

Water Right Number 2053-3

1. Considered N. VEMBER 13, 19 74
2. Name of Applicant FRANCIS (BUD) HEINE
3. Post Office Address VERMILLION
4. Amount of water claimed 13.20
5. Source of water supply GROUND WATER (5 WELLS)
6. Water to be used for IRRIGATION

Acres to be irrigated 922

7. Water to be diverted and used in CLAY County
about 2E, 3S Miles of VERMILLION

8. Proof of Publication Received 10-4-74

Not received _____

9. Application Approved _____

Subject to _____

Not approved _____

Action deferred _____

10. Remarks:

Map No. See 643-3 No. 2053-3
 Water Division No. 3 VERMILLION RIVER District
 (Blanks to be filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

STATE WATER ENGINEER
 FIELD OFFICE

To Appropriate Water within the State of South Dakota

(NOTE—Draw a line through items not applicable)

1. Name of Applicant Francis (Bud) Heine
 Postoffice address R.R. 3, Vermillion, State South Dakota 57060
 If a corporation show date and place of incorporation None
2. Method of accomplishing work (contract, employment of others, or by direct labor) Employment of others
3. Name of diversion work Irrigation wells
4. Amount of water claimed (cubic feet per second) 13.2 CFS
5. Source of water supply Well - ground water
6. Location of point of diversion Well #1 - NW 1/4 Section 31; Well #2 - NE 1/4 Section 32; Well #3 - NW 1/4 Section 33; Well #4 - NW 1/4 Section 33; Well #5 - SW 1/4 Section 29, all in T92N R51W County Clay
7. Annual period or periods during which water is to be used May - September
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 922

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.
Listed on attached sheets			

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 0 years. Additional time required to complete application of water to the proposed beneficial use 1 years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Vermillion Plain Talk
12. Principal Features of the Proposed Water Supply System.

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

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

C. Works proposed to apply water to beneficial use.

Application of water from wells by center pivot sprinkler system.

Estimated Total Cost \$150,000.00

Attachments: 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 Clay

I, Francis Heine 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.

Signed Francis HeineSubscribed and sworn to before me this 22 day of July 19 74

Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

WATER RIGHTS COMMISSION hereby approves Water Right Application No. 2053-3
FRANCIS (BUD) HEINE R.R. #3, VERMILLION
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57069 With the following modifications:
 (State)

The irrigation wells approved under this Permit will be located near domestic wells and other irrigation 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 or in irrigation wells having prior water rights.

Date of first receipt of application FEBRUARY 25, 19 74
 Date of return to applicant for correction, amendments or changes required FEBRUARY 25, 19 74
 Date of receipt of corrected application SEPTEMBER 11, 19 74
 Approved NOVEMBER 13, 19 74, Recorded in Book 13 Page 95

WATER RIGHT PERMIT NO. 2053-3

WATER RIGHTS COMMISSION

The Water Resources Commission hereby grants and issues this Water Right Permit No. 2053-3 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 SEPTEMBER 11, 19 74
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before MAY 13, 19 77
3. The whole of said work is to be completed on or before NOVEMBER 13, 19 79
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is NOVEMBER 13, 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 13.2 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 NOVEMBER 13, 19 83 said water to be used during the following described annual period: MAY - SEPTEMBER

Witness my hand this 18TH day of NOVEMBER, 19 74

WATER RIGHTS COMMISSION

By:

Donald H. Dainoff
 Chief Engineer, Executive Officer

Certificate of Construction Issued July 17, 19 80

Water License Issued July 17, 19 80

(1) Drill Hole, Diameter 36", Depth 115'

(2) Casing, Type concrete; asbestos Diameter 18" Thickness 3"
(wood, concrete, steel, etc)

Type concrete slots, Diameter 1/2", Length 20'

(4) Gravel Pack. Thickness _____, length of gravel pack _____

(1) Surface dimensions _____, Depth _____

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

Character of Water bearing materials _____

.....

Depth to top of water bearing material 20'

Depth to bottom of water bearing material 90'

Thickness of water bearing material 100'

Depth to water (ground surface to water level) 12'

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

On same owner's property 160 rds. On property owned by others 240 rds.

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.

✓ Francis Wang
Signature of Applicant

#1

SE $\frac{1}{4}$ NW $\frac{1}{4}$	31-92-51	13 acres
NE $\frac{1}{4}$ SW $\frac{1}{4}$	31-92-51	18 acres
SW $\frac{1}{4}$ NE $\frac{1}{4}$	31-92-51	34 acres
SE $\frac{1}{4}$ NE $\frac{1}{4}$	31-92-51	8 acres
NW $\frac{1}{4}$ SE $\frac{1}{4}$	31-92-51	40 acres
NE $\frac{1}{4}$ SE $\frac{1}{4}$	31-92-51	14 acres
SW $\frac{1}{4}$ SE $\frac{1}{4}$	31-92-51	11 acres
SE $\frac{1}{4}$ SE $\frac{1}{4}$	31-92-51	3 acres
		<u>141 acres</u> more or less

#2

NW $\frac{1}{4}$ SW $\frac{1}{4}$	32-92-51	40 acres
NE $\frac{1}{4}$ SW $\frac{1}{4}$	32-92-51	40 acres
SW $\frac{1}{4}$ SW $\frac{1}{4}$	32-92-51	30 acres
SE $\frac{1}{4}$ SW $\frac{1}{4}$	32-92-51	31 acres
NE $\frac{1}{4}$ SE $\frac{1}{4}$	31-92-51	18 acres
SE $\frac{1}{4}$ SE $\frac{1}{4}$	31-92-51	5 acres
SE $\frac{1}{4}$ NE $\frac{1}{4}$	31-92-51	10 acres
SW $\frac{1}{4}$ NW $\frac{1}{4}$	32-92-51	39 acres
NW $\frac{1}{4}$ NW $\frac{1}{4}$	32-92-51	4 acres
NE $\frac{1}{4}$ NW $\frac{1}{4}$	32-92-51	5 acres
SE $\frac{1}{4}$ NW $\frac{1}{4}$	32-92-51	40 acres
SW $\frac{1}{4}$ NE $\frac{1}{4}$	32-92-51	11 acres
NW $\frac{1}{4}$ SE $\frac{1}{4}$	32-92-51	21 acres
SW $\frac{1}{4}$ SE $\frac{1}{4}$	32-92-51	5 acres
		<u>299 acres</u> more or less

#3

SW $\frac{1}{4}$ NE $\frac{1}{4}$	32-92-51	5 acres
SE $\frac{1}{4}$ NE $\frac{1}{4}$	32-92-51	38 acres
SW $\frac{1}{4}$ NW $\frac{1}{4}$	33-92-51	36 acres
SE $\frac{1}{4}$ NW $\frac{1}{4}$	33-92-51	5 acres
NW $\frac{1}{4}$ SE $\frac{1}{4}$	32-92-51	5 acres
NE $\frac{1}{4}$ SE $\frac{1}{4}$	32-92-51	38 acres
SE $\frac{1}{4}$ SE $\frac{1}{4}$	32-92-51	6 acres
NW $\frac{1}{4}$ SW $\frac{1}{4}$	33-92-51	39 acres
NE $\frac{1}{4}$ SW $\frac{1}{4}$	33-92-51	5 acres
SW $\frac{1}{4}$ SW $\frac{1}{4}$	33-92-51	8 acres
		<u>185 acres</u> more or less

#4

NE $\frac{1}{4}$ NW $\frac{1}{4}$	32-92-51	13 acres
SE $\frac{1}{4}$ SW $\frac{1}{4}$	29-92-51	10 acres
NW $\frac{1}{4}$ NE $\frac{1}{4}$	32-92-51	40 acres
SW $\frac{1}{4}$ NE $\frac{1}{4}$	32-92-51	11 acres
NE $\frac{1}{4}$ NE $\frac{1}{4}$	32-92-51	33 acres
SE $\frac{1}{4}$ NE $\frac{1}{4}$	32-92-51	8 acres
SW $\frac{1}{4}$ SE $\frac{1}{4}$	29-92-51	39 acres
SE $\frac{1}{4}$ SE $\frac{1}{4}$	29-92-51	30 acres
		<u>184 acres</u> more or less

#5

NE $\frac{1}{4}$ NE $\frac{1}{4}$ 31-92-51	6 acres
NE $\frac{1}{4}$ NW $\frac{1}{4}$ 32-92-51	13 acres
NW $\frac{1}{4}$ NW $\frac{1}{4}$ 32-92-51	3 $\frac{1}{4}$ acres
SE $\frac{1}{4}$ SE $\frac{1}{4}$ 30-92-51	6 acres
SW $\frac{1}{4}$ SW $\frac{1}{4}$ 29-92-51	37 acres
SE $\frac{1}{4}$ SW $\frac{1}{4}$ 29-92-51	<u>17 acres</u>
	113 acres more or less

Conservation
Commission
Form WL 31

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

FOR COMMISSION USE ONLY
Irrigation System: _____
Water Quality: _____
Soils Capability: _____
Approved: *[Signature]*
Disapproved: _____

NAME: *James L. Linn*

ADDRESS: *RR 3 Vermillion S Dak*

COUNTY: *Wynne*

LEGAL DESCRIPTION

1. WELL LOCATION: *T-91-92-N R-51-52-W*

2. AREA TO BE IRRIGATED: *31+32*

TYPE OF IRRIGATION

3. GRAVITY

SPRINKLER (Indicate Type): *center pivot - electric*

4. CROPS TO BE IRRIGATED: *corn*

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: *level*

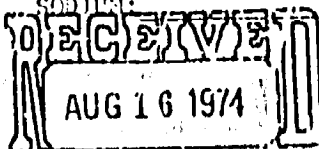
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: *sandy*

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

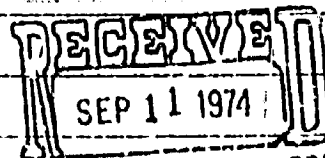
7. SAMPLE NO.: _____

8. SALINITY: _____

9. SOIL pH: _____



STATE WATER RIGHTS COMM.
PIERRE, SOUTH DAKOTA



STATE WATER RIGHTS COMM.
PIERRE, SOUTH DAKOTA

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

Don Mitchell, Chem. Dept.; U.S.D., Vermillion, S.D.

and:

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

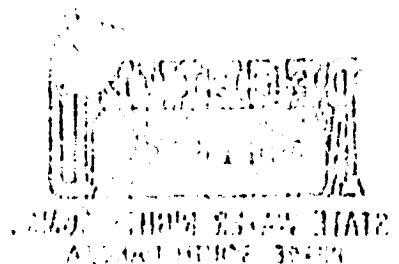
Francis Heino

Subscribed and sworn before me this

9th day of August 1974.

Francis Heino
Notary Public, South Dakota

(Title)



IRRIGATION SURVEY
FRANCIS(RUD) HEINE

<u>Map Symbol</u>	<u>Clay Co. Symbol</u>	<u>Soil Name</u>	<u>Intake Family</u>
2		Albaton sic	0.1
3		Percival sic	0.1
7	56A-1	Onawa sic	0.1
23	55A-1	Haynie sil	1.0
24		Grable sil	1.0
25		Haynie sic	0.1
56	54A-1, 2	Sarpy sil, 0-2%	3.0
57	62A-1	Onawa sic, V. shallow over sand	0.1
58	63C-3	Sarpy lfs, 0-6% slope	3.00

- 2 Albaton sic - Similiar to Onawa, but lacks the silty underlying materials above depths of 40".
- 3 Percival sic - Similiar to Onawa, but underlain by sand or loamy fine sand at depth of 18 to 30".
- 7 Onawa sic - Deep, clayey, limy, poorly drained soils on bottom lands that are sometimes flooded. Time of tillage is often delayed by wetness and yields are affected.
- 23 Haynie sil - Deep, loamy, well and moderately well drained soils on bottom lands that sometimes receive beneficial overflow. They have few or no limitations in use.
- 24 Grable sil - Similiar to Haynie, but underlain by fine sand or loamy fine sand at depth of 18 to 30".
- 25 Haynie sic - Similiar to Haynie silt loams but has an overwash of silty clay that ranges in thickness from 5 to 18".
- 56 Sarpy sil - Deep, moderately well drained, nearly level (0-2%), soils with moderately sandy surface layers and light colored, very limy, sandy sub-soils. They have a fluctuating water table and severe wind erosion hazard.
- 57 Onawa sic - Very shallow over sand. Depths to sand ranges from 4 to 15".
- 58 Sarpy lfs - Deep, very sandy soils on nearly level to gentle undulating (0-6%) slopes. Some of these soils have a seasonal high water table 3 to 10' below the surface. They have a very severe wind erosion hazard and a low water holding capacity.

The area is suitable for irrigation by either surface or
sprinkler methods of water application.

STATE CHEMICAL LABORATORY

VERMILLION, S. D.

Mr. Bud Heine

RR #3 - Vermillion, S. D.

Date 6/27/74

We have examined the sample of water (for irrigation purposes)

submitted by You on 6/11, 1974
taken by Inspector

Inspector's No. , Lab. No. 74-7117 Seller

Manufacturer Distributor

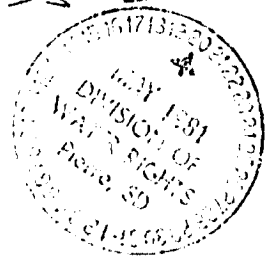
and we find as follows:

	ppm
Total Solids	774
Sulfate	129
Chloride	None
Calcium	76
Magnesium	54
Alkalinity as CaCO_3	
Phenolphthalein	----
Methyl Orange	506
Hardness as CaCO_3	411
Sodium	42

This water would be in Class I for irrigation purposes, which is described as excellent to good.

D. J. MITCHELL
State Chemist.
SCL-600

2035-3



IRRIGATION PROGRAM: 773-3259

May 19, 1981

Mr. Francis Heine
Route #3
Vermillion, South Dakota 57069

Dear Mr. Heine:

When Water Right No. 2053-3 was reviewed for licensing it was discovered that some of the lands you are irrigating were not covered under the soil/water compatibility approval issued in September of 1974 by the State Conservation Commission.

The lands that were not covered in 1974 have been listed on the enclosed WI#1 form. There is a published soil survey of Clay County and you will not need to enclose any soils information, since we do have copies of the survey in our office.

Although we do have a water sample from 1974 in our files, there is no legal description indicating where the sample came from, nor was there a complete irrigation analysis run on that sample. Therefore, we would like to have you submit a water sample from one of the wells for a new irrigation analysis.

Please complete the enclosed WI#1 form and send it along with the water sample to:

Water Quality Laboratory
Water Resources Research Institute
South Dakota State University
Brookings, South Dakota 57007

They will make an initial recommendation there and send the application on to us for processing.

If you have any questions, please contact this office.

Sincerely,

Wynn Sudtelgte, Program Director
Irrigation Program

WS:dt

cc: Board of Water Management
Mike Sanders

February 17, 1982

Francis Haina
RR #3
Vermillion, SD 57069

Dear Mr. Haina:

Enclosed is your copy of the laboratory report of analysis for water sample No. 82-0009.

I have plotted the approximate quality of your water by means of a red cross in the chart located on the back cover of the accompanying AES pamphlet #113.

Sample No. 82-0009 is classified as a high salina, low sodium water. It is suitable as a source for irrigation.

Both samples #82-0010 and 82-0011 are nearly chemically identical to sample #82-0009.

All of the soil series found within your proposed irrigation development are compatible with the quality of your water. However, the Onawa silty clay located along the stream bed of the Vermillion River is characterized by a massive soil structure in the top foot of the soil profile. The natural surface drainage of this soil is usually poor and this may result in ponding under irrigation. The addition of organic matter and the inclusion of alfalfa in a crop rotation should improve the permeability of this soil series.

If a permeability problem does occur under irrigation, please contact your county extension agent or this office for assistance.

The WL-1, soils information, and a copy of the water analysis are being forwarded to the Division of Conservation for their action.

Sincerely yours,

Michael H. Sanders
Water Quality Lab
Division of Conservation

MHS:ckb
Enclosures
cc: Division of Conservation
D. Fahl, Extension Service
Division of Water Rights



REPORT OF ANALYSIS
Water Quality Laboratory
Water Resources Research Institute
South Dakota State University
Brookings, South Dakota 57007

Name: FRANCIS HEINE Date Rec'd Feb 02, 1982
Address RR 3 Sample No. 82-0009
VERMILLION SD 57069 Identification WELL 3.00
092N 51W 00

WATER ANALYSIS

Calcium (Ca)	104	ppm*	5.19	me/l**
Magnesium (Mg)	38	ppm	3.13	me/l
Sodium (Na)	55	ppm	2.39	me/l
Potassium (K)	13	ppm	0.33	me/l
Sulfate (SO ₄)	184	ppm	3.83	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	14	ppm	0.39	me/l
Bicarbonate (HCO ₃)	395	ppm	0.48	me/l
Carbonate (CO ₃)	0	ppm	0.00	me/l
Iron (Fe)		ppm		me/l
Flouride (F)		ppm		me/l
Manganese (Mn)		ppm		
Boron (B)	0.30	ppm		
Hardness (EDTA asCaCO ₃)		ppm		g.p.g.***
Total solids		ppm		
Total Cations			11.04	me/l
Total Anions			10.71	me/l
Alkalinity (Methyl Orange)	324	ppm(as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm(as CaCO ₃)		
Electrical Conductivity	950	micromhos per cm at 25 C		
Sodium Adsorption Ratio	1.17	Adjusted SAR	2.98	
Sodium	21.66	% of Cations		
Residual sodium carbonate	0.00	me/l		
pH	7.81			
Others:				

*ppm=parts per million ***g.p.g.=grains per gallon
**me/l=millequivalents per liter

COMMENTS

By: Shirley Mittan

Service Performed:
Irrigation Analysis

Total Cost: \$ 28.00
Amount Received: 0.00
Balance Due: 28.00

Make checks payable to: "SDSU Water Quality Lab"

Please write lab number on your check!

Lab No. 82-0009

REPORT OF ANALYSIS
Water Quality Laboratory
Water Resources Research Institute
South Dakota State University
Brookings, South Dakota 57007

Name: FRANCIS HEINE Date Rec'd: Feb 02, 1962
Address: VERNILLION SD 57069 RR 3 Sample No. 32-0010
[WELL #4] Identification WELL- ~~32-0010~~.
092N 51W 00

WATER ANALYSIS

Calcium (Ca)	95	ppm*	4.79	me/l**
Magnesium (Mg)	33	ppm	3.13	me/l
Sodium (Na)	52	ppm	2.26	me/l
Potassium (K)	13	ppm	0.33	me/l
Sulfate (SO ₄)	174	ppm	3.62	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	14	ppm	0.39	me/l
Bicarbonate (HCO ₃)	361	ppm	6.24	me/l
Carbonate (CO ₃)	0	ppm	0.00	me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Manganese (Mn)		ppm		
Boron (B)	0.27	ppm		
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Total solids		ppm		
Total Cations			10.51	me/l
Total Anions			10.26	me/l
Alkalinity (Methyl Orange)	312	ppm(as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm(as CaCO ₃)		
Electrical Conductivity	950	micromhos per cm at 25 C		
Sodium Adsorption Ratio	1.14	Adjusted SAR	2.85	
Sodium	21.51	% of Cations		
Residual sodium carbonate	1.00	me/l		
pH	7.89			

Others:
*ppm=parts per million ***g.p.g.=grains per gallon
**me/l=millequivalents per liter

COMMENTS

By: Shirley Mitten

Service Performed:

Irrigation Analysis

Total Cost: \$ 28.00
Amount Received: 0.00
Balance Due: 28.00

Make checks payable to: "SDSU Water Quality Lab"

Please write lab number on your check!

Lab No. 62-0010

REPORT OF ANALYSIS
Water Quality Laboratory
Water Resources Research Institute
South Dakota State University
Brookings, South Dakota 57007

Name: FRANCIS HEINE Date Rec'd Feb 02, 1982
Address RR 3 Sample No. 82-0011
VERMILLION SD 57069 Identification WELL--~~XXXX~~.
[WELL #5] 092N 51W 30

WATER ANALYSIS

Calcium (Ca)	38	ppm*	4.39	me/l**
Magnesium (Mg)	43	ppm	3.95	me/l
Sodium (Na)	54	ppm	2.35	me/l
Potassium (K)	12	ppm	0.31	me/l
Sulfate (SO ₄)	176	ppm	3.66	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	12	ppm	0.34	me/l
Bicarbonate (HCO ₃)	400	ppm	6.56	me/l
Carbonate (CO ₃)	0	ppm	0.00	me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Manganese (Mn)		ppm		
Boron (B)	0.30	ppm		
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Total Solids		ppm		
Total Cations			10.99	me/l
Total Anions			10.56	me/l
Alkalinity (Methyl Orange)	328	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	950	micromhos per cm at 25 C		
Sodium Adsorption Ratio	1.15	Adjusted SAR	2.93	
Sodium	21.36	% of Cations		
Residual sodium carbonate	0.00	me/l		
pH	7.80			

Others:

*ppm=parts per million

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

**me/l=milliequivalents per liter

COMMENTS

By: Shirley Mittan

Service Performed:

Total Cost: \$ 28.00

Irrigation Analysis

Amount Received: 0.00

Balance Due: 28.00

Make checks payable to: "SDSU Water Quality Lab"

Please write lab number on your check!

Lab No. 82-0011

SOIL/WATER COMPATIBILITY PERMIT APPLICATION FORM

STATE CONSERVATION COMMISSION
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE

Office Use Only

OWNERS NAME: Mr. Eugene H. Hays OWNERS ADDRESS: 00003

COUNTY LAND LOCATED IN: Cheyenne PHONE: _____

TENANT'S NAME AND ADDRESS: (If Other Than Owner) _____

In accordance with State Law SDCL 46-5-6.5, if a water permit is granted with a conditional Soil/Water Compatibility permit, a copy of such conditional soil/water compatibility permit must be filed with the County Register of Deeds. This action must be taken by the holder of a water permit within 6 months of receipt of such water permit.

LEGAL DESCRIPTION: (Show Legal Description to Nearest 10 Acres)

1. WELL LOCATION OR DIVERSION POINT: Section 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 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636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 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1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 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1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178

Permit No. 2053-3

Water Diversion No. 3 Vermillion River Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Francis (Bud) Heine

_____ the holder _____ of
Permit No. 2053-3, issued upon Application No. 2053-3, bearing date of priority of September 11,
1974 authorizing the diversion of 13.2 cu. ft. per second of the waters of _____
groundwater (five wells) County of Clay, State of South Dakota at _____
points all from NW corner, Section 32, T92N, R51W; #1-N213°E, 3,235 feet;
#2-N153°E, 3035 ft; #3-N116°E, 5875 ft; #4-N77°E, 990 ft; #5-N88°E, 3630 ft
_____ 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 10.22 cu. ft. per second of water.

Date July 17, 1980

John Hatch
JOHN HATCH, Chief Engineer
Water Rights, WMD

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2053-3.

(1) WHEREAS, On the 25th day of February A. D. 19 74
Francis (Bud) Heine

made Water Right Application No. 2053-3 for a permit to use 13.2 cubic feet per second of the water
groundwater (five wells)

County of Clay, State of South Dakota, for irrigation

purposes; and
(2) WHEREAS, On the 13th day of November A. D. 19 74

Permit No. 2053-3 with a date of priority of September 11, 1974

was issued to said applicant for the diversion of said water, and provide for the completion of construction of the water
supply system therein described on or before the 13th day of November A. D. 19 79 and for the
application to beneficial use of said water on or before the 13th day of November 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 10.22 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 lands all in T92N, R51W

			Pivot #4 (cont)
Pivot #1 Section 31	Pivot #2 (cont)	Pivot #3 (cont)	NE $\frac{1}{4}$ SE $\frac{1}{4}$ 6
NW $\frac{1}{4}$ NE $\frac{1}{4}$ 8	SE $\frac{1}{4}$ NW $\frac{1}{4}$ 40	SW $\frac{1}{4}$ NW $\frac{1}{4}$ 40	SW $\frac{1}{4}$ SE $\frac{1}{4}$ 40
NE $\frac{1}{4}$ NE $\frac{1}{4}$ 3	SW $\frac{1}{4}$ NE $\frac{1}{4}$ 12	SE $\frac{1}{4}$ NW $\frac{1}{4}$ 6	SE $\frac{1}{4}$ SE $\frac{1}{4}$ 35
SW $\frac{1}{4}$ NE $\frac{1}{4}$ 40	NW $\frac{1}{4}$ SW $\frac{1}{4}$ 39	NW $\frac{1}{4}$ SW $\frac{1}{4}$ 38	
SE $\frac{1}{4}$ NE $\frac{1}{4}$ 28	NE $\frac{1}{4}$ SW $\frac{1}{4}$ 40	NE $\frac{1}{4}$ SW $\frac{1}{4}$ 5	Section 32
SE $\frac{1}{4}$ NW $\frac{1}{4}$ 14	SW $\frac{1}{4}$ SW $\frac{1}{4}$ 9	SW $\frac{1}{4}$ SW $\frac{1}{4}$ 5	NE $\frac{1}{4}$ NW $\frac{1}{4}$ 14
NE $\frac{1}{4}$ SW $\frac{1}{4}$ 13	SE $\frac{1}{4}$ SW $\frac{1}{4}$ 10		NW $\frac{1}{4}$ NE $\frac{1}{4}$ 40
SW $\frac{1}{4}$ SE $\frac{1}{4}$ 4	NW $\frac{1}{4}$ SE $\frac{1}{4}$ 11	Section 32	NE $\frac{1}{4}$ NE $\frac{1}{4}$ 26
		NW $\frac{1}{4}$ SE $\frac{1}{4}$ 11	SW $\frac{1}{4}$ NE $\frac{1}{4}$ 5
176 acres	227 acres	NE $\frac{1}{4}$ SE $\frac{1}{4}$ 39	199 acres
Pivot #2 Section 31	Pivot #3 Section 32	SE $\frac{1}{4}$ SE $\frac{1}{4}$ 7	Pivot #5 Section 29
SE $\frac{1}{4}$ NE $\frac{1}{4}$ 5	SW $\frac{1}{4}$ NE $\frac{1}{4}$ 12		SW $\frac{1}{4}$ SW $\frac{1}{4}$ 38
NE $\frac{1}{4}$ SE $\frac{1}{4}$ 5	NE $\frac{1}{4}$ NE $\frac{1}{4}$ 13	227 acres	SE $\frac{1}{4}$ SW $\frac{1}{4}$ 17
NW $\frac{1}{4}$ NW $\frac{1}{4}$ 8	SE $\frac{1}{4}$ NE $\frac{1}{4}$ 40	Pivot #4 Section 29	Section 30
NE $\frac{1}{4}$ NW $\frac{1}{4}$ 9		NE $\frac{1}{4}$ SW $\frac{1}{4}$ 2	SE $\frac{1}{4}$ SE $\frac{1}{4}$ 7
SW $\frac{1}{4}$ NW $\frac{1}{4}$ 39	Section 33	SE $\frac{1}{4}$ SW $\frac{1}{4}$ 17	NW $\frac{1}{4}$ NW $\frac{1}{4}$ 2
	NW $\frac{1}{4}$ NW $\frac{1}{4}$ 11	NW $\frac{1}{4}$ SE $\frac{1}{4}$ 14	Section 31
			NE $\frac{1}{4}$ NW $\frac{1}{4}$ 27
			NE $\frac{1}{4}$ NW $\frac{1}{4}$ 9
Total under the 5 Pivots is 929 acres however, there is an overlap of 7 acres between Pivots 3 & 5 Leaving 922 acres.			100 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 Francis (Bud) Reine

_____ of Vermillion SD
the holder _____ and owner _____ of said permit No. 2053-3 a water right, dating from September 11, 1974
_____ to use of 10.22 cubic feet per second of the water
of groundwater (five wells)

in the County of _____ and State of South Dakota, or so much thereof as may be necessary for the
purposes hereinbelow mentioned to be diverted at points all from NW corner, Section 32, T92N, R51W;
#1 - N 213°E, 3235 ft; #2 - N 153°E, 3035 ft; #3 - N 116°E, 5875 ft; #4 - N 77°E, 990 ft;
#5 - N 88°E, 3630 ft.

and conducted to and upon _____ portions of land in Sections 29, 30, 31 and 32, T92N, R51W,
more fully described on the face of this license.

for the purpose of irrigation

subject to any limitations listed in Water Right Permit No. 2053-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 17th day of July A. D.
Nineteen Hundred and Eighty

WATER MANAGEMENT BOARD

By:

John Hatch
Chief Engineer, Executive Officer
JOHN HATCH

Form 6 - Notice of Intent to Appropriate Water

2053-3

Publish first publication, on or before October 31, 1974

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

September 19, 1974

Notice is hereby given that Francis (Bud) Heine

whose post office address is Vermillion, 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

13.2 cubic feet of water per second of time from the ground water through the

Heine Irrigation Wells, the point of diversion of which is to be located in the XXXX

at wells in the NW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 31; NE $\frac{1}{4}$ SW $\frac{1}{4}$ and NW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 32; NW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 33 and SW $\frac{1}{4}$ SW $\frac{1}{4}$

of Section 29 All 1 $\frac{1}{2}$ wp. 92N, Range 51W. Said water to be used for the purpose of providing irrigation on ^{portions of} the following described land:

S $\frac{1}{2}$ SW $\frac{1}{4}$ & S $\frac{1}{2}$ SE $\frac{1}{4}$, Section 29; SE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 30; SE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 31; all of Section 32; S $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 33, all in T91N, R51W

This application No. 2053-3 will be considered by the Water Resources Commission at the Embassy Room at the Downtown Holiday Inn at Sioux Falls, S.D.

upon the 13th day of November, 1974 at 2:30 p. M. All interested

persons may appear and be heard.

WATER RESOURCES COMMISSION

By

BURTON F. JONES, Water Rights Specialist

BFJ/bv

cc: Francis (Bud) Heine, R.R. #3, Vermillion, S.D. 57069

No. 2053-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Clay) ss.

I, Maryetta Grace hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Vermillion Plain Talk

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

Town of Vermillion

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

Sept 26, 1974
Oct 3, 1974

Maryetta Grace
(Signature)

Mgr.
(Title)

October 3, 1974
(Date Signed)

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

September 19, 1974

Notice is hereby given that Francis (Bud) Heine whose post office address is Vermillion, 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 13.2 cubic feet of water per second of time from ground water through the Heine Irrigation Wells, the point of diversion of which is to be located at wells in the NW1/4 SE1/4, Section 31; NE1/4 SW1/4 and NW1/4 NE1/4, Section 32; NW1/4 SW1/4, Section 33 and SW1/4 SW1/4 of Section 29, All in Twp. 92N, Range 51W. Said water to be used for the purpose of providing irrigation on portions of the following described land: S1/2 SW1/4 & S1/2 SE1/4, Section 23; SE1/4 SE1/4, Section 30; SE1/4, S1/2 NE1/4, NE1/4 SW1/4, SE1/4 NW1/4, Section 31; all of Section 32; S1/2 NW1/4, N1/2 SW1/4, SW1/4 SW1/4, Section 33, all in T91N, R51W.

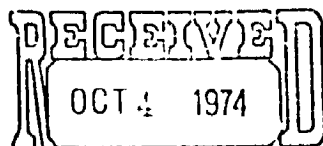
This application No. 2053-3 will be considered by the Water Resources Commission at the Embassy Room No.1 at the Downtown Holiday Inn at Sioux Falls, S.D. upon the 13th day of November, 1974, at 2:30 P.M. All interested persons may appear and be heard.

WATER RESOURCES COMMISSION

By: Burton F. Jones

Water Rights Specialist

Pub.: Sept. 26 and Oct. 3, 1974.



STATE WATER RIGHTS COMM.
PIERRE, SOUTH DAKOTA

NOTICE OF WELL CONSTRUCTION

WELL #3

2653-7

(1) WELL CONSTRUCTION

Location of well: 1/4 NE Section 30 Township 51 Range 92
 Well owner: Francis "Bud" Heine (Name) 3057069 (Address)
 Date well drilling completed: 6/16/75 Purpose of well: Irrigation (domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer	Depth to top of water producing aquifer
0-2	top soil	79 ft.
2-15	clay & sand	15 ft.
15-75	sand & gravel	Name of producing aquifer (if known): <u>gravel</u>
75-95	sand & gravel	Total depth of drill hole: <u>95</u> ft.
		Depth to bottom of casing: <u>95</u> ft.
		Casing information: In the space below show kind, size, weight, length per diameter, etc., for production casing and surface casing, if used.
		<u>0-75 22" O.D. Kelly Concrete</u>
		Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.
		<u>75-95 22" O.D. Kelly Concrete</u>
		If a flowing well, flow of completed well _____ G.P.M.

Attach sheet if more space is needed

Empire Irrigation Drilling Co.
 Name of Drilling Contractor Juno

(2) PUMP INSTALLATION

Company name and size of pump: Western Band Roller HP: 80
 Type of pump: turbine Capacity of installed pump: 850 G.P.M.
 Depth of pump placement: 40 ft., Date of pump installation: 6/29th/75

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required: See Section 46.40B of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

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



Empire Irrigation Drilling Co.
 Name of Pump Installation Contractor Co. Juno

NOTICE OF WELL CONSTRUCTION

25

2053-3

(1) WELL CONSTRUCTION

Location of well: _____ 1/4 _____ 1/4 _____ Section 30 Township 51 Range 92
 Well owner Illinois Bedding Commission ID. 57069
 (Name) (Address)
 Date well drilling completed 10/1/75 Purpose of well Irrigation
 (domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer	Depth to top of water producing aquifer	ft.
0-2	top soil	2.5	ft.
2-5	clay & sand	4	ft.
5-75	sand & clay	7.88	ft.
75-88	gravel	88	ft.

Casing information: In the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.

0-75 22" O.D. Kelly Concrete

Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

75-88 22" O.D. Kelly Concrete

If a flowing well, flow of completed well _____ G.P.M.

Attach sheet if more space is needed

Empire Irrigation Drilling Co.
 Name of Drilling Contractor

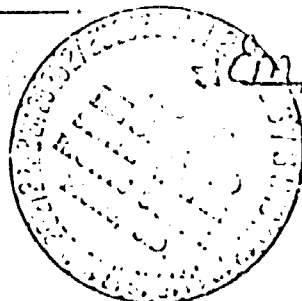
(2) PUMP INSTALLATION

Company name and size of pump Western Land Roller HP. 100
 Type of pump turbine Capacity of installed pump 1000 G.P.M.
 Depth of pump placement 100 ft., Date of pump installation 10/1/75

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

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



Empire Irrigation Drilling Co.
 Name of Pump Installation Contractor

RECEIPT

WATER RIGHTS COMMISSION
State of South Dakota

No 4 7596

PIERRE, July 15, 1920

RECEIVED OF Francis Heine, Rt. 3, Vermillion, SD 57069
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. 2053-3	50	00
Fee for inspecting Beneficial Use, and Issuing Water License No. 2053-3		
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 Hatch*
Chief Engineer, Executive Officer
JOHN HATCH /bt

Permit No. 2053-3Water Division 3 VERMILLION RIVER Water District

**REPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE**

TO: WATER RIGHTS, WATER MANAGEMENT BOARD / POSS BLDG., PIERRE, SOUTH DAKOTA 57501

I have this day made a thorough examination of the water use system constructed by FRANCIS (BUD)HEINE of VERMILLION holder.of Permit No. 2053-3, bearing date of priority of SEPTEMBER 11, 1974.authorizing the diversion of 13.2 cu. ft. per second of the waters of GROUNDWATERfor 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:

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

C. Works used to apply water to beneficial use.

SEE ATTACHED SHEETS

The system is in the following condition: VERY GOODThe point of diversion is located SEE ATTACHED SHEETSThe works are capable of diverting and conveying to the place of use 10.22 (4600 GPM)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:

SEE ATTACHED SHEETScomprising a total of 922 acres of land.Date MAY 7, 1980

(Signature)

WELL #1 95' DEEP WELL WITH 16" PLASTIC CASING
WESTERN LAND ROLLER 10" PUMP, 3 STAGE, 12 KBH BOWLS
POWERED BY ROKK. 75HP ELECTRIC MOTOR
120' OF 10" MAINLINE TO 9 TOWER ELECTROGATOR CENTER
PIVOT - 1550' LONG WITH #100 END GUN - PUMPS AT 900 GPM

WELL #2 95' DEEP WELL WITH 16" PLASTIC CASING
WESTERN LAND ROLLER 10" PUMP, 3 STAGE, 12 KBH BOWLS
POWERED BY 100 HP G.E. ELECTRIC MOTOR
20' OF 10" MAINLINE TO 10 TOWER ELECTROGATOR CENTER
PIVOT - 1780' LONG WITH #100 END GUN - PUMPS AT 1000 GPM

WELL #3 93' DEEP WELL WITH 18" ID "KELLY" CONCRETE CASING
WESTERN LAND ROLLER 10" PUMP - 4 STAGE, 12 KBH BOWLS
POWERED BY 100 HP GE ELECTRIC MOTOR
10' OF 10" MAINLINE TO 10 TOWER ELECTROGATOR CENTER
PIVOT - 1780' LONG WITH #100 END GUN - PUMPS AT 1000 GPM

WELL #4 95' DEEP WELL WITH 16" PLASTIC CASING
LAYNE BOWLER WELLINE 8" PUMP #81425K - 4 STAGE, KLMT BOWLS
POWERED BY 60 HP US ELECTRIC MOTOR
10' OF 10" MAINLINE TO 7 TOWER ELECTROGATOR CENTER
PIVOT WITH #100 END GUN, 1090' LONG - PUMPS AT 700 GPM.

WELL #5 88' DEEP WITH 18" ID "KELLY" CONCRETE CASING
WESTERN LAND ROLLER 10" PUMP, 3 STAGE, 12 KBH BOWLS
POWERED BY 100 HP GE ELECTRIC MOTOR
10' OF 10" MAINLINE TO 10 TOWER ELECTROGATOR CENTER
PIVOT 1685' LONG WITH #100 END GUN - PUMPS AT ¹⁰⁰⁰~~900~~ GPM

LOCATION OF WELLS - ALL FROM NW CORNER, SECTION 32, T42N, R51W

WELL #1 N 213°E, 3,235 FEET

WELL #2 N 153°E, 3,035 FEET

WELL #3 N 116°E, 5,875 FEET

WELL #4 N 77°E, 490 FEET

WELL #5 N 88°E, 3,620 FEET

ACREAGES SHOWN ON "AS BUILT" MAP FROM ASCS
PHOTOS ARE S.D. SURVEY DESIGNATIONS, ARRIVED AT
BY EXTENDING S.D. SURVEY LINES INTO THE AREA,
ALTHOUGH LEGALLY IT IS NEBRASKA SURVEY.

ALL IN T92N, R51W

PIVOT #1 SECTION 31 NW¹NE¹ 8 AC
NE¹NE¹ 3 AC
SW¹NE¹ 40 AC
SE¹NE¹ 28 AC
SE¹NW¹ 14 AC
NE¹SW¹ 13 AC
SW¹SE¹ 4 AC
176 AC

PIVOT #3 SECTION 32 SW¹NE¹ 12 AC
NE¹NE¹ 13 AC
SE¹NE¹ 40 AC
SECTION 33 NW¹NW¹ 11 AC
SW¹NW¹ 40 AC
SE¹NW¹ 6 AC
NW¹SW¹ 38 AC
NE¹SW¹ 5 AC
SW¹SW¹ 5 AC

PIVOT #2 SECTION 31 SE¹NE¹ 5 AC
NE¹SE¹ 5 AC
NW¹NW¹ ²~~2~~ AC
NE¹NW¹ ⁹~~4~~ AC
SW¹NW¹ 39 AC
SE¹NW¹ 40 AC
SW¹NE¹ 12 AC
NW¹SW¹ 39 AC
NE¹SW¹ 40 AC
SW¹SW¹ 9 AC
SE¹SW¹ 10 AC
NW¹SE¹ 11 AC
227 AC

SECTION 32 NW¹SE¹ 11 AC
NE¹SE¹ 39 AC
SE¹SE¹ 7 AC
227 AC

PIVOT #4 SECTION 29 NE¹SW¹ 2 AC
SE¹SW¹ 17 AC
NW¹SE¹ 14 AC
NE¹SE¹ 6 AC
SW¹SE¹ 40 AC
SE¹SE¹ 35 AC

SECTION 32 NE¹NW¹ 14 AC
NW¹NE¹ 40 AC
NE¹NE¹ 26 AC
SW¹NE¹ 6 AC
149 AC

PIVOT #4 SECTION 29 SW¹SW¹ 38 AC
SE¹SW¹ 17 AC
SECTION 30 SE¹SE¹ 7 AC
SECTION 31 NE¹NE¹ 2 AC
SECTION 32 NW¹NW¹ 27 AC
NE¹NW¹ 9 AC
100 AC

*NOTE

TOTAL UNDER THE 5
PIVOTS IS 929 ACRES
HOWEVER THERE IS AN
OVERLAP OF 7 ACRES BETWEEN
PIVOTS 3 & 5-- LEAVING 922 AC.

Water Rights Division (605) 773-3352

November 16, 1981

Francis Heine
Route #3
Vermillion, SD 57069

Dear Mr. Heine:

In reviewing our files it was discovered you have not brought your Water Permit No. 2053-3 into compliance with State Laws.

Irrigation of lands without a water permit is in violation of State Statutes. The necessary action to place all lands being irrigated under your Permit No. 2053-3 needs to be completed before the 1982 irrigation season.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division

JH/BW/gy

cc: Martin Gertonson

WATER RIGHTS DIVISION (605) 773-3352

March 10, 1982

Francis Helne
RR#3
Vermillion, South Dakota 57069

Dear Mr. Helne:

In answer to your phone call March 9th I decided to write to you for your record. The Form letter you received was sent by mistake. Your file was found right after our conversation.

The State Conservation Commission approved the lands that were not originally covered when you obtained the permit.

Your Permit is now in compliance with the laws and within the next few weeks you will be receiving your Water License thus perfecting your Water Rights No. 2053-3.

Sorry for the error, as explained the office has been extremely hectic lately. If you have any further questions please feel free to contact this office.

Sincerely,

Betty Westlund
Water Rights Specialist

BW:ms



Department of Water & Natural Resources

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

January 29, 1988

FRANCIS (BUD) HEINE
RR #3
VERMILLION, SD 57069

NOTICE

Re: Violation of Requirement To Submit 1987 Irrigation
Questionnaire

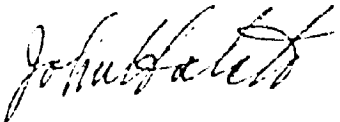
Our records indicate that the 1987 Irrigation Questionnaire has not been submitted for Permit No(s). 2053-3. The request for the Questionnaire was dated October 8, 1987. The Water Management Board has directed that owners of water permits who have not submitted 1987 Irrigation Questionnaires be given notice of hearing(s) to be held by the Board to determine if any action is to be taken concerning the violation.

The hearings will be held at 9:00 am, March 2, 1988 in Room 216, Joe Foss Building, 523 E Capitol, Pierre SD.

The hearing will be conducted pursuant to the provisions of SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to procedures contained in SDCL 1-26. Following the hearing(s), the Water Management Board can:

1. Amend Permit No(s). 2053-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
2. Postpone any action;
3. Take no action.

The hearing(s) 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.


JOHN HATCH, Chief Engineer
Water Rights Division
605 773-3352

NOTE: If the questionnaire(s) is received in this office before the March 2 hearing date, your name will be deleted from the agenda for the hearing.



Department of Water & Natural Resources

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

February 5, 1988

2053-3

Francis (Bud) Heine
RR 3
Vermillion SD 57069

Dear Mr. Heine:

I am writing to acknowledge receipt of your 1987 Irrigation Questionnaire(s). A notice was sent to you January 29, 1988 regarding the the requirement to submit the Irrigation Questionnaire(s) for Water Permit No. 2053-3 and the hearing date before the Water Management Board.

Since your questionnaire was received prior to the March 2, 1988 Water Management Board Meeting, your name has been deleted from the Board Meeting agenda. If you have any questions, please contact us.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division
605 773-3352



2053-3
**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: FRANCIS HEINE, 1014 E 320TH, VERMILLION, SD 57069

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

SUBJECT: Reporting Requirement for 1999 Irrigation Questionnaires

Our records indicate that the 1999 Irrigation Questionnaires have not been submitted for Permit Nos. 5435-3, 5471-3, 5639-3, 6057-3, 6058-3 & 6059-3, 671-3 & 2053-3. The request for the Questionnaires was dated October 7, 1999. The Water Management Board has directed that owners of water permits who have not submitted the 1999 Irrigation Questionnaires be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine if Permit No(s) 671-3 & 2053-3 should be amended to require the Questionnaire to be submitted each year and to determine action to be taken for violation of Water Permit No(s) 5435-3, 5471-3, 5639-3, 6057-3, 6058-3 & 6059-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at 1:30 pm, March 1, 2000 in 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. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a 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) 5435-3, 5471-3, 5639-3, 6057-3, 6058-3 & 6059-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Amend Permit No(s) 671-3 & 2053-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
3. Postpone any action or 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 questionnaires are received in this office on/or before February 28 2000, you will no longer be in violation of your permit and your name will be deleted from the Board agenda. If you have questions or need assistance in completion of the irrigation questionnaire(s), please contact Genny McMath (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.



2053-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 20, 2000

Francis (Bud) Heine
1014 E 320th
Vermillion, SD 57069

RE: Water Permit/Right Nos. 671-3, 2053-3, 5435-3, 5471-3, 5639-3, 6057-3, 6058-3 & 6059-3

Dear Mr. Heine:

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/Right Nos. 671-3, 2053-3, 5435-3, 5471-3, 5639-3, 6057-3, 6058-3 & 6059-3.

The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

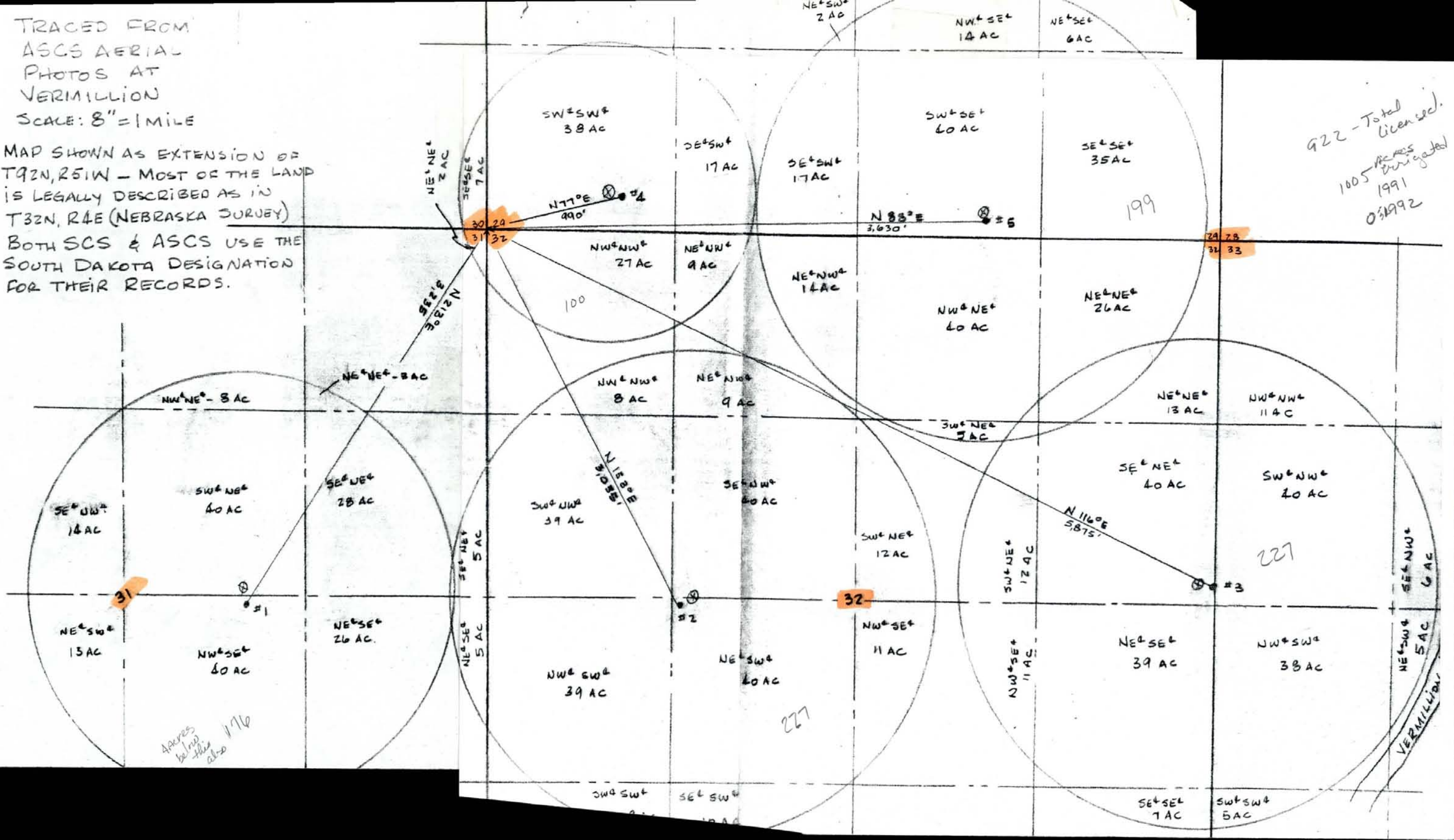
If you have any questions, please contact me.

Sincerely,

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

TRACED FROM
ASCS AERIAL
PHOTOS AT
VERMILLION
SCALE: 8"=1 MILE

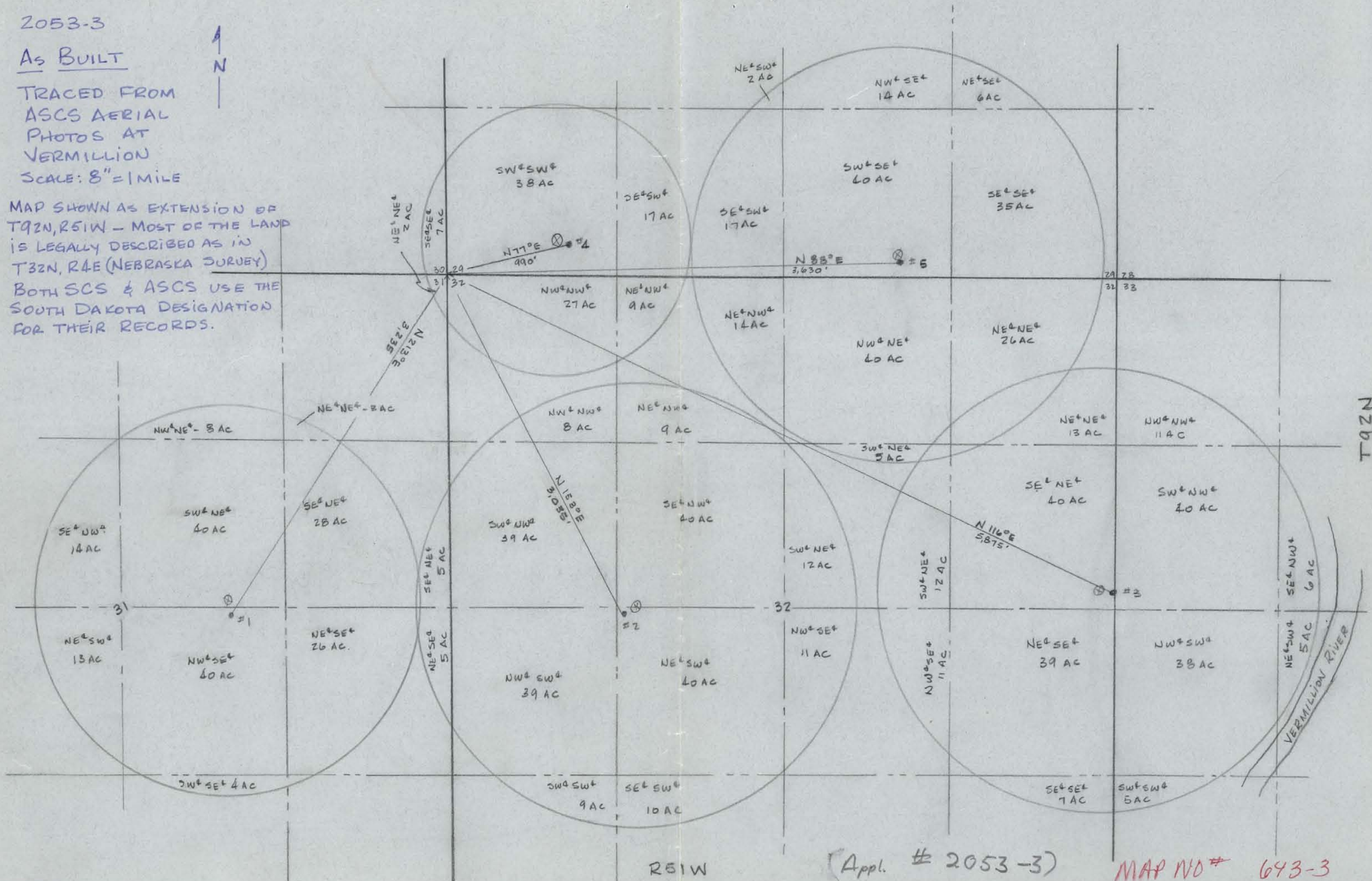
MAP SHOWN AS EXTENSION OF
T92N, R51W - MOST OF THE LAND
IS LEGALLY DESCRIBED AS IN
T32N, R4E (NEBRASKA SURVEY)
BOTH SCS & ASCS USE THE
SOUTH DAKOTA DESIGNATION
FOR THEIR RECORDS.



AS BUILT

4
N

MAP SHOWN AS EXTENSION OF
T92N, R51W - MOST OF THE LAND
IS LEGALLY DESCRIBED AS IN
T32N, R4E (NEBRASKA SURVEY)
BOTH SCS & ASCS USE THE
SOUTH DAKOTA DESIGNATION
FOR THEIR RECORDS.





2053-3

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

January 16, 2015

NOTICE

TO: FRANCIS HEINE, 412 STERLING, VERMILLION, SD 57069

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

SUBJECT: Reporting Requirement for 2014 Irrigation Questionnaires

Our records indicate your 2014 Irrigation Questionnaires have not been submitted. The request for the Questionnaires was dated October 17, 2014. The Water Management Board has directed that owners of water permits who have not submitted the 2014 Irrigation Questionnaires be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine if Permit No(s) 671-3, 977A-3, 977B-3, 1624-3 2053-3 & 2947-3 should be amended to require the Questionnaire to be submitted each year and to determine action to be taken for violation of Water Permit No(s) 5435-3, 5471-3, 5639-3, 6057-3, 6059-3, 6679-3, 6993-3, 6994-3, 7297-3, 7298-3, 7299-3, 7300-3, 7301-3, 7302-3, 7577-3, 7578-3, 7579-3, 7580-3 & 7980-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at **10:00 am, March 4, 2015** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, 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. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a 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) 5435-3, 5471-3, 5639-3, 6057-3, 6059-3, 6679-3, 6993-3, 6994-3, 7297-3, 7298-3, 7299-3, 7300-3, 7301-3, 7302-3, 7577-3, 7578-3, 7579-3, 7580-3 & 7980-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Amend Permit No(s) 671-3, 977A-3, 977B-3, 1624-3 2053-3 & 2947-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
3. Postpone any action or 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 before the **March 4, 2015** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. If you prefer, you can complete the questionnaire online at the following link: <http://denr.sd.gov/iq.aspx>

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.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182

February 24, 2015

Francis Heine
412 Sterling
Vermillion SD 57069

RE: Water Permit and Water Right Nos. 671-3, 977A-3, 977B-3, 1624-3 2053-3, 2947-3,
5435-3, 5471-3, 5639-3, 6057-3, 6059-3, 6679-3, 6993-3, 6994-3, 7297-3, 7298-3, 7299-3,
7300-3, 7301-3, 7302-3, 7577-3, 7578-3, 7579-3, 7580-3 & 7980-3

Dear Mr. Heine:

I am writing to acknowledge receipt of your 2014 irrigation questionnaires for the above listed water permits and water rights.

You may disregard the January 16, 2015, "Notice" concerning reporting requirements for your water permits and water rights. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

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



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

July 23, 2021

Todd Heine
1020 E 320th St
Vermillion SD 57069

Dear Mr. Heine:

The irrigation season is in full swing. This has led to the Department of Agriculture and Natural Resources (DANR) fielding inquiries regarding end gun overspray on to roads.

DANR received information alleging several irrigation systems had irrigation water from the end gun hitting the road. The attached sheet shows the locations. All of these locations involve irrigation permits held in your name.

It is common for center pivots to have stops which can be engaged to shut off the operation of the end gun when the pivot nears a road. Please take steps to ensure end gun stops are functioning properly so there is not direct overspray on to the road.

A water right holder is not allowed to operate an irrigation system in violation of state water law, which includes end gun overspray upon land not authorized by the water right. Continued overspray can result in DANR taking enforcement action.

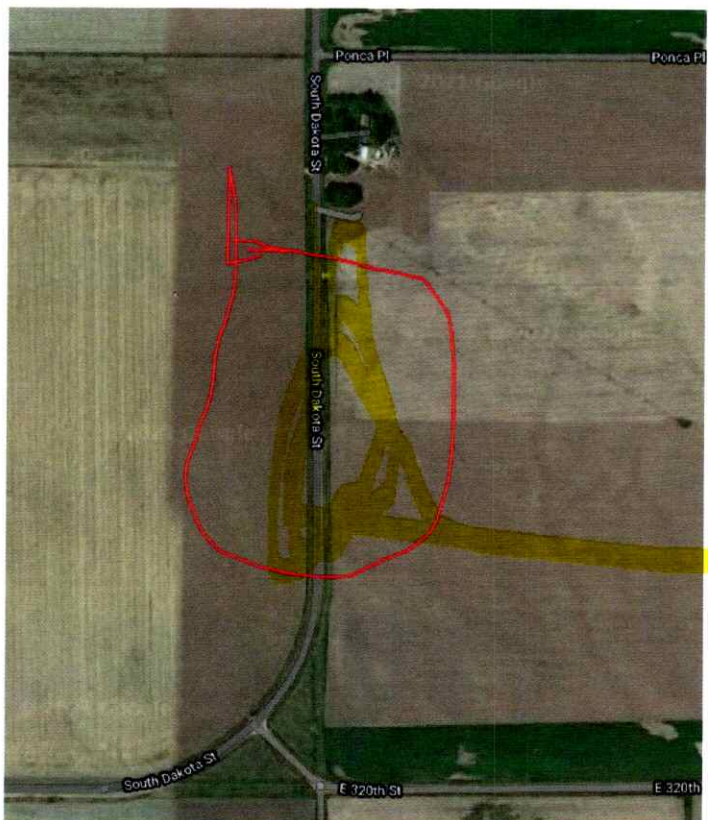
If you don't believe your irrigation system is causing the overspray, or if you have any questions, please contact me at (605) 773-3352 or by email at ron.duvall@state.sd.us

Thank you for your cooperation,

Ron Duvall
Water Rights Program, DANR

enclosures

c: Francis Heine



The general areas of overspray are circled in red. The small area to the left is just south of the Ponca Pl and South Dakota St intersection.

PAID

MAR 27 2023

Ck# 44663

Rec't# _____

NOTICE OF TRANSFER OF OWNERSHIP

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

No. 2053-3

Date: _____

I/We request that Water Right No. 2053-3

formerly owned by: Francis Heine

be transferred to: (name & address) see below

Telephone No. _____

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

922 acres – portions of Sections 29, 30, 31, 32 and 33, T92N, R52W more fully described in Water

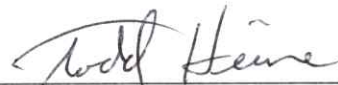
Right No. 2053-3

I/We understand that the validity of Water Right No. 2053-3 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 Todd Heine
1020 E. 320th St.
Vermillion, SD 57066, 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.

RECEIVED

MAR 27 2023

OFFICE OF
WATER

2053-3

RECEIPT**WATER RIGHTS PROGRAM**

South Dakota Department of Agriculture and Natural Resources

Date March 27, 2023RECEIVED OF Francis J Doris/Tim, Todd & Nick Heine 412 Sterling St., Vermillion SD 57069

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>2053-3</u>	<u>\$50.00</u>
Fee for _____	\$ _____
Fee for Issuing New Well Driller's License No. _____	\$ _____
Fee for Renewal of Well Driller's License No. _____	\$ _____
Fee for Issuing Well Pump Installer's License No. _____	\$ _____
Fee for Renewal of Well Pump Installer's License No. _____	\$ _____
(Any Other Work Provided by Law) TOTAL	<u>\$50.00</u>

By Eric Gronlund
Chief Engineervm



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

April 14, 2023

Todd Heine
1020 E 320th St
Vermillion SD 57069

Dear Mr. Heine:

I am writing to acknowledge receipt of the transfer forms and filing fees for all water permits and water rights listed under Francis Heine.

The ownership changes have been completed. Water Permit/Right Nos. 671-3, 977A-3, 977B-3, 1006-3, 1034-3, 1624-3, 2053-3, 2947-3, 5435-3, 5471-3, 5639-3, 6057-3, 6059-3, 6679-3, 6993-3, 6994-3, 7297-3, 7298-3, 7299-3, 7300-3, 7301-3, 7302-3, 7577-3, 7578-3, 7579-3, 7580-3 & 7980-3 are now listed in your name.

Enclosed are receipts for the filing fees you paid. If you have any questions, please let me know.

Sincerely,

Genny McMath
Water Rights Program
605 773-3352
Genny.mcmath@state.sd.us

enclosures