

WATER PERMIT NO. 5898-3

Name of Applicant: City of Centerville

Address: PO Box C, Centerville SD

Phone: 605 563-2302

Amount of Water Claimed: 50 gpm add'l (0.11 cfs)

Total Acres: NA

Source of Water Supply: groundwater (3 wells)

Water to be used for: municipal County: Turner

Type of Waste Disposal System: NA

Location:

PRIORITY Date Received: 1-9-96 Fee: \$150.00

Corrected Application Received: Period of Annual Use: January 1 - December 31

Remarks: This application is to increase the combined diversion rate of 3 wells authorized by No. 4204-3 from 450 gpm to 500 gpm.

Diversion Point: W 1/2 SW 1/4 Sec 23-T96N-R52W

Land to be Irrigated: NA

Depth of Wells: 135 feet deep

Well Driller: unknown

Remarks: wells were drilled in 1958, 1965 and 1975

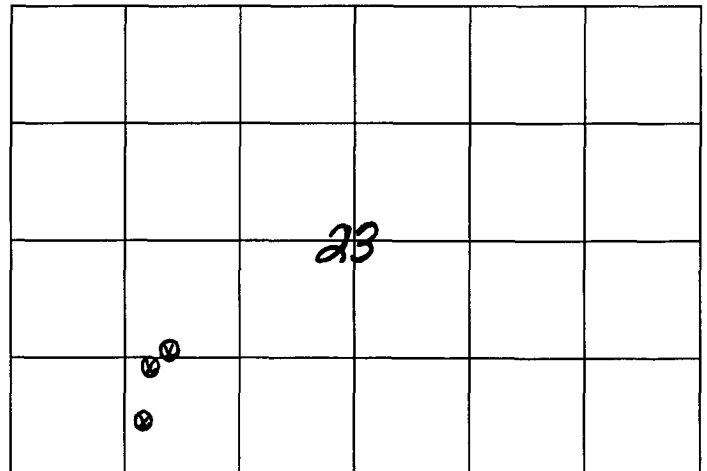
Type of Map: aerial

Prepared by: Ron Duvall

Reviewed and the Number Assigned on: 1-12-96

By: Karen Schlaak

Notice of Hearing - date to intervene: _____



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

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	(office use only)
	No. _____ Hydrologic Unit _____
	Basin _____
	Newspaper _____



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

Check use(s) of water:

☒ Municipal _____ Suburban Housing _____ Recreational _____ Institutional
_____ Rural Water System _____ Commercial _____ Fish & Wildlife _____ Geothermal Heat
_____ Domestic (over 18 gpm) _____ Industrial _____ Other _____

Type of Application: ☒ New _____ Vested Right (Use predates Mar 2, 1955) _____ Future Use Reservation
(check one) _____ 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.) _____

1. Name of Applicant City of Centerville Phone 563-2302
(check one) ☒ Owner _____ Tenant/lessee

Mailing Address PO Box C, Centerville SD State 57014-0902
(Street, RR. or Box) (Zip Code)

2. Amount of water claimed _____ *CFS or 50 **GPM _____ ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply ground water 3 wells

4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) 3 wells in the
W1/2 SW1/4 sec 23-T96N-R52W

County Turner

5. County or counties where water will be used Turner

6. Annual period during which water is to be used Jan 1 - Dec 31

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

This application is to increase the combined diversion rate of 3 wells authorized by No. 4204-3 from 450 gpm to 500 gpm.

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

STATE OF SOUTH DAKOTA)

County of Turner SS

I, Ben E. Bjorkdal, the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.

Signed Ben E. Bjorkdal, Mayor

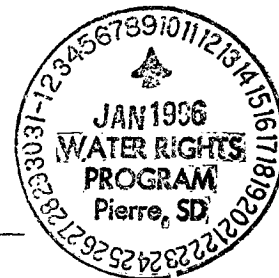
Subscribed and sworn to before me this 4th day of January, 19 96

[Signature]
(Notary Public)

Comm. Exp. Date 5-18-96

Supplemental Information

(type or print in ink)

1. Well Information -- ~~Proposed Construction~~ All 3 wells

- a) Drill Hole Diameter 20" Depth 135'
- b) Casing Type steel Diameter 10" Thickness _____
- c) Screen Type Johnson Diameter 10" Thickness _____
- d) Gravel Pack Thickness _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material 50'
- f) Depth to Water (ground surface to water level) 50'
- g) Distance to nearest existing domestic well:

On applicants property ≈ 150' On property owned by others .5 mile

2. Wastewater Disposal System Information

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

3. Dugout Information

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

4. Water Storage Dams

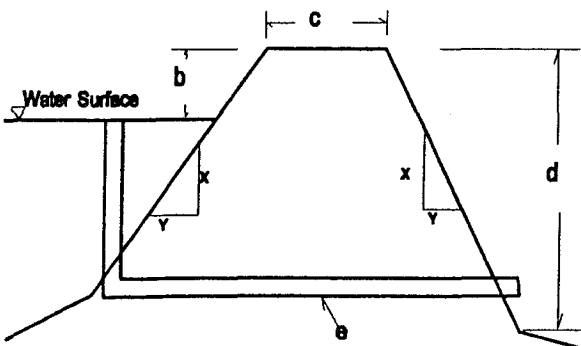
If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

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

_____ b) Freeboard _____

_____ c) Crest Width _____

_____ Crest Length _____



- d) Height _____
- e) Primary Outlet Capacity _____
- If pipe, diameter _____
- f) Secondary Spillway Capacity _____
- Spillway Width _____
- g) X & Y Slope
- Upstream _____
- Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres

SOUTH DAKOTA
WATER PERMIT NO. 5898-3

Date of first receipt of application January 9, 1996.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 5898-3 to the City of Centerville, PO Box C, Centerville SD 57014-0902 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. 5898-3 appropriates 0.11 cubic feet of water per second (cfs) (50 gallons per minute (gpm)) by increasing the diversion rate authorized by Water Permit No. 4204-3. Water Permit No. 4204-3 appropriates 1.0 cfs (450 gpm) from three wells (Upper Vermillion Missouri Aquifer) 135 feet deep located in the W 1/2 SW 1/4 Section 23-T96N-R52W. This permit increases the water appropriation from the three wells from 1.0 cfs to 1.11 cfs (450 gpm to 500 gpm).
2. The water appropriated shall be used for the purpose of supplying water to the City and may not exceed the amount of water needed for beneficial use for municipal use purposes.
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. 5898-3 is February 20, 1996.
5. The date from which applicant may claim right is January 9, 1996.
6. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATION

The wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

WATER MANAGEMENT BOARD

By: 
John Hatch, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUL 2 1996

date





January 2, 1996

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

Ben Bjordal, Mayor
City of Centerville
PO Box C
Centerville SD 57014-0902



Dear Mayor Bjordal:

This letter is in response to an investigation I completed of the city's water permits on September 27, 1995. An investigation was needed to license the permits and to ensure that the permits, as developed, correspond to permit requirements. Jens Paulsen, Water Superintendent, helped me complete the investigation.

Water Permit No. 4204-3 authorizes use of 450 gpm from the city's three wells. Mr. Paulsen started each well for me to check to diversion rate. Each well is metered and the total diversion rate for all three wells is 500 gpm (well #1 = 140 gpm; #2 = 170 gpm; #3 = 190 gpm.) This diversion rate exceeds the permitted diversion rate by 50 gpm. Therefore, the city needs to apply for a water permit to allow diversion of an additional 50 gpm. I have partially-completed and enclosed a permit application for your use. However; if for some reason the city's water system can not exceed 450 gpm, then a new permit is not needed. Please advise me what the city's water system is capable of using if it is less than 450 gpm, otherwise please complete the application.

Water Permit No. 5082-3 authorizes use of 12 gpm from one well located near the city's waste water treatment building. Mr. Paulsen indicated that the diversion rate from this well is 12 gpm as specified on your permit. A qualification on Permit No. 5082-3 requires placement of a six feet by six feet concrete slab around the well casing. This qualification was placed on the permit because the well was constructed using bentonite to seal the well rather than cement grout as required by law. The slab is intended to prevent contamination of the aquifer by not allowing runoff to seep down along the well casing. Mr. Paulsen indicated that placement of the pad could be accomplished without much difficulty. I realize this is not a good time of the year for pouring concrete, but the permit can not be licensed until the city complies with the permit qualification. Please advise me when the pad is poured.

If you have any questions or concerns, please contact me at (605) 773-3352. I will assist you to the best of my ability. I would also like to thank you for the time taken by Mr. Paulsen to help me with the investigation.

Sincerely,

Ron Duvall
Natural Resources Engineer
Water Rights Program

enclosures

c: Nancy Kludt, Finance Officer
Jens Paulsen, Water Superintendent

RECEIPT

414756

Division of Water Rights

South Dakota Department of Environment and Natural Resources

Pierre, _____ January 11, 19 96

RECEIVED OF City of Centerville, PO Box 6, Centerville, SD 57014-0902

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

Fee for Application for Permit No. <u>5898-3</u> to Appropriate Water, to construct and to put water to beneficial use _____	150	00
Fee for Application for Permit No. _____ to Appropriate Water, for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	150 00

By John Hatch / [Signature]
Chief Engineer

REPORT ON WATER PERMIT APPLICATION NO. 5898-3
for the City of Centerville
January 16, 1996

Application No. 5898-3 proposes to appropriate 0.11 cfs (50 gpm) by increasing the diversion rate authorized by Water Permit No. 4204-3. Water Permit No. 4204-3 appropriates 1.0 cfs (450 gpm) from three wells approximately 135 feet deep located in the W 1/2 SW 1/4 of section 23, T96N R52W in Turner County. This permit increases the water appropriation from the three existing wells from 1.0 cfs to 1.11 cfs (450 gpm to 500 gpm). The water is used for municipal purposes.

AQUIFER - UPPER VERMILLION MISSOURI (UVM)

The Upper Vermillion Missouri is a buried glacial outwash (sand and gravel) which is under confined or artesian conditions in this area. The aquifer underlies 207 square miles and contains an estimated 1.8 million acre feet of water in storage in Turner and Hutchinson Counties with by far the most water in Turner County (Lindgren, 1990). The general movement of ground water is from north to south. The aquifer is hydraulically connected to the overlying Parker Centerville aquifer and to the Vermillion River in some areas. Just to the south, in Clay County, the Upper Vermillion Missouri and the Parker Centerville aquifers blend together forming one system.

The Water Rights Program monitors two observation wells completed into the Upper Vermillion Missouri aquifer located within a four mile radius of this application. Water levels for these wells show good correlation with climatic conditions, that is, rising water levels during wet years (recharge) and gradually declining water levels during dry years. The water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 1996).

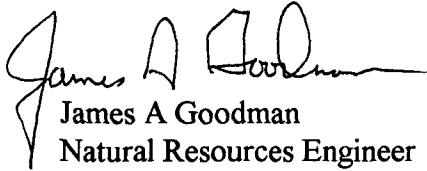
REVIEW OF EXISTING WATER PERMITS/RIGHTS

The City of Centerville (Permit No. 4204-3) is the only other user within two miles of this application which uses water from the Upper Vermillion Missouri aquifer. Interference is not expected to be a concern. This application is a result of an inspection of Water Permit No. 4204-3 which found that an additional 0.11 cfs was being diverted through the existing three wells authorized by Water Permit No. 4204-3.

CONCLUSIONS

1. Water is available from the Upper Vermillion Missouri aquifer.
2. The aquifer is confined and under artesian conditions. Interference is not expected to be a concern. Drawdown created by this additional diversion rate should not be significant. These are existing wells and have been in use for many years with no apparent problems.

3. There is insufficient information available to determine if these wells are constructed in accordance with SD Well Construction Standards.



James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

Lindgren, R.J., D.S. Hansen, 1990, Water Resources of Hutchinson and Turner Counties, South Dakota, WRI Report 90-4093, USGS, Huron, SD, 57350.

Water Rights, 1996, Unpublished Observation Well Data for Turner and Clay Counties, SD DENR, Division of Environmental Services, Water Rights Program, Pierre, SD, 57501.

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5898-3, City of Centerville**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 5898-3, City of Centerville, %Mayor Ben Bjordal, P.O. Box C, Centerville, SD 57014-0902.

The Chief Engineer is recommending APPROVAL of Application No. 5898-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion has been developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) in the public interest with the following qualifications:

The wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

See report on application for additional information.

A handwritten signature in black ink, appearing to read "John Hatch", written in a cursive style.

JOHN HATCH, Chief Engineer
January 18, 1996



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

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

January 23, 1996

City of Centerville
%Mayor Ben Bjordal
P.O. Box C
Centerville, SD 57014-0902

Dear Mayor Bjordal:

Water Permit Application No. 5898-3 for municipal use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the New Era printed at Parker, SD (Ph # (605) 297-4419). For your information, a copy of the notice, the recommendation of the Chief Engineer and a 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 newspaper to authorize publication of your Notice of Hearing and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. The newspaper has been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,


Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

January 23, 1996

The New Era
Box 577
Parker, SD 57053-0577

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application No. 5898-3 to be published twice. Please publish the first notice on February 1, 1996, with the second publication 7 days later.

The APPLICANT MUST VERIFY TO YOU THAT THE NOTICE IS TO BE PUBLISHED, before you make the first publication. Please BILL the APPLICANT for the cost of publication. The APPLICANT is City of Centerville, %Mayor Ben Bjordal, P.O. Box C, Centerville, SD 57014-0902 (Ph # (605) 563-2302).

A copy of BOTH publications must be SENT to the WATER RIGHTS PROGRAM. IMMEDIATELY return the FIRST publication with the FIRST Transmittal form on the bottom of this page. The first copy is needed to check the publication for errors so any corrections can be made in the second publication. Publication errors can invalidate the public notice and cause the applicant costly delays.

Please be sure the SECOND publication is returned IMMEDIATELY with the enclosed Proof of Publication form. DO NOT WAIT until the end of the month or the billing cycle. No action may be taken on the permit application until proof of publication has been received.

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CUT HERE-----

FIRST TRANSMITTAL NOTICE

TO: Eric Gronlund
Water Rights Program
Joe Foss Building
Pierre SD 57501-3181

No. _____

Date _____

We are in receipt of your letter of _____ enclosing Notice of Hearing to Appropriate Water by Application No. _____ which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper

Instruction to Newspaper - Publish first Notice on February 1, 1996, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 5898-3 to Appropriate Water
and to Amend Water Permit No. 4204-3

Notice is given that City of Centerville, P.O. Box C, Centerville, SD 57014-0902 has filed an application for a water permit to appropriate 0.11 cubic feet of water per second (cfs) [50 gallons per minute (gpm)] by increasing the diversion rate authorized by Water Permit No. 4204-3. Water Permit No. 4204-3 appropriates 1.0 cfs [450 gpm] from three wells (Upper Vermillion Missouri Aquifer) 135 feet deep located in the W 1/2 SW 1/4 Section 23-T96N-R52W. This application will increase the water appropriation from the three wells from 1.0 cfs to 1.11 cfs [450 gpm to 500 gpm].

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 5898-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the chief engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and chief engineer. The applicant must file a petition if contesting the chief engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by February 20, 1996.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Nettie H. Myers, Secretary, Department of Environment and Natural Resources.

Affidavit of Publication



Notice of Application No. 5898-3 to Appropriate Water and to Amend Water Permit No. 4204-3

Notice is given that City of Centerville, P.O. Box C, Centerville, S.D. 57014-0902 has filed an application for a water permit to appropriate 0.11 cubic feet of water per second (cfs) [50 gallons per minute (gpm)] by increasing the diversion rate authorized by Water Permit No. 4204-3. Water Permit No. 4204-3 appropriates 1.0 cfs [450 gpm] from three wells (Upper Vermillion Missouri Aquifer) 135 feet deep located in the W1/2 SW1/4 Section 23-T96N-R52W. This application will increase the water appropriation from the three wells 1.0 cfs to 1.11 cfs [450 gpm to 500 gpm].

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 5898-3 because 1.) unappropriated water is available, 2.) existing rights will be unlawfully impaired, 3.) it is a beneficial use of water, and 4.) it is in the public interest. In accordance with SDCL 46-2A-23, the chief engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and chief engineer. The applicant must file a petition if contesting the chief engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E. Capitol, Pierre, S.D. 57501 (605-773-3352)" and the

applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by February 20, 1996.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application.

Nettie H. Myers, Secretary
Department of Environment
and Natural Resources

#1182, February 1 & 8, 1996.

STATE OF SOUTH DAKOTA } ss.
COUNTY OF TURNER }

L. Brenda Hintz of the City of Parker,
County of Turner, State of South Dakota, being first duly sworn on oath,
deposes and says:

The New Era is a weekly legal newspaper of general circulation, printed and published in the City of Parker, in said County of Turner, by The New Era, Lyon-Sioux Press, publishers, and has been such legal newspaper during the times hereinafter mentioned; that the said newspaper has been in existence as such legal newspaper for more than one year prior to the publication of the notice hereunto attached, and has during all of said time had, and now has, more than 200 bona fide subscribers; that the

undersigned, the affiant, is the office mgr. of the said newspaper, in charge of the advertising department thereof and has personal knowledge of all the facts stated in this affidavit and the advertisement headed Appropriate/Amend Water

1182

printed copy of which hereunto attached, was printed and published in the

said newspaper for 2 successive weeks, once each week and on the same day of the week, on the following dates, to-wit:

On Thursday, the 1 day of February, 1996;

On Thursday, the 8 day of February, 1996;

On _____, the _____ day of _____, 19____;

On _____, the _____ day of _____, 19____;

On _____, the _____ day of _____, 19____;

On _____, the _____ day of _____, 19____;

On _____, the _____ day of _____, 19____;

That \$ 37.30 being the full amount of the fees for publication of the attached notice insures solely for the benefit of the publishers of the said newspaper; that no arrangement or understanding for a division thereof has been made with any other person and that no part thereof has been agreed to be paid to any other person whomsoever.

Brenda Hintz
Subscribed and sworn to before me this 20

day of February, 1996.

ANITA KOLLER

NOTARY PUBLIC
SOUTH DAKOTA

Anita Koller
Notary Public, Turner County, South Dakota.

Publication Fees - - - \$ 37.30
Notary Fees - - - - - \$
Total - - - - - \$ 37.30

Received Payment,

FIELD INVESTIGATION REPORT FOR PERMIT NO. 5898-3

DATE OF INVESTIGATION:	September 27, 1995
NAME & ADDRESS OF INVESTIGATION CONTACT/ RELATIONSHIP TO PERMIT HOLDER, IF APPLICABLE	Jens Paulsen, Water Superintendent
NAME & ADDRESS OF PERMIT HOLDER	City of Centerville
DIVERSION POINT LEGAL LOCATION	Well #1: 1,110 feet N and 350 feet E; Well #2: 1,000 feet N and 250 feet E; Well #3: 550 feet N and 250 feet E; all from the SW corner of section 23-T96N-R52W

Other permit(s) associated with the project: 4204-3

WELL INFORMATION:

- 1) Well Drilling Firm: unknown
- 2) No. of Wells 3
- 3) Depth(s) all approx. 135 feet
- 4) Well log is available N
- 5) Comment: Wells constructed in 1958, 1965,
and 1975

Casing:

- 1) Diameter 10 inches
- 2) Length 115 feet
- 3) Type steel

Screen:

- 1) Type Johnson
- 2) Length 20 feet
- 3) Static water level 50 feet

Motor/Pump:

- 1) Make all submersibles
- 2) Model unknown
- 3) Capacity Well #1 = 140; Well #2 = 170; Well #3
= 190 GPM

DISTRIBUTION LINES OR CANALS:

- 1) Type City distribution system

PERMIT QUALIFICATIONS:

- 1) Special qualifications to permit being abided by Y
- 2) All structures, wells and lands on map Y

Permit No. 5898-3
Vermillion River - Water District

Report of Examination of Works and/or Application of Water to Beneficial Use

TO: Chief Engineer, Water Rights Program, DENR, Foss Bldg., Pierre, SD 57501

I have this day, September 27, 1995, made a thorough examination of the water use system constructed by the City of Centerville of PO Box C, Centerville SD 57014-0902 holder of Permit No. 4204-3 and 5898-3, bearing the priority of January 1, 1900 and December 7, 1977 (4204-3); January 9, 1996 (5898-3) authorizing the diversion of 1.11 cu. ft. per second of the waters of ground water (Upper Vermillion Missouri Aquifer) for municipal purposes, in Turner County.

I have to report on the conditions of the same as follows:

A. Works used to divert the water:

**Three wells equipped with submersible pumps, Wells are metered, diversion rates are:
make and size unknown**

Well #1: 140 gpm

Well #2: 170 gpm

Well #3: 190 gpm

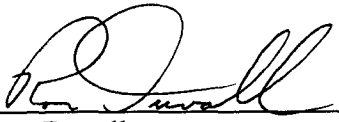
B. Works used to transport/apply water to place of use:

City Distribution System

The system is in the following condition good. The point of diversion is located **Well #1: 1,110 feet N and 350 feet E; Well #2: 1,000 feet N and 250 feet E; Well #3: 550 feet N and 250 feet E; all from the SW corner of section 23-T96N-R52W (W1/2 SW1/4).** The works are capable of diverting and conveying to the place of use 1.11* cu. ft. per second of water which is to be used for municipal purposes.

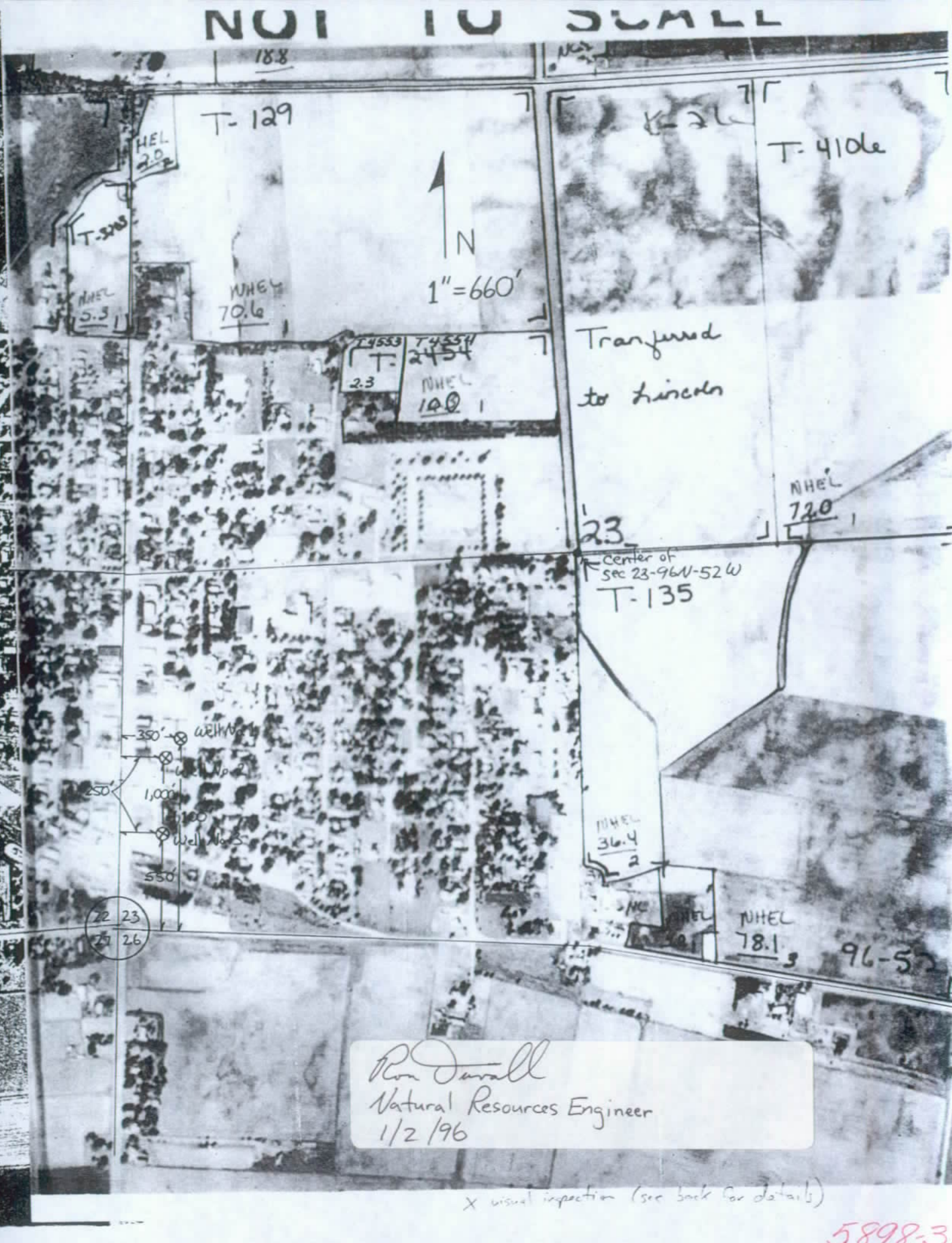
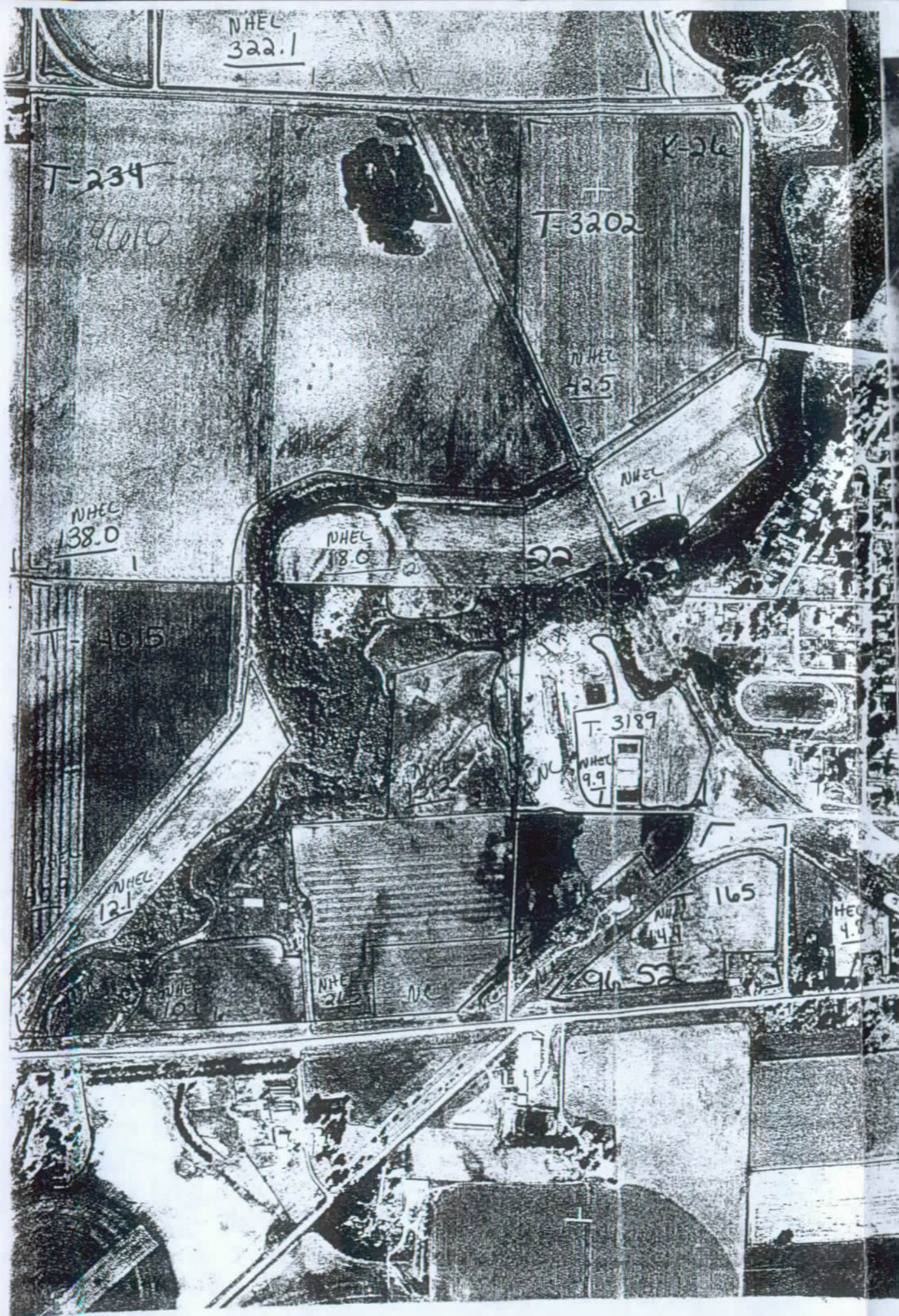
Applicable permit qualifications have been complied with: Yes ☒ No

Exceptions to compliance are: none Date report completed: February 23, 1996



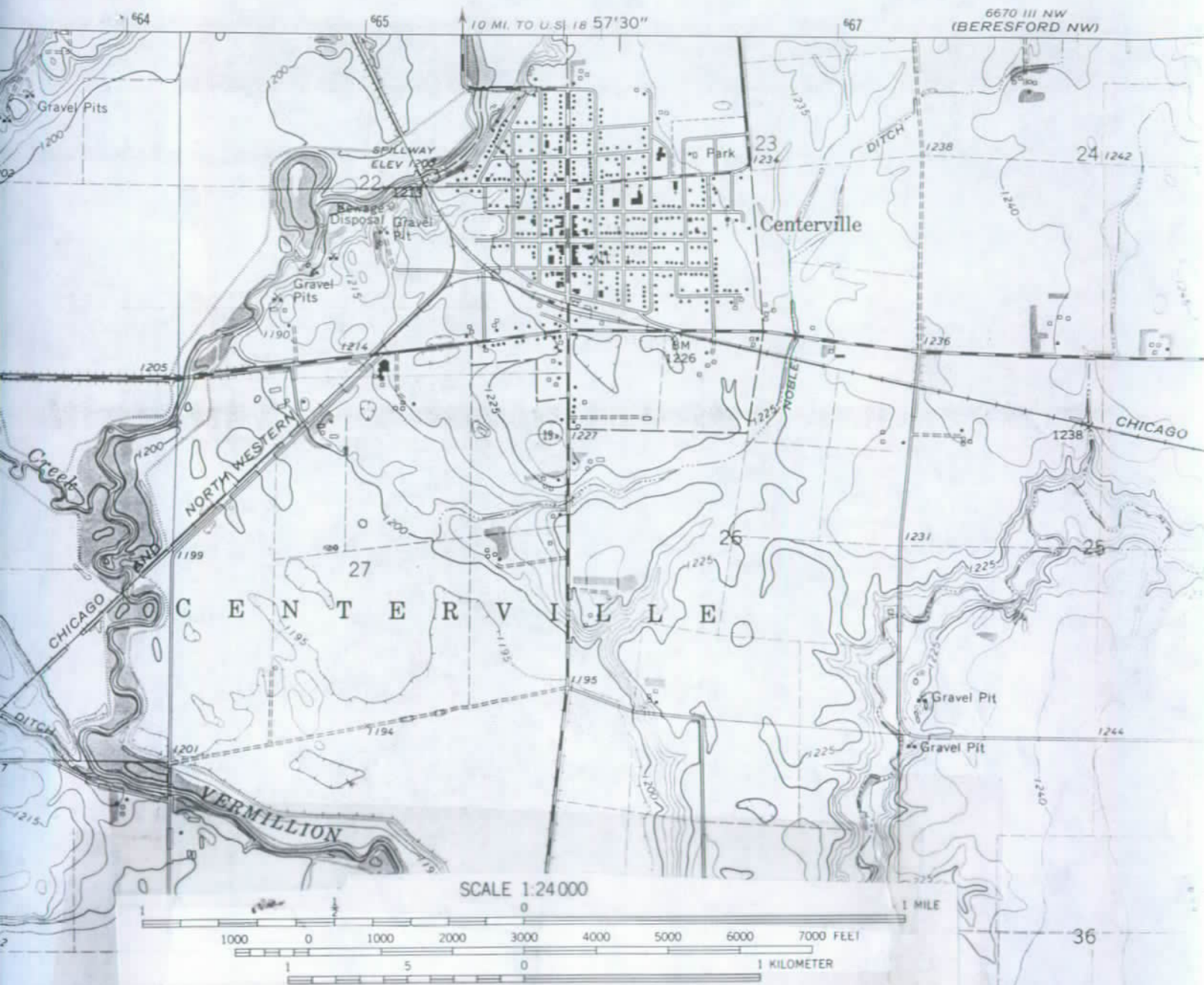
Ron Duvall
Natural Resources Engineer
DENR, Water Rights Program

*Diversion Rate	Priority Date
0.22 cfs	January 1, 1900
0.78 cfs	December 7, 1977
0.11 cfs	January 9, 1996

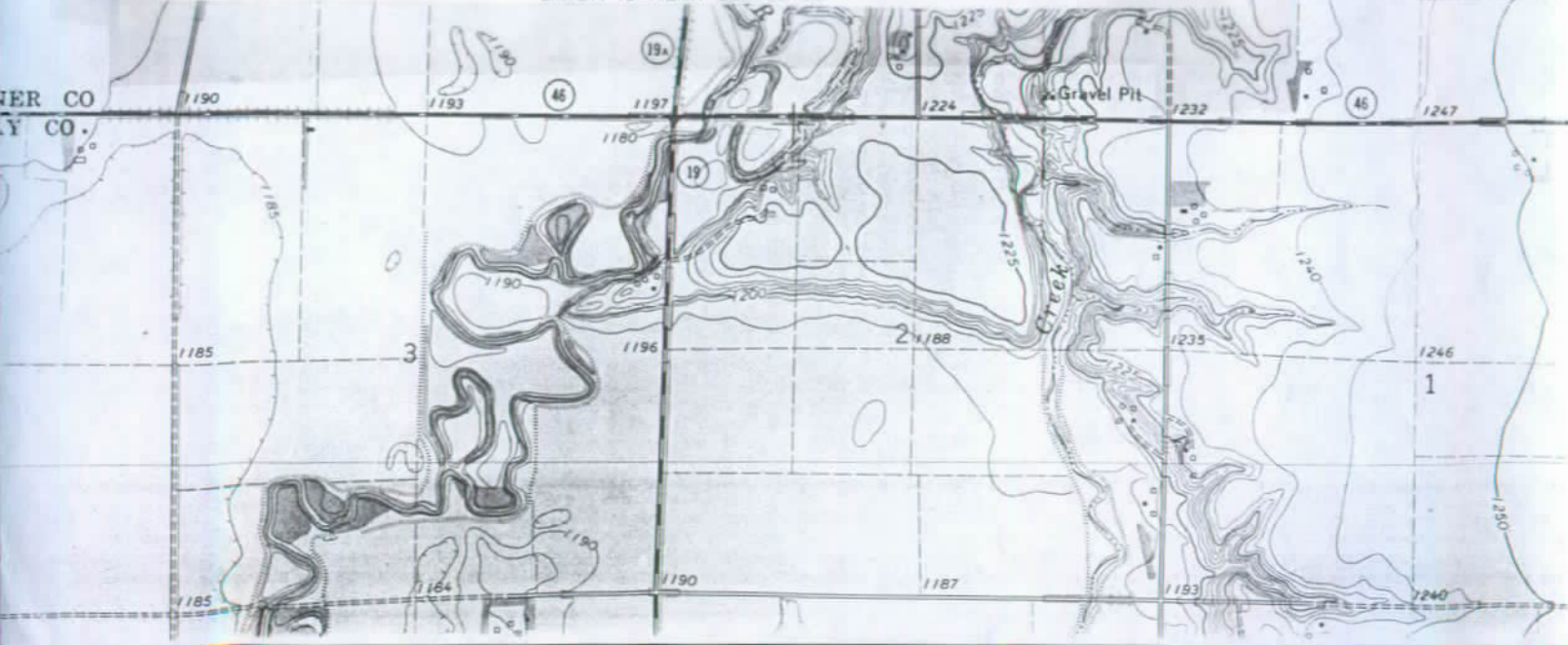


Ron Duvall
Natural Resources Engineer
1/2/96

x visual inspection (see back for details)



SCALE 1:24 000
 1 MILE
 1 KILOMETER
 CONTOUR INTERVAL 5 FEET
 DATUM IS MEAN SEA LEVEL



STATE OF SOUTH DAKOTA

WATER LICENSE NO. 5898-3

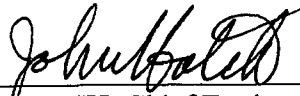
(1) The City of Centerville, PO Box C, Centerville SD 57014-0902 made Application No. 5898-3, January 9, 1996 for a water permit to divert 0.11 cubic feet of water per second from groundwater (three wells), Turner County, South Dakota for municipal use purposes. Permit No. 5898-3, with a priority date of January 9, 1996 was approved February 20, 1996 and issued to the applicant for diversion of water with construction of the described water supply system completed and the application to beneficial use of said water completed

Water Permit No. 4204-3 appropriates 1.0 cfs with priority dates of January 1, 1900 (0.22 cfs) and December 7, 1977 (0.78 cfs). Water License No. 4204-3 is being issued for the vested right portion only (0.22 cfs). The nonvested portion (0.78 cfs) is being incorporated into Water License No. 5898-3. Water Permit No. 5898-3 increased the total diversion rate authorized by Water Permit No. 4204-3 from 1.0 cfs to 1.11 cfs (0.11 cfs).

(2) It is certified that the applicant has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 0.89 cubic feet of water per second for beneficial use. The location of the diversion points are: Well #1 - 1,110 feet north and 350 feet east; Well #2 - 1,000 feet north and 250 feet east; and Well #3 - 550 feet north and 250 feet east; all from the southwest corner of Section 23-T96N-R52W (W 1/2 SW 1/4).

(3) The applicant has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use.

(4) Pursuant to South Dakota Water Law 46-5-30.1 the City of Centerville, PO Box C, Centerville SD 57014-0902 the holder and/or owner of Incorporated Water Permit No. 5898-3 is issued a license to appropriate water, the right to use 0.89 cubic feet of water per second from groundwater (three wells) with priority dates of December 7, 1977 (0.78 cfs) and January 9, 1996 (0.11 cfs) from the location specified in (2) of this license. The water to be used for the purpose of municipal use. This license is subject to any limitations or qualifications listed in Incorporated Water Permit No. 5898-3 and subject to South Dakota State Law.



JOHN HATCH, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

JUL 2 1996

date





JUL 2 1996

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

Nancy Kludt, Finance Officer
City of Centerville
PO Box C
Centerville SD 57014-0902

Dear Ms. Kludt:

Enclosed are several documents which complete the process of obtaining water rights for the city.

On September 27, 1995, an investigation was completed to determine the status of water use by the City of Centerville. Based on that investigation, Water Permit No. 5898-3 was approved which increased the total diversion rate authorized by Water Permit 4204-3 from 1.0 cfs to 1.11 cfs. Water Right License No. 4204-3 is being issued for the vested right portion only (0.22 cubic feet of water per second). The nonvested portion (0.78 cfs) is incorporated into Water License No. 5898-3. The validations of Vested Water Right Nos. 4204-3 and 4972-3 are also enclosed.

As long as the City of Centerville uses the water beneficially, as stated in the Water Licenses, the State Water Laws provide that you have a continuing right to use the water.

Water License No. 5082-3 will be issued upon completion of the concrete slab around the well casing. Please advise when the concrete slab is completed. If you have any questions, please let us know.

Very truly yours,

John Hatch, Chief Engineer
Water Rights Program
605 773-3352

enclosures

ks

3994-3, 4204-3, 5319-3, 117-3A, 2268-3, 2372-3, 2941-3
5352-3, 5425-3, 5886-3, 2950-3, 3328-3, 3409-3, 3507-3
5898-3, 6810-3, 6922-3, 3646-3, 3737-3, 3918-3, 3948-3
7002-3, 7191-3, 7384-3, 6754-3, 7128-3

Page 1 of 4

Water Rights Program File Documentation

Date: June 16, 2025

Counties: Clay and Turner

Re: Aquifer management unit redesignation for selected water rights/permits on Clay and Turner Counties

COMMENTS:

Review of a request to change diversion point for Water Permit No. 8790-3, authorized to withdraw water from the Upper Vermillion Missouri: South aquifer (UVM:S), determined the well they wished to use is authorized under authorized by Water Right No. 7384-3 Water Right No. 7384-3 does not currently have a management unit designated for withdrawal from the Upper Vermillion Missouri aquifer (Water Rights, 2025). In reviewing the best information currently available for aquifer and management unit naming conventions, the best aquifer and management unit designation for Water Right No. 7384-3 is the Southern management unit of the Upper Vermillion Missouri aquifer (UVM:S) as shown in Figure 1. Furthermore, there are an additional 25 other water rights/permits, see Table 1, which should have the UVM:S management unit assigned (Water Rights, 2025).

This addition of the management unit designation, to the Southern management unit of the Upper Vermillion Missouri aquifer, does not represent a physical change in the water source. It is an update to the naming convention to reflect the currently best available information for aquifer and management unit extents. This update to the aquifer management unit name does not authorize any increase in the amount of water appropriated by any of these water rights/permits, change in diversion rate, relocation of existing wells, completion of additional wells into the aquifer, or change of acres permitted for irrigation. Going forward, issuance of any pertinent documents will reflect the updated aquifer and management unit designation.

Table 1- Water rights/permits requiring an aquifer management unit designation to the Upper Vermillion Missouri: South (Water Rights, 2025)

Water Rights							
PERMIT NO	NAME	COUNTY	PRIORITY DATE	STATUS	USE	CFS	ACRES
117-3A	GLYNDON KNUTSON	CL	04/14/1955	LC	IRR	0.95	66
2268-3	WILLIAM KNUTSON	CL	08/07/1975	LC	IRR	2	206
2372-3	LARRY ERICKSON	CL	10/07/1975	LC	IRR	1.76	123
2941-3	RUSSELL D AUSTIN	TU	08/16/1976	LC	IRR	1.11	140
2950-3	TERRY & ALBERTA SURPRENANT	CL	08/13/1976	LC	IRR	1.57	110
3328-3	TOM AUSTIN	CL	11/12/1976	LC	IRR	1.33	121
3409-3	STEVEN R NULL	TU	12/07/1976	LC	IRR	1.88	136
3507-3	W JERALD HANSEN	TU	12/28/1976	LC	IRR	0.99	69
3646-3	STEVEN R NULL	TU	02/04/1977	LC	IRR	2	144
3737-3	WILLIAM M JENTER	TU	09/16/1976	LC	IRR	4.57	320
3918-3	JBS HANSEN FARMS	TU	04/18/1977	LC	IRR	2.66	295.3
3948-3	JASON KNUTSON	CL	04/19/1977	LC	IRR	1.88	135
3994-3	GLYNDON KNUTSON	CL	07/07/1956	LC	IRR	4.94	332
4204-3	CITY OF CENTERVILLE	TU	01/01/1900	LC	MUN	0.22	n/a
5319-3	LARRY ERICKSON	CL	04/13/1989	LC	IRR	1.89	132
5352-3	BILL & SCOTT HANSEN	TU	09/13/1989	LC	IRR	2.15	151
5425-3	JOHNKE LAND TRUST	TU	03/23/1990	LC	IRR	1.88	132
5886-3	TIM OSTREM	CL	09/28/1995	LC	IRR	1.78	134
5898-3	CITY OF CENTERVILLE	TU	01/09/1996	LC	MUN	0.89	n/a
6810-3	JESSE & TANYA VANDESTROET	CL	02/20/2007	LC	IRR	1.56	65
6922-3	JOHN SHUBECK	CL	12/13/2007	LC	IRR	1.78	122
7002-3	JESSE & TANYA VANDESTROET	CL	03/14/2008	LC	IRR	1.39	123
7191-3	ROGER BLAKE	CL	02/01/2008	LC	IRR	1.56	255
7384-3	NICHOLAS & COURTNEY BLAKE	CL	07/20/2012	LC	IRR	1.67	67
Water Permits							
PERMIT NO	NAME	COUNTY	PRIORITY DATE	STATUS	USE	CFS	ACRES
6754-3	JBS HANSEN FARMS	TU	09/05/2006	PE	IRR	0	35
7128-3	JOHN SHUBECK	TU	04/13/2009	PE	IRR	1.78	207
CL= Clay; TU= Turner; LC= Water Right, PE= Water Permit; IRR= Irrigation; MUN= Municipal							

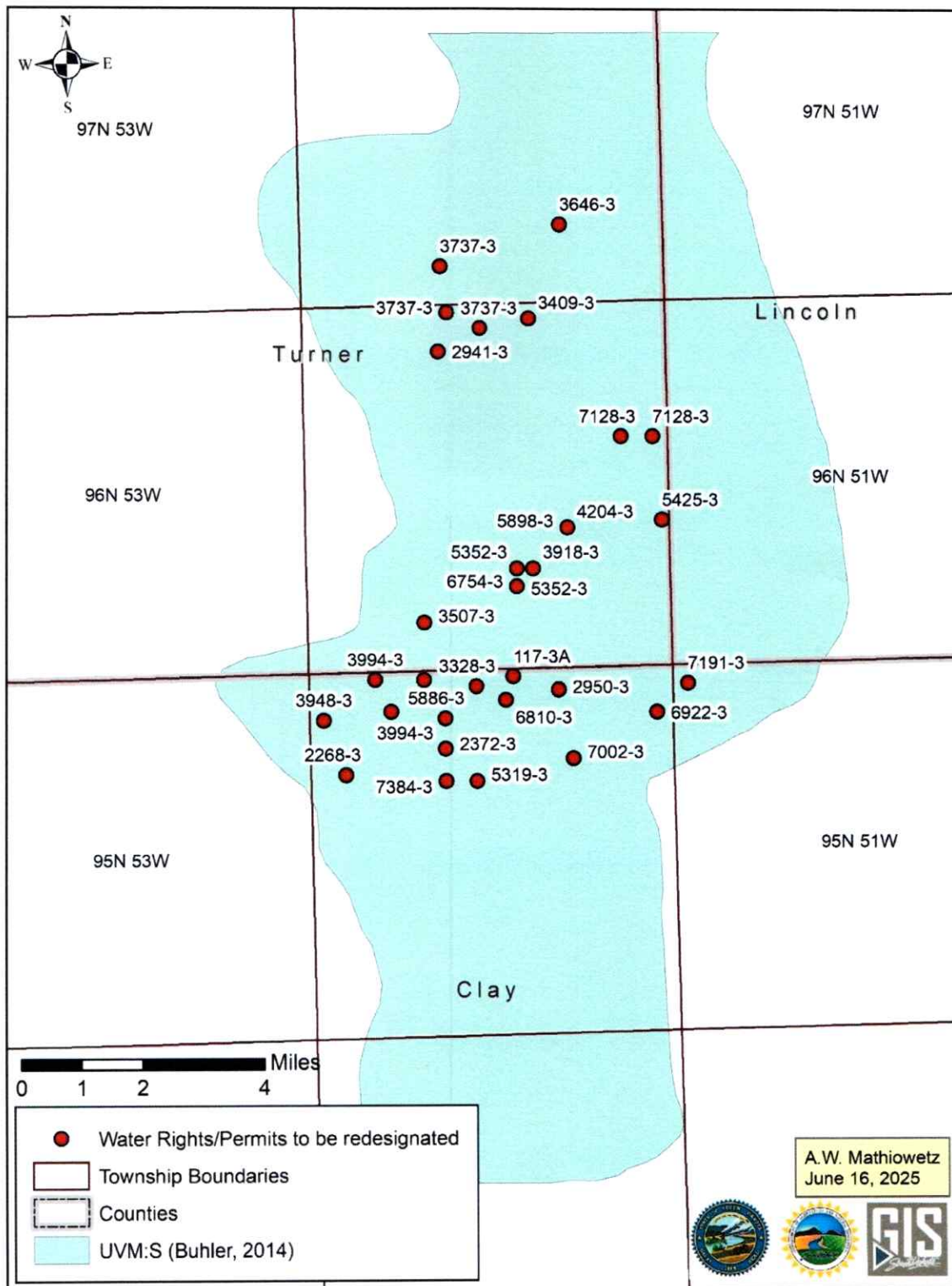


Figure 1- Map of approximate areal extent of the Upper Vermillion Missouri: South aquifer (Buhler, 2014) and water right/permits to be redesignated to include the South management unit designation (Water Rights, 2025)



Adam Mathiowetz
Natural Resources Engineer IV



Mark Mayer
Director of Office of Water

REFERENCES

Buhler, K. A. 2014. Report to the Chief Engineer on 21 Water Permit Applications from the Upper Vermillion Missouri Aquifer. SD DANR – Water Rights Program, Joe Foss Bldg. Pierre, SD.

Water Rights. 2025 Water Right/Permits Database. SD DANR-Water Rights Program. Pierre, South Dakota