

Water Right Number 2268-3

1. Considered MAY 21, 19 75
2. Name of Applicant WILLIAM KNOTSON
3. Post Office Address CENTERVILLE
4. Amount of Water claimed 4.39
5. Source of Water supply GROUND WATER 2 103' WELLS
6. Water to be used for IRRIGATION

Acres to be irrigated 307

7. Water to be diverted and used in CLAY County
about 3W, 4S miles of CENTERVILLE

8. Proof of Publication

Received 11 1ST

Not Received _____

9. Application

Approved _____

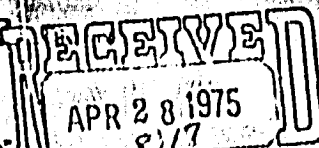
Subject to _____

Not Approved _____

Action Deferred _____

10. Remarks:

Armed

No. 2268-3
 Map No. 1659-3 Water Division No. 3 VERMILLION RIVER
 (Blanks to be filled by the Engineer for the W. R. C.)


APPLICATION FOR PERMIT

STATE WATER RIGHTS COMMISSION
PIERRE, SOUTH DAKOTA

To Appropriate Water within the State of South Dakota

(NOTE--Draw a line through items not applicable)

1. Name of Applicant William Knutson
 Postoffice address Center ville South Dakota State _____
 If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) Direct labor
3. Name of diversion work William Knutson Irrigation Project #1
4. Amount of water claimed (cubic feet per second) 4.32
5. Source of water supply 2 wells
6. Location of point of diversion Well #1 - 2640' N 179° W of NE corner Sec 7 - 95-52
Well #2 - 2310' N 34° W of SE corner Sec 7 - 95-52
 County Clay
7. Annual period or periods during which water is to be used May through October
8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation
9. For irrigation use, Total number of acres to be irrigated 307

List below each forty-acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
NW ¹ of NE ⁴ Sec 7 - 95-52	40	NW ¹ of SE ⁴ Sec 7 - 95-52	40
NE ⁴ of NE ⁴ Sec 7	38	NE ⁴ of SE ⁴ Sec 7	39
SW ⁴ of NE ⁴ Sec 7	40	SW ⁴ of SE ⁴ Sec 7	39
SE ⁴ of NE ⁴ Sec 7	39	SE ⁴ of SE ⁴ Sec 7	14

Attach sheet if more space is needed NW¹ of NW⁴ of NE⁴ Sec 8 - 95-52 18

10. Time required to complete construction of water supply system Five years. Additional time required to complete application of water to the proposed beneficial use three years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Center ville Journal
12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source.

Electrically driven deep well machines on two wells

B. Works proposed to transport water to place of use.

Closed Conduit

C. Works proposed to apply water to beneficial use.

Center Pilot Irrigation MachineEstimated Total Cost \$ 80,000Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map.
(See instructions concerning preparation.)

STATE OF SOUTH DAKOTA

County of BrookingsI, Wm Knutson, the applicant, certify that I have read the foregoing application and have examined the attached map and that the matters therein stated are true and that I intend, and am able to, complete the necessary construction.Subscribed and sworn to before me this 24 day of April, 1975Allen E. Eubank
Notary Public for other qualified officers

WATER RIGHT APPLICATION APPROVAL

The Water Resources Commission hereby approves Water Right Application No. 2268-3
WILLIAM KNUXTSON CENTERVILLE
(Applicant) (Post Office Address)

SOUTH DAKOTA 57014 With the following modifications:

The irrigation well approved under this Permit is located near domestic wells which may obtain water from the same aquifer. The irrigation well owner, under this Permit, shall control his irrigation withdrawals so there is not a reduction of needed water supplies in existing domestic wells.

Date of first receipt of application APRIL 28, 19 75
 Date of return to applicant for correction, amendments or changes required ---, 19 ---
 Date of receipt of corrected application APRIL 30, 19 75
 Approved MAY 22, 19 75, Recorded in Book 14 Page 15

WATER RIGHT PERMIT NO. 2268-3

The Water Resources Commission hereby grants and issues this Water Right Permit No. 2268-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is AUGUST 7, 19 75
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before NOVEMBER 22, 19 77
3. The whole of said work is to be completed on or before MAY 22, 19 80
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is MAY 22, 19 83
5. The water appropriated shall be used for the purpose of IRRIGATION
6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.
7. The amount of the appropriation herein granted shall not exceed 4.39 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and if for the irrigation purposes said appropriation must be limited to not more than 3 acre feet per acre per year and be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied for irrigation on or before MAY 22, 19 83; said water to be used during the following described annual period: MAY THRU OCTOBER

Witness my hand this 7TH day of AUGUST, 19 75

WATER RESOURCES COMMISSION

By:

Wm W Butler
 Chief Engineer, Executive Officer

Certificate of Construction Issued SEPTEMBER 15, 19 77

Water License Issued SEPTEMBER 15, 19 77

12. Principal Features of the Proposed Water Supply System (continued.)

2 identical wells

D. Well Information or Estimates

- (1) Drill Hole, Diameter 2.2", Depth 103'
- (2) Casing, Type Steel Diameter 1.5" Thickness 1/4"
(wired, concrete, steel, etc.)
- (3) Perforated Screen, Type Continuous slot, Diameter 1.2", Length 15'
- (4) Gravel Pack, Thickness 3", Length of gravel pack 30'

E. Dugout Information or Estimates.

- (1) Surface dimensions _____, Depth _____

F. Fill out for Either a Well or a Dugout.

- (1) Water Bearing Materials. (Please attach a copy to test well log if available.)

Character of water bearing materials Wired sand and gravel
getting a bit coarser near bottom

Depth to top of water bearing material 60'

Depth to bottom of water bearing material 103'

Thickness of water bearing material 43'

Depth to water (ground surface to water level) 42'

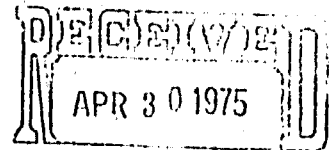
- (2) Distance to nearest existing household or livestock watering wells.

On same owner's property well #1 - 150 On property owned by others well #1 - 75 rds.
well #2 - 135 rds. well #2 - 170 rds.

G. Water Storage Dams.

If the proposed water use system contains one or more water storage dams, please show in the space below, the height, maximum water depth, surface area and storage capacity of each storage dam. The location of each water storage dam should be shown on the water right map.

Wm D. Kuntz
Signature of Applicant



STATE WATER RIGHTS COM.
PIERRE, SOUTH DAKOTA

April 24, 1975

Mr. William D. Knutson
Centerville
South Dakota 57014

Dear Mr. Knutson:

Enclosed please find the copy of the report of analysis for the water sample submitted here about a week ago. The analysis shows that this water is high in total salinity but low in sodium. This means that there is a considerable chance that this water will cause accumulation of salts in the root zone or at the soil surface after a period of use - maybe five or ten years. The salts, however, are pretty largely calcium and magnesium sulfates and are rather low in their toxicity to plants. With moderate use of this water you should be able to irrigate for a nearly indefinite period of time. However, with high use, and with the poor drainage that is characteristic of the Lamoure soils, you may see salt accumulations or a buildup of the water table in a relatively short time. Thus I recommend that you take a careful look at the Clay County Soil Survey Report and perhaps abstain from irrigating the far northeastern part of this tract of land which consists of some Alcester Lamoure silt loams and some of the Trent soils. The Trent soils may perform satisfactorily for quite a length of time or permanently, but the Lamoura soils are already subject to periods of high water tables and could easily give you trouble in a short time.

A copy of this letter is being sent to the State Conservation Commission; your WI-1 form and a copy of the water analysis are also being forwarded to them.

If you go ahead and develop this irrigation system I would recommend that you use primarily alfalfa in a rotation or alfalfa grass mixtures and be careful not to over-irrigate at any time. You should also be aware that the infiltration rate of some of these soils is moderately low and will not stand high rates of application, that is above about .35 inch an hour at the most.

Enclosed you will find a receipt for your payment and a copy of Extension Circular 654 with the quality of your water designated

Cont. . . /2.

Mr. William D. Knutson
April 24, 1975
Page 2.

by an encircled red cross on the outside back cover. Please be guided by the information in this circular.

Sincerely yours,

L. O. Fine

L. O. Fine,
Water Quality Lab

LOF:MRB

Enclosures

cc: State Conservation Commission
Robert Schurrer, Clay County Extension Agent
Darrel Pahl

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(This Form Required for Proposed Well Irrigation Only)

FOR COMMISSION USE ONLY

Irrigation System: _____

Water Quality: _____

Soils Capability: _____

Approved: Bill Gilman
4/27/54

Disapproved: _____

NAME: Wm. D. Knutson

ADDRESS: Centerville So. Dak. 57014

COUNTY: Clay

LEGAL DESCRIPTION

1. WELL LOCATION: T95N R. 52W S.E. 1/4 of Section 7, Riverside Twp.
2. AREA TO BE IRRIGATED: 1320 Acres, E 1/2 Section 7

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate Type): center Pivot
4. CROPS TO BE IRRIGATED: corn Beans ALBALT2

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: 1 to 2 %
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: Clay & sandy loam

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: 95-258
8. SALINITY: EC = 1875 micromhos/cm (high)
9. SODIUM: SAR = 0.67 (low)

I do hereby certify that a chemical analysis of the ground water to be
acquired for irrigation from South Dakota State University and:
the land capability for irrigation information has been acquired from

and:

that the legal description for the location of the well and land to be
irrigated is true and correct.

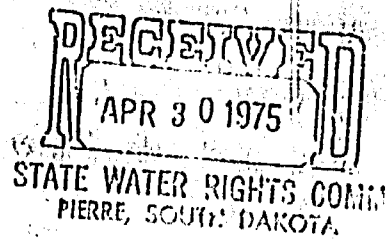
Wm D. Knutson

Subscribed and sworn before me this

14th day of April 1975.

Harold N. Larson
Notary Public
Clay County, S. Dakota

(Title)



REPORT OF ANALYSIS
Water Quality Laboratory
Water Resources Research Institute
South Dakota State University
Brookings, South Dakota 57006

Submitted by: Wm. D. Krutson
 Address: Centerville, SD 57014

Date Rec'd April 16, 1975
 Sample No. 75-258
 Identification Well-
SE 1/4, Sec. 7, T 95N, R 52W

WATER ANALYSIS

Calcium (Ca)	280	ppm*	14.00	me/l**
Magnesium (Mg)	101	ppm	8.28	me/l
Sodium (Na)	51	ppm	2.22	me/l
Potassium (K)	18	ppm	0.47	me/l
Sulfate (SO ₄)	918	ppm	19.08	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	2	ppm	0.07	me/l
Bicarbonate (HCO ₃)	444	ppm	7.28	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		g.p.g.***
Hardness (EDTA as CaCO ₃)				
Alkalinity (Methyl Orange)	364	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1975	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.67			
Sodium	8.89	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	6.98			
Others:				

* ppm = parts per million

** me/l = milliequivalents per liter

*** g.p.g. = grains per gallon

COMMENTS: Total cations 24.97 me/l
 Total anions 26.43 me/l

By: Shirley Litten

Service Performed

Amount Due

Irrigation analysis

\$6.00 PAID

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 75-258

Amount Enclosed \$

Signed

Form 15.

Permit No. 2268-3

Water Diversion No. 3 Vermillion River Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That William Knutson

_____ the holder _____ of
Permit No. 2268-3, issued upon Application No. 2268-3, bearing date of priority of April 28,
1975 authorizing the diversion of 4.39 cu. ft. per second of the waters of _____
ground water County of Clay, State of South Dakota at _____
a point N34°W, 2310 feet from the SE corner, Section 7, T95N,
R52W

_____, for irrigation

purposes, has _____ complied with the provisions of the laws of the State of South Dakota relating to proof of
completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory
condition for diverting and conveying to the place of intended use. 2.0 cu. ft. per second of water.

Date September 15, 1977

By:

WATER RIGHTS COMMISSION

John Hatch
JOHN HATCH, Chief Engineer

WATER LICENSE NO. 2268-3

(1) WHEREAS, On the 28th day of April A. D. 19 75
William Knutson

made Water Right Application No. 2268-3 for a permit to use 4.39 cubic feet per second of the waters
of ground water

County of Clay, State of South Dakota, for irrigation

purposes; and

(2) WHEREAS, On the 22nd day of May A. D. 19 75

Permit No. 2268-3, with a date of priority of April 28, 1975

was issued to said applicant for the diversion of said water, and provided for the completion of construction of the water
supply system therein described on or before the 22nd day of May A. D. 19 80 and for the

application to beneficial use of said water on or before the 22nd day of May A. D. 19 83

and:

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to completion of the construction of the water supply system and is entitled to divert 2.0 cubic feet
per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to the application of water to beneficial use of the following extent,

for irrigating the following land in Section 7, T95N, R52W

NW $\frac{1}{4}$ NE $\frac{1}{4}$ 33 acres

NE $\frac{1}{4}$ NE $\frac{1}{4}$ 11 "

SW $\frac{1}{4}$ NE $\frac{1}{4}$ 30 "

SE $\frac{1}{4}$ NE $\frac{1}{4}$ 20 "

NW $\frac{1}{4}$ SE $\frac{1}{4}$ 39 "

NE $\frac{1}{4}$ SE $\frac{1}{4}$ 39 "

SW $\frac{1}{4}$ SE $\frac{1}{4}$ 17 "

SE $\frac{1}{4}$ SE $\frac{1}{4}$ 17 "

TOTAL 206 acres

(5) NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota, We hereby grant and confirm to William Knutson

of Centerville

the holder _____ and owner _____ of said permit No. 2268-3 a water right, dating from April 20, 1975

to use of 2.0 cubic feet per second of the waters

of ground water

in the County of Clay and State of South Dakota, or so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at _____

a point N34°W, 2310 feet from the SE corner, Section 7, T95N, R52W

and conduct to and upon portions of the E1/2, Section 7, T95N, R52W

described on the face of this License

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 2268-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota

this 15th day of September A.D.

Nineteen Hundred and seventy-seven

WATER RIGHTS COMMISSION

By:

John Hatch
Chief Engineer, Executive Officer JOHN HATCH

NOTICE OF WELL CONSTRUCTION

(1) WELL CONSTRUCTION

WELL LOG

AAA Well Co.
Name of Drilling Contractor

(2) PUMP INSTALLATION

PUMP INSTALLATION

Company name and size of pump Worthington HP 100 H.P.

Type of pump Turbine Capacity of installed pump 250 G.P.M.

Depth of pump placement 75 ft., Date of pump installation July 75

(3) WATER SURFACE MEASURING TUBE

WATER SURFACE MEASURING TUBE
On some wells an air-tight water surface measuring tube is required. See Section 46.403 of Cha. for 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

WELL CONSTRUCTION STANDARDS.
Show exact vertical length of water surface measuring tube, when installed _____ ft, tube diameter _____,
tube material _____.

Name of Pump Installation Contractor

AAA WELL CO.
Paul C. Worm
123 Lakewood Court
Bismarck, N. DAK. 58501

Form 6 - Notice of Intent to Appropriate Water

No. 2268-3

Publish first publication, on or before May 8, 19 75

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

April 30, 19 75

Notice is hereby given that William Knutson
whose post office address is Centerville, South Dakota, has made an application in accordance
with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use
4.39 cubic feet of water per second of time from the ground water through the
William Knutson #1, the point of diversion of which is to be located in the

NE 1/4, S14

of Section 7, Twp. 95N, Range 52W. Said water to be used for the purpose
of providing irrigation on portions of the following described land:

E 1/2, Section 7 and NW 1/4, NW 1/4, Section 8, T95N, R52W

This application No. 2268-3 will be considered by the Water Rights Commission at its office at
Pierre upon the 21st day of May, 19 75, at 2:30 P. M. All interested
persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BFJ/bw

cc: William Knutson, Centerville, S.D. 57014

Form 8 - Proof of Publication - Notice of
Intent to Appropriate Water

No. _____

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Turner) ss.

I, Waldemar Weverstad hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Centerville Journal

A newspaper which during the whole time of publication of said notice
herein after stated, has been and is printed and published in the _____

City Centerville of _____

County of Turner and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

May 8, 1975

May 15, 1975

Waldemar Weverstad
(Signature)

Publisher
(Title)

May 16, 1975
(Date Signed)

NOTICE OF
INTENT TO
APPROPRIATE WATER

Pierre, South Dakota 57501
April 30, 1975
Notice is hereby given that
William Knutson whose post
office address is Centerville,
South Dakota, has made
application in accordance with
the provisions of the water
laws of South Dakota for a
permit to appropriate for bene-
ficial use 4.39 cubic feet of
water per second of time from
ground water through the
William Knutson No. 5178 the
points of diversion of which
are to be located in the NE 1/4
SE 1/4 of Section 7, Twp. 95N,
Range 52W. Said water to be
used for the purpose of pro-
viding irrigation on portions
of the following described
land:

E 1/4, Section 7, Twp. 95N,
NW 1/4, Section 8, Twp. 95N, R. 52W.
This application No. 2268-3
will be considered by the
Water Resources Commission
at their office at Pierre upon
the 21st day of May, 1975, at
2:30 p.m. All interested per-
sons may appear and be heard.
WATER RESOURCES
COMMISSION
By: BURTON F. JONES
Water Rights Specialist
(Publish May 8, 15, 1975)

RECEIVED
AUG 7 1975
STATE WATER RIGHTS COMMISSION
PIERRE, SOUTH DAKOTA

Permit No. 2268-3Water Division 3 Vermillion River Water DistrictREPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE

TO: Water Resources Commission, State Office Building No. 2, Pierre, South Dakota 57501

I have this day made a thorough examination of the water use system constructed by William Knutson
 of Centerville, S. Dak. - 57014 holder
 of Permit No. 2268-3, bearing date of priority of April 28, 1975
 authorizing the diversion of 4.39 cu. ft. per second of the waters of Well
 for Irrigation purposes, in Clay County.

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

The Water Use System consists of,

A. Works used to divert the water:

Pump - Worthington - 4 V Belts drive Pumps 700 gpm
 Engine - General Motors - 4 Cyl Diesel - 120 HP.
 Model # 4031 G. Unit # 4A 93640

B. Works used to transport water to place of use,

Underground - 8" dia. PVC pipe - 2300 ft long

C. Works used to apply water to beneficial use.

South C.P. - Hygromatic. Model B578 FOM 79TP1770
 Serial # 760542480. 8 tower, Water Drive.
 North C.P. Hygromatic, Model B678 FOM 791P1TD
 Serial # 76056318W., 5 tower

The system is in the following condition:

Good

The point of diversion is located 2310 ft. N 34° W of SE Corner Sec 7,
T 95 N, R 52 W.

The works are capable of diverting and conveying to the place of use 2.0
 cu. ft. per second of water which is to be used for Irrigation

Water has been put to beneficial use to the maximum extent as follows: All in sec 7, T95N, R52W
NW 1/4 NE 1/4 - 33 Ac., NE 1/4 NE 1/4 - 11 Ac., SW 1/4 NE 1/4 - 30 Ac.
SE 1/4 NE 1/4 - 20 Ac., NW 1/4 SE 1/4 - 39 Ac., NE 1/4 SE 1/4 - 39 Ac.
SW 1/4 SE 1/4 - 17 Ac., SE 1/4 SE 1/4 - 17 Ac.,

comprising a total of 206 acres of land.

Well data:

Depth 106 ftDepth to water 57 ft.Casiny A.C. 16" dia.Capacity 1500 gpmDate July 22, 1976

LeRoy J. Mernough
 (Signature)



2268-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

January 14, 2000

NOTICE

TO: WILLIAM KNUTSON, 29897 FROG CREEK RD, CENTERVILLE, SD 57014 6122

FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 1999 Irrigation Questionnaire(s)

Our records indicate that the 1999 Irrigation Questionnaire has not been submitted for Permit No(s) 117-3A & 2268-3. The request for the Questionnaire was dated October 7, 1999. The Water Management Board has directed that owners of water permits who have not submitted the 1999 Irrigation Questionnaire be given notice of hearing to determine if any Board action is to be taken concerning this issue.

The hearing will be held at 1:30 pm, March 1, 2000, in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. Following the hearing, the Water Management Board can:

1. Amend Permit No(s) 117-3A & 2268-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

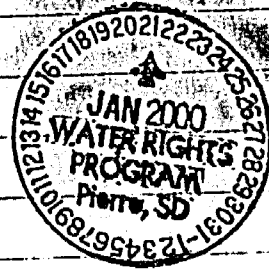
If the questionnaire(s) is(are) received in this office on/or before February 28, 2000, your name will be deleted from the Board agenda. If you have any questions or need assistance with completion of the irrigation questionnaire(s), please contact Genny McMath at (605) 773-3352.

Note: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.

Sorry to be so late but
found this chucked in the
bottom of a drawer.

Does anyone actually keep
track of what days & how
many hrs per day that their
pumps are running? Seems
we have better things to do!

Why is this necessary?



117-3A ; 2268-3



2268-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

February 4, 2000

117-3A
2268-3

William Knutson
29897 Frog Creek Rd
Centerville, SD 57014-6122

Dear Mr. Knutson:

I am writing to acknowledge receipt of your 1999 irrigation questionnaires. You may disregard the January 14, 2000, "Notice" concerning reporting requirements for Water Permit Nos. 117-3A and 2268-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

I would also like to thank you for your comments concerning the necessity of the irrigation questionnaire. I fully understand your frustration with having to take the time to keep track of hours pumped during an irrigation system.

The information reported to us each year by the irrigators is very valuable. We use it as a management tool to assess how much water is being used and whether additional water is available for new water permits. State law requires us to protect water availability for existing water users such as yourself before we issue new water permits.

If you have any questions, please contact me.

Sincerely,

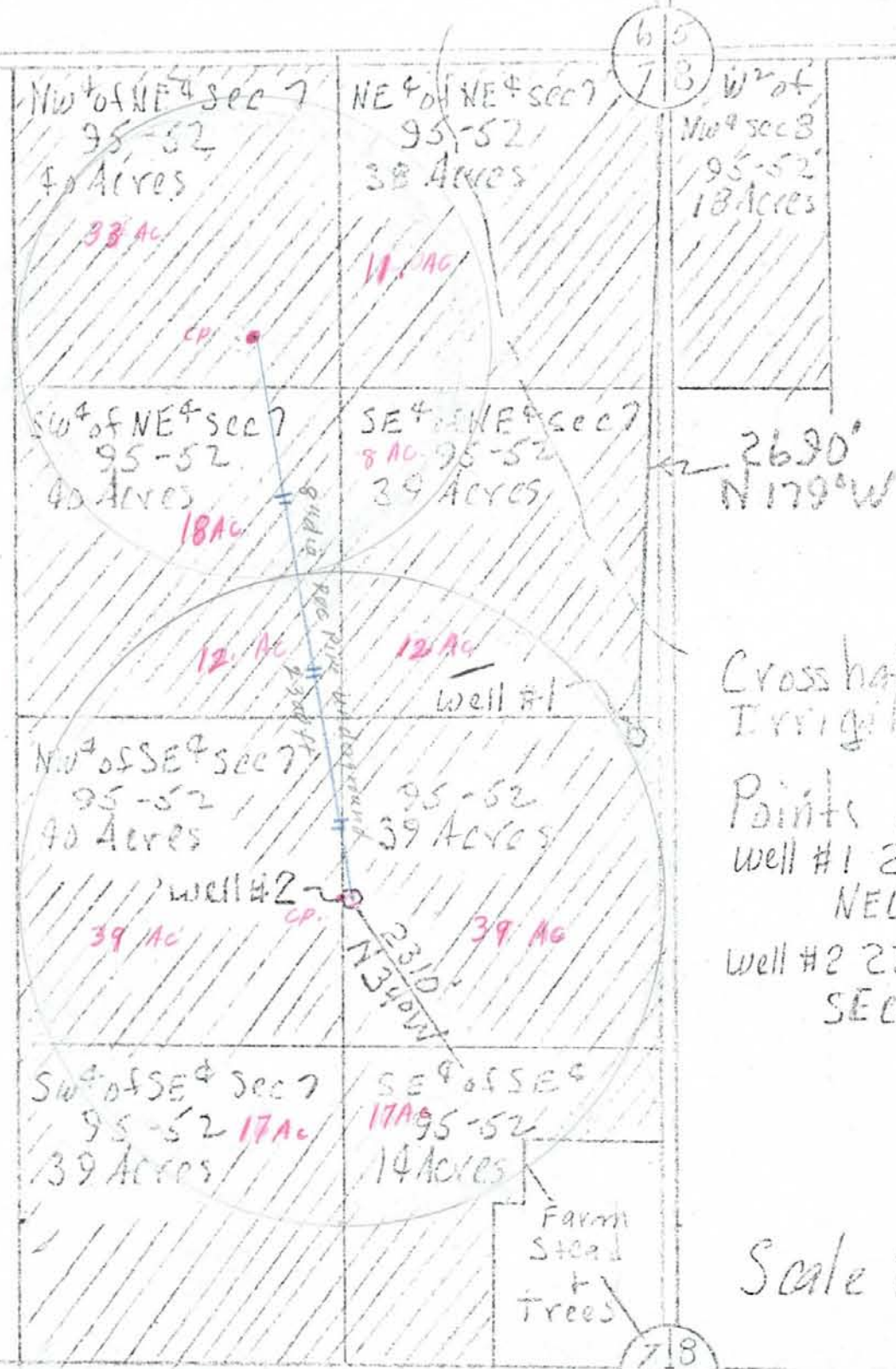
Genny McMath
Environmental Scientist
Water Rights Program
(605) 773-3352

WILLIAM KNUTSON

IRRIGATION PROJECT # 1

Center ville South Dakota
Clay County

Acres Irrigated - 307
Water claimed - 4.39



Crosshatch indicates
Irrigated area

Points of Diversion
Well #1 2690' N 179° W of
NE corner sec 7-95-52
Well #2 2310' N 34° W of
SE corner sec 7-95-52

Scale 8" = 1 Mile

SURVEYOR'S Certificate

I, John L. Wiersma, do hereby certify
that this map identifies a reasonably
accurate record of the land of:

William Knutson
Centerville South Dakota Clay County
Drawn by J.L.W.
John L. Wiersma
APPL NO 2268-3

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

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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

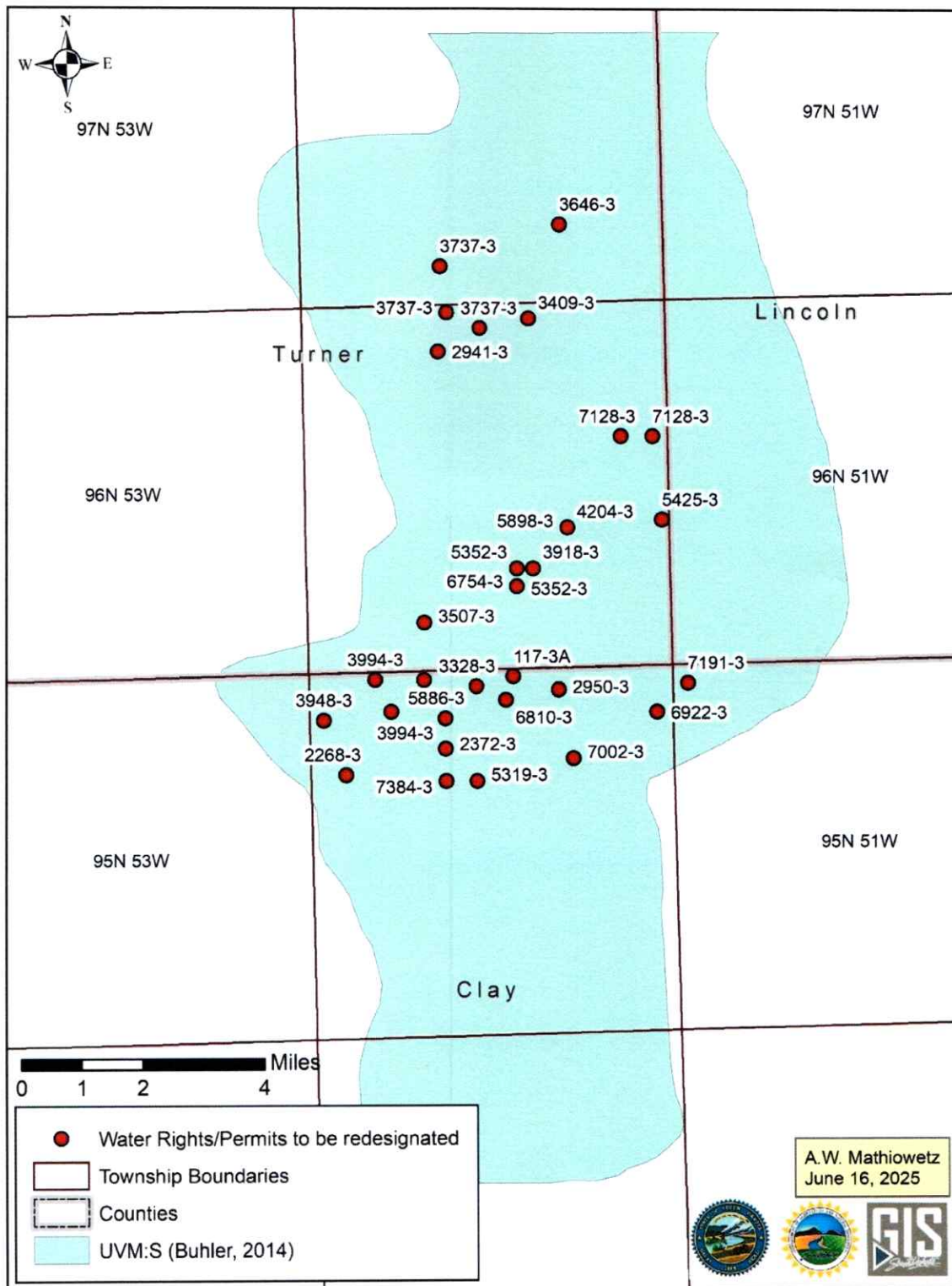


Figure 1- Map of approximate areal extent of the Upper Vermillion Missouri: South aquifer (Buhler, 2014) and water right/permits to be redesignated to include the South management unit designation (Water Rights, 2025)



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