

WATER PERMIT NO. 2050-1

Name of Applicant: **Venekamps LLC**

Address: **22478 Bennett Road, Rapid City SD 57701**

Phone: **605-415-5868**

Amount of Water Claimed: **58.6 AF**

Total Acres: **N/A**

Source of Water Supply: **Groundwater**

Water to be used for: **WDS**

County: **Meade**

Type of Waste Disposal System:

Location: **Approx. 2 miles north of Rapid City**

PRIORITY

Date Received: **02-18-26**

Application/License Fee: **\$700.00**

Corrected Application Received: **03-09-26**

Period of Annual Use: **January 1 – December 31**

Remarks: **Using the existing well authorized by WR No. 1968-1; increasing annual volume and pump rate**

Diversion Point: **NE 1/4 NW 1/4 Sec 10-T2N-R8E**

Land to be Irrigated: **N/A**

Depth of Well: **2170**

Well Driller: **Rapid Drilling LLC**

Remarks:

Type of Map: **aerial**

		x			
			10		

Reviewed and the Number Assigned on: **03-11-26**

By: **Rachel Rodriguez**

Notice of Hearing - date to intervene: _____

SOUTH DAKOTA
WATER PERMIT NO. 2050-1

Date of first receipt of application February 18, 2026.

Date of return to applicant for corrections, amendments or changes February 18, 2026.

Date of receipt of corrected application March 10, 2026.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 2050-1 to Venekamps LLC., 22478 Bennett Road, Rapid City SD 57701, 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. 2050-1 appropriates up to 58.6 additional acre-feet of water annually and increases the authorized maximum diversion rate by an additional 0.23 cubic feet of water per second (cfs), to what is already authorized by Water Right No. 1968-1, utilizing the existing well. Water Right No. 1968-1 authorizes the appropriation of up to 29 acre-feet of water annually at a maximum pump rate of 0.11 cfs from one well completed into the Inyan Kara Aquifer (2,170 feet deep) located in the NE 1/4 NW 1/4 Section 10 for use in a water distribution system serving a housing development located in the N 1/2 NW 1/4 Section 10; all in T2N-R8E. This permit also expands the area of use to include development in the E 1/2 Section 9 and W 1/2 NE 1/4 Section 10; all in T2N-R8E. This Permit, and Water Right No. 1968-1 authorize a combined total appropriation of up to 87.6 acre-feet annually at a maximum diversion rate of 0.34 cfs. This site is located in Meade County, approximately three miles north of Rapid City SD.
2. The water appropriated shall be used for the purpose of water distribution system use and may not exceed the amount of water needed for beneficial use.
3. The water is to be used during the following described annual period: January 1 – December 31.
4. The date of approval of Permit No. 2050-1 is June 8, 2026.
5. The date from which applicant may claim right is February 18, 2026.
6. One-fifth of the construction is to be completed on or before December 8, 2028.
7. All construction is to be completed on or before June 8, 2031.
8. Water is to be put to beneficial use on or before June 8, 2035.
9. 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 this Permit and Water Right No. 1968-1 is located near domestic wells and other wells which may obtain water from the same aquifer. Water withdrawals must 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. Any future replacement or additional wells must meet the adequate well construction standards as defined in Administrative Rule of South Dakota (ARSD) 74:02:04:20. Any replacement or additional wells may not be constructed using the alternative construction requirements that are allowed for domestic use wells outlined in ARSD 74:02:04:36

(continued)

3. The permit holder shall report to the Chief Engineer annually the amount of water withdrawn from the Inyan Kara aquifer.
4. Water Permit No. 2050-1 authorizes a total annual diversion of up to 58.6 acre-feet of water.
5. Water Permit No. 2050-1 and Water Right No. 1968-1 authorize a combined total annual diversion of up to 87.6 acre-feet of water.

WATER MANAGEMENT BOARD

By: Adam Mathiowetz
Adam Mathiowetz, PE
Acting Chief Engineer
Water Rights Program
Department of Agriculture and Natural Resources

JUL 16 2026

date



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

Mail to: SD DANR, Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>2050-1</u> Hydrologic Unit <u>10120111</u>
	Basin <u>Cheyenne</u>
	Newspaper <u>Faith Independent</u>
	<u>Rapid City Journal</u> (office use only)

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MAR 10 2026

**Water Rights
Program**

Application for Permit to Appropriate Water in South Dakota

Check use(s) of water:

☐

Municipal

Rural Water System

Domestic (over 18 gpm)

☒

Water Distribution System

Commercial

Industrial

☐

Recreational

Fish & Wildlife

Other

☐

Institutional

Geothermal

Type of Application:
(check one)

☒

New

☐

Vested Right (Use predates Mar 2, 1955)

☐

Future Use Reservation

Place to Beneficial Use Water Reserved by Future Use Permit No. _____

Amendment/Correction to Permit No. _____

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

- Name to Appear on Water Permit Venekamps LLC
Mailing Address 22478 Bennett Rd Rapid City SD 57701
(Address) (City) (State) (Zip Code)
Phone _____ Mobile 605-415-5868 Email rcpineview@gmail.com
- Amount of water claimed 0.23 *CFS or 58.6 **GPM and 58.6 ***AF or _____ Gallons
Flow rate and volume are both required (*Cubic Feet per Second) (**Gallons per Minute) (**Acre Feet - storage capacity of dam/dugout or annual use)
- Source of water supply one existing well (auth by 1968-1) Inyan Kara Aq
- Location of point of diversion NE 1/4 NW 1/4 Sec 10-T2N-R8E County Meade
(example - 3 wells in SW 1/4 NE 1/4 section 12-T104N-R53W)
If not a public water supply (e.g. municipal), will water be used outside of the area described above? ☐ Yes ☐ No
If "Yes," where will water be used? _____
(example - NW 1/4 section 12-T104N-R53W)
- County or counties where water will be used Meade
- Annual period during which water is to be used Jan 1 - Dec 31
- Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

Requesting to increase both the annual volume and the maximum pump rate authorized under WR No. 1968-1 to supply a growing housing development (approx. 120 new homes).

This application and WR No. 1968-1, combined, would total 87.6 ac-ft/yr @ a max rate of 150gpm.

I, [Signature], 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)

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1. Well Information (check one or both as applicable)

☐ Drilling new well(s) ☒ Using existing well(s)

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

b) If existing wells, how many 1 Provide copy of log(s), if available. Drilled by see 1968-1

For either existing or proposed wells:

c) Well Depth (required) 2170' Depth to Top of Water Bearing Material 1890' Depth to Water from Surface 345'

d) Distance to nearest domestic well on applicant's property none Property owned by others unknown

2. Wastewater Disposal System Information

a) Type of System (i.e. septic tank, drain field) each lot has septic tank w/ drain field

b) System Capacity (gallons) _____ Year Constructed _____

c) Connected to the City of N/A Sanitary System

3. Dugout Information N/A

a) Surface Dimensions _____ Depth _____

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

4. Water Storage Dams N/A

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)

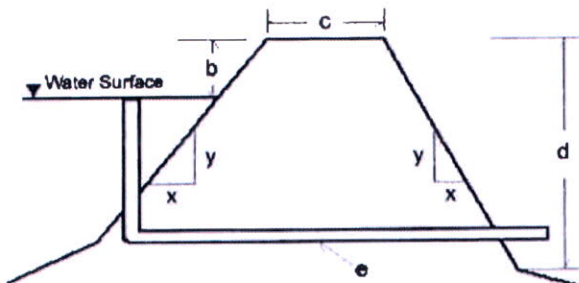
Upstream _____

Downstream _____

h) Area of Impoundment _____

i) Storage _____ Acre Feet

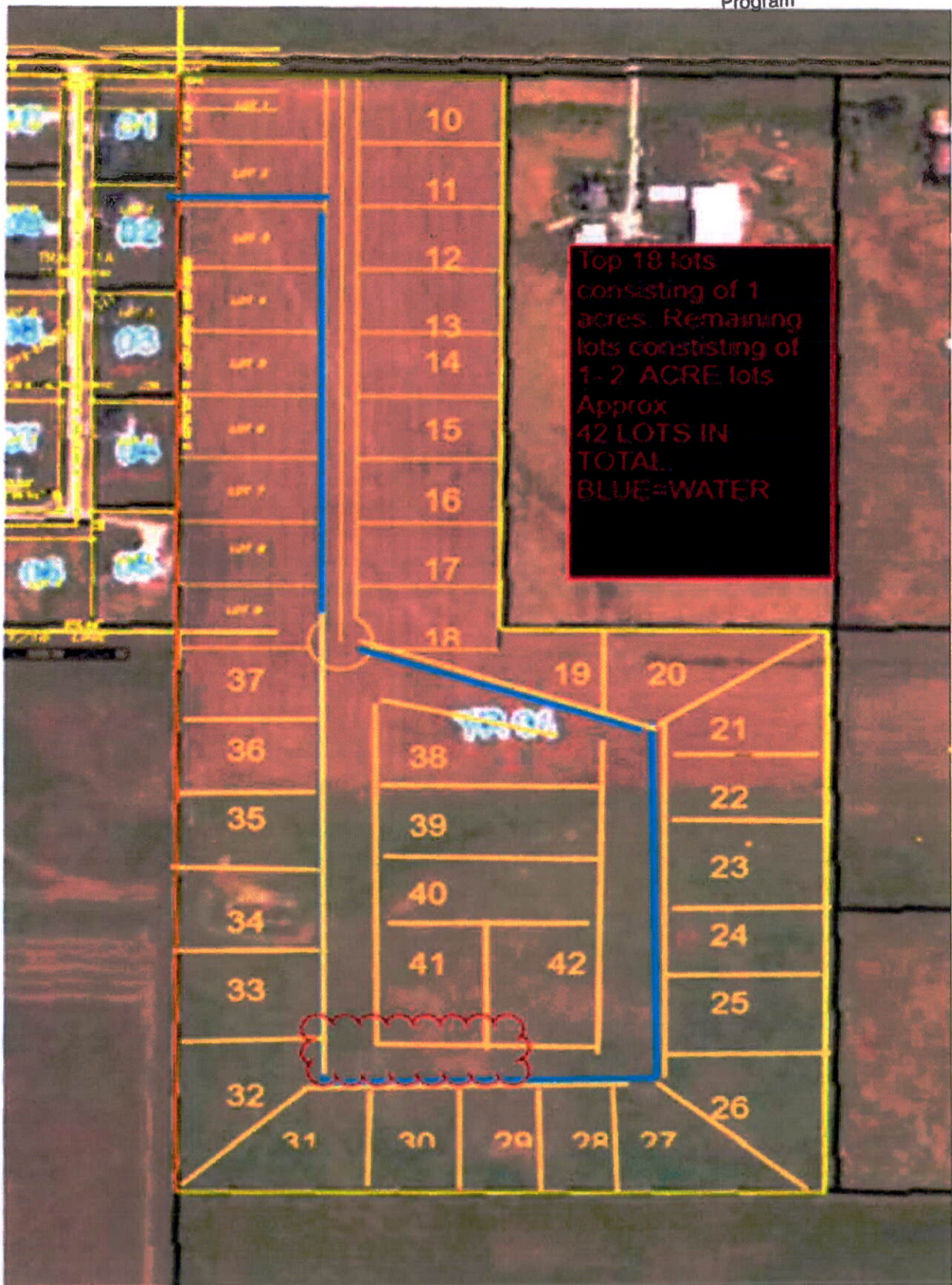
j) Drainage Area Above Dam _____ Acres



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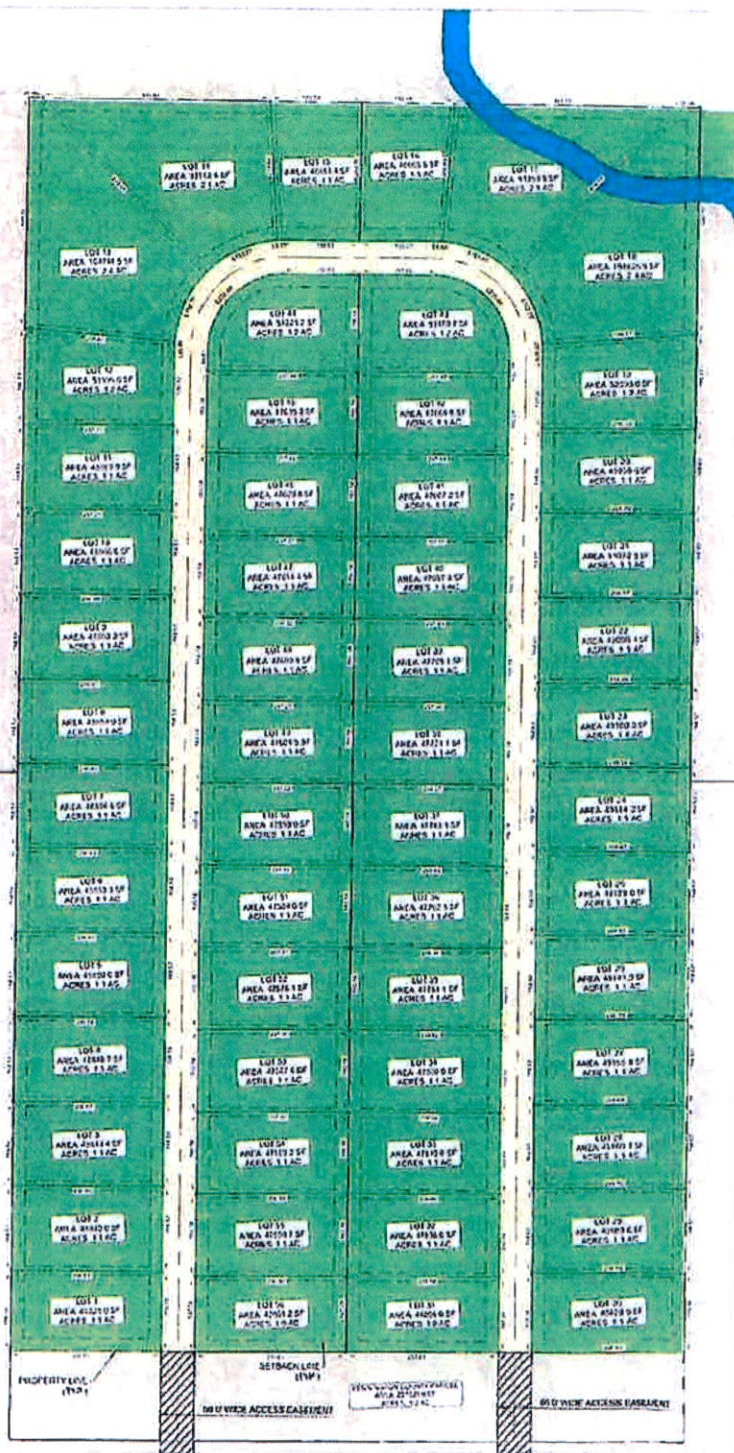
Water Rights
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Proposed 56 Lot Expansion

ZONING INFORMATION Modified High Density REGULATIONS:

1. **General**
 - a.) Subdivision Must Conform to Mead County Comprehensive Plan
 - b.) Each Platted Lot may only contain one single family residence unless otherwise approved
 - c.) Subdivision with 3 or more lots requires a Subdivision Improvement Agreement.
2. **Modified High Density Design Requirements**
 - a.) Lot Size - 1 acre to 3.0 acres
 - b.) Minimum ROW 66 feet for interior streets
 - c.) Street Rightway 24'
 - d.) Drainage Manholes in Ditches
 - e.) Street Lighting required at all intersections
 - f.) Fire Hydrants spaced 500 ft or less if required
 - g.) Block Length Maximum 1,200' or need secondary access
 - h.) Easements at 10' wide minimum for utilities and drainage
3. **Street and Access**
 - a.) Street Names must be approved by Planning Department
 - b.) Drive Approach permit is for all new driveways

SETBACKS
FRONT YARD 25.0'
SIDE YARD 8.0'
REAR YARD 25.0'



225th STREET

INDIGO
DESIGN

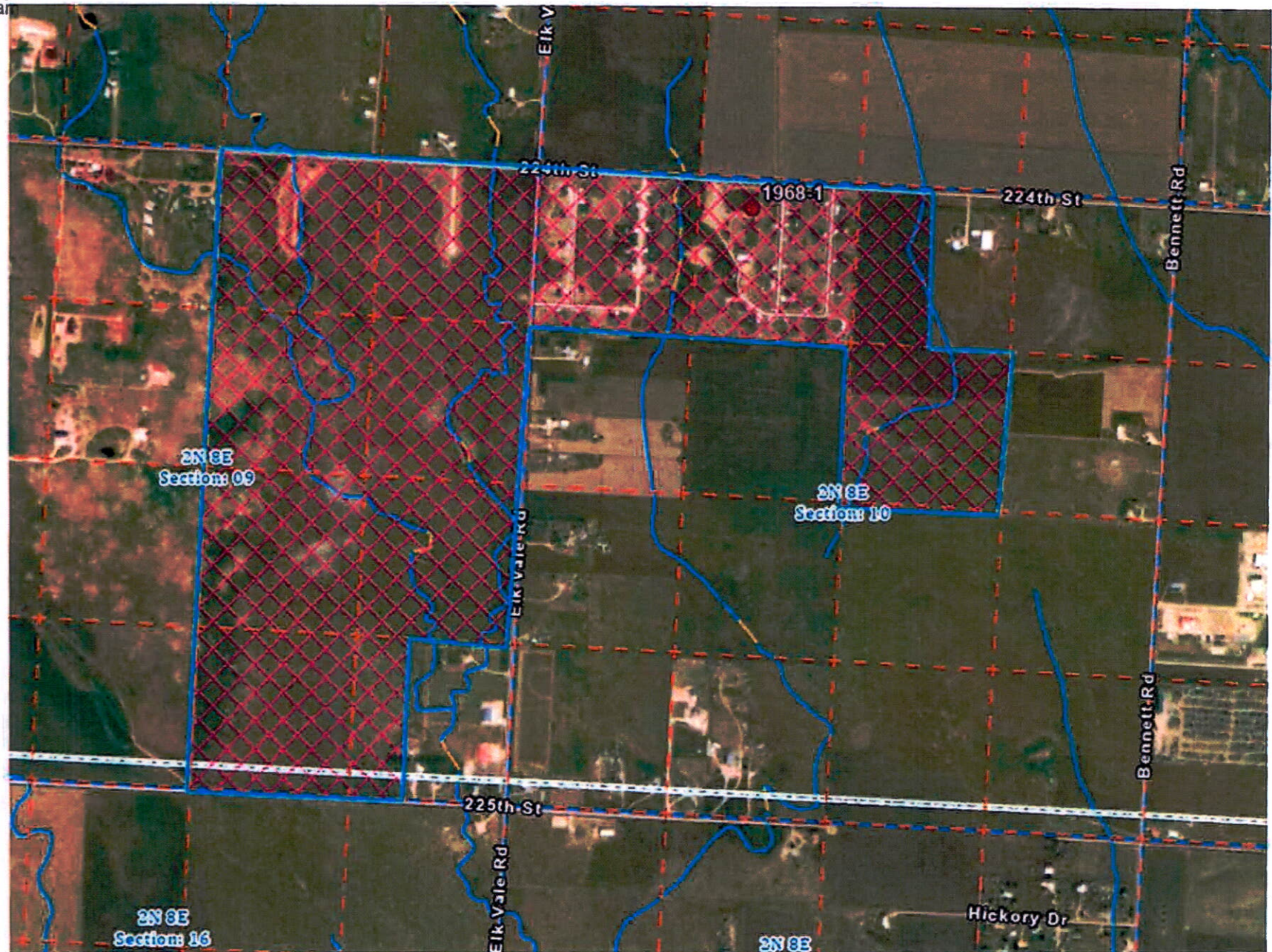
Bridle Ridge Acres

SCALE: 1" = 100' FIELD MAP
NOT FOR CONSTRUCTION

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○ = Well location & original Development
X = New

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John,

The existing water right for Bridal Ridge's well has enough capacity for the average day demand of the planned Bridal Ridge subdivision expansions, but during peak water usage (typically in summer months of June through August) the water demand is greater than the current well permit allows. There will need to be an increase in the well capacity to adequately supply water to the subdivision expansions.

It is recommended that a request for additional water rights be made to the South Dakota Department of Agriculture and Natural Resources (SDDANR). The driller of Bridal Ridge's well indicated it could flow at ~100 to 120 gallons per minute (gpm). At a minimum, the well permit should be increased to 100 gpm and the total acre-feet per year should be above 19,710,000. Our initial findings are based on the following assumptions:

1. Each lot is assumed to use 300 gallons per day according to Meade County Ordinance.
2. Peaking Factor for peak day demand calculations is 2.5. The 2024 flow data indicates peak month usage to be double the average. Due to the limited historical flow data, a 2.5 peaking factor was used.
3. The original development has 58 lots according to business plan written by Affordably Creative Engineering Services, Inc.
4. Capacity of the well is 50 gpm and is allowed to use 29 acre-feet (~9.5 million gallons) per year from SDDANR well permit.

Water demand for the current Bridal Ridge development and the planned expansions are shown in the following table. The red shading indicates that the flow demand is greater than the current well permit allows.

Flow Capacity Calculations							
			Average Demand			Peak Demand (Peaking Factor=2.5)	
Land Use	Quantity (total lots)	Criteria (gpd/lot)	Water Demand (gal/day)	Water Demand (gal/yr)	Well Demand Required (gpm)	Peak-Day Water Demand (gal/day)	Well Demand Required (gpm)
Current Lots	58	300	17,400.00	6,351,000.00	12.08	43,500.00	30.21
West 20 Lot Expansion	78	300	23,400.00	8,541,000.00	16.25	58,500.00	40.63
East 42 Lot Expansion	120	300	36,000.00	13,140,000.00	25.00	90,000.00	62.50
Southwest 60 Lot Expansion	180	300	54,000.00	19,710,000.00	37.50	135,000.00	93.75

We are continuing work on the water system evaluation and will send you the draft once available. Please let me know if you have any questions or need any additional information.

Thank you,

Casey Skillingstad, PE

Project Engineer

Mobile: (605) 760-2220

Email: Casey.Skillingstad@AE2S.com

Address: 610 E. Boulevard
Rapid City, SD 57701

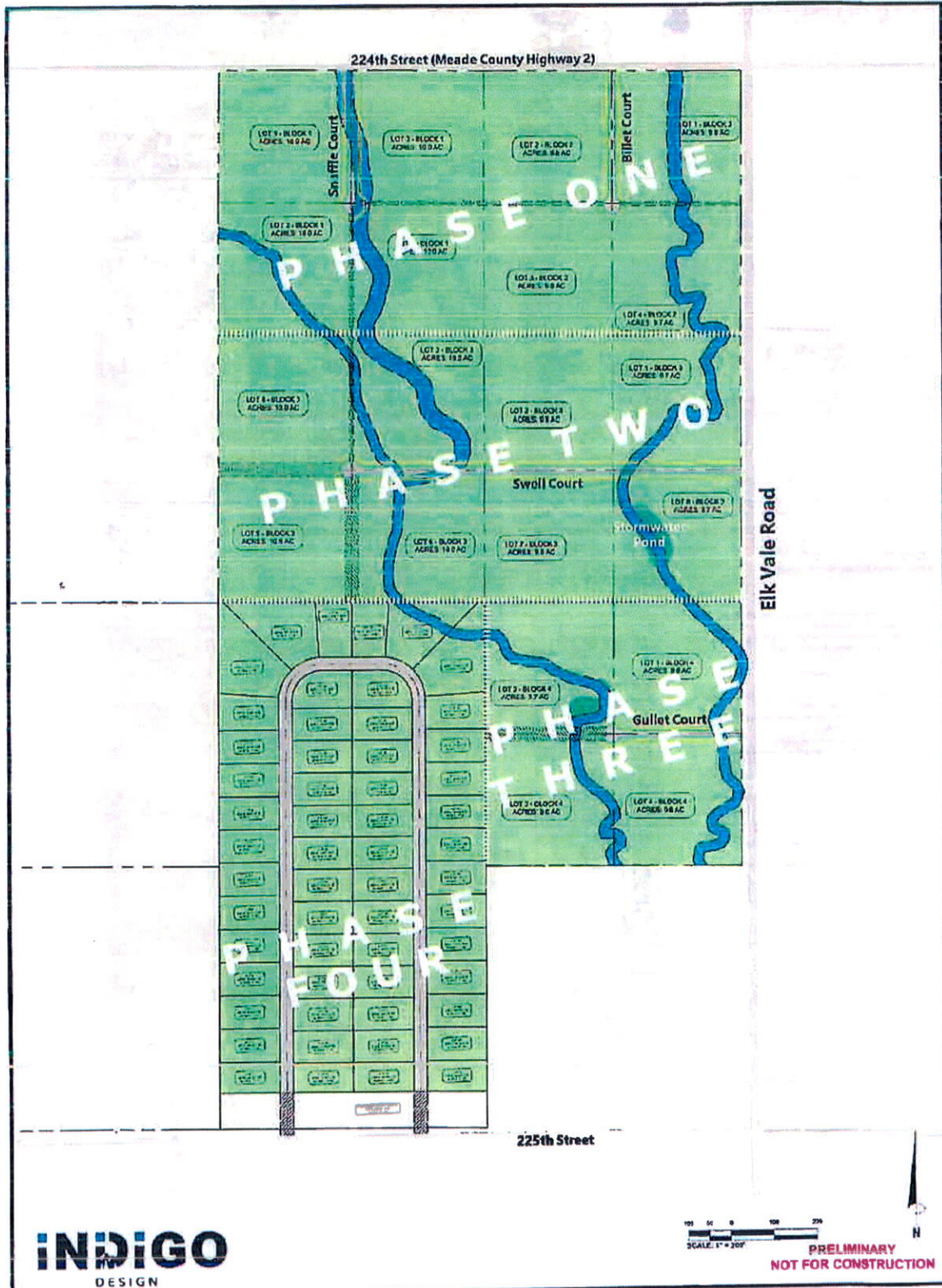
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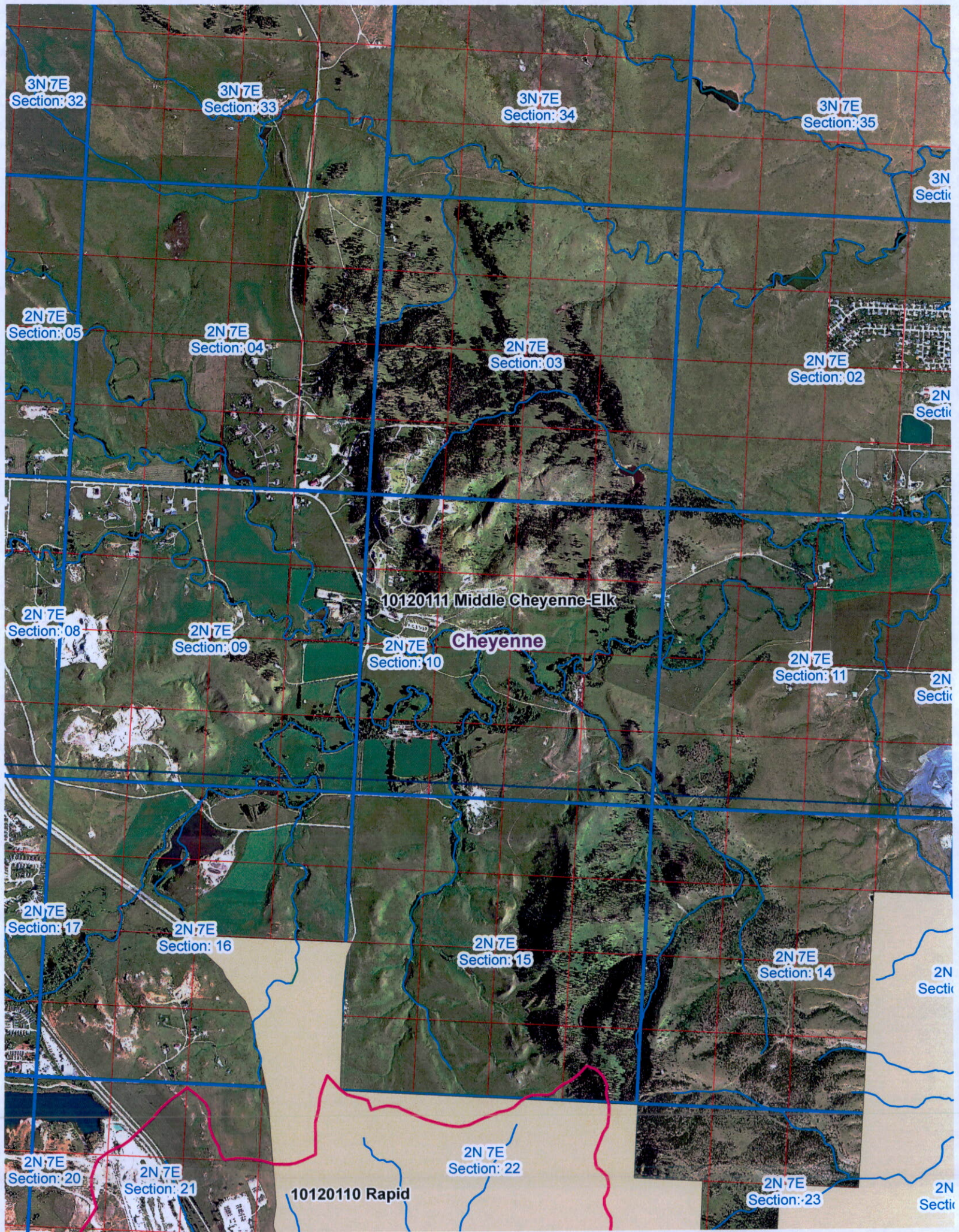
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Bridle Ridge Acres





RECEIPT

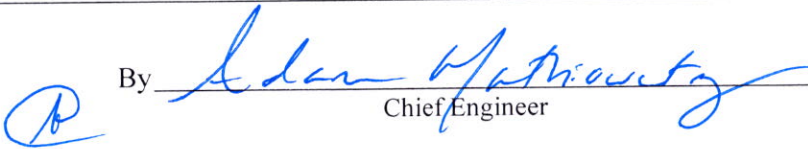
WATER RIGHTS PROGRAM South Dakota Department of Agriculture and Natural Resources

Date February 18, 2026

RECEIVED OF Venekamps LLC 22478 Bennett Road Rapid City SD 57701

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

Fee for Application for Permit No. <u>2050-1</u> to Appropriate Water, to construct and to put water to beneficial use	\$ <u>500.00</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>2050-1</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>700.00</u>

By 

Chief Engineer



533090373

ANNUAL REPORT

Secretary of State
500 E. Capitol Ave
Pierre, SD 57501-5070
(605) 773-4845

Domestic Limited Liability Company
SDCL 47-34A-211; 59-11-24, 24.1

2025
FILING YEAR

Please Type or Print Clearly in Ink
Please submit one Original
Make payable to the SECRETARY OF STATE

Filing Fee: \$55

Total Fee: \$55

1. Business ID and Name:

DL128036
BUSINESS ID

Venekamps LLC
BUSINESS NAME

2. The jurisdiction under whose law it is formed **SOUTH DAKOTA**

3. The address of the principal executive office (business address):

Actual Street Address

**15807 DOE DRAW RD
PO BOX 530
PIEDMONT, SD 57769**

Mailing Address

**15807 DOE DRAW RD
PO BOX 530
PIEDMONT, SD 57769**

4. The South Dakota Registered Agent's Name:

South Dakota law permits the registered agent to be either (a) a noncommercial registered agent, or (b) a commercial registered agent.

(a) The South Dakota Noncommercial Registered Agent's name

Name **Willis R Venekamp**

Actual Street Address in this State

**15807 DOE DRAW RD
PO BOX 530
PIEDMONT, SD 57769**

Mailing Address in this State

**15807 DOE DRAW RD
PO BOX 530
PIEDMONT, SD 57769**

5. If the LLC is manager-managed, list the names and addresses of its Managers. SDCL 59-11-24. If the LLC is member-managed, this section may be left blank.

6. 43-2A-1. "Agricultural land" defined.

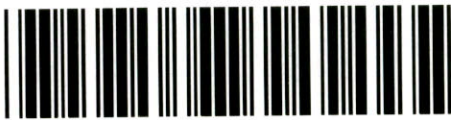
For purposes of this chapter, the term "agricultural land" means land capable of use in the production of agricultural crops, timber, livestock or livestock products, poultry or poultry products, milk or dairy products, or fruit and other horticultural products but does not include any royalty interest, any oil, gas, or other mineral interest, or any lease, right-of-way, option, or easement relating thereto, or any land zoned by a local governmental unit for a use other than and nonconforming with agricultural use

Does the entity own any Agricultural land? (Required)

No

If the answer is yes, please answer below

"Foreign Beneficial Owner" "Foreign entity" is registered outside of the United States or its territories or has more than ten percent ownership by a foreign government, foreign person, or any combination thereof. "Foreign Government" A Government or state- controlled enterprise of a government, other than the United States, its states, its territories, or its federally recognized Indian Tribes. "Foreign Person" A natural Person who is not a United States Citizen or a resident.



Does the entity have any foreign beneficial owners/interests?

N/A

If the answer is yes to the questions above, please provide the information below

Provide a legal description of the agricultural land or a description of the land's common location in the space provided below.

N/A

The total acreage of agricultural land held by the entity.

N/A

The Current use of the agricultural land. As defined in SDCL 43-2A-1.

Check all that apply:

N/A

7. Beneficial Owners (optional): A beneficial owner is a person who has or in some manner controls an equity security. Please consult an attorney for legal advice if you have any questions concerning this entry. Any question under this heading is considered a request for legal advice and the secretary of state's office is, by statute, not permitted, to provide legal advice.

Name	Address
Karen R Venekamp	15807 Doe Draw Rd Box 530 Piedmont, SD 57769
Willis R Venekamp	15807 Doe Draw Rd Box 530 Piedmont, SD 57769

No person may execute this report knowing it is false in any material respect. Any violation may be subject to a criminal penalty (SDCL 22-39-36).

09/02/2025

Dated

Email (Optional)

Karen R Venekamp

Signature of an Authorized Person

Karen R Venekamp

Printed Name



**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. 2050-1, Venekamps LLC.**

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. 2050-1, Venekamps LLC., 22478 Bennett Road, Rapid City SD 57701.

The Acting Chief Engineer is recommending APPROVAL of Application No. 2050-1 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 this Permit and Water Right No. 1968-1 is located near domestic wells and other wells which may obtain water from the same aquifer. Water withdrawals must 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. Any future replacement or additional wells must meet the adequate well construction standards as defined in Administrative Rule of South Dakota (ARSD) 74:02:04:20. Any replacement or additional wells may not be constructed using the alternative construction requirements that are allowed for domestic use wells outlined in ARSD 74:02:04:36
3. The permit holder shall report to the Chief Engineer annually the amount of water withdrawn from the Inyan Kara aquifer.
4. Water Permit No. 2050-1 authorizes a total annual diversion of up to 58.6 acre-feet of water.
5. Water Permit No. 2050-1 and Water Right No. 1968-1 authorize a combined total annual diversion of up to 87.6 acre-feet of water.

See report on application for additional information.

Adam Mathiowetz, PE
Acting Chief Engineer
May 16, 2026

Report to the Chief Engineer
On Water Permit Application No. 2050-1

Venekamps LLC

May 7th, 2026

Water Permit Application No. 2050-1 proposes to appropriate up to an additional 58.6 acre-feet of water annually and increase the authorized maximum diversion rate by an additional 0.23 cubic feet of water per second (cfs), to what is already authorized by Water Right No. 1968-1, utilizing the existing well. Water Right No. 1968-1 authorizes the appropriation of up to 29 acre-feet of water annually at a maximum pump rate of 0.11 cfs from one existing well completed into the Inyan Kara aquifer (2,170 feet deep) located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 10 for use in a water distribution system serving a housing development located in the N $\frac{1}{2}$ NW $\frac{1}{4}$ Section 10; all in T2N-R8E. This application also proposes expanding the area of use to include development in the E $\frac{1}{2}$ Section 9 and W $\frac{1}{2}$ NE $\frac{1}{4}$ Section 10; all in T2N-R8E. This application, if approved, and Water Right No. 1968-1 would authorize a combined total appropriation of up to 87.6 acre-feet annually at a maximum diversion rate of 0.34 cfs. This site is located in Meade County, approximately three miles north of Rapid City, SD.

AQUIFER: Inyan Kara (INKR)

HYDROGEOLOGY:

The Inyan Kara aquifer is the saturated and permeable materials that make up the Lower Cretaceous-aged Inyan Kara Group. The Inyan Kara aquifer is a bedrock aquifer that underlies most of the northern great plains in Montana, North Dakota, South Dakota, Wyoming, and extends up into Canada (Downey, 1986). The Inyan Kara Group, in South Dakota, is comprised of Lower Cretaceous-aged Fall River and Lakota Formations (Downey, 1986). The Lakota Formation comprises the lower two-thirds while the Fall River Formation comprises the upper one-third of the Inyan Kara Group (Gott & others, 1974). The Water Rights Program and Water Management Board consider the Inyan Kara Group (Fall River and Lakota Formations) as one aquifer for appropriation. The Inyan Kara aquifer underlies approximately 23,000,000 acres of South Dakota west of the Missouri River and 6,400,00 acres east of the Missouri River (Allen & others, 1985; Hedges & others, 1982).

In South Dakota, the Inyan Kara aquifer is primarily under confined conditions, except for the outcrops in the Back Hills where the aquifer is found to be unconfined (Driscoll and Carter, 2001; Water Rights, 2026b and 2026d). A majority of the Inyan Kara aquifer is overlain by the impermeable Skull Creek Shale, and in areas without the Skull Creek Shale the Inyan Kara aquifer discharges to the overlying Dakota aquifer (Schoon, 1971). The underlying Morrison Shale confines the Inyan Kara aquifer from other aquifers below it (Schoon, 1971), although due to the large extent of the area where stratigraphically lower, higher pressure, aquifers underly the Inyan Kara aquifer, water can flow through the Morrison Shale into the Inyan Kara aquifer

(Bredehoeft and others, 1983). Generally, the groundwater flow direction of the Inyan Kara aquifer is outwards from the Black Hills outcrop and eastward across South Dakota (Strobel & others, 2000; Martin & others, 2004; Water Rights, 2026b).

A well completion report was not submitted with this application. However, this application intends to use the existing well authorized by Water Right No. 1968-1, so the well completion report for Water Right No. 1968-1 will be used for this application. The well completion report for Water Right No. 1968-1 was completed on April 4th, 2017 (Water Rights, 2026d). The water well completion report shows the top of aquifer material 1,890 feet below ground surface. The static water level at the time of well completion was 345 feet of water above ground surface (Water Rights, 2026b). Based on the top of aquifer material, the static water level, and total well depth (2,170 ft), the aquifer is confined with a saturated aquifer thickness of at least 243 feet (Water Rights, 2026b). The well completion report indicates the aquifer material is confined by a layer of shale above the aquifer and is similar to other nearby test hole reports and well completion reports for Inyan Kara aquifer wells (Water Rights, 2026d).

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

Pursuant to SDCL 46-2A-9,

“A permit to appropriate water may be issued only if there is a reasonable probability that 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 Inyan Kara aquifer.

WATER AVAILABILITY:

Water Permit Application No. 2050-1 proposes to appropriate water from the Inyan Kara aquifer. The probability of unappropriated water being available from the aquifer can be evaluated by considering 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 Inyan Kara aquifer is older, stratigraphically lower than the Greenhorn Formation (Fahrenbach & others, 2010), and the applicant's proposed use is in a water distribution system as defined by SDCL 46-1-6(17). Therefore, the Water Management Board's authority to approve this application is not restricted by whether or not recharge exceeds withdrawals. However, since unappropriated water being available is a consideration in recommending approval of an application, a hydrologic budget analyzing average annual recharge and average annual withdrawal rates to and from the Inyan Kara aquifer is included in this technical report for the information of the Chief Engineer and Water Management Board.

HYDROLOGIC BUDGET:

Recharge

The Inyan Kara aquifer in South Dakota primarily receives recharge from precipitation on the outcrops of the Black Hills. The outcrop area of the Inyan Kara aquifer in the Black Hills, South Dakota is estimated to be 267,806 acres with a total estimated precipitation-only recharge of 14,406 acre-feet per year (Medler & others, 2025). This estimate does not account for leakage from underlying aquifers in areas that were not included in the study area (Medler & others, 2025).

The Inyan Kara aquifer also receives recharge from inflow of groundwater from adjacent aquifers when the hydraulic head of Inyan Kara aquifer is lower than adjacent aquifers (Lobmeyer, 1985). Bredehoeft & others (1983) attempted to model flows between the different aquifers. The model estimated that approximately 22.7 cfs or 16,000 acre-feet per year flows from the Madison group to the Inyan Kara aquifer. It should be noted the Madison Group as described in Bredehoeft & others (1983) describes a portion of the Madison Group primarily in eastern South Dakota where it, the Inyan Kara Group, and the Dakota-Newcastle sandstone, can blend together at the eastern extents of the Madison and Inyan Kara groups. In the Black Hills area, the Madison Group is geologically separated from the Dakota-Newcastle Sandstone described in Bredehoeft & others (1983) by several aquifers and impermeable shales, some of which were lumped into the Madison Group description in Bredehoeft & others (1983) (Fahrenbach & others, 2010). While the Bredehoeft & others (1983) models rely on estimates of recharge to underlying aquifers which are lower than those from newer studies (Medler & others, 2025), this is currently the best reasonably available estimate of recharge to the Inyan Kara aquifer from underlying aquifers. Collectively, the estimated average annual recharge to the Inyan Kara aquifer in South Dakota is 30,406 acre-feet per year (Bredehoeft & others, 1983; Medler & others, 2025).

Discharge

Discharge from the Inyan Kara aquifer is from leakage to adjacent aquifers or hydrologically connected surface water features, regional groundwater outflow east of the Black Hills, evapotranspiration where the aquifer is at or near land surface, uncontrolled flowing wells, and well withdrawals (Driscoll and Carter, 2001; Water Rights, 2026c). It is not currently known how much water is being discharged from uncontrolled wells. The impermeable Skull Creek Shale separates the Inyan Kara aquifer from the overlying Dakota formation except in eastern South Dakota where the shale is not present, and water in the Inyan Kara aquifer can flow into the Dakota aquifer (Fahrenbach & others, 2010; Bredehoeft & others, 1983).

There are currently 215 active water rights/permits appropriating water from the Inyan Kara aquifer, one future use permit reserving water, and two other water permit application (Nos. 2904-2 & 2906-2) to appropriate water from the Inyan Kara aquifer (Water Rights, 2026c). Additionally, Water Permit Application No. 2686-2 for Powertech (USA), Inc., is being held in abeyance pending action on federal permits and proposes to appropriate 274.2 acre-feet per year. Future Use Permit No. 1780-2 for the Town of New Underwood reserves 142 acre-feet per year. For the hydrologic budget, it will be assumed that water reserved by the future use permit and the proposed appropriation by Application No. 2686-2 will be fully developed.

This application proposes to use 58.6 acre-feet of water in addition to what is currently authorized by Water Permit No. 1968-3 (29 acre-feet). Water Permit Application Nos. 2904-2 & 2906-2 proposes to appropriate 76 acre-feet of water. Altogether, this and the other two water permit applications, if approved, will withdrawal approximately 135 acre-feet of water from the Inyan Kara aquifer (Water Rights, 2026c).

Of the 215 active water rights/permits, 199 are primarily for a non-irrigation use. Of the 199 water rights/permits that are for a non-irrigation use, 15 are currently used for large concentrated animal feeding operations (CAFOs). This information was found by searching the SD DANR Livestock Services permitting database (2026). The annual use for these permits was estimated by multiplying the number of permitted animals by the average daily use for each type of animal permitted (Table 1) (Meehan & others, 2021; Water Rights, 2026c). Water Permit No. 8607-3 is an active feedlot but is not included on Table 1 as the permit holder is required to report to the Chief Engineer and the estimated use will be quantified with those water rights/permits instead. The total estimated annual use for large CAFO water rights/permits using the above method is 1,432 acre-feet per year.

Table 1. Estimated annual water use for active Inyan Kara CAFO water rights/permits (CAFO Permitting Database, 2026; Water Rights, 2026c).

Permit No.	Status	Name	County	Authorized Diversion Rate (cfs)	Annual Limit (ac-ft/yr)	Estimated Livestock Needs (ac-ft/yr)	Estimated Use (ac-ft/yr)
2178-2	LC	Fall River Feed Yard LLC	Fall River	0.62	449	280	280
4965-3	LC	Dakota Feeding Company LLC	Sully	0.33	239	168	168
5879-3	LC	Danbred Production Partnership	Sully	0.71	515	101	101
5890-3	LC	Evergreen Colony	Faulk	0.14	101	189	101
6011-3	LC	Plainview Colony Httm	Edmunds	0.22	159	135	135
6091-3	PE	Brentwood Colony	Faulk	0.10	72	58	58
6128-3	LC	Deerfield Httm Brethren	Edmunds	0.27	196	70	70
6257-3	PE	Thunderbird Colony	Faulk	0.20	145	149	145
6376-3	LC	LDL Cattle Company	Edmunds	0.22	159	112	112
6377-3	LC	LDL Cattle Company	Edmunds	0.27	196		
6619-3	PE	PJ Werdel & Sons	Hand	0.33	239	112	112
6851-3	LC	Todd Cowan	Hyde	0.15	109	46	46
7034-3	LC	Vogel & Sautner Farms	Pennington	0.12	89	45	45
7098-3	LC	Mike & Jessie Fuller	Sully	0.04	29	43	29
7209-3	LC	Paul Oberlitner	Pennington	0.04	29	62	29
LC: Licensed Water Right; PE: Water Permit			Total (acre-feet/year):		2,726	1,569	1,432

Of the 199 active water rights/permits that are for a non-irrigation use, 12 are currently known by DANR to purchase water from a rural water system, are supplied by another municipality, or maintain their wells on standby or backup use, in accordance with ARSD 74:02:01:37.02 (Friedeman and Hullinger, 2025; Water Rights, 2026c). Past practice of the Water Rights Program has been to assume negligible use for these water rights/permits. Table 2 below lists the 12 water rights/permits that will be assumed to use zero acre-feet of water per year. Water Right No. 6735-3 for the City of Eureka purchases 74% of their water from WEB (Drinking Water Program, 2026). The remaining 26% is pumped locally and will contribute to the hydrologic budget with the other non-irrigation water rights/permits in Table 5.

Table 2. Non-irrigation water rights/permits currently known to be served by another system or maintain wells for standby/backup and are assumed to have negligible use (Drinking Water Program, 2026; Water Rights, 2026c).

Permit No.	Status	Name	Use Type	Authorized Diversion Rate (cfs)	Served by/ Current Use:
1360-2	LC	Aladdin Investments Inc	SHD	0.15	Supplied by Rapid City
2224-3	LC	Sunshine Acres Water System	SHD	0.22	Mid Dakota RWS
2279-3	LC	Camelot Land	SHD	0.22	Supplied by City of Pierre
2442-2	LC	Rainbow Water Co Inc	SHD	0.09	Supplied by Rapid City
473-1	LC	Town of Fruitdale	MUN	1	Butte-Meade RWS
595-3	LC	City of Onida	MUN	1.11	Mid Dakota RWS
1198-3	LC	Town of Mound City	MUN	0.17	WEB RWS
1647-2	LC	Town of Quinn	MUN	0.2	West River/Lyman Jones RWS
1712-3	LC	City of Ipswitch	MUN	0.19	WEB RWS
2263-2	LC	Town of Belvidere	MUN	0.17	West River/Lyman Jones RWS
1195-1	LC	American Colloid Company	IND	0.022	Backup water supply
1338-1	LC	Black Hills Petrified Forest	COM	0.03	Maintained on standby
LC: Licensed Water Right, SHD: Suburban Housing Development, MUN: Municipal; IND: Industrial; COM: Commercial					

The DANR Drinking Water Program requires public water systems to report their annual average production rate. The reported average production in gallons per day (found on their drinking water annual report) can be converted to acre-feet per year for a typical annual use estimate. This data is only being used for the water rights/permits that are not required to report annual use to the Chief Engineer and, if the Inyan Kara aquifer is their only source of water. Of the 197 active water rights/permits that are for a non-irrigation use, 13 water rights meet the above criteria to use this data for the budget. Table 3 lists those water rights that had their use quantified with data from the Drinking Water Program annual report. The total estimated use from these 13 water rights/permits is approximately 262 acre-feet per year.

Table 3. Typical use for public water systems that had their average annual use quantified using the DANR Drinking Water Program production rate data (Drinking Water Program, 2026; Water Rights, 2026c).

Permit No.	Name	Status	Use Type	Authorized Diversion Rate (cfs)	Priority Date	Estimated Use (acre-feet/year)
1793-1	Autumn Meadows Sanitary District	LC	SHD	0.17	05/13/2003	5
716-1	City of Newell	LC	MUN	0.44	09/27/1963	50
731-1	City of Newell	LC	MUN	0.44	06/10/1964	
1597-1	Crooked Oaks Canyon HOA	LC	SHD	0.10	03/22/1994	5
2448-2	Heartland Country Ranchettes	LC	SHD	0.089	10/04/2000	7
1861-1	Horseshoe Acres HOA	LC	SHD	0.17	04/20/2006	16
1278-2	Lakeside Water Users District	LC	RWS	0.50	07/21/1975	68
1656-1	Lofty Pines HOA	LC	SHD	0.085	01/02/1998	5
2268-2	Prairie Acres LLC	LC	SHD	0.22	03/09/1993	22
794-2	Town of Buffalo Gap	LC	MUN	0.19	03/11/1963	13
660-2	Town of New Underwood	LC	MUN	0.45	03/03/1961	55
1947-2	Town of New Underwood	LC	MUN	0.41	06/03/1981	
366-1	Town of Nisland	LC	MUN	0.15	01/01/1939	17
LC: Licensed Water Right, SHD: Suburban Housing Development, MUN: Municipal; RWS: Rural Water System					TOTAL:	262

There are 45 non-irrigation water rights/permits that are required to report their annual usage from the Inyan Kara aquifer to the DANR-Water Rights Program (Water Rights, 2026c and 2026f). Of the 45 water rights/permits, 24 have withdrawn a consistent volume from the Inyan Kara aquifer each year. As such, the average annual withdrawal rate estimated for these water rights/permits was the reported volume of water withdrawn by these users averaged over the respective period of reported record for each water right/permit (Water Rights, 2026c and 2026f) (Table 3). The remaining 21 non-irrigation water rights/permits required to report their annual usage have had less consistent withdrawals over their respective period of record or are still undergoing development of their permit (Water Rights, 2026c and 2026f). The average annual withdrawal rate estimated for these water rights/permits was assumed to be their entire respective annual volume limitation. Overall, the average annual withdrawal rate for the Inyan Kara non-irrigation water rights/permits that are required to report their annual volume withdrawn (to the Water Rights Program) is approximately 3,870 acre-feet per year (Table 3).

Table 4. Annual estimated withdrawals from water rights/permits required to report to the Chief Engineer (Water Rights 2026c and 2026f).

Permit No.	Name	Status	Use Type	Authorized Diversion Rate (cfs)	Priority Date	Annual Volume (acre-feet/year)	Estimated Use (acre-feet/year)
1826-1	Golden Valley Water Company LLC	LC	SHD	0.267	09/01/2004	N/A	20
1837-1	Guy Mann (Prairie Haven)	LC	SHD	0.22	02/28/2005	N/A	4
1846-1	Dennis or Anna Mae Beckham	LC	SHD	0.1	05/26/2005	N/A	5
1857-1	Shade Valley Inc	LC	COM	0.33	03/03/2006	N/A	1
1874-1	Viewfield Rural Water Assoc.	LC	RWS	0.212	01/03/2007	N/A	16
1898-1		LC	RWS	0.394	11/14/2007	N/A	33
1903-1	Castle Rock Group	LC	DOM	0.11	05/19/2009	N/A	16
1906-1	City of Sturgis	LC	MUN	0.222	08/21/2009	N/A	3
1958-1		LC	MUN	0.088	04/11/2016	8.1	
1920-1	Elk Valley Ranchettes Homeowners Assoc.	LC	SHD	0.1	01/24/2011	N/A	7
1968-1	Venekamps LLC	PE	SHD	0.11	04/27/2017	29	29
1983-1	Continental Resources	PE	IND	0.5	07/10/2018	360	360
1989-1	Luff Exploration Company	PE	IND	0.1	04/09/2019	58.8	59
2165-2	Tightline Lake Estates Homeowners Assoc. Inc.	LC	COM, SHD, REC, DOM	0.07	02/19/1991	N/A	9
2285A-2	West River - Lyman Jones	LC	RWS	0.56	05/17/1993	N/A	128
2464-2		LC	RWS	0.76	07/26/2011	360	132
2465-2		LC	RWS	1	07/26/2011	360	173
2797-2		PE	RWS	1	04/01/2019	455	455
2538-2	JKRK Properties LLC - Timberwood Park	PE	SHD	0.244	08/30/2004	N/A	16
2543-2	Southern Black Hills Water System	LC	SHD	0.19	09/30/2004	N/A	17
2752-2		PE	RWS	0.33	04/25/2016	170	170
2752A-2		PE	RWS	0	04/25/2016	0	
2754-2	Steve Simunek	LC	COM	0.1	05/31/2016	N/A	16
2550-2	Town of Hermosa	LC	MUN	0.22	01/25/2005	162	52
2596-2	City of Wall	LC	MUN	0.6	07/24/2006	261	148
2601-2	Grandview Land LLC	LC	SHD	0.33	09/01/2006	206	2
2622-2	Owanka Rural Water Assoc.	LC	RWS	0.39	10/09/2007	N/A	23
2635-2	Fall River Water Users District	LC	SHD	0.1	07/17/2008	N/A	12
2819-2		PE	RWS	0.09	06/01/2021	24.6	25
2778-2	Western Construction Inc	PE	COM	0.17	11/13/2017	31	31
2832-2	Reel Simple LLC	PE	WDS	0.044	11/08/2021	10	10
8197-3	Aberdeen Farm LLC	PE	COM	0.16	01/29/2016	72.1	72

Permit No.	Name	Status	Use Type	Authorized Diversion Rate (cfs)	Priority Date	Annual Volume (acre-feet/year)	Estimated Use (acre-feet/year)
8197A-3	Mina North LLC	PE	WDS, RWS, COM, GEO	0	01/29/2016	0	0
8299-3	Aberdeen Energy LLC	PE	IND	1.33	09/28/2018	968	968
8420-3	Vogel Farms PTR	PE	GEO	0.12	01/28/2020	88.7	89
8607-3	Spring Creek Hutterian Brethren Inc	PE	COM, DOM	0.22	02/15/2022	100	100
1996-1	Dylan Gingras	PE	SHD	0.133	04/14/2020	48	48
1999-1	Rafter Properties LLC	PE	WDS	0.17	07/23/2020	74	74
2841-2	Hwy 79 LLC	PE	COM, WDS	0.89	02/18/2022	217.9	218
1855-1	Wink Cattle Co	LC	COM, DOM	0.087	01/26/2006	N/A	20
1975-1		PE	COM, DOM	0.069	02/20/2018	N/A	
1975A-1		PE	COM, DOM	0	12/03/2018	N/A	
2830-2	Weinreis Brothers	PE	COM	0.33	10/04/2021	160	160
8635-3	Big Watt Digital SD LLC	PE	COM	0.89	05/09/2022	76.7	77
8972-3	Cheryl E & Erik L Nelson	PE	REC, FWP	0.1	07/22/2025	72.4	72
LC: Licensed Water Right; PE: Water Permit; RWS: Rural Water System; SHD: Suburban Housing Development; DOM: Domestic; MUN: Municipal; COM: Commercial; IND: Industrial; GEO: Geothermal; WDS: Water Distribution System						TOTAL:	3,870

The remaining 114 non-irrigation water rights/permits are not required to report to the Chief Engineer and do not meet the criteria to use production data reported to the Drinking Water Program. These water rights/permits are estimated for average annual use in one of two ways: water rights/permits limited by an annual volume are assumed to pump the entire volume, or water rights limited only by a diversion rate have historically been assumed to pump 60% of the time throughout the year at that rate. These are standard methods used by the Water Rights Program to estimate annual use by non-irrigation water rights/permits that do not have reported data (Water Rights, 2026c). The total estimated annual use for these remaining 105 non-irrigation water rights/permits is approximately 7,593 acre-feet per year.

Table 5. Summary of the Inyan Kara aquifer non-irrigation water rights/permits (not supplied by RWS, required to report, or operating a CAFO) with estimated annual use determined by their respective diversion rate or annual volume (Water Rights, 2026c)

Use Type	No. of Water Rights/Permits	Appropriation for Water Rights/Permits limited by Volume (acre-feet/year)	Appropriation for Water Rights/Permits limited by Diversion Rate (cfs)	Total Estimated Use (acre-feet/year)
RWS	13	N/A	2.657	1,154
SHD	20	N/A	3.145	1,366
REC	2	N/A	0.203	88
COM	34	121	3.29	1,550
DOM	13	N/A	1.43	621
FWP	6	48	0.40	222
GEO	2	N/A	0.24	104
INS	1	N/A	0.10	43
IND	7	N/A	0.846	368
MUN	15	N/A	4.71	2,046
WDS	1	30	N/A	30
TOTAL:	114	199	17	7,593
RWS: Rural Water System, SHD: Suburban Housing Development, REC: Recreation, COM: Commercial, DOM: Domestic, FWP: Fish & Wildlife Propagation, GEO: Geothermal, INS: Institutional, IND: Industrial, MUN: Municipal, WDS: Water Distribution System				

There are 16 water rights/permits currently authorized to appropriate water from the Inyan Kara aquifer for irrigation use (Water Rights, 2026c). Generally, irrigation water rights/permits are required to report their annual water usage. The average annual withdrawal rate for irrigation appropriations for the Inyan Kara aquifer (that have reported) over the period of record (1982-2024) is approximately 81.7 acre-feet per year (Table 6) (Water Rights, 2026a). To reflect the current development of irrigation water rights/permits more accurately, the estimated average annual withdrawal rate for the irrigation appropriations from 2016 to 2025 is approximately 110 acre-feet per year (Table 6) (Water Rights, 2026a). Currently, 11 out of the 16 irrigation water rights/permits are required to report their annual water usage. Table 6 lists ten water rights/permits as reporting as Water Permit No. 8334-3 is still within their respective construction period and has not reported any withdrawals from the aquifer at this time (Water Rights, 2026a and 2026c). The remaining five irrigation water rights/permits and Water Permit No. 8334-3 that are not required to report, are still within their construction period, or have not reported any withdrawals from the aquifer at this time are assumed to apply twelve inches of water (compared to maximum allowable volume of two acre-feet per year) over the 529 acres permitted/licensed, which results in a withdrawal rate of approximately 529 acre-feet per year (Water Rights, 2026c). Generally, irrigators in South Dakota apply less than one foot of water per acre per year. However, to account for the fluctuation in wet and dry cycles from year to year, the one foot of water per acre per year application rate will be used to somewhat overestimate the annual withdrawal rate for these irrigation water rights/permits. The collective estimated average annual withdrawal rate for the irrigation appropriations from 2016 to 2025 (110 acre-feet/year), plus the estimated average annual withdrawal rate for the irrigation water

permits still within their construction period (529 acre-feet/year), is approximately 639 acre-feet/year (Table 6) (Water Rights, 2026a and 2026c).

Table 6. Reported historic irrigation use from the Inyan Kara aquifer (Water Rights, 2026a).

Year	No. of Permits	Reported Use (acre-feet)	Year	No. of Permits	Reported Use (acre-feet)
1982	5	3	2006	8	136
1983	7	33	2007	8	142
1984	8	5	2008	9	131
1985	8	245	2009	9	99
1986	7	4	2010	9	113
1987	6	38	2011	9	130
1988	6	54	2012	9	189
1989	8	19	2013	9	146
1990	8	34	2014	9	112
1991	9	25	2015	7	106
1992	9	26	2016	7	178
1993	9	36	2017	8	184
1994	9	31	2018	9	100
1995	10	37	2019	10	71
1996	8	20	2020	11	95
1997	8	6	2021	11	114
1998	8	21	2022	10	97
1999	6	14	2023	10	97
2000	6	25	2024	10	92
2001	6	53	2025	11	74
2002	7	88	Max.	11	245
2003	6	112	Min.	5	3
2004	7	143	Average (1979-2025)	8	82
2005	7	133	Average (2016-2025)	10	110

There are domestic wells completed into the Inyan Kara 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 not considered to be a significant portion of the hydrologic budget. Additionally, with the development of rural water systems in some areas where the Inyan Kara aquifer is 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 Inyan Kara aquifer.

There is likely a number of wells completed into the Inyan Kara aquifer that do not have a well completion report on file with the DANR-Water Rights Program. The current status of many of these wells is unknown and could range from controlled and being put to beneficial use to uncontrolled with some beneficial use. There are also a number of uncontrolled flowing Inyan Kara aquifer wells that flow to waste. The volume of water being discharged through uncontrolled flowing wells from the Inyan Kara aquifer has not, and likely cannot, be accurately quantified due to the location of all such wells not being known. The Water Management Board

has previously determined, for the Dakota aquifer, water being discharged through uncontrolled flowing wells is not a beneficial use and does not constitute appropriation pursuant to SDCL 46-6-3.1 (Water Rights, 1987). Since discharge from uncontrolled flowing wells is likely to continue until artesian head pressure in the aquifer declines to being at or below ground surface, continuing to allow beneficial pumping to occur reduces the amount of water being discharged through uncontrolled flowing wells. Therefore, the Water Management Board has allowed continued development from the Dakota aquifer. This conclusion likely applies to the Inyan Kara aquifer as well.

Hydrologic Budget Summary

The estimated average annual recharge to the Inyan Kara aquifer is approximately 30,406 acre-feet per year (Medler & others, 2025; Bredehoeft & others, 1983). Table 7 below is a summary of estimated withdrawals from active Inyan Kara water rights/permits. The estimated average annual withdrawal from the Inyan Kara aquifer is approximately 14,347 acre-feet. The Inyan Kara aquifer is a major bedrock aquifer in South Dakota and is estimated to hold 84.7 million acre-feet in storage (Carter & others, 2002). Based on the hydrologic budget, there is a reasonable probability unappropriated water is available from the Inyan Kara aquifer for the proposed appropriation.

Table 7. Summary of annual withdrawal estimates for the Inyan Kara aquifer (Water Rights, 2026a, 2026c, 2026d; CAFO Permitting Database, 2025; Drinking Water Program, 2026; Friedeman and Hullinger, 2025).

Type of Withdrawal	No. of Permits	Estimated Use (acre-feet/year)
Non-Irrigation, CAFO	15	1,432
Non-Irrigation, served by another system or on standby	12	0
Non-Irrigation, Drinking Water Program Data	13	262
Non-Irrigation, Report to the Chief Engineer	45	3,870
Non-Irrigation, the Remaining Water Rights/Permits	114	7,593
Irrigation, (including non-reporting permits)	16	639
Active Total Withdrawal:	215	13,796
Application No. 2686-2	1	274
Future Use Permit No. 1780-2	1	142
Pending Applications (2904-2, 2050-1, & 2906-2)	3	135
Total Withdrawal:	219	14,347

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 to the aquifer.

The DANR-Water Rights Program monitors nine observation wells completed into the Inyan Kara aquifer. The observation wells provide data on how the aquifer reacts to regional climatic conditions and local pumping. The closest observation wells to the diversion point are PE-95E

(approximately 3.7 miles southwest), PE-95B (approximately 8.4 miles southwest), and MD-99A (approximately 8.9 miles northwest) (Water Rights, 2026b). The water level elevation for these observation wells are displayed in Figure 1 (Water Rights, 2026b). It should be noted that observation well MD-99A has not been recently measured due to a leak and attempts contracting a licensed driller for repair have been unsuccessful. There is one other observation well located more than 170 miles northeast of the diversion point in Eastern South Dakota. The water levels of the eight observation wells located in the Black Hills have a stable or rising trend in their periods of records.

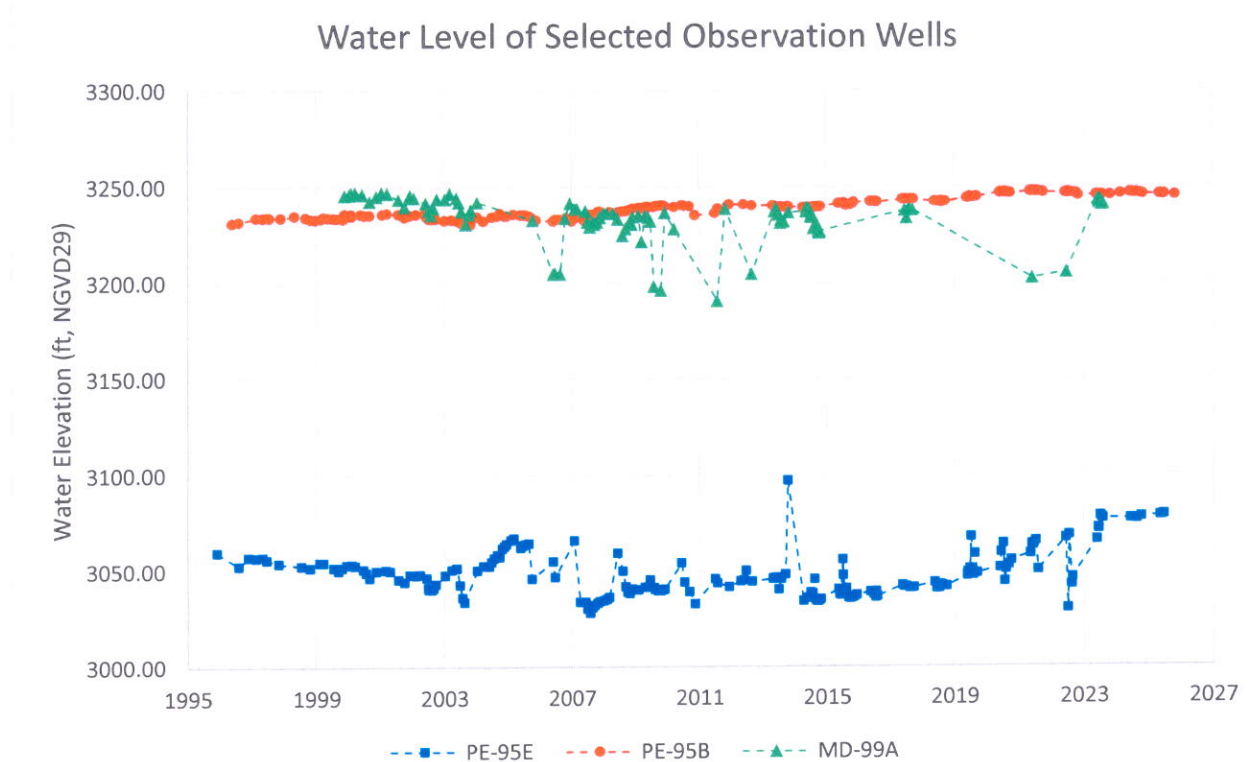


Figure 1. A hydrograph showing the elevation of water levels of observation wells PE-95E, PE-95B, and MD-99A (Water Rights, 2026b)

Figure 1 shows the water level readings on the hydrographs for observation wells PE-95B, PE-95E, and MD-99A have a stable to increasing water levels over their respective periods of record. The hydrographs for these observation wells were compared to hydrographs for other observations wells completed into the Inyan Kara aquifer in the Black Hills and each displayed a generally similar trend as shown on the hydrographs displayed in Figure 2 (Water Rights, 2026b).

Overall, the effects of climatic conditions are clear on the hydrographs because water levels are rising during wetter periods (early spring snowmelt and precipitation) and slowly declining to a stable water level during drier periods (NOAA, 2026). The hydrographs show the aquifer consistently recovers seasonally and the stable to rising water levels in observation wells show

the aquifer is not being stressed by pumping. Aquifer recovery indicates that climatic conditions and therefore, recharge to and natural discharge from the aquifer govern changes in the water level of the Inyan Kara aquifer rather than pumping. That means recharge to and natural discharge from the aquifer greatly exceeds withdrawals. By recognizing that both recharge to and natural discharge from an aquifer can be captured for pumping, the observation well hydrographs demonstrate there is a reasonable probability unappropriated water is available for the proposed appropriation.

POTENTIAL FOR UNLAWFUL IMPAIRMENT OF EXISTING WATER RIGHTS:

The closest water right/permit (not held by the applicant) to the proposed diversion point is Water Right No. 2832-2 which is held by the Reel Simple LLC. The diversion point for Water Right No. 2832-2 is located approximately 2.7 miles southwest from the proposed application site (Water Rights, 2026c). There are domestic wells on file with the DANR-Water Rights Program that are completed into the Inyan Kara aquifer, with the closest domestic well on file (not held by the applicant) approximately 0.9 miles southwest of the proposed diversion point based on the location identified by the well driller on the well completion report submitted by the driller (Water Rights, 2026d). There could potentially be other domestic wells completed into the Inyan Kara aquifer near the diversion point that are not on file with the DANR-Water Rights Program.

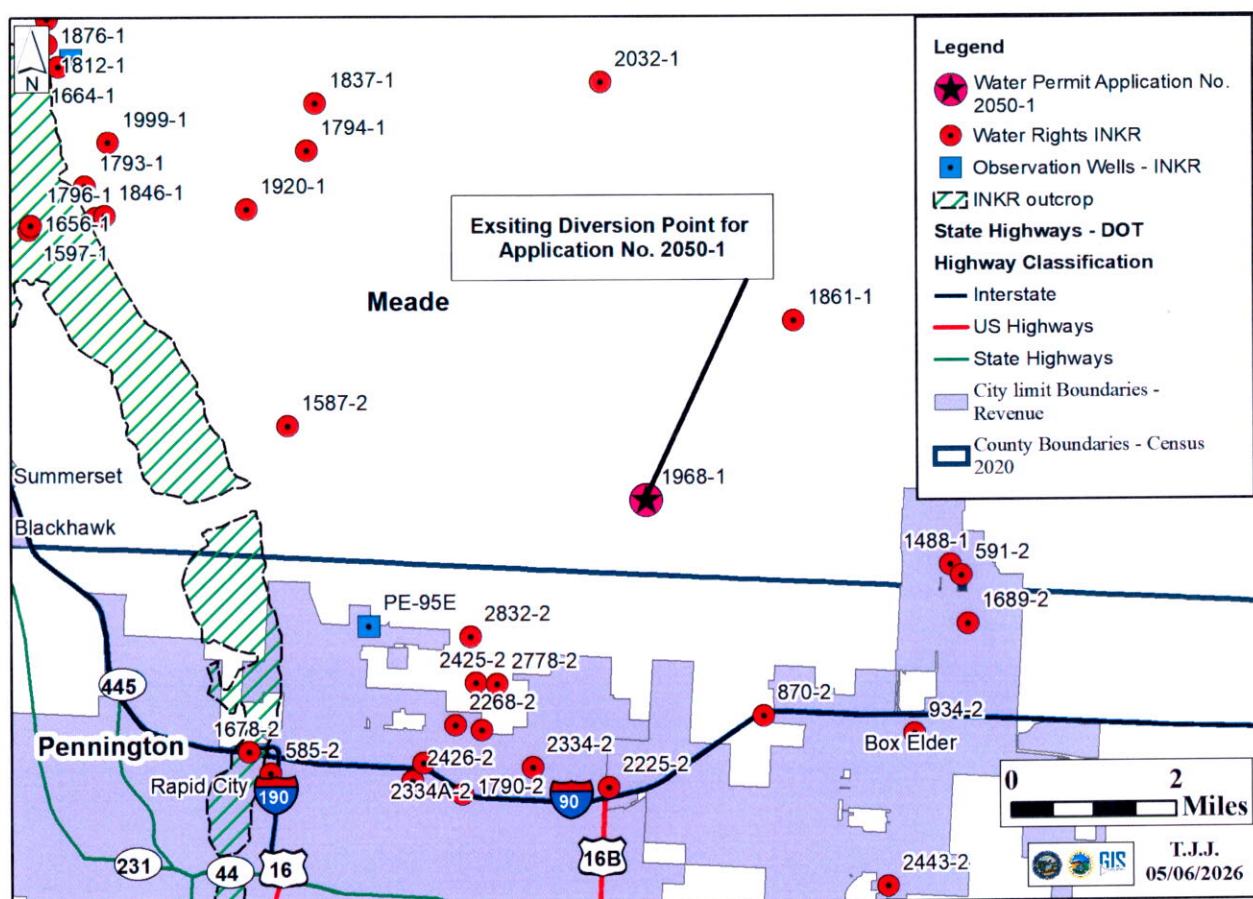


Figure 2. Location of the existing well proposed to be used by Water Permit Application No. 2050-1 (Water Rights, 2026d), Inyan Kara outcrop in the Black Hills in South Dakota (Martin & others, 2004), with Inyan Kara aquifer water rights/permits and observation wells within approximately nine miles (Water Rights, 2026b & 2026c)

Table 4. List of water rights/permits shown in Figure 3 (Water Rights, 2026c).

Permit	Name/Business	Priority	Status	Use Type	CFS	Acres
1488-1	City of Box Elder	04/10/1990	License	SHD, COM	0.20	0
1587-2	Weston Heights Home Owners	05/12/1977	License	SHD	0.11	0
1678-2	Harmony Hgts. Water Co	07/13/1979	License	SHD	0.04	0
1689-2	City of Box Elder	12/19/1979	License	MUN	0.36	0
1790-2	Berry Patch Campground	10/09/1981	License	COM	0.17	0
2051-2	Cvrc Limited Partnership	12/18/1987	License	COM	1.00	0
2225-2	Flying J Travel Plaza	10/05/1998	License	COM	0.155	0
2268-2	Prairie Acres LLC	03/09/1993	License	SHD	0.22	0
585-2	T. G. Scholl	03/04/1960	License	SHD	0.11	0
591-2	City of Box Elder	03/31/1960	License	COM	0.18	0
870-2	City of Box Elder	12/27/1965	License	MUN	0.18	0
934-2	City of Box Elder	09/21/1967	License	MUN	0.24	0
1597-1	Crooked Oaks Canyon Homeowners Assn.	03/22/1994	License	SHD	0.10	0
2334-2	Croell Inc	03/24/1995	License	RWS	0.067	0
1656-1	Lofty Pines Homeowners	01/02/1998	License	SHD	0.085	0
1664-1	Buffalo Ridge Water Users	03/16/1998	License	SHD	0.10	0
2426-2	Pirates Cove Rapid City	07/12/1999	License	IRR, COM	0.067	1.45

Report on Water Permit Application No. 2050-1

Permit	Name/Business	Priority	Status	Use Type	CFS	Acres
2425-2	Countryside Estates LLC	07/12/1999	License	SHD	0.111	0
1700-1	Elk Creek 7 Water Association	11/08/1999	License	SHD	0.111	0
2443-2	Carlton Peterson	07/07/2000	License	IRR, DOM	0.07	4.8
1793-1	Autumn Meadows Sanitary District	05/13/2003	License	SHD	0.17	0
1794-1	Vita Royal Products Inc	05/02/2003	License	COM	0.035	0
1796-1	Dennis or Anna Beckham	06/04/2003	License	SHD, COM	0.10	0
1799-1	Deep Water LLC	10/14/2003	License	SHD	0.107	0
1812-1	RDT Water Association LLC	02/06/2004	License	SHD	0.078	0
1826-1	Golden Valley Water Company LLC	09/01/2004	License	SHD	0.267	0
1837-1	Guy Mann	02/28/2005	License	SHD	0.22	0
1846-1	Dennis or Anna Beckham	05/26/2005	License	SHD, DOM	0.10	0
1861-1	Horseshoe Acres Water Assoc. Inc	04/20/2006	License	SHD	0.17	0
1876-1	Elk Creek 7 Water Association	01/23/2007	License	SHD	0.08	0
1920-1	Elk Valley Ranchettes Homeowners Assn.	01/24/2011	License	SHD	0.10	0
1968-1	Venekamps LLC	04/27/2017	License	WDS	0.11	0
2778-2	Western Construction Inc	11/13/2017	Permit	COM, IND	0.17	0
1999-1	Rafter Properties LLC	07/23/2020	Permit	WDS	0.17	0
2832-2	Reel Simple LLC	11/08/2021	Permit	WDS	0.044	0
2032-1	Elk Creek Developers LLC	06/02/2023	Permit	WDS	0	0
2334A-2	Croell Inc	03/24/1995	Permit	IND	0.067	0
RWS: Rural Water System; SHD: Suburban Housing Development; DOM: Domestic; MUN: Municipal; COM: Commercial; IND: Industrial; WDS: Water Distribution System; IRR: Irrigation						

The Inyan Kara aquifer is primarily under confined conditions (Water Rights, 2026b and 2026d). In a confined aquifer, drawdown from a pumping well can extend some distance from the well. 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). Reviewing the complaint files for Pennington and Meade Counties do not show any record of well interference complaints for Inyan Kara aquifer wells (Water Rights, 2026e). When considering the statutes (SDCL 46-1-4 and 46-6-6.1), rules (ARSD 74:02:04:20 (6) and (7)) and the saturated thickness of the Inyan Kara aquifer, the existence of these wells for a number of years, and lack of well interference complaints in Pennington and Meade Counties, any drawdown created from the 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.

SPECIAL CONSIDERATION: WELL CONSTRUCTION

Any additional or replacement wells that may be constructed for this proposed appropriation must meet the adequate well construction standards as defined in ARSD 74:02:04:20, specifically defined in 74:02:04:20(6):

"A well constructed or rehabilitated to allow various withdrawal methods to be used, to allow the inlet to the pump to be placed not less than 20 feet into the saturated aquifer or formation material when the well is constructed, or to allow the pump to be placed as near to the bottom of the aquifer as is practical if the aquifer thickness is less than 20 feet."

The alternative well construction requirements for certain Inyan Kara aquifer wells (74:02:04:36) are not permitted for appropriative uses. Furthermore, any future additional or replacement wells shall meet the adequate well construction standard as defined in ARSD 74:02:04:20.

CONCLUSIONS:

1. Water Permit Application No. 2050-1 proposes to appropriate up to an additional 58.6 acre-feet of water annually and increase the authorized maximum diversion rate by an additional 0.23 cfs, to what is already authorized by Water Right No. 1968-1, utilizing the existing well. Water Right No. 1968-1 authorizes the appropriation of up to 29 acre-feet of water annually at a maximum pump rate of 0.11 cfs from one existing well completed into the Inyan Kara aquifer (2,170 feet deep) located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 10 for use in a water distribution system serving a housing development located in the N $\frac{1}{2}$ NW $\frac{1}{4}$ Section 10; all in T2N-R8E. This application also proposes expanding the area of use to

include development in the E ½ Section 9 and W ½ NE ¼ Section 10; all in T2N-R8E. This site is located in Meade County, approximately three miles north of Rapid City, SD.

2. This application, if approved, and Water Right No. 1968-1 would authorize a combined total appropriation of up to 87.6 acre-feet annually at a maximum diversion rate of 0.34 cfs.
3. Based on observation well data and the hydrologic budget, there is a reasonable probability that unappropriated water is available from the Inyan Kara aquifer to supply the proposed appropriation.
4. There is a reasonable probability that the diversion by Water Permit Application No. 2050-1 will not unlawfully impair adequate wells for existing water rights/permits and domestic uses.
5. If this application is approved, any future replacement wells or new wells must meet the adequate well definition and cannot be constructed using the alternative well construction standard in ARDS 74:02:04:36.



Tyler Jensen
Natural Resources Engineer II
SD DANR - Water Rights Program

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Water Rights Program - File Documentation

NAME: John Kinsella

ADDRESS: Venekamps LLC, 22478 Bennett Road, Rapid City SD 57701

DATE: March 10, 2026

RE: Water Permit Application

COMMENTS:

Spoke with John regarding the Venekamps application. He stated that he was in the process of buying Venekamps LLC from his uncle Willis Venekamps. I informed him that he could wait until he purchased the property to avoid a notice of transfer form/fee once he bought the property. However, he indicated that he probably buy it in a couple of years and wanted to proceed with the application.

Rachel Rodriguez

Rachel Rodriguez
Water Rights Program
605 773-3352

rachel.rodriguez@state.sd.us

Rodriguez, Rachel

From: Rodriguez, Rachel
Sent: Tuesday, March 10, 2026 1:39 PM
To: 'Pineview'
Subject: RE: [EXT] Well Application

Good afternoon,

I tried to call, and your voicemail isn't set up to take message. I have a question about the attachments. They appear to be exactly the same. Was one attachment supposed to be different document? Also, if you are in the process of buying the property and the name name to appear on the permit will be different from (Venekamps LLC), you may want to wait and avoid the \$50 transfer fee to change the permit to the new owner.

Thank you,

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



From: Pineview <rcpineview@gmail.com>
Sent: Monday, March 9, 2026 5:42 PM
To: Rodriguez, Rachel <Rachel.Rodriguez@state.sd.us>
Subject: Re: [EXT] Well Application

Rachel,

Please see the attached signed by Willis. I'm in the process of purchasing it. Willis is my uncle.

Thanks,

On Thu, Mar 5, 2026 at 2:12 PM Rodriguez, Rachel <Rachel.Rodriguez@state.sd.us> wrote:

Good afternoon,

I'm following up on the outstanding item, please see below.

Rodriguez, Rachel

From: Pineview <rcpineview@gmail.com>
Sent: Monday, March 9, 2026 5:42 PM
To: Rodriguez, Rachel
Subject: Re: [EXT] Well Application
Attachments: Well with Willis signature- Removed blank pages.pdf; Well with Willis signature- Removed blank pages.pdf

Rachel,

Please see the attached signed by Willis. I'm in the process of purchasing it. Willis is my uncle.

Thanks,

On Thu, Mar 5, 2026 at 2:12 PM Rodriguez, Rachel <Rachel.Rodriguez@state.sd.us> wrote:

Good afternoon,

I'm following up on the outstanding item, please see below.

Thank you,

Rachel Rodriguez

DANR | Program Assistant

Rachel.Rodriguez@state.sd.us



From: Rodriguez, Rachel
Sent: Wednesday, February 25, 2026 9:24 AM
To: Pineview <rcpineview@gmail.com>
Subject: RE: [EXT] Well Application

Good morning,

I'm just following up on the outstanding item. Please see below.

Thank you,

Rachel Rodriguez

DANR | Program Assistant

Rachel.Rodriguez@state.sd.us



From: Rodriguez, Rachel
Sent: Thursday, February 19, 2026 9:49 AM
To: 'Pineview' <rcpineview@gmail.com>
Subject: RE: [EXT] Well Application

Good morning,

I noticed the signature on the application is not a member. A review of the Secretary of State's corporation website finds Venekamps LLC listed, see attachment. John Kinsella is not listed as one of

its members. DANR will need the application to be signed by a listed partner or a statement of authority that the person signing the application has the authority to act on behalf of Venekamps LLC on all matters involving the water permit application.

Thank you,

Rachel Rodriguez

DANR | Program Assistant

Rachel.Rodriguez@state.sd.us



From: Pineview <rcpineview@gmail.com>
Sent: Wednesday, February 18, 2026 3:45 PM
To: Rodriguez, Rachel <Rachel.Rodriguez@state.sd.us>
Cc: Dewell, Amanda <Amanda.Dewell@state.sd.us>
Subject: Re: [EXT] Well Application

Rachel,

I just got it paid.

Thanks,

On Wed, Feb 18, 2026 at 2:35 PM Rodriguez, Rachel <Rachel.Rodriguez@state.sd.us> wrote:

Good afternoon,

The application looks good, once I receive the fees I will begin processing your application.

Fees: \$700.00, you may pay by calling our Fiscal Office @ 605-773-5559, or by mailing a check (payable to SD water Rights), to:

DANR-Water Rights

523 E Capitol Ave

Pierre SD 57501

Thank you,

Rachel Rodriguez

DANR | Program Assistant

Rachel.Rodriguez@state.sd.us



From: Pineview <rcpineview@gmail.com>
Sent: Wednesday, February 18, 2026 12:15 PM
To: Dewell, Amanda <Amanda.Dewell@state.sd.us>
Cc: Rodriguez, Rachel <Rachel.Rodriguez@state.sd.us>
Subject: Re: [EXT] Well Application

Amanda/Rachel,

Please see the attached signed application with additional maps.

If anything else may be needed, please let me know.

Thanks,

On Tue, Feb 17, 2026 at 9:03 AM Dewell, Amanda <Amanda.Dewell@state.sd.us> wrote:

Perfect – please make sure you return the signed application and maps so Rachel (cc'd) can begin processing the application.

Amanda Dewell

DANR - Water Rights Program

Permitting Administrator

Main Phone: 605 773-3352

Website: danr.sd.gov



From: Pineview <rcpineview@gmail.com>
Sent: Tuesday, February 17, 2026 9:58 AM
To: Dewell, Amanda <Amanda.Dewell@state.sd.us>
Subject: Re: [EXT] Well Application

Amanda,

This looks great. I'll call in this morning and make payment. Appreciate your help with this.

Thanks,

On Wed, Feb 4, 2026 at 1:33 PM Dewell, Amanda <Amanda.Dewell@state.sd.us> wrote:

Take a quick look at this final draft. If you give it the “thumbs up” and add a signature, I’ll get it receipted in with the maps. All that would be left are the fees, which would total \$700.00, and could be paid over the phone by calling our Fiscal Office @ 605-773-5559, or by mailing a check (payable to SD water Rights), to:

DANR-Water Rights

[523 E Capitol Ave](#)

[Pierre SD 57501](#)

Amanda Dewell

DANR - Water Rights Program

Permitting Administrator

Main Phone: 605 773-3352

Website: danr.sd.gov



From: Casey Skillingstad <Casey.Skillingstad@AE2S.com>

Sent: Wednesday, February 4, 2026 1:58 PM

To: Dewell, Amanda <Amanda.Dewell@state.sd.us>; Pineview <rcpineview@gmail.com>

Subject: RE: [EXT] Well Application

Amanda,

The combined total of 150 gpm pumping rate is correct. But the annual volume should be increased. The current permit allows for 29 ac-ft/year. The goal of this application is to increase the annual volume by 58.6 acre-ft/year. This would result in a combined volume of 87.6 acre-ft/year.

Feel free to give me a call if you have any further questions.

Thanks,



Participate in the Utility Rate Survey ▶



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From: Dewell, Amanda <Amanda.Dewell@state.sd.us>
Sent: Wednesday, February 4, 2026 12:41 PM
To: Pineview <rcpineview@gmail.com>
Cc: Casey Skillingstad <Casey.Skillingstad@AE2S.com>
Subject: RE: Well Application

Not to beat a dead horse, but just to confirm, it is your goal for this application and WR No. 1968-1 to authorize a combined total of 150 gpm pump rate for 58.6 ac-ft/year?

Amanda Dewell

DANR - Water Rights Program

Permitting Administrator

Main Phone: 605 773-3352

Website: danr.sd.gov



From: Pineview <rcpineview@gmail.com>
Sent: Wednesday, February 4, 2026 11:34 AM
To: Dewell, Amanda <Amanda.Dewell@state.sd.us>
Subject: Fwd: [EXT] Well Application

Hey Amanda,

I think we got it resolved, but wanted to resend our revised application. We are hoping to capture a total of 150 gallons per minute.

Could I have you look over the attached before final submission?

Thanks,

----- Forwarded message -----

From: Casey Skillingstad <Casey.Skillingstad@ae2s.com>
Date: Mon, Jan 26, 2026 at 11:32 AM
Subject: RE: Well Application
To: Pineview <rcpineview@gmail.com>

John,

I think I figured out where Amanda's confusion was coming from. The amount of water claimed in CFS did not equal the 100 gpm that was being requested. Additionally, I think she thought the total volume (existing and new request) being requested was ~60 AF. I apologize for the confusion since I had previously provided those numbers. Attached is the application she provided with corrected numbers. I left a voicemail with Amanda to discuss the new permit vs amended permit application.

Feel free to call if you have any questions.

Thanks,

 **Casey Skillingstad, PE**
Project Engineer
Mobile: (605) 760-2220

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**UPDATE YOUR
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From: Pineview <rcpineview@gmail.com>
Sent: Monday, January 26, 2026 10:44 AM
To: Casey Skillingstad <Casey.Skillingstad@AE2S.com>
Subject: Fwd: Well Application

----- Forwarded message -----

From: **Dewell, Amanda** <Amanda.Dewell@state.sd.us>

Date: Wed, Jan 21, 2026 at 10:40 AM

Subject: RE: Well Application

To: Pineview <rcpineview@gmail.com>

If you're sure there will be no development into Pennington Co, you can strike that from the application. You can also revise the pump rate to 150 gpm, however, I would note that the figures you use from volume (ac-ft) and diversion rate (cfs/gpm) should be the MAXIMUM you will be using. If an inspection of the systems finds it was developed at a higher capacity, you'll be made to go through the application process all over to obtain authorization for the developed amount.

Ultimately, it's an application that has to be submitted by you, so I would want you to be comfortable with what you're asking for. 😊

Amanda Dewell

DANR - Water Rights Program

Permitting Administrator

Main Phone: 605 773-3352

Website: danr.sd.gov



From: Pineview <rcpineview@gmail.com>

Sent: Tuesday, January 20, 2026 11:39 AM

To: Dewell, Amanda <Amanda.Dewell@state.sd.us>

Subject: Fwd: [EXT] Well Application

Amanda,

I got confirmation it's nothing will be developed in Pennington county. They're looking at having a road to access the development, but that might change and come from Meade county. No water or buildings will be developed on Pennington county.

I talked to my engineer and we were hoping to get 120-150 GPM. If both applications are being added together, would it be best to revise mine for the 150 or just apply for 170 at first?

Thanks,

----- Forwarded message -----

From: **Dewell, Amanda** <Amanda.Dewell@state.sd.us>

Date: Thu, Jan 15, 2026 at 12:26 PM

Subject: RE: Well Application

To: Pineview <rcpineview@gmail.com>

John –

I've looked over the draft application you'd sent, along with the supplemental information. From what you provided I've put together a second version for you to review. If approved, this application + 1968-1 would authorize a combined pump rate of 170 gpm for a total annual volume of 60.5 ac-ft (19,713,985.5 gal). I also included Pennington Co since the southern part of the development appears to cross the county line (see attached map).

Do you want to look over this, make sure I'm understanding the needs of the project as laid out in the supplemental engineering report, and the designated area?

Thanks!

Amanda Dewell

DANR - Water Rights Program

Permitting Administrator

Main Phone: 605 773-3352

Website: danr.sd.gov



From: Pineview <rcpineview@gmail.com>
Sent: Tuesday, January 13, 2026 10:05 PM
To: Dewell, Amanda <Amanda.Dewell@state.sd.us>
Subject: [EXT] Well Application

Amanda,

It was nice talking with you this afternoon. Please see the attached application for the increase of water rights.

If you think anything needs adjusted, please let me know. My contact number is 605-415-5868.

Thanks,



**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.**

May 21, 2026

Venekamps LLC.
c/o Willis Venekamps
22478 Bennett Road
Rapid City SD 57701

Dear Mr. Venekamps:

Water Permit Application No. 2050-1 for water distribution system use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Faith Independent printed in Faith (Ph # 605 967-2161) and the Rapid City Journal printed in Rapid City (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. 2050-1 to Appropriate Water

Notice is given that Venekamps LLC., 22478 Bennett Road, Rapid City SD 57701, has filed an application for a water permit to appropriate up to 58.6 additional acre-feet of water annually and increase the authorized maximum diversion rate by an additional 0.23 cubic feet of water per second (cfs), to what is already authorized by Water Right No. 1968-1, utilizing the existing well. Water Right No. 1968-1 authorizes the appropriation of up to 29 acre-feet of water annually at a maximum pump rate of 0.11 cfs from one well completed into the Inyan Kara Aquifer (2,170 feet deep) located in the NE 1/4 NW 1/4 Section 10 for use in a water distribution system serving a housing development located in the N 1/2 NW 1/4 Section 10; all in T2N-R8E. This application also proposes expanding the area of use to include development in the E 1/2 Section 9 and W 1/2 NE 1/4 Section 10; all in T2N-R8E. This application, if approved, and Water Right No. 1968-1 would authorize a combined total appropriation of up to 87.6 acre-feet annually at a maximum diversion rate of 0.34 cfs. This site is located in Meade County, approximately three miles north of Rapid City SD.

Pursuant to SDCL 46-2A-2, the Acting Chief Engineer recommends APPROVAL of Application No. 2050-1 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. 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 June 8, 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 June 8, 2026.

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Published once at the total approximate cost of _

Rodriguez, Rachel

From: Rennai Pasia <leelegals@column.us>
Sent: Wednesday, May 20, 2026 3:48 PM
To: Rodriguez, Rachel; rcpineview@gmail.com
Subject: Re: [EXT] 2050-1 Venekamps - Public Notice

Hi there,

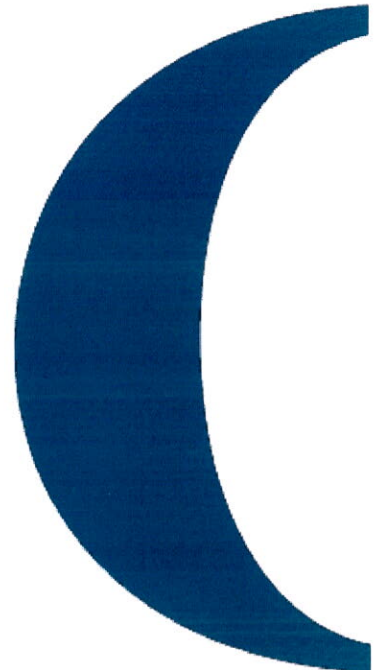
Your notice is scheduled to be published in the The Rapid City Journal on May 28, 2026.
Your Notice ID is: [WabTcx9a9C93v6z2DjOj](#)

You will be receiving a notification from Column Support with your proof. **Please be sure to review your proof to confirm all the information is correct.** If you don't see it, check your spam folder and any email restrictions you may have.

For the fastest and most reliable placement process, use [column.us](#) to quickly place notices yourself, get proofs, view pricing, and access your invoices and affidavits. Visit our [help center](#) for tips, or sign up for one of our [training webinars](#).

If you have any questions or concerns, please don't hesitate to let us know so we can look into it!

—
// Rennai



On May 20, 2026 at 12:59 PM EDT rachel.rodriguez@state.sd.us wrote:

Attached is a notice to be published on May 28, 2026.

Venekamps LLC., 22478 Bennett Road, Rapid City SD 57701, 605-415-5868, rcpineview@gmail.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



Rodriguez, Rachel

From: Rodriguez, Rachel
Sent: Wednesday, May 20, 2026 11:58 AM
To: Faith Ind
Subject: 2050-1 Venekamps - Public Notice
Attachments: 2050-1 public.short_final.docx; FORM8.FRM.doc

Attached is a notice to be published on May 27, 2026.

Venekamps LLC., 22478 Bennett Road, Rapid City SD 57701, 605-415-5868, rcpineview@gmail.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



(Title)

(Date Signed)

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Water Rights
Program

Continued from previous page
City Bar Sign –
Sandy Rasmussen –
Rasmussen asked about the Lone Tree Bar sign that is stored in the old firehall. She asked if it could be put up somewhere and utilized as it is too good of a sign to let just sit there. After some discussion, council encouraged Rasmussen to get more information to see if it's possible and feasible.

Building Permits –
Rick and Shandee Smith submitted a building permit to put up a privacy fence, which will be 8 ft. white steel. Foreman Collins has looked over the area, and it looks good. Hellekson made a motion, seconded by Brown to approve the building permit. Motion carried.

Brown made a motion, seconded by Grueb, to adjourn. Motion carried.

Carmen Lemmel,
Deputy Finance Officer

Levi Haefner, Mayor

Published May 27, 2026 at the approximate cost of \$95.29 and may be viewed free of charge at www.sdpublishnotices.com.

PUBLIC NOTICE
FAITH SCHOOL
DISTRICT 46-2
Destruction of Special
Education Records

Special Education records for students who graduated or left the district prior to July 1, 2021 will be destroyed after August 1, 2026. Identification will be required to obtain files. If the student is under the supervision of parent/guardian after the age of 21, proof of guardianship must be provided before files will be released. Anyone requiring copies of files must contact Darlene Kelly at the address listed below:

Faith School District
206 W 5th St.
P.O. Box 619
Faith, SD 57626
(605) 967-2152

Published May 20 & 27, 2026 at the approximate cost of \$20.10 and may be viewed free of charge at www.sdpublishnotices.com.

NOTICE TO BIDDERS

Notice is hereby given that sealed bids will be received until 10:00 a.m. on June 9, 2026, at the Meade County Commission Room, 1300 Sherman Street, Sturgis, South Dakota for the crushing and stockpiling of gravel surfacing aggregate. All bids will be publicly opened and read aloud at that time.

The purpose of these bids is to establish a contract to provide said services and materials as required by the Meade County Highway Department. Meade County does not guarantee the purchase of any minimum or maximum quantity of material during the term of the contract.

All materials shall conform with the South Dakota Department of Transportation Standard Specifications for Roads and Bridges 2015 Edition or otherwise approved by the Meade County Highway Superintendent. Bid forms and specifications are available upon request through the Meade County Highway Department, 20623 Fort Meade Way, Sturgis South Dakota 57785. Telephone – 605.347.4565. Bidders must use bid forms furnished by Meade County. Completed, sealed bids, can be mailed

to the same address in a sealed envelope clearly marked "Gravel Crushing Bid".

The County is requesting a minimum of 80,000 tons (plus or minus 10%) of gravel to be crushed and stockpiled in or near Section 22, Township 9N Range 12E. Completion deadline for the project will be December 1, 2026.

Copies of the Specifications, proposal and bid forms may be obtained upon request from the Meade County Highway Department, 20623 Fort Meade Way, Sturgis, South Dakota 57785; office phone (605) 347-4565.

All bids shall include a completed Certification of Prohibited Status as defined by SDCL 5-18A-51.

The Meade County Commissioners reserve the right to accept or reject any and all bids, and to waive any irregularities therein, and to accept the Bid that is to the advantage and best interest of Meade County.

Dated at Sturgis, South Dakota this 12th day of June 2026.

Published May 27, & June 3, 2026 at the approximate cost of \$45.05 and may be viewed free of charge at www.sdpublishnotices.com.

NOTICE OF
APPLICATION
NO. 2050-1 to
Appropriate Water

Notice is given that Venekamps LLC., 22478 Bennett Road, Rapid City SD 57701, has filed an application for a water permit to appropriate up to 58.6 additional acre-feet of water annually and increase the authorized maximum diversion rate by an additional 0.23 cubic feet of water per second (cfs), to what is already authorized by Water Right No. 1968-1, utilizing the existing well. Water Right No. 1968-1 authorizes the appropriation of up to 29 acre-feet of water annually at a maximum pump rate of 0.11 cfs from one well completed into the Inyan Kara Aquifer (2,170 feet deep) located in the NE 1/4 NW 1/4 Section 10 for use in a water distribution system serving a housing development located in the N 1/2 NW 1/4 Section 10; all in T2N-R8E. This application also proposes expanding the area of use to include development in the E 1/2 Section 9 and W 1/2 NE 1/4 Section 10; all in T2N-R8E. This application, if approved, and Water Right No. 1968-1 would authorize a combined total appropriation of up to 87.6 acre-feet annually at a maximum diversion rate of 0.34 cfs. This site is located in Meade County, approximately three miles north of Rapid City SD.

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Continued on next page

June 2, 2026	South Dakota	Meade County
NONPOLITICAL PRIMARY PUBLICATION BALLOT		
INSTRUCTIONS TO THE VOTER: To vote for a person FILL IN the oval (●) next to the name. Use only a pencil or pen. If you make a mistake, give the ballot back and get a new one. DO NOT cast more votes than are allowed in each race.		Publication NON
For School Board Member Meade School District 46-1 4 year term, you may vote for up to two or leave it blank. ☐ Derek Allen ☐ Tammara Phillips Hannan ☐ Brian Voight		
For Mayor Piedmont You may vote for one or leave it blank. ☐ Aaron Clendenin ☐ John L. (Jack) Parks Jr.		
For City Commissioner Piedmont You may vote for one or leave it blank. ☐ Philip G. Aitken ☐ Benjamin Neill		
Publication NON		

Continued from previous page
 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 June 8, 2026.

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Published May 27, 2026 at the approximate cost of \$50.44 and may be viewed free of charge at www.sdpublicnotices.com.

South Dakota State Fair admission passes available for Read & Win Program

The South Dakota State Fair is now offering free admission passes for the Read & Win program.

The State Fair is partnering with schools and public libraries to promote youth reading and honor outstanding academic achievement. The Read & Win program encourages summer reading as an incentive to children of all ages across the state to earn free admission to the State Fair. This unique opportunity can complement current reading

programs or serve as the foundation for new reading activities.

Registration information can be found online at www.sdstatefair.com or by contacting the State Fair office in Huron at 605-353-7340. To be eligible for free youth passes, please register no later than Monday, August 17.

The Read & Win program is sponsored by Midwest Bath.

In 2025, over 55 schools and libraries participated in the Read and

Win program, providing 8,300 youth daily admission gate passes to young readers.

The 2026 South Dakota State Fair kicks off on Channel Seeds Opening Day, Wednesday, September 2, and runs through Monday, September 7.

For more information, contact the State Fair office at 800-529-0900, visit www.sdstatefair.com or check it out on Facebook, Instagram, and X.

Disaster prep essentials

Preparation can pave the way to professional success, and that utility extends beyond one's career. Preparation also is a vital component of personal safety, particularly in relation to natural disasters. Knowledge of storms and weather-related events such as hurricanes, tornadoes and floods can be lifesaving, and various government agencies encourage adults and children alike to learn what they can do to stay safe should a storm strike. But it's equally vital to personal safety to assemble a disaster supplies kit. Ready.gov, the official website of the United States Department of Homeland Security, recommends individuals gather and maintain the following items as part of a basic emergency supply kit.

• Water (one gallon per person per day for several days). Keep in

mind that the water is not only for drinking, but also for sanitation.

• Food: Each person in your household should have a several-day supply of non-perishable food.

• Battery-powered or hand crank radio and a National Oceanic and Atmospheric Administration Weather Radio with tone alert. Various retailers carry NOAA radios, which typically cost \$50 or less.

• Flashlight: A flashlight for each person in the household is ideal.

• First aid kit

• Extra batteries: Enough extra batteries to keep flashlights and radios operational during a potentially days-long power outage is recommended.

• Whistle: A power whistle that's loud and carries for a significant distance can be used to signal for help, if necessary.

• Dust mask: Air can become contaminated during a natural disaster, so a dust mask for each person in the household can ensure everyone can safely breathe.

• Plastic sheeting, scissors and duct tape: These materials can be employed to stay safe and warm or cool when ordered to shelter in place.

• Moist towelettes, garbage bags and plastic ties: Personal sanitation items such as these can help people stay healthy and keep an area sanitary when services such as garbage pickup and water utilities are not operating normally.

• Wrench or pliers: Tools such as a wrench and pliers can be used to turn off utilities when it's necessary to do so, such as during a flood.

• Manual can opener: A manual can opener can open canned goods during power outages.

• Local maps: Local maps of areas around your home, place of business and children's schools can help you get around if roads are closed. Even people who feel they know the areas where they live, work and attend school like the back of their hand are urged to keep maps of such regions readily available.

• Cell phone with chargers and a backup battery: Backup chargers and batteries can make it possible to maintain access to potentially lifesaving information and facilitate staying connected with loved ones and neighbors.

A well-stocked disaster preparation kit can keep people and their loved ones safe should a weather-related storm or other dangerous event strike and present potentially dangerous living situations.



Lynn's
Est. 1968 DAKOTAMART

Pepsi Poppi's
3/\$5.00

4 ct. Filled Long Johns
\$3.89 ea.

Van De Kamps Pork & Beans
4/\$5.00

Prices effective
Wednesday, May 27, 2026 –
Tuesday, June 02, 2026

Your Hometown Neighborhood Market... The Better Choice
Prairie Oasis Mall PH: 605-967-2622 - Faith, SD



HORIZON HEALTH

WELCOME NEW PROVIDER
Candace Veit,
FNP-C

Hobbies: Horse Riding, Continuing
 Ed in Aesthetics and Traveling
 Specialty: Family Practice

Now available for appointments!
Horizon Health
 112 N 2nd Ave W | Faith | 605.967.2644

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 Water Rights Program



Contact us for all of your advertising needs!

Faith Independent • faithind@faithsd.com • 605-967-2161
 Bison Courier • courier@sdplains.com • 605-244-7199

AFFIDAVIT OF PUBLICATION

Venekamps LLC LLC
5635 sunburst drive
Rapid city South Dakota 57702

State of Florida, County of Orange, ss:

I, Anjana Bhadoriya, of lawful age, being duly sworn upon oath depose and say that I am an agent of Column Software, PBC, duly appointed and authorized agent of the Publisher of The Rapid City Journal, a corporation of Rapid City, South Dakota, a legal and daily newspaper printed and published in Rapid City, in said County of Pennington, and has full and personal knowledge of all the facts herein stated as follows: that said newspaper is and at all of the times herein mentioned has been a legal and daily newspaper with a bonafide paid circulation of at least Two Hundred copies daily, and has been printed and published for at least one year prior to the first date of the published notice. This affidavit is a true and corrected copy of notice which appeared in said newspaper on the following dates.

Publication Dates:

- May 28, 2026

NOTICE ID: WabTcx9a9C93v6z2DjOj

NOTICE NAME: 2050-1 Venekamps - Public Notice

TOTAL AD COST: \$90.41

Anjana Bhadoriya

Agent

VERIFICATION

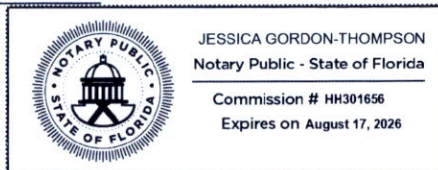
State of Florida
County of Orange

Signed or attested before me on this: 06/10/2026

J. Thompson

Notary Public

Notarized remotely online using communication technology via Proof.



NOTICE OF APPLICATION NO.

2050-1 to Appropriate Water
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JUN 10 2026

Water Rights
Program

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(Published May 28, 2026 for a total approximate cost of \$90.41 and may be viewed for free at www.sd-publicnotices.com)
Legal No: COL-SD-4900

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JUN 10 2026
Water Rights
Program

Rodriguez, Rachel

From: Rodriguez, Rachel
Sent: Thursday, May 21, 2026 8:23 AM
To: rcpineview@gmail.com
Subject: 2050-1 Venekamps - Public Notice
Attachments: 2050-1 Rec.pdf; 2050-1 Ltr.pdf; 2050-1 PubNotice.pdf; RapidCityJournal Info.pdf

Good morning,

Attached is a copy of the report, acting chief engineer's recommendation, and information regarding the public notice for your water permit application. Please note that the Rapid City Journal uses an online portal. 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

July 16, 2026

Venekamps LLC
c/o Willis Venekamp
22478 Bennett Road
Rapid City SD 57701

Dear Mr. Venekamp:

Enclosed is Water Permit No. 2050-1 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.: 2050-1

Name of Applicant: Venekamps LLC, Willis Venekamp

Date of Posting: 5/28/2026

Date of Removal: 7/16/2026

Amanda Dewell, Permitting Administrator

7/16/2026

Date

Subscribed and sworn to before me, a notary public, this 16th day of July, 2026.

Notary Public - South Dakota
My commission expires:

Rachel Rodriguez
My Commission Expires
May 16, 2029



(SEAL)