

1. Considered 7-21, 1976 2808-3
2. Name of Applicant DUANE TRIPP
3. Post Office Address MILBANK
4. Amount of water claimed 2.2
5. Source of water supply 18' DEEP DUGOUT
6. Water to be used for IRRIGATION
- Acres to be irrigated 156
7. Water to be diverted and used in GRANT county
about 1E, 5N miles of MILBANK
8. Proof of Publication Received 7-19-76
 Not Received _____
9. Application Approved _____
 Subject to _____
 Not Approved _____
 Action deferred _____
10. Remarks:

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 2808-3
DUANE TRAPP (Applicant) MILLBANK (Post Office Address)
SOUTH DAKOTA 57252 (State) With the following modifications:

IN APPROVING THIS APPLICATION, THE COMMISSION RECOGNIZED THE ERROR IN THE ADVERTISING NOTICE.

Date of first receipt of application JUNE 29 19 76
 Date of return to applicant for correction, amendments or changes required — 19 —
 Date of receipt of corrected application JULY 2 19 76
 Approved JULY 22 19 76, Recorded in Book 15 Page 290

WATER RIGHT PERMIT NO. 2808-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 2808-3 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 JUNE 29 19 76
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before JANUARY 22 19 76
3. The whole of said work is to be completed on or before JULY 22 19 81
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is JULY 22 19 84
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 2.2 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 JULY 22 19 84; said water to be used during the following described annual period: APRIL THRU OCTOBER

Witness my hand this 2ND day of AUGUST 19 76

WATER RIGHTS COMMISSION

By:

John Hatch
 Chief Engineer, Executive Officer

Certificate of Construction Issued January 4 19 79

Water License Issued January 4 19 79

Form 2A - Wells, Dugouts or Water Storage Dams (Supplement to form 2)

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

D. Well Information or Estimates

- (1) Drill Hole, Diameter _____, Depth _____
- (2) Casing, Type _____ Diameter _____ Thickness _____
(wood, concrete, steel, etc)
- (3) Perforated Screen.
Type _____, Diameter _____, Length _____
- (4) Gravel Pack, Thickness _____, Length of gravel pack _____

E. Dugout Information or Estimates.

- (1) Surface dimensions 160' x 70', Depth 18'

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 0' to 2' - Top Soil; 2' to 18'
Sand & gravel.

Depth to top of water bearing material 4'

Depth to bottom of water bearing material 18'

Thickness of water bearing material 14'

Depth to water (ground surface to water level) 4'

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

On same owner's property 80 rds. On property owned by others 1100 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.

Duane E. Gierke
Signature of Applicant

June 30, 1976

Mr. Duane Trapp
Milbank, SD 57252

Dear Mr. Trapp:

We have concluded the analysis of the water sample sent from the dugout in the SE quarter of section 20-121-47. The enclosed copy of the report is yours to keep. I am also enclosing a copy of AES publication #13 with a red cross in the chart on the outside back cover designating the approximate quality of this water for irrigation purposes. As you will see, it is in the medium salinity, low sodium group. Accordingly, it is well suited to irrigation use.

However, the soils that you propose to irrigate are not well suited to irrigation, especially along the escarpment in the northeastern part of the quarter. The soils mapped as 8E and 7D should not be irrigated under any circumstances. There is a small patch of 7D in the northwestern portion of the quarter that will be difficult to manage because of the extreme slope. However, there are no severe effects of the water anticipated in any area outside of this. The only possibility is that the area marked 0.7, the Tonka soil, will give you trouble with equipment getting bogged down. I would be sure that you understand that this Tonka soil may cause center pivot equipment to get stuck and have difficulty. Other than this, I see no difficulties in irrigating the southwestern major portion of the quarter.

A copy of this letter, and of the water analysis are accompanying your soils information and WI-1 form to the State Conservation Commission in Pierre.

Sincerely yours,

L. O. Fine
L. O. Fine
Water Quality Lab

LOF:ckb
Enclosures
cc: State Conservation Commission
D. Pahl
Vern Beare, County Extension Agent



CONSERVATION
COMMISSION
FORM W1 #1

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 16-6-3 AS AMENDED
(THIS FORM REQUIRED FOR PROPOSED GROUND WATER IRRIGATION ONLY)

NAME Duane Trapp
ADDRESS M. I. bank
COUNTY Grant

LEGAL DESCRIPTION

1. WELL LOCATION NW⁴ of Sec 20 - 121 - 47 (dagon)
2. LOCATION OF AREA TO BE IRRIGATED NE⁴ of Sec 19, -121-47

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT ☒ GUN _____
4. CROPS TO BE IRRIGATED Corn + alfalfa

WATER QUALITY

5. SAMPLE NUMBER 76-697
6. SALINITY (EC X 10⁶) 4.30 (medium)
7. SODIUM (SAR) 0.15 (low)
8. RESIDUAL SODIUM CARBONATE (meq/l.) 0

I do hereby certify that a chemical analysis of the ground water representative of that used to irrigate shall be acquired from South Dakota State University and: the soils information has been acquired from Grant Conservation District, County Extension office or Soil Conservation Service.

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

Duane E. Trapp
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
23 DAY OF June 1976.

John Swenson
(TITLE OR SEAL)

Albert J. Duff
APPROVED/DISAPPROVED

(SOILS INFORMATION ON REVERSE SIDE)

IRRIGATION SURVEY REPORT - Duane Trapp

Location: Grant County - NE 19 - 121 - 47

Mapping unit 5A - This unit consists of Heindal-Svea loams, 0 to 2 percent slopes. Heindal soils are deep, well drained, moderately permeable soils formed in calcareous loamy and silty glacial till. Available water capacity is high. Heindal soils are in the 1.0 intake family and have a moderate water intake rate. Svea soils are deep, moderately well drained soils formed in loamy glacial till. They have moderate permeability in the surface layer and subsoil and moderately slow permeability in the underlying material. Available water capacity is high. They have a moderately slow water intake rate and are in the 0.5 intake family.

Mapping unit 5B - This unit consists of Heindal-Svea loams, 2 to 6 percent slopes. Excepting for the slopes these soils are the same as mapping unit 5A.

Mapping unit 6C - This unit consists of Heindal-Sisseton loams, 6 to 9 percent slopes. Heindal soils are deep, well drained, moderately permeable soils formed in loamy and silty glacial drift. Available water capacity is high. Heindal soil is in the 1.0 intake family and has a moderate water intake rate. Sisseton soils are deep, well drained, calcareous soils formed in loamy and silty glacial drift. Permeability is moderate, and available water capacity is moderate or high. Sisseton soils are in the 1.0 intake family and has a moderate water intake rate. Erosion is a moderate to severe hazard on this unit.

Mapping unit 7D - This unit consists of Sisseton-Heindal loams, 9 to 15 percent slopes. These soils are similar to those described in mapping unit 6C.

Mapping unit 8E - This unit consists of Sisseton loam, 15 to 40 percent slopes. Sisseton soils are deep, well drained calcareous soils formed in loamy and silty glacial drift. Permeability is moderate and available water capacity is moderate or high. Sisseton soils are in the 1.0 intake family and have a moderate water intake rate. This unit would have a severe erosion hazard.

Mapping unit 1AA - This unit consists of Fordville loam, 0 to 2 percent slopes. These are moderately deep, well drained soils formed in loamy alluvium underlain by sand and gravel at depths of 20 to 40 inches. Permeability is moderate in the soil and rapid in the underlying sand and gravel. The available water capacity is moderate to high depending on depth to the underlying sand and gravel. Fordville soils are in the 1.0 intake family and have a moderate water intake rate. This soil is well suited for irrigation in regard to available water capacity and internal drainage.

Mapping unit 17A - This unit consists of Renshaw loam, 0 to 2 percent slopes. These are shallow, somewhat excessively drained soils formed in loamy alluvium underlain by sand and gravel at depths of 10 to 20 inches. Renshaw soils have moderately rapid permeability in the upper part and rapid permeability in the sand and gravel. Available water capacity is low, averaging between 4.50 to 5.5% in the 5-foot depth with the majority being in the portion above the sand and gravel. These soils have a fast water intake rate and are in the 2.0 intake family. Renshaw soils are suited to irrigation, but are considered droughty and normally require frequent periods of irrigation to realize the maximum benefit.

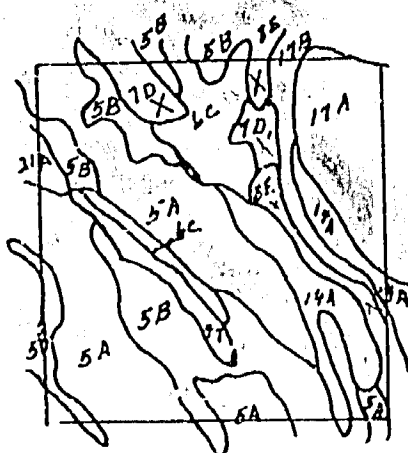
Mapping unit 17B - This unit consists of Renshaw loam, 2 to 6 percent slopes. The soils in this unit are like those described in mapping unit 17A. This unit would have a moderate water erosion hazard.

Mapping unit 21A - This unit consists of Poinsett silt loam, 1 to 3 percent slopes. These are deep, well drained, moderately permeable soils formed in silty glacial drift. Available water capacity is high. Poinsett soils are in the 0.5 intake family and have a moderately slow water intake rate. This soil is suited to irrigation if water of good quality is available.

Mapping unit 47 - This unit consists of Tonka silt loam, 0 to 1 percent slopes. These soils occur in depressions. They are deep, poorly drained soils that have a compact clayey subsoil. They have a high available water capacity, slow permeability in the subsoil, and a moderately slow to slow water intake rate. If the area is extensively irrigated, these soils could be affected by seepage or wetness.

... Duane Trapp

NE $\frac{1}{4}$ 14 - 121 - 47



scale 4" = 1 mile

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

Submitted by: LEROY E. Trapp
 Address: Rt. 2, Box 35
Hillbank, SD 57252

Date Rec'd: June 23, 1976
 Sample No. 76-697
 Identification In out
Sec. 20, T 121N, R 47E

WATER ANALYSIS

Calcium (Ca)	63	ppm*	3.15	me/l**
Magnesium (Mg)	29	ppm	2.38	me/l
Sodium (Na)	6	ppm	0.25	me/l
Potassium (K)	3	ppm	0.08	me/l
Sulfate (SO ₄)	52	ppm	1.07	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	1	ppm	0.04	me/l
Bicarbonate (HCO ₃)	254	ppm	4.16	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	208	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	430	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.15			
Sodium	4.26	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.94			

*ppm=parts per million
 **me/l=millequivalents per liter

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

COMMENTS: Total cations 5.86 me/l
 Total anions 5.27 me/l

By: Shirley Witten

Service Performed	Amount Due
Irrigation analysis	\$8.00 PAID

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 76-697

Amount Enclosed \$

Signed

WATER LICENSE NO. 2808-3

(1) WHEREAS, On the 29th day of June A. D. 19 76
Duane Trapp

made Water Right Application No. 2808-3 for a permit to use 2.2 cubic feet per second of the waters of a gravel pit and dugout

County of Grant, State of South Dakota, for Irrigation purposes; and

(2) WHEREAS, On the 22nd day of July A. D. 19 76
 Permit No. 2808-3, with a date of priority of June 29, 1976

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 July A. D. 19 81 and for the application to beneficial use of said water on or before the 22nd day of July A. D. 19 84

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.

to irrigate portions of land all in Section 19, T12N, R47W as follows:

description	acres
<u>NW 1/4 NE 1/4</u>	<u>35</u>
<u>NE 1/4 NE 1/4</u>	<u>35</u>
<u>SW 1/4 NE 1/4</u>	<u>35</u>
<u>SE 1/4 NE 1/4</u>	<u>35</u>
<u>TOTAL</u>	<u>140</u>

(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 Duane E. Trapp

_____ of Millbank, South Dakota

the holder _____ and owner _____ of said permit No. 2808-3 a water right, dating from June 29, 1976

_____ to use of _____ cubic feet per second of the waters of a gravel pit and dugout

_____ Grant

in the County of _____ and State of South Dakota, to so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at xx 1450 feet North 175 East from NE corner, Section 19 T121N, R47W

and conduct to and upon portions of land in Section 19, T121N, R47W more fully described on the face of this license

for the purpose of Irrigation

Subject to any limitations listed in Water Right Permit No. 2808-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 4 day of January A. D.
Nineteen Hundred and Seventy-nine

WATER RIGHTS COMMISSION

By: John Hatch
Chief Engineer, Executive Officer JOHN HATCH

Form 15.

Permit No. 2808-3

Water Diversion No. 3 Whetstone Creek Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify That Duane E. Trapp

_____ the holder _____ of
Permit No. 2808-3, issued upon Application No. 2808-3, bearing date of priority of June 29, 1976
_____ authorizing the diversion of 2.2 cu. ft. per second of the waters of _____
a gravel pit & dugout County of Grant, State of South Dakota xxx
1450 feet North 175° East from NE corner, Section 19, T121N, R47W

_____ 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 January 4, 1979

By:

WATER RIGHTS COMMISSION

John Hatch
JOHN HATCH, Chief Engineer

Form 6. - Notice () Intent to Appropriate Water

No. 2808-3

Publish first publication, on or before

July 12, 1976

NOTICE OF INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

July 6, 1976

Notice is hereby given that Duane Trapp

whose post office address is Milbank, 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 2.2 cubic feet of water per second of time from ~~the~~ ground water through the

Trapp #2, the point of diversion of which is to be located in the

NE 1/4 NW 1/4 SW 1/4 NW 1/4

of Section 20 10, Twp. 121N, Range 47W. Said water to be used for the purpose of providing irrigation on the following described land:

NE 1/4, Section 10, T121N, R47W

This application No. 2808-3 will be considered by the Water Rights Commission at the Court House at Winner, S.D.

upon the 21st day of July, 1976 at 10:00 A.M. All interested persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES, Water Rights Specialist

BFJ/bw
cc:

Duane Trapp, Milbank, S.D. 57252

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

No. 2808-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Codington) ss.

I, John H. Lowrie hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Watertown Public Opinion

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

July 9th, 1976

July 16, 1976

(Signature)

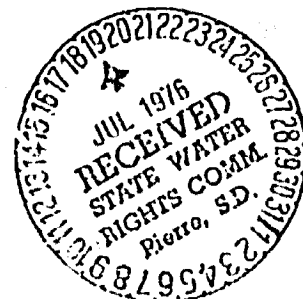
General Manager

(Title)

July 16th, 1976

(Date Signed)

PUBLIC NOTICE
NO. 2808-3
NOTICE OF INTENT
TO APPROPRIATE WATER
Pierre, South Dakota 57501
July 6, 1976
Notice is hereby given that Duane
Trapp whose post office address is
Milbank, 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 2.2 cubic feet of
water per second of time from
ground water through the Trapp No. 2,
the point of diversion of which is to
be located in the NE 1/4 NW 1/4 of
Section 19, Twp. 121N, Range 47W.
Said water to be used for the purpose
of providing irrigation on the
following described land: NE 1/4,
Section 19, T121N, R47W.
This application No. 2808-3 will be
considered by the Water Rights
Commission at the Court House at
Winner, S.D., upon the 21st day of
July, 1976, at 10:00 A.M. All in-
terested persons may appear and be
heard.
WATER RIGHTS 340265
COMMISSION
By: Burton F. Jones, AS
Water Rights Specialist LS 90
(July 9, 16, 1976)



NOTICE OF COMPLETION OF WORKS AND/OR
APPLICATION OF WATER TO BENEFICIAL USEPost Office Millbank, S.D.Date July 1 - 1977TO: Water Rights Commission
Joe Foss Building
Pierre, South Dakota 57501

Dear Sirs:

This is to inform you that I have completed the construction of the water diversion system and/or that I have put the water to beneficial use to the maximum extent it is going to be used, not exceeding the amounts as specified in Water Right Permit No. 2808-3

Water Right Permit No. 2808-3 states that the diversion system is to be constructed by _____, 19____ and that the water is to be put to beneficial use by _____, 19____.

The diversion system was completed on May 25, 19 77.
Applying the water to beneficial use was completed on June 1, 19 77.

You may schedule an inspection so that the Certificate of Construction and/or the Water License may be issued, thus completing my acquisition of a water right.

Duane E. Grapp
(Signature)

78083 Drive & Tapp by H. H. H. H. H.

77678 Chrysler 6 Cyl Diesel 90 HP Contin

Wobley pump Model B9 J.

H 809- CW

145 ft 2" alum pipe

Boyle CP 40 ft 2" alum pipe

Boyle Drive

Permit No. 2808-3Water Division 3 Whetstone Creek 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 Diane E Trapp
 of Alibank, South Dakota, 57252 holder
 of Permit No. 2808-3, bearing date of priority of June 29, 1976
 authorizing the diversion of 2.2 cu. ft. per second of the waters of Gravel Pit - Dugout
 for Irrigation purposes, in Grant 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:
Engine Chrysler 6 cyl. Diesel, 90 HP continuous,
Pump - Berkeley Model B45H809-CW
Pumping 900 gpm

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

1450 ft 8" Aluminum Pipe.

C. Works used to apply water to beneficial use.

Pringle Center Pivot. Elec. drivenThe system is in the following condition: Good.

The point of diversion is located 1450 ft N 175° E from NE corner of
Section 19, T121N R47W

The works are capable of diverting and conveying, to the place of use 2.0cu. ft. per second of water which is to be used for IrrigationWater has been put to beneficial use to the maximum extent as follows: All in sec. 19, T121N R47W

NW 1/4 NE 1/4 - 35 Ac. NE 1/4 NE 1/4 - 35 Ac. SW 1/4 NE 1/4 - 35 Ac.
SE 1/4 NE 1/4 - 35 Ac.

comprising a total of 140 acres of land.

Date December 12, 1978
LeRoy J. Mennigh
 (Signature)

RECEIPT

WATER RIGHTS COMMISSION
State of South Dakota

No 4 6661

PIERRE, December 22, 1970

RECEIVED OF Duane E. Trapp: RR2, Box 55; Milbank, SD 57252

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

Fee for Application for Permit to Appropriate Water No. _____ (examination, processing, recording and filing) _____		
Fee for Inspecting Construction, and issuing Cert. of Construction No. 2808-31	...	50.00
Fee for Inspecting Beneficial Use, and issuing Water License No. 2808-31	...	
Fee for Issuing Location Certificate-Dry Draw, No. _____		
Fee for filing _____		
Fee for certified copy of _____		
Fee for Print copy of map _____		
Fee for Certifying _____		
Fee for _____ (any other work as provided by law)		
TOTAL	50	00

WATER RIGHTS COMMISSION

By: *John Patch*
Chief Engineer, Executive Officer
JOHN PATCH, bt



#2808-3

Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

February 17, 1989

Duane E. Trapp
RR 1, Box 218
Milbank, SD 57252

Dear Mr. Trapp:

On October 6, 1988, the Water Management Board adopted rules to implement a 1988 law for application of chemicals through irrigation systems. The rules establish equipment standards, performance standards and installation requirements for irrigation systems that apply chemicals (fertilizers, insecticides, or herbicides) with irrigation water.

You have indicated on your 1988 Water Management Board Irrigation Questionnaire that you do apply chemicals with irrigation water. A copy of the new rules for chemigation are enclosed for your information.

The new standards include:

- * a check valve between the irrigation pump and the point of chemical injection;
- * a vacuum relief valve on top of the pipeline between the irrigation pump and the irrigation pipeline check valve;
- * a low-pressure drain on the bottom of the pipeline between the irrigation pump and the irrigation pipeline check valve;
- * a chemical injection line check valve between the chemical injection pump and the point at which the chemical is injected into the irrigation line; a second check valve is required if the chemical injection pump is not a positive displacement pump;
- * an interlock system which ensures that the chemical injection pump will stop whenever the irrigation pump stops;
- * an inspection port between the irrigation pump and the check valve on the irrigation line;

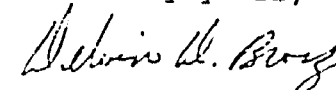


Each of these equipment requirements are discussed more thoroughly in Sections 74:02:09:05 through 74:02:09:10 of the enclosed rules. Appendix A contains diagrams of the arrangements of these anti-pollution devices.

The equipment must be installed according to the manufacturer's specifications, calibrated, and maintained in good working condition. All chemical product labels must be followed and warning signs must be posted. These rules also require reporting of all spills, accidents, and system malfunctions. A 24-hour telephone number is provided.

The chemigation rules contain notification and record keeping requirements. Prior to using chemigation, notification must be given to the Chief Engineer on the enclosed Form 1C. Information that must be provided in this notification includes the water permit or right number, the name, address, and telephone number of the water permit or right holder and of the system operator, and the legal description of the lands on which the system is located. A record of the name, quantity, dates and hours of each chemical applied must be provided to the Chief Engineer on Form 2C. A copy of this form is also enclosed for your information. It will be mailed with the annual irrigation questionnaire and must be returned with the questionnaire by the date specified. If you have any questions regarding these rules or need additional copies of the forms, please contact Susan Bowar, Water Rights Engineer (605-773-3352).

Very truly yours,

for 
JOHN HATCH, Chief Engineer
Water Rights Division



2808-3

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCESJOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

February 7, 1995

NOTICE

TO: DUANE E. TRAPP
RR1 BOX 218
MILBANK, SD 57252

FROM: Ron Duvall, Natural Resources Engineer IV
for JOHN HATCH, Chief Engineer
Water Rights Division

RE: Failure to Report Chemical Use under Water Permit No(s) 2808-3

The first notice to file chemigation report(s) for Permit No(s) 2808-3 was dated November 3, 1994. Our records indicate that we have not received the 1994 chemigation report for Permits No(s) 2808-3. The Water Management Board has directed that owners of water permits who have not submitted the 1994 chemigation report(s) be given notice of violation and of hearing before the Board. The hearing held by the Board is to determine what action is to be taken concerning violation of Administrative rule 74:02:09:02(3). This rule requires chemigation users to report the type of chemical applied, the dates, hours and amount of chemical application.

The hearing will be held at 9:30 A.M. on March 8, 1995, in the Crown Room, 3RD Floor, Kings Inn Best Western Convention Center, 220 South Pierre Street, Pierre, SD and will be conducted pursuant to SDCL 34A-2A through 34A-2A-5; 46-1-12, 46-1-14, 46-2-11, 46-2-17. These are contested case hearings pursuant to SDCL 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation or up to three years for the second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s). 2808-3 in accordance with applicable provisions of SDCL 46-1-12;
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. Prior to March 3, 1995, contact the Water Rights Division, 523 E. Capitol, Pierre, SD 57501-3181 (605 773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.

NOTE: If the chemigation report(s) is(are) received by this office prior to March 8, 1995, you will no longer be in violation and your name will be deleted from the board agenda.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Duane E. Trapp
RR 1, Box 218
Milbank, SD 57252

4a. Article Number

2808-3
P 757 566 430

4b. Service Type

☐ Registered

☐ Insured

☒ Certified

☐ COD

☐ Express Mail

☐ Return Receipt for Merchandise

7. Date of Delivery

2-10-95

5. Signature (Addressee)

6. Signature (Agent)

X Duane Trapp
X DUANE TRAPP

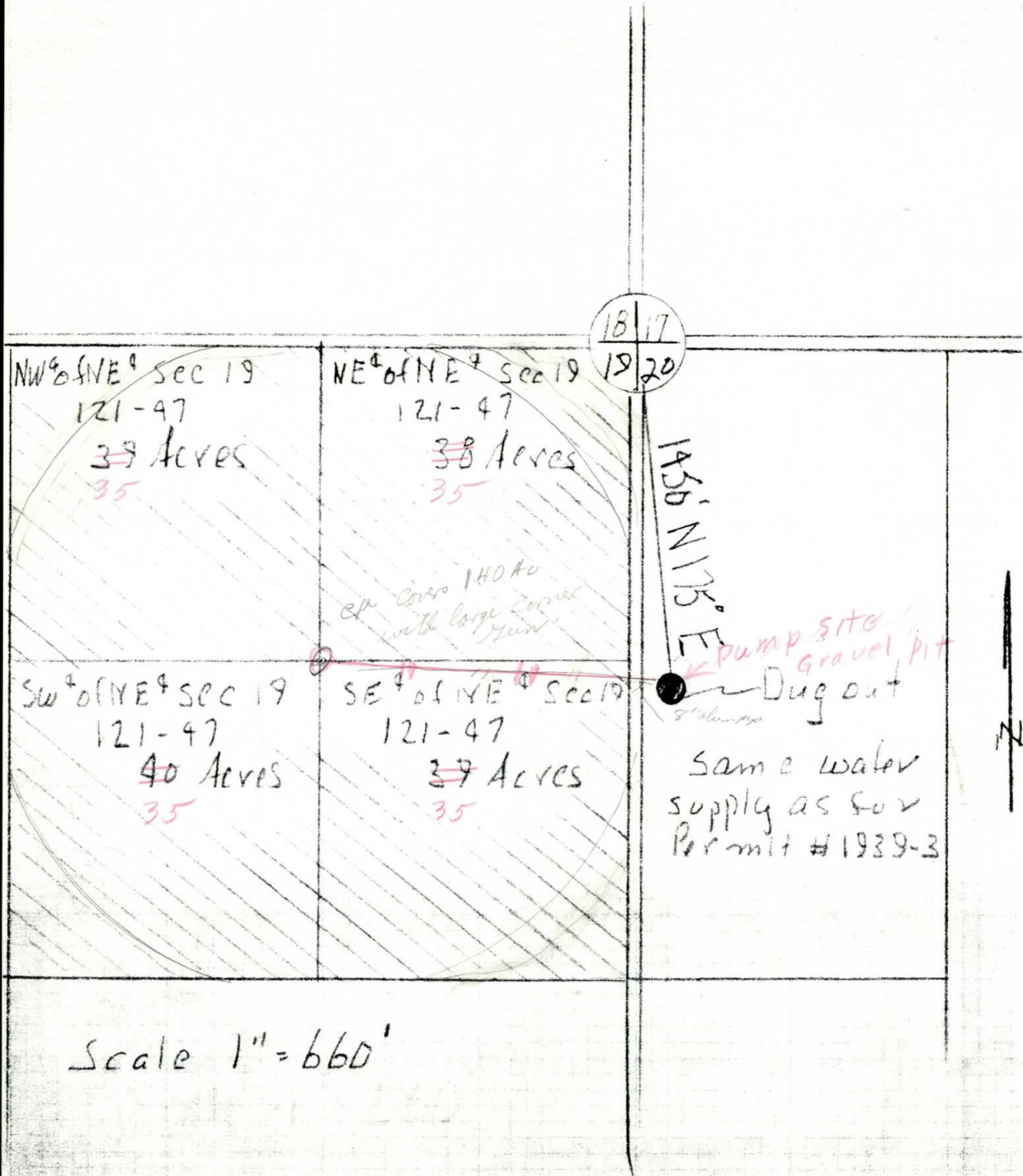
8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991

U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.



DUANE TRAPP

Irrigation Project #2
Milbank S. Dakota

Aces Irrigated - 156
Water claimed - 2.2 cfs
Point of Diversion - 1450' N 175° E of NW corner
Sec 20 - 121-47

Surveyor's Certificate

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

Duane Trapp

Milbank S. Dakota
Grant County
Drawn by J.L.W.
John L. Wiersma
6-24-76
P.E. #1916
Brookings
Map No 2164-3 APS Date 2808-3

Genny,

Water Right 2808-3, Duane Trapp, needs to be transferred. Larry Trapp, wants us to send him the transfer forms to him so he can pay for the transfer, but put his mother's name on the license.

The IQ will still get sent to the renter, Liebe Farms c/o Jason Liebe.

Larry Trapp
14547 480th Ave
Milbank, SD 57252

Kathleen Trapp
302 S 5th St., #202
Milbank, SD 57252

Mike



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

April 11, 2016

2808-3

Larry Trapp
14547 280th Ave
Milbank SD 57252

Dear Mr. Trapp:

I am writing in follow-up to your phone conversation with Mike DeFea in our program concerning Water Right No. 2808-3, listed in the name of Duane Trapp.

Enclosed is a partially completed Notice of Transfer of Ownership form for filing an ownership change. You mentioned to Mike the water right should be listed in Kathleen's name. Please review the form and complete as needed. Mrs. Trapp should sign the form as the owner. Upon completion, please return it to our office with a required filing fee of \$50.00. The check or money order for the fee can be made payable to the Water Rights Program.

Thank you in advance for helping to update the water right. As requested, the annual irrigation questionnaire will still be mailed to Liebe Farms as the renter.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

enclosure

RECEIVED

APR 21 2016

WATER RIGHTS
PROGRAM

NOTICE OF TRANSFER OF OWNERSHIP

To: Chief Engineer
Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

No. 2808-3

Date: 4-16-16

I/We request that Water Right No. 2808-3

formerly owned by: Duane Trapp

be transferred to: (name & address)

Kathleen A. Trapp
362 S. 5th St. Milbank, S.D. 57252 No Phone
Contact Harry Trapp AT Telephone No. 605-432-4712

Title to the following described land(s)/property has been transferred as described above:

140 acres - NE 1/4 Section 19, T121N, R47W

I/We understand that the validity of Water Right No. 2808-3 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

You are requested to file this "Notice of Transfer" in the appropriate file with the Water Rights Program, as evidence of the change of ownership.

A fee of Fifty Dollars (\$50.00) is required to cover the filing fees as required under SDCL 46-2-13. This form must be signed by the new owner.

I/We Kathleen A. Trapp, the new owner, certify that the above information is true and correct.

Kathleen A. Trapp
(Signed by new owner)

NOTE: Water permits may be cancelled for nonconstruction after the five year construction period has expired. Once a water permit is developed and the water used, the permit becomes a right. A water right may be lost for three reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three year period without legal excuse.
3. For a third violation of a condition of a water permit/right.

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 4/21, 20 16

RECEIVED OF Larry Trapp 14547 480th Ave Milbank SD 57252

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	50	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 <u>2808-3</u>		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____	50	00
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	50 00

No. **07831**

By *Sam Healdner*
Chief Engineer



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

April 25, 2016

2808-3

Larry Trapp
14547 480th Ave
Milbank SD 57252

Dear Mr. Trapp:

Thank you for helping to update Water Right No. 2808-3 with current ownership. The ownership change has been completed.

Water Right No. 2808-3 formerly held by Duane Trapp is now listed in the name of Kathleen A Trapp. The annual irrigation questionnaire for this water right will continue to be directed to your attention.

Enclosed for your records is Receipt No. 07831 in the amount of \$50 which you paid for filing the ownership change. If you have any questions, please contact me.

Sincerely,

Genny McMath
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

enclosure

2808-3



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

April 28, 2020

2808-3

Jason Liebe
105 W 8th
Milbank SD 57252

Dear Mr. Liebe:

Thank you for contacting us concerning the need for an ownership change on Water Right No. 2808-3. The water right is currently listed in the name of Kathleen A Trapp.

Enclosed is a partially completed "Notice of Transfer of Ownership" form for use in filing an ownership change. Please review and complete as needed. Upon completion, please sign and return the form to our office with a required filing fee of \$50. The check or money order for the fee can be made payable to the Water Rights Program.

Additionally, we talked about the possibility of changing the point of diversion to a well instead of the gravel pit. An existing water right may be amended to change the point of diversion or add a point of diversion provided 1) the water source remains unchanged; 2) no additional water is appropriated; 3) no new land is irrigated; and 4) the Chief Engineer makes a finding that the potential for interference with existing diversions is not increased.

Enclosed is a water permit application form to begin that process. Do not submit a fee at this time. Once the application is reviewed, the Chief Engineer will decide on whether the change in location meets the criteria for an amendment or if a new application will need to be submitted. You would be notified either way once the review process has been completed.

Sincerely,

A handwritten signature in black ink, appearing to read "Genny McMath". The signature is fluid and cursive, with a large initial "G" and a stylized "M".

Genny McMath
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

enclosures

PAID

MAY - 7 2020

Ck# 2334

NOTICE OF TRANSFER OF OWNERSHIP

RECEIVED

To: Chief Engineer
Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

MAY 07 2020

WATER RIGHTS
PROGRAM

No. 2808-3

Date: 5-5-20

I/We request that Water Right No. 2808-3

formerly owned by: Kathleen A Trapp

be transferred to: (name & address)

Jason S. Liebe
105 W 8th Ave, Milbank, SD 57252

Telephone No. 605-467-1492

Title to the following described land(s)/property has been transferred as described above:

140 acres - NE ¼ Section 19, T121N, R47W

I/We understand that the validity of Water Right No. 2808-3 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

You are requested to file this "Notice of Transfer" in the appropriate file with the Water Rights Program, as evidence of the change of ownership.

A fee of Fifty Dollars (\$50.00) is required to cover the filing fees as required under SDCL 46-2-13. This form must be signed by the new owner.

I/We Jason S. Liebe, the new owner, certify that the above information is true and correct.


(Signed by new owner)

NOTE: Water permits may be cancelled for nonconstruction after the five year construction period has expired. Once a water permit is developed and the water used, the permit becomes a right. A water right may be lost for three reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three year period without legal excuse.
3. For a third violation of a condition of a water permit/right.

RECEIPT**WATER RIGHTS PROGRAM**

South Dakota Department of Environment and Natural Resources

Date May 7, 2020RECEIVED OF Jason S/Kristy A Liebe 520 S 1st St Milbank SD 57252

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	\$
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 <u>2808-3</u>	\$50.00
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	\$50.00

By Eric Gronlund

Chief Engineer

vm

2808-3



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

May 13, 2020

2808-3

Jason S Liebe
105 W 8th Ave
Milbank SD 57252

Dear Mr. Liebe:

I am writing to acknowledge receipt of the transfer form and filing fee you submitted for changing ownership on Water Right No. 2808-3.

The ownership change has been completed. The water right formerly held by Kathleen A Trapp is now listed in your name.

Enclosed for your records is a receipt in the amount of \$50 which you paid for filing the transfer. If you have any questions, please let me know.

Sincerely,

Genny McMath
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

enclosure

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

Mail to: DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. _____ (office use only) Hydrologic Unit _____
	Basin _____
	Newspaper _____

RECEIVED
JUN 16 2020
WATER RIGHTS
PROGRAM

Application For Permit To Appropriate Water For Irrigation

Type of Application: ☐ New ☐ Vested Right ☒ Amendment/Correction to Permit No. 2808-3
(Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)
New Well, 300' to West Approx.

1. Name to Appear on Irrigation Permit Jason S. Lieke

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

Mailing Address 105 W 8th Ave Millbrook SD 57252
(Address) (City) (State) (Zip Code)

Phone 605-467-1492 Mobile _____ Email liekefarm5@gmail.com

2. Amount of water claimed _____ *CFS or 900 **GPM ***AF Total Acreage 140.0
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acres - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply dugout

4. Location of point of diversion 19-121-47 W. 300' West of Dugout
(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)

County Grant

5. County or counties where water will be used Same as current 2808-3 Permit

6. Annual period during which water is to be used Apr. 1 - Oct.

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

Land Description	Acres	Land Description	Acres

8. Give a description of the project. (Attach sheet if more space is needed)
Same Water Source, Acres, Gallons/Minute as used in
Permit # 2808-3. Just Moving 300' to West

I, Jason S. Lieke, 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.

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)



DENR
SOUTH DAKOTA

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

July 23, 2020

Jason S. Liebe
105 West 8th Avenue
Milbank, SD, 57252

Dear Mr. Liebe:

I am writing in regard to Water Right No. 2808-3 and the request to change authorized diversion point from an existing dugout to a new well.

Water Right No. 2808-3 appropriates 2.0 cfs from a dugout, that incises the Veblen aquifer and is located in the SW 1/4 NW 1/4 Section 20-T121N-R47W, to irrigate 140 acres in the NE 1/4 Section 19-T121N-R47W. The new well is to be constructed in the SE 1/4 NE 1/4 Section 19-T121N-R47W, approximately 300 feet to the west of the existing dugout. In order to utilize the same water source, the proposed well cannot be drilled to a depth greater than 100 feet.

Upon review of the request and pursuant to SDCL 46-5-13.1, the change in the diversion point and construction of the new well are authorized without application or publication of a notice of hearing pursuant to SDCL 46-2A-4. If the peak rate diverted from the new well exceeds the authorized amount of 2.0 cubic feet of water per second (900 gpm), a new water right permit will need to be obtained.

If you have any questions, please contact Blaise Hansen at (605) 773-3786.

Sincerely,

Eric Gronlund, Chief Engineer
Water Rights Program

Approval of Location Change of Diversion Point

NAME: Jason S. Liebe

ADDRESS: 105 West 8th Avenue, Milbank, SD, 57252

DATE: July 23, 2020

COUNTY: Grant

TELEPHONE: (605) 467-1492

BACKGROUND:

Water Right No. 2808-3 appropriates 2.0 cfs from a dugout, that incises the Veblen aquifer and is located in the SW 1/4 NW 1/4 Section 20-T121N-R47W, to irrigate 140 acres in the NE 1/4 Section 19-T121N-R47W. A licensing investigation found that the dugout is used to supply the irrigation authorized by Water Right No. 2808-3 by piping water through a closed conduit to a center pivot irrigation machine. Mr. Liebe submitted a request to change the diversion point to a new well that is to be constructed in the SE 1/4 NE 1/4 Section 19-T121N-R47W, approximately 300 feet to the west of the existing dugout.

AUTHORITY:

Pursuant to SDCL 46-5-13.1, the location of a diversion point may be changed or additional diversion points may be licensed provided the following conditions are met and the potential for interference with other existing diversions is not increased:

- **Developed water source same as permitted source and no additional water appropriated**

The water source remains the Veblen aquifer if the proposed well is drilled to no greater than 100 feet. The licensing investigation found the diversion rate from the dugout to be 2.0 cfs. Therefore, no additional water is appropriated if the pump installed in the well is limited to 2.0 cfs.

- **If irrigation, no new land is irrigated**

Water Right No. 2808-3 authorized 140 acres of irrigation and the licensing investigation found the same 140 acres will continue to be irrigated.

- **Review of Existing Diversions**

A review of domestic wells and existing water rights was conducted in the surrounding area of the proposed diversion point. Based on the Water Rights Program's well completion report database, there are four test holes and four wells within one mile of the proposed diversion point with the closest at approximately 1/4 mile to the southeast. Records show that the wells are under water table conditions. A review of water rights shows that the nearest permitted wells, 2759-3, 3954-3 and 2994-3, are located between 0.5 and 0.7 miles to the south and southeast of the proposed diversion point. These wells are also under water table conditions. Therefore, pumping from a well, instead of a dugout, completed the Veblen aquifer will not increase the potential for adverse effects on neighboring adequate wells. There is no history of well interference complaints in this area.

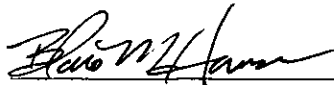
The Water Rights Program maintains a Veblen aquifer observation well 0.75 miles south of the proposed diversion point. The observation well shows that water levels have been stable over the period of record. The aquifer responds in a consistent pattern to climatic precipitation changes by rising during wet periods and declining during drier periods. The hydrographs also show the aquifer consistently recovers its water level after the irrigation season is finished. This indicates that climatic conditions rather than pumping dominate the water level in the aquifer. As a result, it is not anticipated that drawdown created by pumping the proposed well will unlawfully impair existing adequate wells.

CONCLUSION

- The change in the diversion point does not appropriate additional water.
- The well, as proposed, will be completed into the Veblen aquifer. The same aquifer as the existing dugout.
- Well interference is not expected to be a concern.
- Existing adequate domestic wells will not be unlawfully impaired by authorizing this change in diversion point location.

RECOMMENDED ACTION

Based on the above criteria, it is recommended that the change of diversion point be authorized under Water Right No. 2808-3.



Blaise Hansen
Water Rights Program

The Chief Engineer makes a finding pursuant SDCL 46-5-13.1 and ARSD 74:02:01:14.01 that:

The change of diversion point does not increase the potential for adverse effects to existing diversions:



Eric Gronlund, Chief Engineer
Water Rights Program

2806-3

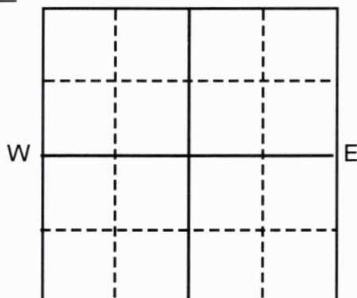
SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SE 1/4 NE 1/4 Sec 19 Twp 121 Rg 47County GRANT

North

Please mark well location with an "X"



Well Completion Date

October 16, 2021

1 Mile

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
700.0 ft. from SEPTIC (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

MUD ROTARY

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	12.00 IN	0.0 FT	119.0 FT	17.50 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
BENTONITE	58	Lb/gal	0.0 Ft	115.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure
TREMIE PIPED

SCREEN:

☐ Perforated pipe ☒ Manufactured
 Diameter 12.00 Inches Length 20.0 Feet
Material PVC SLOTTEDSlot Size .032 Set From 119.0 Feet to 139.0 FeetOther information 12" 20' STAINLESS STEEL .040 SLOT SET FROM 139' TO 159'

WAS A PACKER OR SEAL USED?

☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☐ Yes, How?

Lab to which water

quality sample sent for analysis

☒ No, Why Not? IRRIGATION WELL
Well Owner: JASON LIEBEBusiness Name: LIEBE FARMSAddress: 520 S 1ST STREETCity, State, Zip: MILBANK SD 57252

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
TOPSOIL	0	3
CLAY BLACK SILTY	3	6
CLAY BROWN	6	8
GRAVEL	8	23
SAND AND FINE GRAVEL	23	28
SAND	28	148
SAND W/ SOME GRAVEL	148	159
ROCK	159	

STATIC WATER LEVEL 18.0 FEET

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced flow rate _____ GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe:☐ Bailed☐ Other

Pumping Level Below Land Surface

53.0 Ft. After 8.0 Hrs. pumped 630.0 GPM

_____ Ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate: _____ GPM

REMARKS

GPS N 45 16.7060 W 96 35.8210

This well was drilled under license # # 475 and this report is true and accurate.Drilling firm: THEIN WELL COMPANY, INC

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

RECEIVED

NOV 15 2021

Date:

WATER RIGHTS PROGRAM

Liebe Farms - Milbank SD

Legend

 Feature 1

SEALED 12" 115' WELL 10/16/2021
Liebe Farms 12 " 115' Well  Liebe Farms 115' Test Hole # 1

Liebe Farms Test Hole # 2 158'  159' 12" WELL COMPLETED 10/16/2021
N 45 16.7060 W 96 35.8210

Google Earth

© 2021 Google

480th Ave

145th St

145th St

4

31

31

4

4

N

1000 ft