

WATER PERMIT NO. 9009-3

Name of Applicant: **Craig Arthur**

Address: **16116 456th Avenue, Watertown SD 57201**

Phone: **605-880-0289**

Amount of Water Claimed: **1.89 cfs**

Total Acres: **255**

Source of Water Supply: **Groundwater**

Water to be used for: **Irrigation**

County: **Codington**

Type of Waste Disposal System:

Location: **Approx. 8 miles north of Watertown**

PRIORITY

Date Received: **12-22-25**

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

Corrected Application Received: **01-05-26**

Period of Annual Use: **May 1 – September 30**

Remarks:

Diversion Point: **Approx. center of the SW 1/4 Sec 9-T118N-R52W**

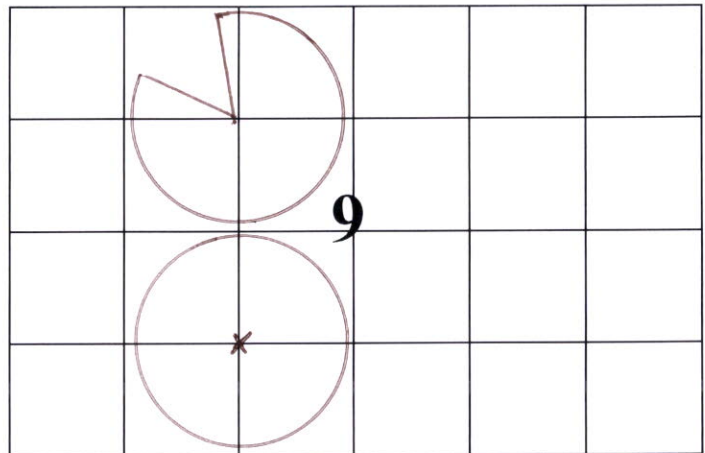
Land to be Irrigated: **SW 1/4, NW 1/4 Sec 9-T118N0R52W**

Depth of Well: **280**

Well Driller: **Thein Well**

Remarks:

Type of Map: **aerial**



Reviewed and the Number Assigned on: **01-05-26**

By: **Rachel Rodriguez**

Notice of Hearing - date to intervene: _____

SOUTH DAKOTA
WATER PERMIT NO. 9009-3

Date of first receipt of application December 22, 2025.

The Acting Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 9009-3 to Craig Arthur, 16116 456th Avenue, Watertown SD 57201, 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. 9009-3 appropriates 1.89 cubic feet of water per second from one well to be completed into the Prairie Coteau Aquifer (approximately 280 feet deep) located in the approximate center of the SW 1/4 Section 9 for irrigation of 255 acres located in the W 1/2 Section 9; all in T118N-R52W (located outside the former boundaries of the Lake Traverse Reservation). This site is located approximately eight miles north of Watertown 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: May 1 – September 30.
3. The date from which applicant may claim right is December 22, 2025.
4. The date of approval of Permit No. 9009-3 is March 30, 2026.
5. One-fifth of the construction is to be completed on or before September 30, 2028.
6. All construction is to be completed on or before March 30, 2031.
7. Water is to be put to beneficial use on or before March 30, 2035.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

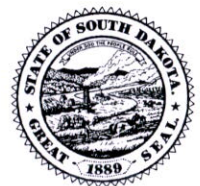
QUALIFICATIONS

1. The well approved under Water Permit No. 9009-3 is located near domestic wells and other wells which may obtain water from the same aquifer. The well owner, under this Permit must control withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The proposed well authorized by Permit No. 9009-3 must be constructed by a licensed well driller and construction of the well and installation of the pump must 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: Adam Mathiowetz
Adam Mathiowetz, PE
Acting Chief Engineer
Water Rights Program
Department of Agriculture and Natural Resources

May 05, 2026
date



RECEIVED
DEC 22 2025
Water Rights
Program

FORM 2: Application for irrigation in South Dakota
(type or print)

Mail to: SD DANR, Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>9009-3</u> Hydrologic Unit <u>10170261</u> Basin <u>Big Sioux - Upper</u> Newspaper <u>Watertown Current</u> <u>Watertown Public Opinion</u> (office use only)
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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 Craig Arthur
Note: The "Name to Appear on Irrigation Permit" must be the name in which the property to be irrigated is held in.
Mailing Address 16116 456th Ave Watertown SD 57201
(Address) (City) (State) (Zip Code)
Phone 605-880-0289 Mobile _____ Email cjARTHUR30@hotmail.com
2. Amount of water claimed 1.89 *CFS or 850 **GPM ***AF Total Acreage 255
(*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
4. Location of point of diversion 1 well center of SW 1/4 T118N R52W
(example - 3 wells in SW 1/4 NE 1/4 section 12-T104N-R53W)
Section 9 County Codington
5. County or counties where water will be used Codington
6. Annual period during which water is to be used May - Sept 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
SW 40 SW 1/4 T118N R52W S9	33.86	NW 40 NW 1/4 T118N R52W S9	13.46
NW 40 SW 1/4 " " "	33.87	NE 40 NW 1/4 " " "	33.86
NE 40 SW 1/4 " " "	33.86	SE 40 NW 1/4 " " "	33.86
SE 40 SW 1/4 " " "	33.86	SW 40 NW 1/4 " " "	33.86

8. Give a description of the project. (Attach sheet if more space is needed)
2 pivots on W 1/2 section of T118N R52W sect 9
Well will provide water to both pivots and be located at
center of south pivot. Water will be split between both systems with only
one running at a time
I, Craig Arthur Owner, the applicant, certify under
Name of Person Title (if applicable)

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

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

For either existing or proposed wells:

- c) Well Depth (required) 280' Depth to Top of Water Bearing Material 240' Depth to Water from Surface _____
- d) Distance to nearest domestic well on applicant's property NA Property owned by others 5 mi

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

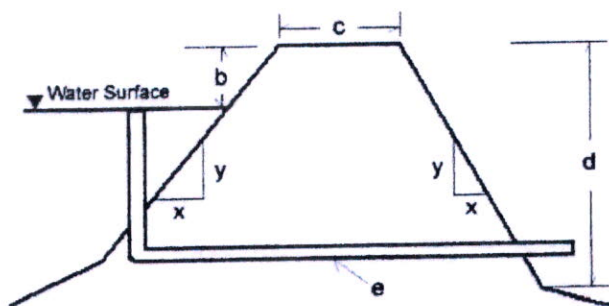
3. Dugout Information

- 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

Craig Arther - Sec 9 Watertown

Legend

RECEIVED

MAY 24 2025

OFFICE OF
WATER

456th Ave

457th Ave

Craig Arther TH # 1 286' March 2025
N 45 2.3330 W 97 4.8430

Mud Creek

162nd St

162nd St

162nd St

456th Ave

457th Ave

Google Earth

Image © 2025 Airbus

N

2000 ft

Design Detail & Summary



Prepared For:
arthur farms
Craig Arthur



System Name: SW Quarter

Span #	Diameter	Length	Cumulative Length
1	6 - 5/8" (168 mm)	180.17 ft	180.17 ft
2	6 - 5/8" (168 mm)	178.92 ft	359.08 ft
3	6 - 5/8" (168 mm)	178.92 ft	538.00 ft
4	6 - 5/8" (168 mm)	178.92 ft	716.92 ft
5	6 - 5/8" (168 mm)	178.92 ft	895.83 ft
6	6 - 5/8" (168 mm)	178.92 ft	1074.75 ft
7	6 - 5/8" (168 mm)	178.92 ft	1253.67 ft
Overhang:	5 - 9/16" (141 mm)	47.00 ft	1300.67 ft
End Gun:	-	3.00 ft	1303.67 ft



Total System Length: 1303.67 ft
 Number of Spans: 7
 Available Outlet Count: 181
 Degree of Sweep: 360 degrees
 Endgun Throw: 100.00 ft
 System Wetted Area: 122.57 acres
 Corner Wetted Area: NA
 End Gun Wetted Area: 12.88 acres
Total Wetted Area: 135.45 acres

Center, Start, Stop Positions							
Center Position		Start Position		Stop Position		Angle Degree From North	
Lat	Long	Lat	Long	Lat	Long	Start	Stop
45.038943°	-97.080759°	NA	NA	NA	NA	0.0°	360.0°

Endgun Coverage Area									
Primary Endgun	Angle Degree From North		Angle Degree From Start		Start Position		Stop Position		Total Coverage Area
	Start	Stop	Start	Stop	Lat	Long	Lat	Long	
Area 1	13.8°	69.5°	13.8°	69.5°	45.042415°	-97.079552°	45.040196°	-97.076035°	3.02
Area 2	110.3°	160.5°	110.3°	160.5°	45.037700°	-97.076029°	45.035572°	-97.079077°	2.72
Area 3	199.7°	249.6°	199.7°	249.6°	45.035577°	-97.082462°	45.037697°	-97.085486°	2.70
Area 4	289.2°	345.6°	289.2°	345.6°	45.040121°	-97.085521°	45.042406°	-97.082013°	3.06

MIDWEST IRRIGATION & ELECTRIC INC.

552 Main St PO Box 36; Big Stone City, 57216-2179
 Office: 1 (605) 862-8149; Mobile: 1 (605) 595-3440
 Michael Pribbenow - mie.bigstone@gmail.com
 Miebigstone.com

02/24/2025

Design Detail & Summary



Prepared For:
arthur farms
Craig Arthur



Second Endgun	Angle Degree From North		Angle Degree From Start		Start Position		Stop Position		Total Coverage Area
	Start	Stop	Start	Stop	Lat	Long	Lat	Long	
Area 1	9.3°	13.8°	9.3°	13.8°	45.042472°	-97.079947°	45.042415°	-97.079552°	0.12
Area 2	69.5°	76.5°	69.5°	76.5°	45.040196°	-97.076035°	45.039778°	-97.075854°	0.19
Area 3	103.2°	110.3°	103.2°	110.3°	45.038128°	-97.075848°	45.037700°	-97.076029°	0.19
Area 4	160.5°	167.7°	160.5°	167.7°	45.035572°	-97.079077°	45.035449°	-97.079685°	0.19
Area 5	192.6°	199.7°	192.6°	199.7°	45.035453°	-97.081857°	45.035577°	-97.082462°	0.19
Area 6	249.6°	256.7°	249.6°	256.7°	45.037697°	-97.085486°	45.038118°	-97.085666°	0.19
Area 7	282.2°	289.2°	282.2°	289.2°	45.039696°	-97.085689°	45.040121°	-97.085521°	0.19
Area 8	345.6°	350.2°	345.6°	350.2°	45.042406°	-97.082013°	45.042466°	-97.081619°	0.12

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2 of 6

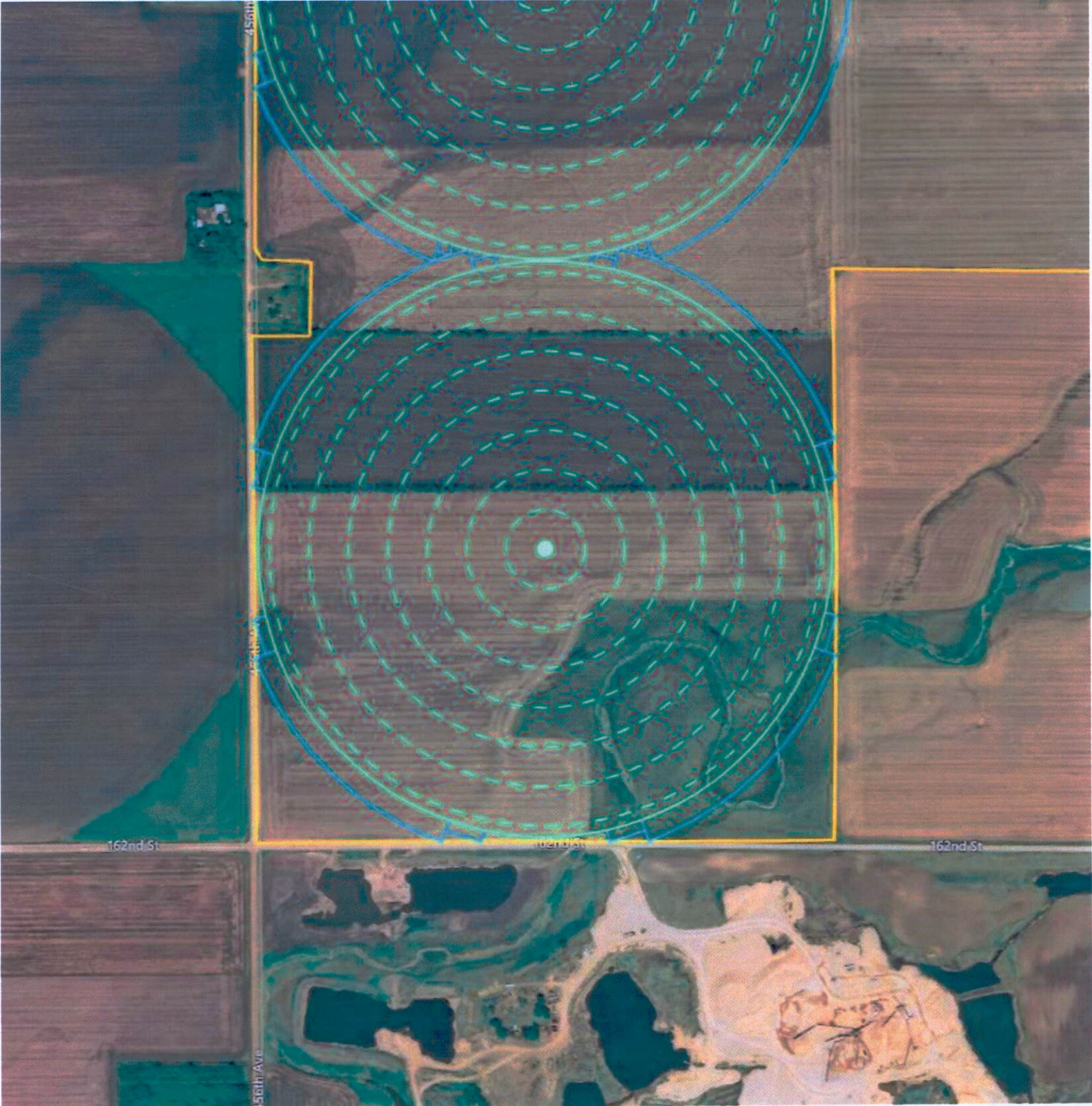


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02/24/2025

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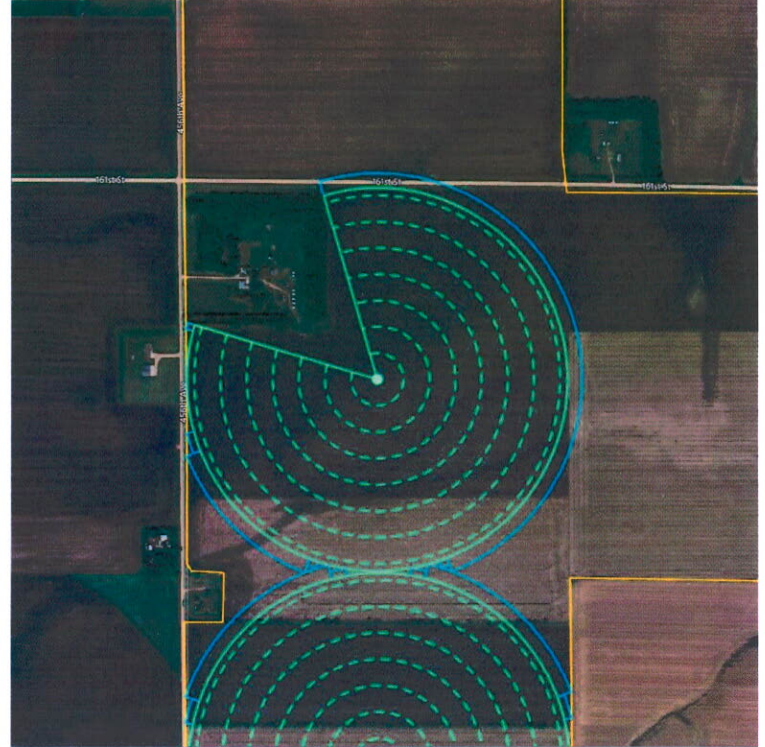
Prepared For:
arthur farms
Craig Arthur



System Name: middle quarter

Span #	Diameter	Length	Cumulative Length
1	6 - 5/8" (168 mm)	180.17 ft	180.17 ft
2	6 - 5/8" (168 mm)	178.92 ft	359.08 ft
3	6 - 5/8" (168 mm)	178.92 ft	538.00 ft
4	6 - 5/8" (168 mm)	178.92 ft	716.92 ft
5	6 - 5/8" (168 mm)	178.92 ft	895.83 ft
6	6 - 5/8" (168 mm)	178.92 ft	1074.75 ft
7	6 - 5/8" (168 mm)	178.92 ft	1253.67 ft
Overhang:	5 - 9/16" (141 mm)	47.00 ft	1300.67 ft
End Gun:	-	3.00 ft	1303.67 ft

Total System Length: 1303.67 ft
 Number of Spans: 7
 Available Outlet Count: 181
 Degree of Sweep: 303 degrees
 Endgun Throw: 100.00 ft
 System Wetted Area: 103.14 acres
 Corner Wetted Area: NA
 End Gun Wetted Area: 12.40 acres
Total Wetted Area: 115.54 acres



Center, Start, Stop Positions

Center Position		Start Position		Stop Position		Angle Degree From North	
Lat	Long	Lat	Long	Lat	Long	Start	Stop
45.046127°	-97.080809°	45.049559°	-97.082225°	45.047150°	-97.085642°	343.7°	286.6°

Endgun Coverage Area

Primary Endgun	Angle Degree From North		Angle Degree From Start		Start Position		Stop Position		Total Coverage Area
	Start	Stop	Start	Stop	Lat	Long	Lat	Long	
Area 1	343.7°	158.6°	0.0°	174.9°	45.049559°	-97.082225°	45.042797°	-97.078970°	9.49
Area 2	200.8°	248.2°	217.1°	264.5°	45.042785°	-97.082601°	45.044797°	-97.085491°	2.57

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 Miebigstone.com

02/24/2025

4 of 6

Confidential

Design Detail & Summary



Prepared For:
arthur farms
Craig Arthur



Second Endgun	Angle Degree From North		Angle Degree From Start		Start Position		Stop Position		Total Coverage Area
	Start	Stop	Start	Stop	Lat	Long	Lat	Long	
Area 1	158.6°	161.2°	174.9°	177.5°	45.042797°	-97.078970°	45.042743°	-97.079179°	0.07
Area 2	198.3°	200.8°	214.6°	217.1°	45.042732°	-97.082391°	45.042785°	-97.082601°	0.07
Area 3	248.2°	254.2°	264.5°	270.5°	45.044797°	-97.085491°	45.045155°	-97.085663°	0.16
Area 4	284.7°	286.6°	301.0°	302.9°	45.047035°	-97.085688°	45.047150°	-97.085642°	0.05

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MAR 24 2025

OFFICE OF
WATER

3/6/25

Craig Arthur
South Shore, SD
45°2.3330 N 97°4.8430 W

6.25" Bore x 286'

Test Hole Log - TWP 118 - R 52W- SEC 9 - SW 1/4

DEPTH (FT)	FORMATION
0-3	TOPSOIL
3-4	YELLOW CLAY
4-39	GRAVEL
39-49	BLUE/GRAY CLAY
49-51	ROCK
51-64	BLUE/GRAY CLAY
64-65	ROCK
65-109	BLUE/GRAY CLAY
109-119	BLUE SANDY CLAY
119-125	GREEN CLAY
125-159	BLUE/GRAY CLAY
159-184	SAND
184-200	BLUE CLAY
200-211	BLUE/GRAY CLAY
211-218	FINE SAND
218-228	MEDIUM SAND
228-240	BLUE/GRAY CLAY
240-276	MEDIUM SAND WITH GRAVEL
276-286	GRAY CLAY

RECEIPT

WATER RIGHTS PROGRAM South Dakota Department of Agriculture and Natural Resources

Date December 22, 2025

RECEIVED OF Craig Arthur 16116 456th Avenue Watertown SD 57201

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	<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>\$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  Chief Engineer



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

**RECOMMENDATION OF ACTING CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 9009-3, Craig Arthur**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Acting Chief Engineer, Water Rights Program, Department of Agriculture and Natural Resources concerning Water Permit Application No. 9009-3, Craig Arthur, 16116 456th Avenue, Watertown SD 57201.

The Acting Chief Engineer is recommending APPROVAL of Application No. 9009-3 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. 9009-3 is located near domestic wells and other wells which may obtain water from the same aquifer. The well owner, under this Permit must control withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The proposed well authorized by Permit No. 9009-3 must be constructed by a licensed well driller and construction of the well and installation of the pump must 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.

Adam Mathiowetz, PE
Acting Chief Engineer
March 9, 2026

Report to the Chief Engineer

On Water Permit Application No. 9009-3

Craig Arthur

March 6, 2026

Water Permit Application No. 9009-3 proposes to divert water at a maximum pump rate of 1.89 cubic feet of water per second (cfs) from one well to be completed into the Prairie Coteau aquifer (280 feet deep) located in the in the approximate center of the SW ¼ Section 9 for the irrigation of 255 acres located in the W ½ Section 9; all in T118N-R52W (located outside the former boundaries of the Lake Traverse Reservation). This site is located in Codington County, approximately eight miles north of Watertown, SD.

AQUIFER: Prairie Coteau (PCO)

HYDROGEOLOGY:

The DANR-Water Rights Program recognizes buried Quaternary aged glacial outwash deposits that are not in contact with bedrock or surficial materials between the approximate altitudes of 1,550 to 1,800 feet on the Prairie des Coteau, as the Prairie Coteau aquifer (Thompson, 2001; Water Rights, 2026a, 2026b, and 2026c). Hanson (1994) delineated an approximate Prairie Coteau aquifer boundary in Grant and Codington Counties, and Thompson (2001) studied the aquifer in Roberts County and within the former boundaries of the Lake Traverse Reservation. Thompson (2001) concluded that the Prairie Coteau aquifer is not a continuous aquifer but instead consists of many disconnected glacial outwash deposits of sand and gravel, of which the depth and thickness can vary widely between. (SDGS, 2026; Thompson, 2001; Water Rights, 2026c). These disconnected outwash deposits have been collectively grouped under a single aquifer name (Prairie Coteau) due to their similarities (Thompson, 2001; Water Rights, 2026b, 2026c, and 2026d).

In Codington and Grant Counties, the Prairie Coteau aquifer consists of brown to gray, coarse to very coarse, well-rounded sand and fine gravel (Hansen, 1990 and 1994; Thompson, 2001). In these counties, the discontinuous outwash deposits of the Prairie Coteau aquifer collectively underlie approximately 760 miles or 486,400 acres and contains an estimated 1.5 million acre-feet of recoverable water in storage in total (Hansen, 1990 and 1994). The Prairie Coteau aquifer has a documented maximum saturated aquifer thickness of 62 feet, with an average saturated aquifer thickness of 21 feet (Hansen, 1990 and 1994). The Prairie Coteau aquifer is generally under confined conditions (Hansen, 1990 and 1994; Water Rights, 2026d). The aquifer may be hydraulically connected to the Big Sioux aquifer, the Coteau Lakes aquifer (in Roberts County), and possibly to Long Lake. (Water Rights, 2026b, 2026c, and 2026d).

A completion report for a test hole was submitted with Water Permit Application No. 9009-3 (Water Rights, 2026d). The lithologic information on the test hole completion report is listed on Table 1. The lithologic information listed a medium sand with gravel from 240 to 276 feet below the ground surface, resulting in an estimated aquifer material thickness of approximately 36 feet

at the proposed diversion point (Water Rights, 2026d). Since the submitted report was for a test hole, no static water level was determined at the time of drilling. Based on the test hole completion report, the well completion reports on file near the proposed diversion point, and the lithologic logs on file for nearby observation wells, the Prairie Coteau aquifer is expected to be confined at the proposed diversion point (SDGS, 2026; Water Rights, 2026b, 2026c and 2026d).

Table 1. Test hole completion report submitted with Water Permit Application No. 9009-3

Formation	From (ft)	To (ft)			
			Green Clay	119	125
Topsoil	0	3	Blue/Gray Clay	125	159
Yellow Clay	3	4	Sand	159	184
Gravel	4	39	Blue Clay	184	200
Blue/Gray Clay	39	49	Blue/Gray Clay	200	211
Rock	49	51	Fine Sand	211	218
Blue/Gray Clay	51	64	Medium Sand	218	228
Rock	64	65	Blue/Gray Clay	228	240
Blue/Gray Clay	65	109	Medium Sand with Gravel	240	276
Blue Sandy Clay	109	119	Gray Clay	276	286

The proposed diversion point is to be completed into an outwash deposit of the Prairie Coteau aquifer delineated by Stonesifer (2013) that has been utilized by the DANR-Water Rights Program in the past for water availability analyses (Water Rights, 2026c). Stonesifer (2013) estimated this outwash deposit of the Prairie Coteau aquifer underlies approximately 184,500 acres in Roberts, Grant, Deuel, and Hamlin Counties, with this outwash deposit ranging from approximately 1,550 to 1,750 feet above mean sea level (NAD83) and varying from approximately 10 to 40 feet thick (SDGS, 2026; USGS, EROS, 1999; Water Rights, 2026b, 2026c, and 2026d). The potentiometric surface elevation in this outwash deposit generally ranges from flowing to 100 feet below the ground surface, with the potentiometric surface elevation higher in the northern portion of this outwash deposit and lower in the southern portion, with the direction of groundwater flow generally from the northeast to the southwest (Hanson, 1990; Water Rights, 2026b).

Steen (2022) investigated the delineation approximated by Stonesifer (2013) for this outwash deposit of the Prairie Coteau utilizing test hole and water well completion reports on file (Water Rights, 2026d), observation well logs (Water Rights, 2026b), historical lithologic logs from the South Dakota Geological Survey (SDGS) (SDGS, 2026), and elevation data (USGS, EROS, 1999). This information was used to modify the delineation approximated by Stonesifer (2013). The modified outwash deposit delineation has an estimated areal extent of approximately 167,500 acres (Steen, 2022). The areal extent of this outwash deposit of the Prairie Coteau aquifer is expected to range between Stonesifer (2013) and the modified outwash deposit approximations (Steen, 2022).

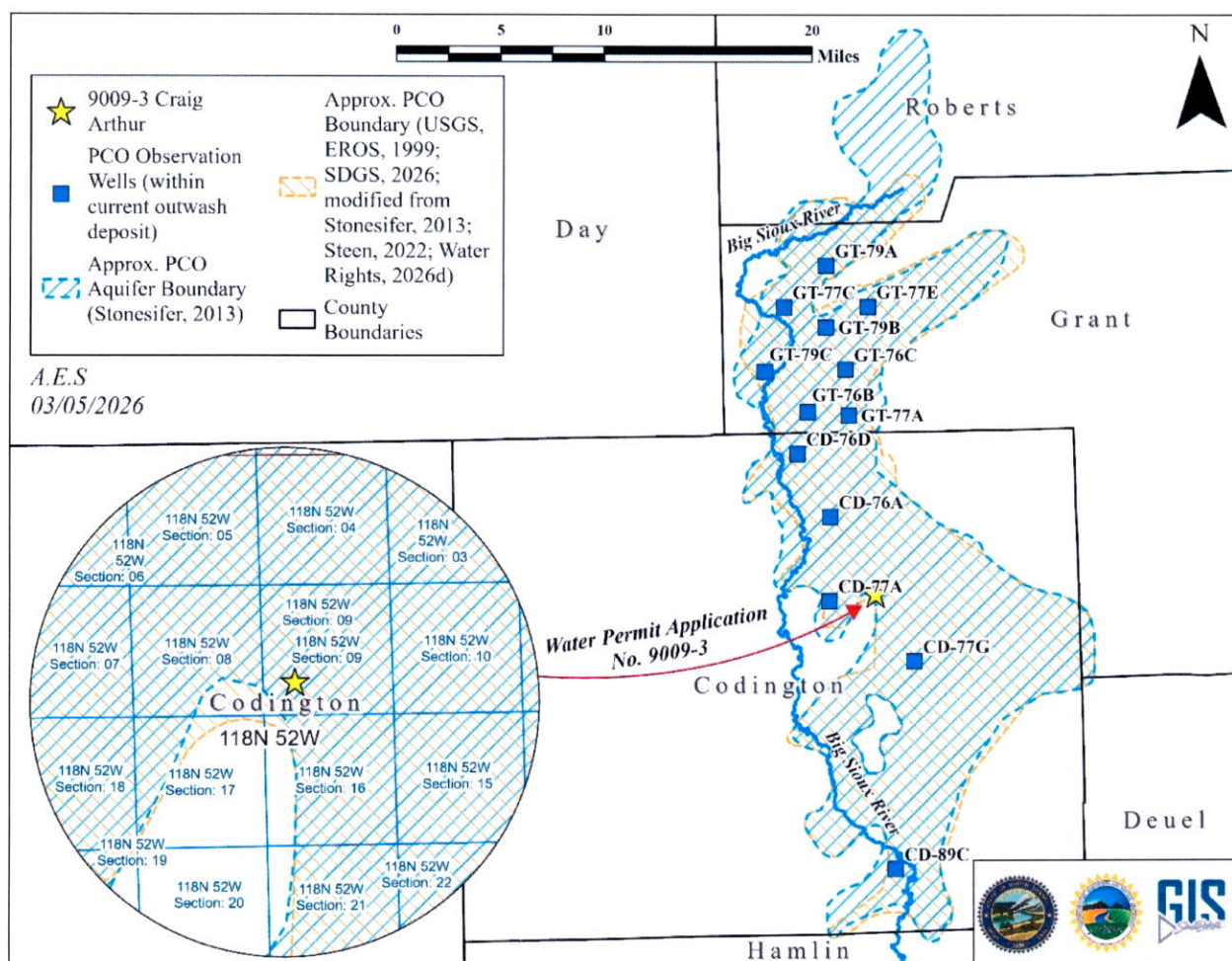


Figure 1. Location of the proposed diversion point to be used by Water Permit Application No. 9009-3, Prairie Coteau aquifer observation wells within this outwash deposit, and the approximate areal extent of this outwash deposit of the Prairie Coteau aquifer delineated by Stonesifer (2013), and the modified areal extent of this outwash deposit of the Prairie Coteau aquifer (USGS, EROS, 1999; SDGS, 2026; modified from Stonesifer, 2013; Steen, 2022; Water Rights, 2026d)

South Dakota Codified Law (SDCL)

Water Permit Application No. 9009-3 proposes to appropriate water from the Prairie Coteau aquifer. The probability of unappropriated water being available from the aquifer can be evaluated by considering *SDCL 46-6-3.1*, *SDCL 46-2A-9*.

Pursuant to SDCL 46-6-3.1,

“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.”

The Prairie Coteau aquifer is not older than or stratigraphically lower than the Greenhorn Formation (Fahrenbach et al., 2010), and the applicant’s proposed use is not for use in a water distribution system as defined by SDCL 46-1-6(17). Therefore, the average annual recharge and average annual withdrawal rates to and from the Prairie Coteau aquifer must be considered.

Pursuant to SDCL 46-2A-9,

“A permit to appropriate water may be issued only if there is a reasonable probability that there is unappropriated water available for the applicant’s proposed use, that the diversion point can be developed without unlawful impairment of existing domestic water uses and water rights, and that the proposed use is a beneficial use and 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 water uses and water rights within the Prairie Coteau aquifer.

HYDROLOGIC BUDGET:

Recharge

Recharge to the Prairie Coteau aquifer is primarily through direct infiltration of precipitation and subsequent percolation of rainfall and snowmelt where the aquifer is at or near the ground surface. Additional recharge may occur by leakage through the overlying till and the Northern management unit of the Big Sioux aquifer, or other overlying smaller glacial aquifers (Hedges et al., 1982; Hansen, 1990 and 1994). For confined aquifers in eastern South Dakota, Hedges and others (1985) recommended recharge rates of 0.15 to 0.60 inches per year for use by management and development programs. Since the Prairie Coteau aquifer is primarily a confined aquifer, the recommended recharge range for confined aquifers will be used to assess the hydrologic budget of the Prairie Coteau aquifer. This outwash deposit delineated by Stonesifer (2013) estimated the areal extent of the aquifer to be approximately 184,500 acres. The modified outwash deposit delineation has an estimated areal extent of approximately 167,500 acres. Therefore, the estimated average annual recharge rate to this outwash deposit ranges between approximately 2,094 to 9,225 acre-feet per year, using the smaller estimated areal extent for the minimum value and the larger estimated areal extent for the maximum value. In general, it is prudent to assume the mid-range of the average annual recharge rate to an outwash deposit (5,660 acre-feet per year) when estimating recharge from a non-aquifer specific recharge rate

range. Furthermore, there is not sufficient evidence available at this time to support using the lower or higher end of the recharge rate range.

Discharge

Discharge from the Prairie Coteau aquifer is primarily through well withdrawals, and possibly through leakage to hydrologically connected aquifers (such as the overlying Big Sioux: North aquifer near the proposed diversion point) (Hansen, 1990 and 1994; Water Rights, 2026b, 2026c, and 2026d). Currently, there are 40 water rights/permits authorized to appropriate water from this outwash deposit of the Prairie Coteau aquifer (shown in Figure 4) (Water Rights, 2026c).

Table 2 summarizes the five non-irrigation water rights/permits authorized to appropriate water from the Prairie Coteau aquifer with the estimated annual use for each water right/permit as determined by their permitted maximum diversion rate, annual volume, or average reported pumping data. Historically, average water use by non-irrigation appropriations limited by an instantaneous diversion rate have been assumed to be pumping 60% of full time at the respective permitted diversion rate. Water rights/permits limited by an annual volume are assumed to withdraw their entire respective annual volume limitation. Only water rights/permits with at least five years of recorded pumping data are included in the total estimated non-irrigation use when data is available. This is a standard method used by the DANR-Water Rights Program for estimating annual withdrawals by non-irrigation appropriations from an aquifer and is likely an overestimation of average annual withdrawals (Water Rights, 2026c).

Overall, the estimated average annual withdrawal rate from the Prairie Coteau aquifer by the non-irrigation water rights/permits is approximately 372 acre-feet per year (Table 2) (Water Rights, 2026c).

Table 2. Estimated annual use for the non-irrigation water rights/permits authorized to divert water from the Prairie Coteau aquifer (Water Rights, 2026c)

Permit No.	Name	Status	Use	Authorized Diversion Rate (cfs)	Authorized Annual Volume (acre-feet)	Average Reported Use (acre-feet)	Estimated Use (acre-feet/year)
6533-3	Bitter Sweet Lodge	LC	COM	0.033	0	*	14.3
8194-3	Lakeside Dairy	LC	COM, LCO	0.446	275	43	43
8438-3	Blooming Valley Dairy	LC	COM, LCO	0.556	313.24	**	313.24
8478-3	Xcel Energy	PE	COM	0.022	0.22	*	0.22
8505-3	Dakota Range III O&M	PE	COM	0.044	1	**	1
LC: License; PE: Permit; COM: Commercial; LCO: Livestock Confinement Operation; *Not required to report usage; **Less than five years of reported usage					TOTAL:	118	372

Currently, there are 35 irrigation water rights/permits authorized to appropriate water from the Prairie Coteau aquifer (Water Rights, 2026c). Irrigation water rights/permits have been typically required to report their annual usage on an irrigation questionnaire since 1979. The estimated average annual withdrawal rate for the Prairie Coteau aquifer irrigation water rights/permits that have reported over the period of record (1979 to 2024) is approximately 1,384 acre-feet per year (Table 2) (Water Rights, 2026a). To reflect the current development of irrigation water rights/permits more accurately, the average annual withdrawal rate for irrigation appropriations from 2015 to 2024 is approximately 2,198 acre-feet per year (Table 2) (Water Rights, 2026a).

There are domestic wells completed into the Prairie Coteau aquifer that do not require a water right/permit, so the withdrawal amount from those wells is unknown (Water Rights, 2026d). Due to their relatively low diversion rates, withdrawals from domestic wells are generally not considered to be a significant portion of the hydrologic budget. Additionally, with the development of rural water systems in areas where the Prairie Coteau aquifer is the uppermost aquifer available; it is likely some domestic users may have transitioned to rural water. Therefore, the quantity of water withdrawn by domestic wells is estimated to be negligible to the hydrologic budget for the Prairie Coteau aquifer.

Table 3. Reported historic irrigation use from the Prairie Coteau aquifer (Water Rights, 2026a)

Year	No. of Permits	Reported (acre-feet)
1979	7	317.2
1980	7	1009.6
1981	9	1355.6
1982	10	484
1983	12	1182.7
1984	11	1533
1985	12	641
1986	12	305
1987	12	1162
1988	15	3379.4
1989	17	1761
1990	18	2280
1991	15	507.6
1992	14	557
1993	15	199
1994	16	341.8
1995	16	314.3
1996	16	963.1
1997	17	1041
1998	17	746.6
1999	17	1000.5
2000	17	1324.5
2001	16	1196.7
2002	16	1340.9
2003	16	1875.2
2004	16	1280.8
2005	16	1076.5
2006	16	1617.5
2007	17	1170.1
2008	20	1003.3
2009	22	888
2010	22	886
2011	22	961.4
2012	25	2458.6
2013	29	1809.7
2014	31	1716.3
2015	33	2492.9
2016	33	3213
2017	33	2793
2018	32	2447.7
2019	32	557.3
2020	32	2497.6
2021	32	2629.5
2022	32	1734.7
2023	35	2352
2024	35	1266.4
Min	7	199
Max	35	3,379
Avg (1979-2024)	20	1,384
Avg (2015-2024)	33	2,198

Hydrologic Budget Summary

The average annual recharge rate to the Prairie Coteau aquifer ranges is approximately 2,094 to 9,225 acre-feet/year (Hedges et al, 1982 and 1985). The estimated average annual withdrawal rate from the Prairie Coteau aquifer is approximately 2,783 acre-feet per year (non-irrigation: 372 acre-feet/year; irrigation (avg reported from 2015 to 2024): 2,198 acre-feet/year; Water Permit Application No. 9009-3 (if approved, assuming 10 inches of water per authorized acre): 213 acre-feet/year). Based on the hydrologic budget, there is a reasonable probability unappropriated water is available from the Prairie Coteau 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 63 observation wells completed into the discontinuous outwash deposits of the Prairie Coteau aquifer (Water Rights, 2026b). There are 13 observation wells completed into this outwash deposit of the Prairie Coteau aquifer (as shown in Figure 2) (Water Rights, 2026b). The three closest observation wells to the well the applicant proposes to use are CD-77A (approximately 2.3 miles west), CD-77G (approximately 3.8 miles southeast), and CD-76A (approximately 4.3 miles northwest) (Figure 2) (Water Rights, 2026b). The data points utilized to construct the hydrographs are measurements of the static water level in the observation wells from the top of the well casing which were then converted to elevation in feet from the NGVD29 vertical datum.

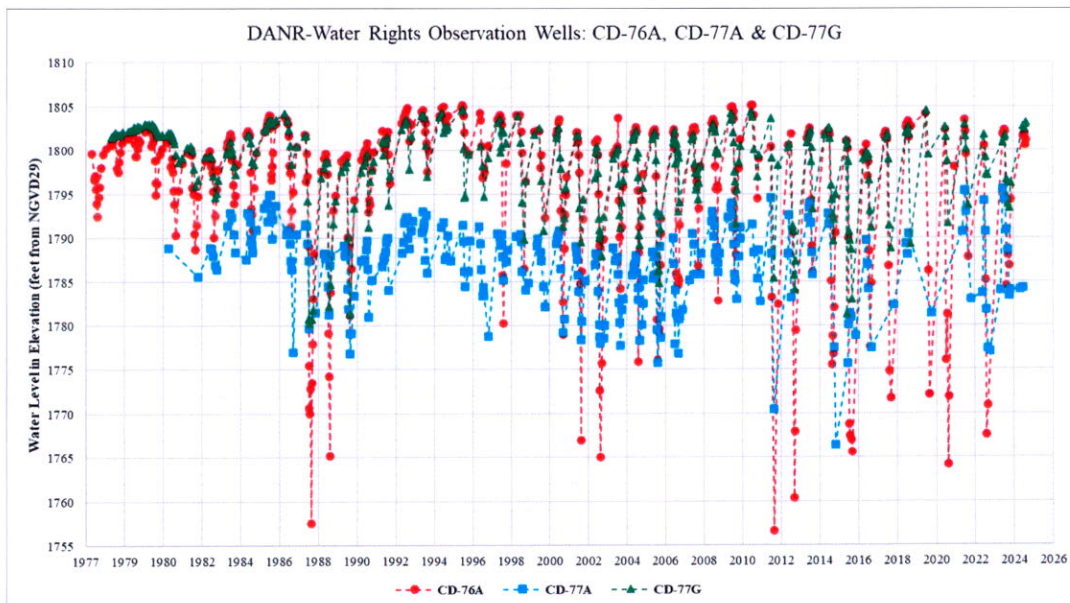


Figure 2. A graph showing the elevation of water levels for observation wells: CD-76A, CD-77A & CD-77G (Water Rights, 2026b)

The hydrographs for these observation wells were compared to hydrographs for other observation wells completed into the Prairie Coteau aquifer and all displayed a generally similar trend as shown on the hydrographs displayed in Figure 2 (Water Rights, 2026b). The hydrographs for the observation wells display stable to rising water levels over their respective periods of record. The hydrographs for the Prairie Coteau aquifer indicate that the aquifer responds well to climatic conditions because water levels are rising during wetter periods and declining to a stable water level during drier periods. Additionally, the water levels in the observation wells display that the amount of recharge to and natural discharge from the aquifer greatly exceeds pumping with the aquifer returning to pre-pumping conditions between irrigation seasons as indicated by the spring water levels. Aquifer recovery indicates that climatic conditions and therefore, the effects of recharge to and natural discharges from the aquifer govern the long-term fluctuations of waters levels in the aquifer rather than the impacts of pumping from the Prairie Coteau aquifer. By recognizing that both recharge to and natural discharge from an aquifer can be captured for pumping, the observation well hydrographs demonstrate unappropriated water is available for the proposed appropriation.

POTENTIAL FOR UNLAWFUL IMPAIRMENT OF EXISTING WATER RIGHTS:

The closest water right/permit to the proposed diversion point is Water Right No. 7927-3, which is held by Terry Britzman. The diversion point for Water Right No. 7927-3 is located approximately 0.5 miles west of the proposed diversion point for this application (Figure 3) (Table 4) (Water Rights, 2026c).

There are domestic wells on file with the DNR-Water Rights Program that are completed into the Prairie Coteau aquifer, with the closest domestic well on file (not held by the applicant) located approximately 0.36 miles southwest of the proposed diversion point (Water Rights, 2026d). There could potentially be other domestic wells completed into the Prairie Coteau aquifer near the well the applicant proposes to use that are not on file with the DNR-Water Rights Program. The location of the domestic wells in the well completion report database maintained by the Water Rights Program is based on the location listed by the driller on the well completion report.

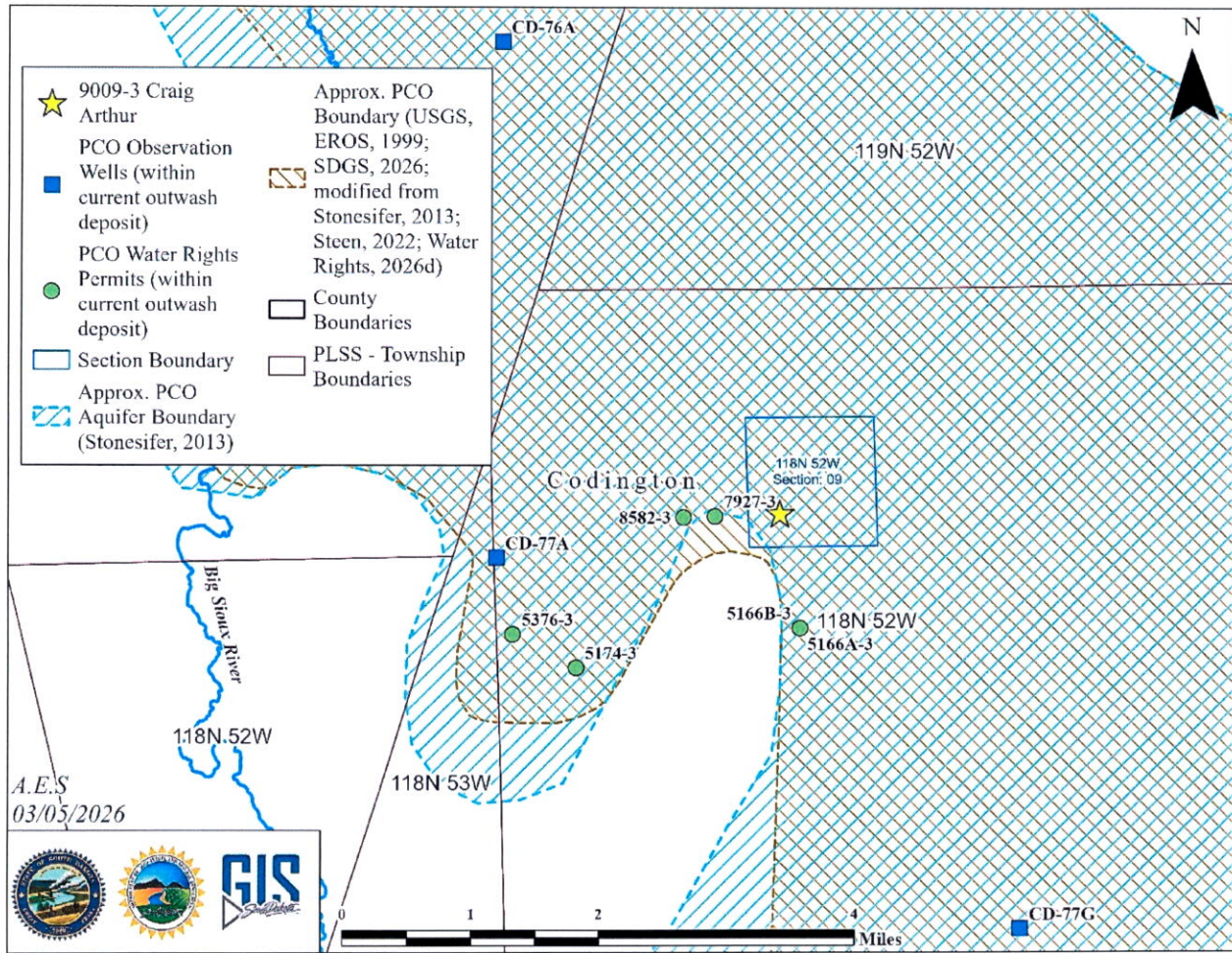


Figure 3. Water rights/permits authorized to withdraw from the Prairie Coteau aquifer within approximately two miles of the proposed diversion point for Water Permit Application No. 9009-3 (Steen, 2022; Water Rights, 2026b and 2026c)

Table 4. Water rights/permits authorized to withdraw water from the Prairie Coteau aquifer within approximately two miles of Water Permit Application No. 9009-3 as shown in Figure 3 (Water Rights, 2026c)

Permit No.	Name	Status	Use	Authorized Diversion Rate (cfs)	Authorized Acres
5166A-3	John T Nordgaard	LC	IRR	1.87	131
5166B-3	Northern Con-Agg Inc	LC	IRR	0.84	59
5174-3	Donald L Endres	LC	IRR	1.77	130
5376-3	Donald L Endres	LC	IRR	1.11	83
7927-3	Terry Britzman	LC	IRR	1.78	134.7
8582-3	Nick Endres	PE	IRR	2	153

LC: License; PE: Permit; IRR: Irrigation

Based off the test hole completion report submitted with this application, the proposed diversion point for the well to be completed into the Prairie Coteau aquifer has a saturated aquifer thickness of approximately 37 feet (Water Rights, 2026d). Based on the information found on the test hole completion report for this application, the well completion reports on file near the proposed diversion point, and the lithologic logs on file for nearby observation wells, the Prairie Coteau aquifer is expected to be under confined conditions at this location. In a confined aquifer, drawdown from a pumping well can extend some distance from the well. While the best information available indicates that there is a reasonable probability average annual recharge exceeds average annual withdrawals in the aquifer, conditions could occur where withdrawals in the aquifer exceed recharge for a period of time. Situations may occur where pumping from a thicker part of an unconfined aquifer could cause drawdown impacting adequate wells in a thinner part of the aquifer. Under such conditions an unlawful impairment of senior water rights/permits or adequate domestic wells may occur. Therefore, the applicant should control their water withdrawals, so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

There have been several complaints of potential well interference in Codington County, one in Day County, and one in Roberts County (Water Rights, 2026e). These complaints were primarily due to several large-capacity wells pumping in a small area resulting in a cone of depression around the diversion points, creating localized drawdown during times of pumping. However, investigations of these complaints by Water Rights staff engineers concluded only the artesian head pressure was impacted due to pumping and that there was no unlawful impairment of adequate wells (Water Rights, 2026e).

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). Furthermore, the Water Management Board found if increased cost or decreased production as a result of impacts on artesian head pressure by legitimate users is to be considered as an unlawful

impairment, it would also conflict with SDCL 46-1-4 (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 Prairie Coteau aquifer at their location. However, when considering the statutes (SDCL 46-1-4 and 46-6-6.1), rules (ARSD 74:02:04:20(6) and (7)), the saturated thickness of the Prairie Coteau aquifer in Codington County, the artesian head pressure in observation wells and appropriative user's wells completed into the Prairie Coteau aquifer near the proposed diversion point, and the lack of substantiated well interference complaints from the Prairie Coteau aquifer in the area, any drawdown created from the proposed diversion is not expected to cause an unlawful impairment to existing water right/permit holders or domestic users with adequate wells. Therefore, there is a reasonable probability that any interference from the proposed appropriation will not impose unlawful impairments to existing users with adequate wells.

CONCLUSIONS:

1. Water Permit Application No. 9009-3 proposes to divert water at a maximum pump rate of 1.89 cfs from one well to be completed into the Prairie Coteau aquifer (280 feet deep) located in the in the approximate center of the SW $\frac{1}{4}$ Section 9 for the irrigation of 255 acres located in the W $\frac{1}{2}$ Section 9; all in T118N-R52W (located outside the former boundaries of the Lake Traverse Reservation). This site is located in Codington County, approximately eight miles north of Watertown, SD.
2. Based on observation well data and the hydrologic budget, there is a reasonable probability that unappropriated water is available from the Prairie Coteau aquifer to supply to the proposed appropriation.
3. There is reasonable probability that the diversion by Water Permit Application No. 9009-3 will not unlawfully impair adequate wells for existing water rights/permits holders or domestic users with adequate wells.



Austin Settje
Natural Resources Engineer I
SD DANR - Water Rights Program

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- Water Rights, 2026d. Well Completion Reports, SD DANR-Water Rights Program, Joe Foss Bldg, Pierre, SD.
- Water Rights, 2026e. County Files, SD DANR-Water Rights Program, Joe Foss Bldg, Pierre, SD.

Rodriguez, Rachel

From: Craig Arthur <Cjarthur30@hotmail.com>
Sent: Monday, January 5, 2026 3:59 PM
To: Rodriguez, Rachel
Subject: Re: [EXT] water permit application

Yes that is correct location.

Sent via the Samsung Galaxy S25+, an AT&T 5G smartphone
Get [Outlook for Android](#)

From: Rodriguez, Rachel <Rachel.Rodriguez@state.sd.us>
Sent: Monday, January 5, 2026 3:52:36 PM
To: Craig Arthur <cjarthur30@hotmail.com>
Subject: water permit application

Good afternoon,

I would like to confirm the location of the well. You indicated on your application, that the well would be located in the center of the south pivot. The SW 1/4 Sec 9-T118N-R52W, see attached map for the red X. Is that correct?

Once I receive confirmation from you, I will begin processing your application.

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

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

March 10, 2026

Craig Arthur
16116 456th Avenue
Watertown SD 57201

Dear Mr. Arthur,

Water Permit Application No. 9009-3 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 Watertown Current printed at Watertown (Ph # 605 657-1797) and the Public Opinion printed at Watertown (see attachment for contact number). 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 Acting 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 Acting 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. 9009-3 to Appropriate Water

Notice is given that Craig Arthur, 16116 456th Avenue, Watertown SD 57201, has filed an application for a water permit to appropriate 1.89 cubic feet of water per second from one well to be completed into the Prairie Coteau Aquifer (approximately 280 feet deep) located in the approximate center of the SW 1/4 Section 9 for irrigation of 255 acres located in the W 1/2 Section 9; all in T118N-R52W (located outside the former boundaries of the Lake Traverse Reservation). This site is located approximately eight miles north of Watertown SD.

Pursuant to SDCL 46-2A-2, the Acting Chief Engineer recommends APPROVAL of Application No. 9009-3 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 Acting Chief Engineer's recommendation with qualifications, the application, and staff report are available at <https://danr.sd.gov/public> or contact Amanda Dewell 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 Acting Chief Engineer. A petition opposing the application shall be filed on a form provided by the Acting Chief Engineer. The petition form is available online at <https://danr.sd.gov/public> or by contacting the Acting Chief Engineer. The Acting 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 Acting 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 March 30, 2026.

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 Acting Chief Engineer. The comment shall be filed on a form provided by the Acting Chief Engineer and is available online at <https://danr.sd.gov/public> or by calling (605) 773-3352 or writing the Acting 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 March 30, 2026.

If the applicant does not contest the recommendation of the Acting Chief Engineer and no petition to oppose the application is received, the Acting 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: Gannett Legals Public Notices 4 <ganlegpubnotices4@gannett.com>
Sent: Monday, March 9, 2026 4:29 PM
To: Rodriguez, Rachel
Cc: cjarthur30@hotmail.com
Subject: RE: [EXT] 12157906 9009-3 Craig Arthur - Public Notice
Attachments: 12157906.pdf

Good Afternoon,

Please find your order confirmation and proof of ad attached.

Your ad is set to run in the Public Opinion on March 19. The order cost is \$55.40 which includes an affidavit, that will be mailed to you 7-10 business days after the last day of the ad printing.

Your notice is scheduled to run per your request and will publish unless you reply to this email requesting changes or to cancel.

Our invoicing is done on a monthly basis.

You will receive an invoice for this ad after the close of the month.

All orders are subject to a non-refundable 3.99% service fee. As an incentive for customers, we provide a discount off the order cost equal to the 3.99% service fee if you pay by ACH. Pay by ACH and Save! Final order cost provided at time of payment and via a receipt.

Thank you!

Brittany Grady
Public Notice Representative

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From: Rodriguez, Rachel <Rachel.Rodriguez@state.sd.us>
Sent: Monday, March 9, 2026 3:43 PM
To: SD-Watertown Legals <legals@thepublicopinion.com>
Subject: 12157906 9009-3 Craig Arthur - Public Notice

Attached is a notice to be published on March 19, 2026.

Craig Arthur, 16116 456th Avenue, Watertown SD 57201, 605-880-0289, cjarthur30@hotmail.com has been notified to contact you to authorize publication and arrange for payment.



Order Confirmation

Not an Invoice

Account Number:	1349231
Customer Name:	Craig Arthur
Customer Address:	Craig Arthur 16116 456Th AVE Watertown SD 57201-7329
Contact Name:	Craig Arthur
Contact Phone:	
Contact Email:	cjarthur30@hotmail.com
PO Number:	

Date:	03/09/2026
Order Number:	12157906
Prepayment Amount:	\$ 0.00

Column Count:	1.0000
Line Count:	168.0000
Height in Inches:	18.5200

Print

Product	#Insertions	Start - End	Category
WAT The Public Opinion	1	03/19/2026 - 03/19/2026	Public Notices
WAT thepublicopinion.com	1	03/19/2026 - 03/19/2026	Public Notices

As an incentive for customers, we provide a discount off the total order cost equal to the 3.99% service fee if you pay with Cash/Check/ACH. Pay by Cash/Check/ACH and save!

Total Cash Order Confirmation Amount Due	\$55.40
Tax Amount	\$0.00
Service Fee 3.99%	\$2.21
Cash/Check/ACH Discount	-\$2.21
Payment Amount by Cash/Check/ACH	\$55.40
Payment Amount by Credit Card	\$57.61

Order Confirmation Amount

\$55.40

Rodriguez, Rachel

From: legals@watertowncurrent.com
Sent: Monday, March 9, 2026 4:49 PM
To: Rodriguez, Rachel; cjarthur30@hotmail.com
Subject: RE: [EXT] 9009-3 Craig Arthur - Public Notice

Will do!

Barb Andersh

Legals

**the WATERTOWN
current.**

13 Second St. SE
Watertown, SD 57201
(605) 657-1797
legals@watertowncurrent.com

From: Rodriguez, Rachel <Rachel.Rodriguez@state.sd.us>
Sent: Monday, March 9, 2026 4:02 PM
To: legals@watertowncurrent.com; cjarthur30@hotmail.com
Subject: RE: 9009-3 Craig Arthur - Public Notice

Please set it up under the applicants name Craig Arthur, as the applicant is responsible for authorizing and setting up payment.

Thank you,

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



From: legals@watertowncurrent.com <legals@watertowncurrent.com>
Sent: Monday, March 9, 2026 3:59 PM
To: Rodriguez, Rachel <Rachel.Rodriguez@state.sd.us>; cjarthur30@hotmail.com
Subject: RE: [EXT] 9009-3 Craig Arthur - Public Notice

Rachel:

Received. I will set up an account for you. Just let me know where our Aberdeen office needs to email the Invoice.

Is this the information I need to set up the account or what information can I use?

Water Rights Program

Craig Arthur

16116 456th Avenue

Watertown SD 57201

605-880-0289

cjarthur30@hotmail.com

I will email you confirmation of publication and pricing information soon. I can email the affidavit and tear sheets to you.

Barb Andersh

Legals

**the WATERTOWN
current.**

13 Second St. SE

Watertown, SD 57201

(605) 657-1797

legals@watertowncurrent.com

From: Rodriguez, Rachel <Rachel.Rodriguez@state.sd.us>

Sent: Monday, March 9, 2026 3:42 PM

To: Legals@watertowncurrent.com

Subject: 9009-3 Craig Arthur - Public Notice

Attached is a notice to be published on March 19, 2026.

Craig Arthur, 16116 456th Avenue, Watertown SD 57201, 605-880-0289, cjarthur30@hotmail.com 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, Attn Rachel Rodriguez, 523 E Capitol Ave, Pierre SD 57501.

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

Thank you,

Rachel Rodriguez

DANR | Program Assistant

Rachel.Rodriguez@state.sd.us

USA TODAY CO.



PO Box 630567 Cincinnati, OH 45263-0567

AFFIDAVIT OF PUBLICATION

Water Rights Program
Water Rights Program
523 E Capitol Ave
Pierre SD 57501

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MAR 26 2026

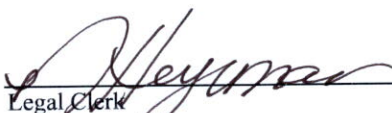
OFFICE OF
WATER

STATE OF SOUTH DAKOTA, COUNTY OF CODINGTON

The Watertown Public Opinion is, and during all the times hereafter mentioned was, a daily legal newspaper as defined in SDCL 17-2-2.1 through 17-2-2.4, as amended, published at Watertown, Codington County, South Dakota, by Watertown Public Opinion; that the notice, order or advertisement, a printed copy of which is attached, was published in said newspaper in the issue dated:

03/19/2026

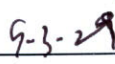
and that the fees charged are legal.
Sworn to and subscribed before on 03/19/2026



Legal Clerk



Notary, State of WI, County of Brown

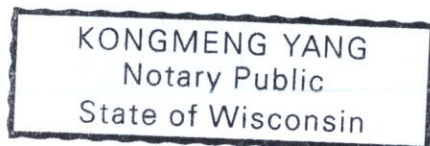


My commission expires

Publication Cost:	\$55.40	
Tax Amount:	\$0.00	
Payment Cost:	\$55.40	
Order No:	12157906	# of Copies:
Customer No:	1349231	1
PO #:		

THIS IS NOT AN INVOICE!

Please do not use this form for payment remittance.



**NOTICE OF APPLICATION
NO. 9009-3 to
Appropriate Water**

Notice is given that Craig Arthur, 16116 456th Avenue, Watertown SD 57201, has filed an application for a water permit to appropriate 1.89 cubic feet of water per second from one well to be completed into the Prairie Coteau Aquifer (approximately 280 feet deep) located in the approximate center of the SW 1/4 Section 9 for irrigation of 255 acres located in the W 1/2 Section 9; all in T118N-R52W (located outside the former boundaries of the Lake Traverse Reservation). This site is located approximately eight miles north of Watertown SD.

Pursuant to SDCL 46-2A-2, the Acting Chief Engineer recommends APPROVAL of Application No. 9009-3 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 Acting Chief Engineer's recommendation with qualifications, the application, and staff report are available at <https://danr.sd.gov/public> or contact Amanda Dewell 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 Acting Chief Engineer. A petition opposing the application shall be filed on a form provided by the Acting Chief Engineer. The petition form is available online at <https://danr.sd.gov/public> or by contacting the Acting Chief Engineer. The Acting 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

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OFFICE OF
WATER

Acting 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 March 30, 2026.

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 Acting Chief Engineer. The comment shall be filed on a form provided by the Acting Chief Engineer and is available online at <https://danr.sd.gov/public> or by calling (605) 773-3352 or writing the Acting 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 March 30, 2026.

If the applicant does not contest the recommendation of the Acting Chief Engineer and no petition to oppose the application is received, the Acting 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 cost of \$55.40 and may be viewed free of charge at www.sdpublicnotices.com

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Proof of Publication

This is not an invoice.

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MAR 19 2026

Water Rights
Program

Craig Arthur
16116 456th Ave.
Watertown, SD 57201
605.880.0289

The **Watertown Current** is a weekly newspaper of general circulation, posted online, printed, and published in Watertown, Codington County, South Dakota since October 11, 2024. This is an acknowledgement that the attached/included public notice was included in the printed edition(s) of the **Watertown Current**:

March 19, 2026 – NOTICE OF APPLICATION NO. 9009-3 to Appropriate Water
(147 lines @ \$.26 each)

I, Troy McQuillen (Owner and Publisher), under oath, do swear, that I am the publisher of the **Watertown Current**, and that the **Watertown Current** is a local newspaper as described in South Dakota codified laws and maintains a paid print circulation of over 2,000 weekly.

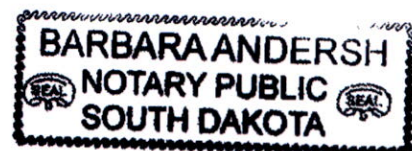
Total Cost: \$38.22

Publisher: Troy McQuillen

Notary

Sworn to and subscribed before me on **March 19, 2026**

Barbara Andersh



Notary, State of South Dakota, County of Codington

My Commission Expires: November 14, 2031

See LEGALS on Page 5C ➔

Water Rights Program

Official Proceedings
County of Codington
Codington County
Court House
14 1st Ave SE
Watertown, SD 57201
March 03, 2026

Rodriguez, Rachel

From: Rodriguez, Rachel
Sent: Tuesday, March 10, 2026 8:06 AM
To: cjarthur30@hotmail.com
Subject: 9009-3 Craig Arthur - Public Notice
Attachments: 9009-3 Rec.pdf; 9009-3 Ltr.pdf; 9009-3 PubNotice.pdf; Watertown INFO.pdf

Good Morning Craig,

Attached is a copy of the report, acting 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.

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

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

May 5, 2026

Craig Arthur
16116 456th Avenue
Watertown SD 57201

Dear Mr. Arthur:

Enclosed is Water Permit No. 9009-3 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,

Adam Mathiowetz, PE
Acting Chief Engineer
Water Rights Program

enclosures



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

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.: 9009-3

Name of Applicant: Craig Arthur

Date of Posting: 3/16/2026

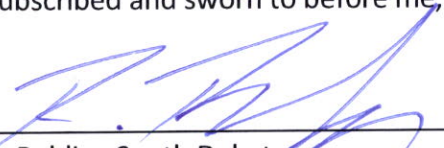
Date of Removal: 5/5/2026


Amanda Dewell, Permitting Administrator

5/5/2026

Date

Subscribed and sworn to before me, a notary public, this 5th day of May, 20 26.


Notary Public - South Dakota
My commission expires: **Rachel Rodriguez**
My Commission Expires
May 16, 2029

(SEAL)

