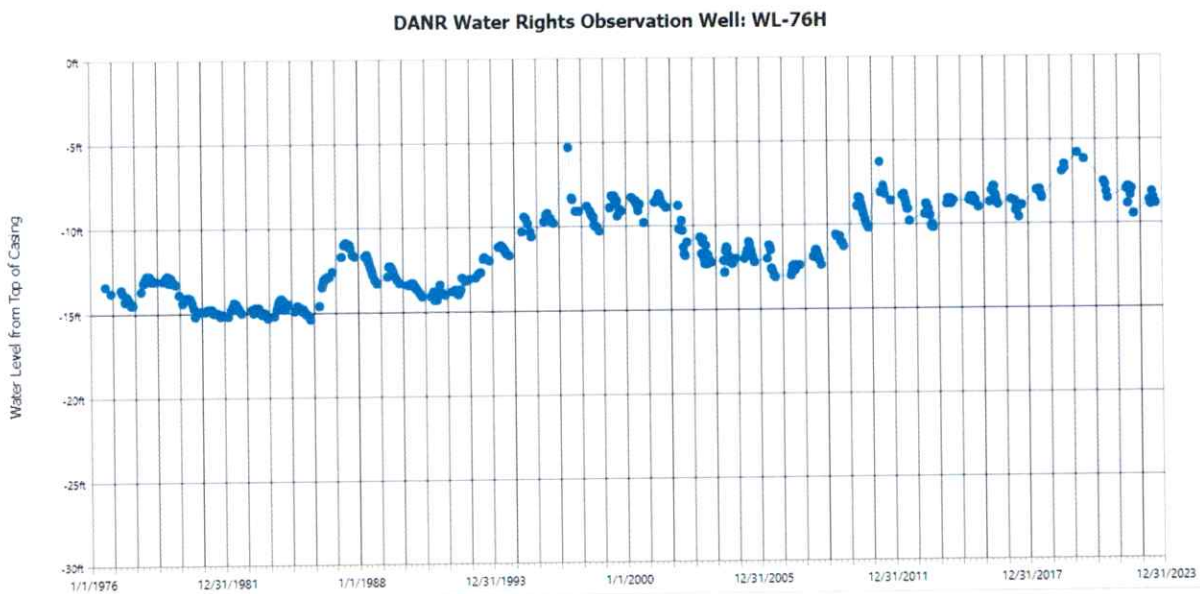


Figure 3. Hydrograph for observation well WL-76H (Water Rights, 2023b).

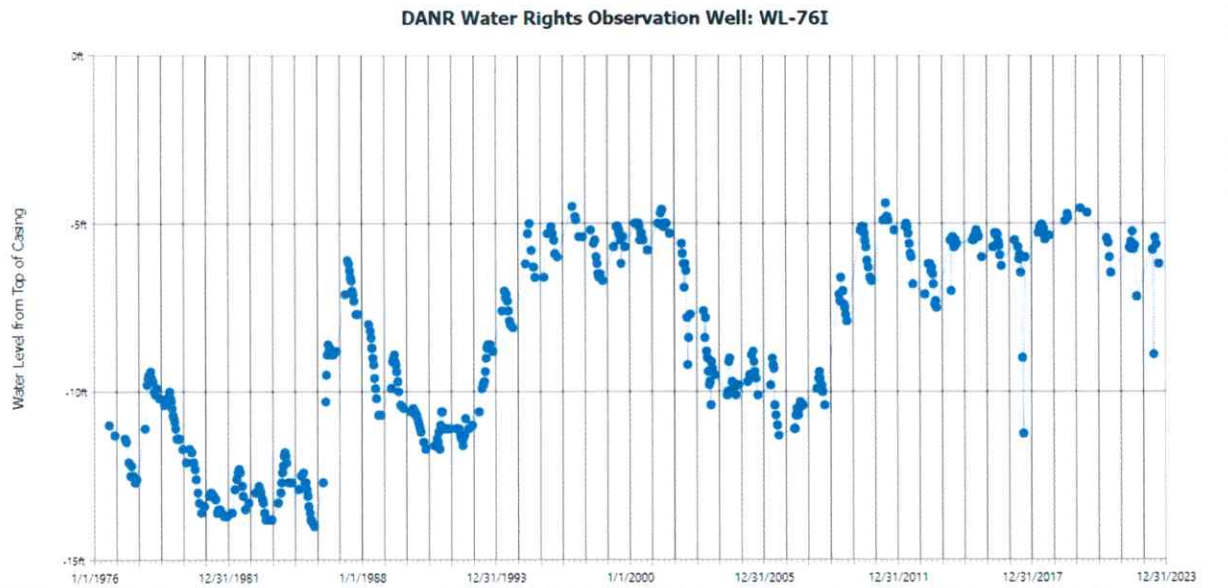


Figure 4. Hydrograph for observation well WL-76I (Water Rights, 2023b).

Figure 5 shows the location of these observation wells relative to the diversion point for this application. The trends shown here are representative of other observation wells completed into the Selby aquifer which are not shown. Observation wells CA-57A and WL-76D are the easternmost wells completed into the Selby aquifer, and they show deeper water levels, and CA-57A in particular has a smoother, less fluctuating trend. Observation wells WL-76H and WL-76I are likely in a shallow portion of the Selby aquifer, with water levels in WL-76I fluctuating more than the other observation wells shown and may be more prone to changes in climatic conditions. Unconfined aquifers tend to fluctuate more as a result of changes in climatic conditions, while buried unconfined or confined aquifers tend to fluctuate less as a result of climate.

Regardless, the hydrographs for observation wells completed into the Selby aquifer indicate that the aquifer responds well to climatic conditions. Water levels are rising during wetter periods and declining, then stabilizing during dry periods, with a slightly increasing trend over their entire respective periods of record. Irrigation seasons are typically between May and September of any given year, and the hydrographs above show water levels returning to pre-pumping conditions between irrigation seasons. Climatic conditions, and therefore the effects of recharge to and natural discharges from the aquifer govern the long-term trends of water levels in the aquifer rather than the impacts of pumping. Since both recharge to and natural discharge from an aquifer can be captured for pumping, the observation well hydrographs show that unappropriated water is available for the proposed appropriation.

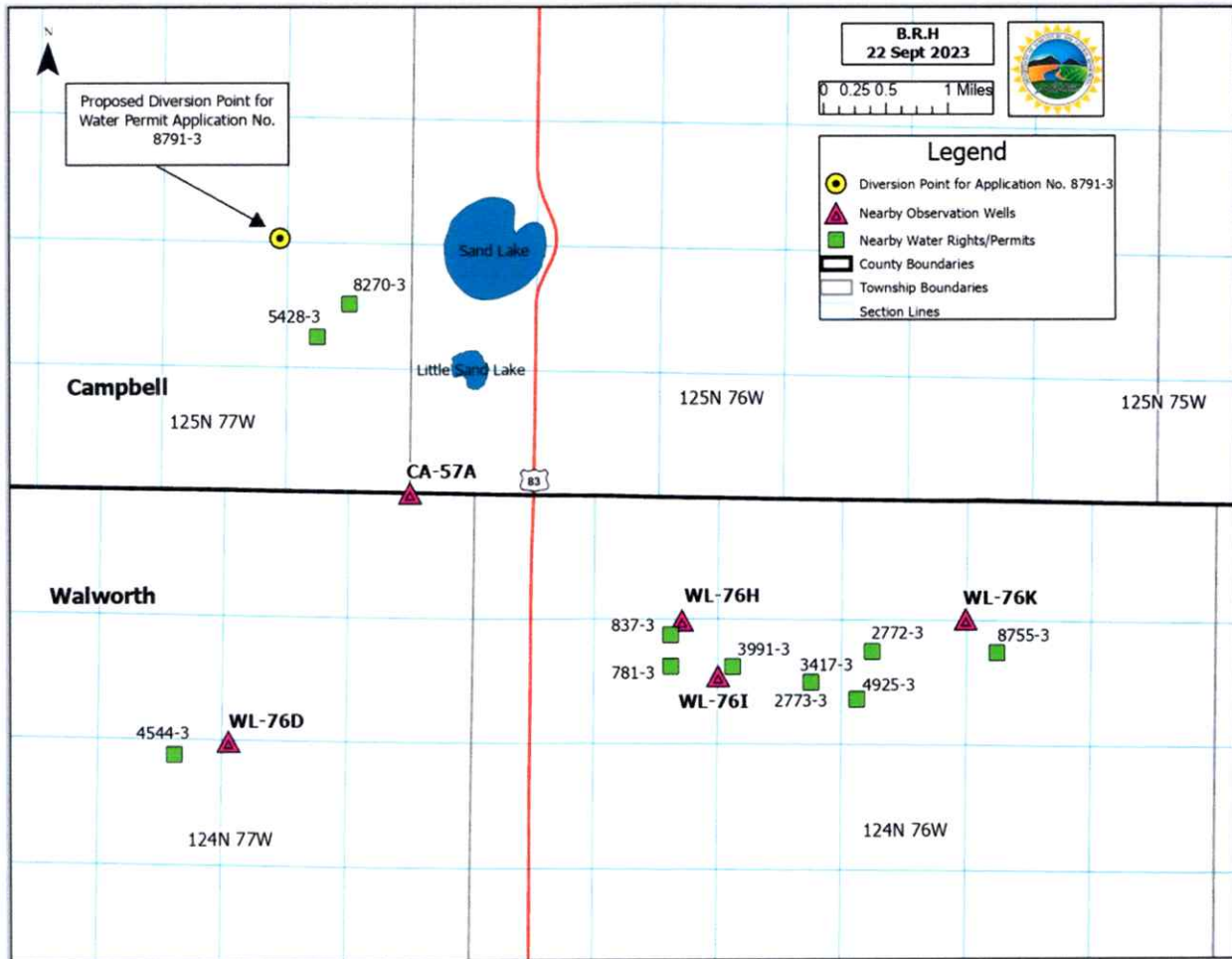


Figure 5. Map showing the location of the proposed diversion point for Application No. 8791-3, nearby observation wells, and nearby existing water rights/permits authorized to appropriate water from the Selby aquifer (Water Rights, 2023b and 2023c).

Potential for Unlawful Impairment:

Nearby Water Rights/Permits

Currently, there are 14 water rights/permits and one pending application authorized to appropriate water from the Selby aquifer (Water Rights, 2023c). The closest water right/permit to the existing well for Application No. 8791-3 is Water Right No. 8270-3, held by Lazy TV Ranch. The diversion point for Water Right No. 8270-3 is located approximately 0.8 miles southeast of the proposed diversion points for this application (Figure 5) (Water Rights, 2023c). Table 1 lists the nearest existing water rights/permits to the diversion point for Application No. 8791-3 which appropriate from the Selby aquifer.

There are domestic wells on file with the DANR-Water Rights Program that are completed into the Selby aquifer, with the closest domestic well on file (not held by the applicant) located approximately 0.6 miles east of the proposed diversion point (Water Rights, 2023d). There could potentially be other domestic wells completed into the Selby aquifer near the proposed diversion point that is not on file with the DANR-Water Rights Program. The location of the domestic wells are based on the location provided by the well driller at the time of well completion.

Table 1. List of existing Selby aquifer water rights/permits near the proposed diversion point as shown on Figure 5 (Water Rights, 2023c).

Permit No.	Name	Priority	Status	Use	CFS	Acres
781-3	City of Selby	06/07/1961	LC	MUN	0.78	N/A
837-3		10/04/1961	LC	MUN	0.78	N/A
2772-3	Lazy TV Ranch	06/18/1976	LC	IRR	1.78	124
4544-3		09/02/1980	LC	IRR	3.56	256
4925-3		08/25/1982	LC	IRR	1.78	130
8270-3		05/16/2003	LC	IRR	2	341
2773-3		06/18/1976	PE	IRR	2.28	160
3417-3	Rory Thorstenson	12/13/1976	LC	IRR	1.33	124
3991-3		01/31/1977	PE	IRR	1.93	160
5428-3	Verne Thorstenson	02/16/1990	LC	IRR	1.86	136
8755-3	C.H. Rau	04/27/2023	PE	IRR	4.45	246
LC: License, PE: Permit, MUN: Municipal, IRR: Irrigation						

Potential of Drawdown

The Selby aquifer is confined at the existing well site, confirmed by the well completion report that was submitted with this application. Drawdown created by pumping a well generally does not extend far from the pumped well in an unconfined aquifer. However, in a confined aquifer, drawdown from pumping could extend a distance from the diversion point. Furthermore, the proposed diversion point is near a mapped approximate boundary for the aquifer. This could potentially compound drawdown in the vicinity of the proposed diversion point. The saturated aquifer thickness at this site is approximately 27 feet according to the existing well's completion report, and nearby well completion reports have saturated thicknesses ranging from 21 to 57 feet. This would generally allow for enough thickness for a pump to be placed 20 feet below the top of the aquifer, which is required for the well to be considered adequate under ARSD 74:02:04:20(6).

The Water Management Board recognizes that putting water to beneficial use requires a certain amount of drawdown to occur. The Board has developed rules to allow water to be placed to maximum beneficial use without the necessity of maintaining artesian head pressure for domestic use. The Water Management Board defined an "adversely impacted domestic well" in 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."

The Water Management Board considered the delivery of water by artesian head pressure versus maximum beneficial use during the issuance of Water Right No. 2313-2 for Coca-Cola Bottling Company of the Black Hills. The Board adopted the Findings of Facts and Conclusions of Law that noted the 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..." (Water Rights, 1995). With that in mind, some existing well owners may need to install or lower pumps depending on the specific characteristics of the Selby aquifer at their location.

There was a complaint in 1985 in Walworth County about a well completed into the Selby aquifer in which the pump had to be lowered ten feet. According to the file, nearby observation well water levels were stable at the time and it was most likely a mechanical problem with the pump (Water Rights, 2023e). Any drawdown as a result of the diversion for this application is not expected to unlawfully impair nearby adequate wells.

Conclusions:

1. Water Permit Application No. 8791-3 proposes to appropriate 3.56 cfs from an existing well completed into the Selby aquifer located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 23 for the irrigation of 290 acres located in the E $\frac{1}{2}$ of Section 23, all in T125N-R77W during the irrigation season of April 1 to November 30. The site is located in Campbell County, approximately 17 miles northeast of Mobridge, South Dakota.
2. Based on a hydrologic budget analysis and observation well data, there is a reasonable probability that unappropriated water is available from the Selby aquifer to supply the proposed appropriation.
3. There is a reasonable probability that the diversion by Water Permit Application No. 8791-3 will not unlawfully impair adequate wells for existing water rights/permits and domestic uses.



Brittan R. Hullinger
Natural Resources Engineer I
SD DANR, Water Rights Program



Adam Mathiowetz, PE
Natural Resources Engineer IV
SD DANR, Water Rights Program

References

- Drinking Water Program. 2023. Drinking Water Reports. SD DANR Drinking Water Program. Joe Foss Building. Pierre, South Dakota.
- Hedges, L.S., Burch, S.L., Iles, D.L., Barari, R.D., and Schoon, R.A. 1982. Evaluation of Groundwater Resources, Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa. Task 1: Bedrock Topography and Distribution. Task 2: Extent of Aquifers. Task 3: Ground-Water Storage. Task 4: Computerized Data Base. Office of Geological Survey. Vermillion, South Dakota.
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- Kume, J. and Howells, L. 1987. Water Resources of Walworth County, South Dakota. U.S. Geological Survey. Water Resources Investigations Report 85-4015. Huron, South Dakota.
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- Water Rights, 2023a. "1979-2022 Irrigation Summaries by Aquifer." SD DANR Water Rights Program. Joe Foss Building. Pierre, South Dakota.
- Water Rights, 2023b. Observation Well Data. SD DANR Water Rights Program. Joe Foss Building. Pierre, South Dakota.
- Water Rights, 2023c. Water Right/Permit Files. SD DANR Water Rights Program. Joe Foss Building. Pierre, South Dakota.
- Water Rights, 2023d. Well Completion Reports. SD DANR Water Rights Program. Joe Foss Building. Pierre, South Dakota.
- Water Rights, 2023e. County Files. SD DANR-Water Rights Program. Joe Foss Bldg. Pierre, SD.



**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.**

October 11, 2023

Dan Goehring
30363 121st Street
Mound SD 57646

Dear Mr. Goehring:

Water Permit Application No. 8791-3 for irrigation use have been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Prairie Pioneer printed in Pollock SD (Ph # 605 889-2320) and the American News printed in Aberdeen SD (see attachment for contact number). The American News requires prepayment. 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,

Rachel Rodriguez

Rachel Rodriguez
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. 8791-3 to Appropriate Water

Notice is given that Dan Goehring, 30363 121st Street, Mound City SD 57646 has filed an application for a water permit to appropriate 3.56 cubic feet of water per second from one well to be completed into the Selby Aquifer (approximately 98 feet deep) located in the SE 1/4 SE 1/4 Section 23 for irrigation of 290 acres located in the E 1/2 Section 23; all in T125N-R77W. This site is located approximately 17 miles northeast of Mobridge SD.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 8791-3 with qualifications because 1) unappropriated water is available, 2) existing domestic water uses and water rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest as it pertains to matters within the regulatory authority of the Water Management Board. The Chief Engineer's recommendation with qualifications, the application, and staff report are available at <https://danr.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 this application or recommendation shall allege that the application, upon approval, will cause injury to the person that is unique from any injury suffered by the public in general. The injury must concern a matter either within the regulatory authority found in SDCL 46-2A-9 for approval or denial of the application, or other matter concerning the application within the regulatory authority of the board to act upon as defined by SDCL 46-2-9 and 46-2-11, or both. Any person meeting the petitioner requirements and wishing to be a party of record in a contested case hearing shall file a written petition to oppose the application with BOTH the applicant and Chief Engineer. A petition opposing the application shall be filed on a form provided by the Chief Engineer. The petition form is available online at <https://danr.sd.gov/public> or by contacting the Chief Engineer. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501" or call (605) 773-3352. The applicant's mailing address is given above. If contesting the Chief Engineer's recommendation, the applicant shall also file a petition. A petition filed by either an interested person or the applicant must be filed by October 30, 2023.

The petition shall include a statement describing the unique injury upon approval of the application on the petitioner, the petitioner's reasons for opposing the application, and the name and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained.

Any interested person may file a comment on the application with the Chief Engineer. The comment shall be filed on a form provided by the Chief Engineer and is available online at <https://danr.sd.gov/public> or by calling (605) 773-3352 or writing the Chief Engineer at the address provided above. Filing a comment does not make the commenter a party of record or a participant in any hearing that may be held. Any comment must be filed by October 30, 2023.

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_

Rodriguez, Rachel

From: Rodriguez, Rachel
Sent: Wednesday, October 11, 2023 9:20 AM
To: pioneer@valleytel.net
Subject: 8791-3 Dan Goehring - Public Notice
Attachments: 8791-3 public.short_final.docx; FORM8.FRM.doc

Attached is a notice to be published on October 19, 2023.

Dan Goehring, 30363 121st Street, Mound City SD 57646, (605-848-9600) 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 Ave, Pierre SD 57501.

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

Thank you,

Rachel Rodriguez
DANR | Program Assistant
Rachel.Rodriguez@state.sd.us



Rodriguez, Rachel

From: Rodriguez, Rachel
Sent: Wednesday, October 11, 2023 9:23 AM
To: aan-legals@aberdeennews.com
Subject: 8791-3 Dan Goehring - Public Notice
Attachments: 8791-3 public.short_final.docx; FORM8.FRM.doc

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

Thank you,

Rachel Rodriguez
DANR | Program Assistant
Rachel.Rodriguez@state.sd.us



RECEIVED

OCT 30 2023

OFFICE OF
WATER

Affidavit of Publication

D. Goehring files application to appropriate water

NOTICE OF APPLICATION NO. 8791-3 to Appropriate Water

Notice is given that Dan Goehring, 30363 121st Street, Mound City SD 57646 has filed an application for a water permit to appropriate 3.56 cubic feet of water per second from one well to be completed into the Selby Aquifer (approximately 98 feet deep) located in the SE 1/4 SE 1/4 Section 23 for irrigation of 290 acres located in the E 1/2 Section 23; all in T125N-R77W. This site is located approximately 17 miles northeast of Mobridge SD.

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petitioner's reasons for opposing the application, and the name 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 \$41.79 and can be viewed for free at www.sdpublicnotices.com

-101923

STATE OF SOUTH DAKOTA,
COUNTY OF CAMPBELL, ss.

I, Lori Cox, being first duly sworn, on oath says, that she is the bookkeeper of the Prairie Pioneer, a weekly newspaper published in Pollock, County of Campbell, and has full and personal knowledge of all the facts herein stated; that said newspaper is a legal newspaper and has a bona fide circulation of at least two hundred copies weekly, and has been published within said county for fifty-two successive weeks next prior to the publication of the notice herein mentioned; that the

D. Goehring files for application to appropriate water

Danny Goehring

a printed copy of which, taken from the paper in which 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 1 successive week, on the day of each week on which said newspaper was regularly published to-wit:

1- Prairie Pioneer: 10/19/2023

That the full amount of the fees for the publication of the annexed notice is \$41.79

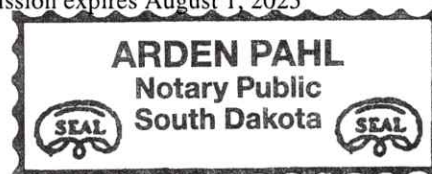
Lori Cox

Subscribed and sworn to before me this 10/19/2023

Arden Pahl

Arden Pahl, Notary Public
State of South Dakota

My commission expires August 1, 2025



LOCALiQ

Aberdeen News
Watertown Public Opinion

PO Box 630567 Cincinnati, OH 45263-0567

PROOF OF PUBLICATION

Dan Goehring
Dan Goehring
30363 121st ST
Mound City SD 57646-6801

STATE OF SOUTH DAKOTA, COUNTY OF BROWN

The AMERICAN NEWS is a daily newspaper of general circulation, printed and published in Aberdeen, Brown County, South Dakota, and has been such a newspaper during the times hereinafter mentioned; and personal knowledge of the facts herein state that the notice hereto annexed was Published in said newspapers in the issue dated:

10/19/2023

That said newspaper is a legal newspaper published five days or more each week; with a bona fide circulation of more than two hundred copies daily; published in the English language within the said county of Brown for more than one year prior to the first publication of said notice; and printed in whole in an office maintained at the place of publication of said newspaper.
Sworn to and subscribed before on 10/19/2023

Legal Clerk

Notary, State of WI, County of Brown

My commission expires

Publication Cost: \$53.14

Order No: 9397206

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Notary Public
State of Wisconsin

**NOTICE OF
APPLICATION NO. 8791-3
to Appropriate Water**

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Published 10/19/23 at the total approximate cost of \$53.14 and may be viewed free of charge at www.sdpublicnotices.com.
9397206

Rodriguez, Rachel

From: Rodriguez, Rachel
Sent: Wednesday, October 11, 2023 9:52 AM
To: dgg@valleytel.net
Subject: 8791-3 Dan Goehring - Public Notice
Attachments: 8791_Rec.pdf; 8791_Ltr.pdf; 8791_PublicNotice.pdf; Aberdeen American News.pdf

Good morning Dan,

Attached is a copy of the report, chief engineer's 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 also being mailed to you today.

Thank you,

Rachel Rodriguez
DANR | Program Assistant
Rachel.Rodriguez@state.sd.us





**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

JAN 02 2024

Dan Goehring
30363 121st Street
Mound City SD 57646

Dear Mr. Goehring:

Enclosed is Water Permit No. 8791-3 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



**DEPARTMENT of AGRICULTURE
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STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

**Affidavit of Public Notice
Posting on DANR Website**

Pursuant to SDCL § 46-2A-4, public notice of the following application was posted on the DANR web site at <https://danr.sd.gov/public>. The posted public notice is the same notice as published in the pertinent newspaper(s) and a copy of the public notice is maintained in the application file. If the application is contested, the posting is moved to the DANR contested case website at <https://danr.sd.gov/public/ContestedCase.aspx> until final action is taken on the application pursuant to SDCL § 46-2A-4.

Application No.: 8791-3

Name of Applicant: Dan Goehring

Date of Posting: 10/16/2023

Date of Removal: 1/2/2024

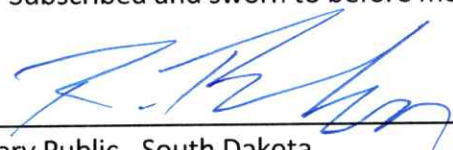


Ron Duvall, Engineer III

1/2/2024

Date

Subscribed and sworn to before me, a notary public, this 2nd day of January, 2024.



Notary Public - South Dakota

My commission expires: Rachel Rodriguez
My Commission Expires
May 16, 2029

(SEAL)

