

2759-3

1. Considered 7-21, 19 76
2. Name of Applicant RALPH LIEBE
3. Post Office Address MILBANK
4. Amount of water claimed 3.3
5. Source of water supply 105' DEEP WELL
6. Water to be used for IRRIGATION
Acres to be irrigated 235
7. Water to be diverted and used in GRANT county
about 1E, 4.N miles of MILBANK
8. Proof of Publication Received 6-24-76
Not received
9. Application Approved
Subject to
Not Approved
Action deferred
10. Remarks:

No. 2754-3Map No. 2116-3 Water Division No. 3 WHETSTONE CREEK District
(Blanks to be Filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

To Appropriately Water within the State of South Dakota

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

1. Name of Applicant Ralph W. Liebo
 Postoffice address Melbourn State S. Dakota 57352
 If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract & Direct Labor
3. Name of diversion work Ralph W. Liebo Irrigation Project #1
4. Amount of water claimed (cubic feet per second) 3.3
5. Source of water supply well
6. Location of point of diversion 1860' N 45° 0' 0" E corner of section 19 - 121-47

County Grant

7. Annual period or periods during which water is to be used April through October
8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) for irrigation
9. For irrigation use, Total number of acres to be irrigated 235

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

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
NW 1/4 Sec 19 - 121-47	40	NW 1/4 SE 1/4 Sec 19 - 121-47	40
SE 1/4 " " " " " "	39	NE 1/4 " " " " " "	39
		SW 1/4 " " " " " "	39
		SE 1/4 " " " " " "	38

Attach sheet if more space is needed

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

A. Works proposed to divert water from its natural source, well with electrically driven deep well turbineB. Works proposed to transport water to place of use, closed conduitC. Works proposed to apply water to beneficial use, center pivot irrigation machineEstimated Total Cost \$50,000Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map.
(See instructions concerning preparation.)

STATE OF SOUTH DAKOTA)

County of Brookings)I, Ralph W. Liebo 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 Ralph W. LieboSubscribed and sworn to before me this 5 day of August 1976John S. Anderson
Notary Public (or other qualified officer)

J. E. D. 4/16

WATER RIGHT APPLICATION APPROVAL

The Water ^{Rights} ~~Commission~~ hereby approves Water Right Application No. 2759-3
RALPH W. LIEBE ^(Applicant) 508 E 8TH AVE MILBANK ^(Post Office Address)
SOUTH DAKOTA 57252 With the following modifications:

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

Date of first receipt of application JUNE 9 1976
 Date of return to applicant for correction, amendments or changes required — 19—
 Date of receipt of corrected application — 19—
 Approved JULY 22 1976 Recorded in Book 15 Page 236

WATER RIGHT PERMIT NO. 2759-3

The Water ^{Rights} ~~Commission~~ hereby grants and issues this Water Right Permit No. 2759-3 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 9 1976
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before JANUARY 22 1979
3. The whole of said work is to be completed on or before JULY 22 1981
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is JULY 22 1984
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 3.3 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 1984; said water to be used during the following a specified annual period: APRIL THRU OCTOBER

Witness my hand this 30TH day of JULY 1976

WATER RIGHTS COMMISSION

By:

John Hatch
 Chief Engineer, Executive Officer

Certificate of Construction Issued APRIL 3 1979

Water License Issued APRIL 3 1979

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 36", Depth 105'
(2) Casing, Type Fiberglass Diameter 18" Thickness 1/8"
(wood, concrete, steel, etc)
(3) Perforated Screen
Type Fiberglass, Diameter 18", Length 20'
(4) Gravel Pack, Thickness 5", Length of gravel pack 40'

E. Dugout Information or Estimates

(1) Surface dimensions _____, Depth _____

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

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

Character of Water bearing materials 0' to 5' over hard clay; 5' to 55' clay; 55' to 80' gravel; 80' to 105' coarse gravel; over 105' clay

Depth to top of water bearing material 55'

Depth to bottom of water bearing material 105'

Thickness of water bearing material 50'

Depth to water (ground surface to water level) 55'

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

On same owner's property 10-300 yds. On property owned by others 2-40 yds

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.

Ralph W. Lieber
Signature of Applicant

May 18, 1976

Ralph & Bathal Liebe
508 E. 5th Ave
Milbank, SD 57252

Dear Mr. & Mrs. Liebe:

The water analysis has been completed on the sample you submitted here recently. The original copy of this report of analysis is enclosed for your keeping. I have also enclosed a copy of AES publication #13 with a water quality chart on the outside back cover. In this chart, the red cross signifies the approximate location of your sample in this scheme. It is in the medium salinity, low sodium category.

This being the case, there is no chemical hazard which one can envision as a result of the use of this quality water on the land you propose to irrigate. I hope that your project is a success and that you will be guided by good water management practices in your irrigation operation.

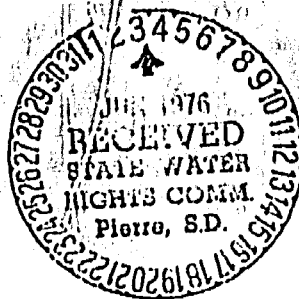
A copy of this letter, and the water analysis, plus the WI-1 form are being sent to the State Conservation Commission for their action.

Sincerely yours,

L. O. Fine

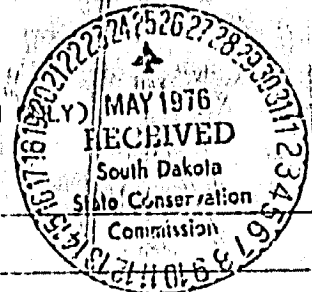
L. O. Fine
Water Quality Lab

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



CONSERVATION
COMMISSION
FORM W1 #1

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(THIS FORM REQUIRED FOR PROPOSED GROUND WATER IRRIGATION)



NAME Ralph & Bethel Liebe
ADDRESS 598 E. 8th Ave., Milbank, S. Dak. 57252
COUNTY Grant

LEGAL DESCRIPTION

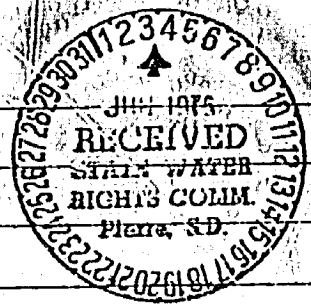
1. WELL LOCATION Township 121N, Range 47W, Section 19, SE1
2. LOCATION OF AREA TO BE IRRIGATED SE1 and E1/2 of SW1, Sec. 19, Twp 121N, 47W

TYPE OF IRRIGATION

3. GRAVITY TOWLINE CENTER PIVOT GUN
4. CROPS TO BE IRRIGATED Alfalfa, Corn, Wheat, Oats

WATER QUALITY

5. SAMPLE NUMBER 76-463
6. SALINITY (EC X 10⁶) 6.76 (medium)
7. SODIUM (SAR) 0.41 (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 County 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.

Ralph W. Liebe
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
5th DAY OF May 19 76.

Gladys Keiser
(GLADYS KEISER)
Notary Public, GRANT COUNTY, S. Dak.
My Commission Expires Jan. 5, 1982

Alfred J. Jett
APPROVED BY SUPERVISOR

(SOILS INFORMATION ON REVERSE SIDE)

MAP

(See attached)

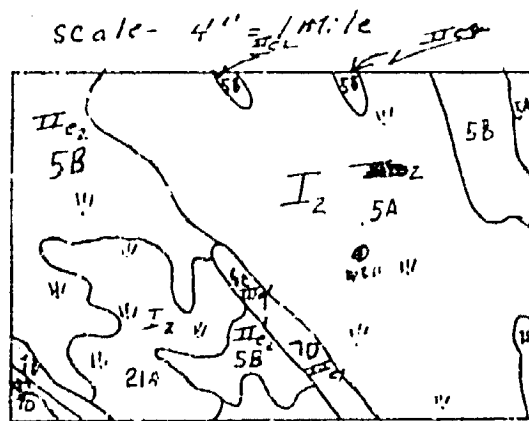
NARRATIVE

(See attached)

Ralph & Bethel Liebe



154.504; SE 1/4 - 19, - 121N-47W



IRRIGATION SURVEY - Ralph & Bethel Liebo

Location: Grant County - SE $\frac{1}{4}$ and E $\frac{1}{2}$ SW $\frac{1}{4}$ 19, T.121 N., R.47 W.

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.

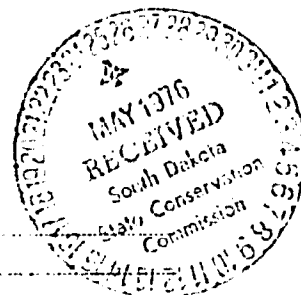
Mapping unit 6C - This unit consists of Heindal-Sisseton loams, 6 to 9 percent slopes. Heindal soils are deep, well drained, moderately permeable soils formed in loamy and silty glacial drift. Available water capacity is high. Heindal soil is in the 1.0 intake family and has a moderate water intake rate. 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, 9-15 percent slopes. These soils are similar to those described in mapping unit 6C.

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.



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



Submitted by: Ralph Liebe
Address: 508 E. 8th Ave.
Hilban, SD 57252

Date Rec'd May 5, 1976
Sample No. 76-463
Identification Well 105'
Sec. 19, T. 121N, R. 47W

WATER ANALYSIS

Calcium (Ca)	130	ppm*	6.50	me/l**
Magnesium (Mg)	28	ppm	2.30	me/l
Sodium (Na)	20	ppm	0.86	me/l
Potassium (K)	5	ppm	0.13	me/l
Sulfate (SO ₄)	153	ppm	3.18	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	3	ppm	0.08	me/l
Bicarbonate (HCO ₃)	300	ppm	4.92	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)	246	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	576	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.41			
Sodium	8.78	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.78			

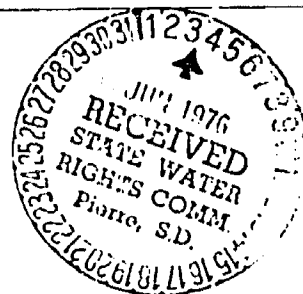
Others:

*ppm=parts per million

**me/l=millequivalents per liter

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

COMMENTS: Total cations 9.79 me/l
Total anions 8.18 me/l



By: Shirley Kitten

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. 76-463

Amount Enclosed \$

Signed

Permit No. 2759-3

Water Diversion No. 3 Whetstone Creek Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Ralph W. Liehe

the holder of

Permit No. 2759-3, issued upon Application No. 2759-3, bearing date of priority of June 9, 1976 authorizing the diversion of 3.30 cu. ft. per second of the waters of ground water County of Grant, State of South Dakota at a point 1320' N and 110' W of the SE 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 2.23 cu. ft. per second of water.

Date April 3, 1979

John Hatch
JOHN HATCH, Chief Engineer
Water Rights Commission

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2759-3

(1) WHEREAS, On the 9th day of June A. D. 1976
Ralph W. Liebe

made Water Right Application No. 2759-3 for a permit to use 3.30 cubic feet per second of the waters of ground water

County of Grant State of South Dakota, for irrigation

purposes; and

(2) WHEREAS, On the 30th day of July A. D. 1976

Permit No. 2759-3 with a date of priority of June 9, 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. 1981 and for the application to beneficial use of said water on or before the 22nd day of July A. D. 1984

and, whereas on the 13th day of February it was requested that the Permit be changed to read Liebe Irrigation, c/o Arvid Liebe, Liebe Drug, Milbank Mall, Milbank, SD

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 2.23 cubic feet per second of water for beneficial use and,

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

for irrigating the following lands in Section 19, T121N, R47W

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

SE $\frac{1}{4}$ SW $\frac{1}{4}$ 33 "

NW $\frac{1}{4}$ SE $\frac{1}{4}$ 33 "

NE $\frac{1}{4}$ SE $\frac{1}{4}$ 33 "

SW $\frac{1}{4}$ SE $\frac{1}{4}$ 33 "

SE $\frac{1}{4}$ SE $\frac{1}{4}$ 33 "

TOTAL 198 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 Liebe Irrigation

_____ of Millbank
the holder _____ and owner _____ of said permit No. 2759-3 a water right, dating from June 9, 1976
_____ to use of 2.23 cubic feet per second of the waters
of ground water
in the County of Grant and State of South Dakota, or so much thereof as may be necessary for the
purposes hereinbelow mentioned, to be diverted at a point 1320'N and 110'W of the SE
Corner, Section 19, T121N, R47W

and conduct to and upon portions of Section 19, T121N, R47W, Described on the
face of this License

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 2759-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 3rd day of April A. D.
Nineteen Hundred and Seventy-nine

WATER RIGHTS COMMISSION

By:

John Hatch
Chief Engineer, Executive Officer JOHN HATCH

No. _____

Publish first publication, on or before

NOTICE OF INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501
June 11, 1970

Ralph W. Liebe _____

Notice is hereby given that Milbank

whose post office address is _____, 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 _____ cubic feet of water per second of time from the project _____ through the _____, the point of diversion of which is to be located in the _____

Center of the SE1/4

10

121N

47E

of Section _____, Twp. _____, Range / portions of Said water to be used for the purpose of providing irrigation on the following described land:

SE1 and NE SW1, Section 10, T121N, R47E

2750-3

This application Went House in will be considered by the Water RightsCommission at 11st July 1970 10:00 A.

upon the _____ day of _____, at _____ M. All interested persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES, Water Rights Specialist

BFJ/bw RALPH W. LIEBE, 308 E. 5th Ave., Milbank, S.D. 57252

cc:

Form 10.

No. 2759-3 *3/11/78*



NOTICE OF COMPLETION OF WORKS AND/OR
APPLICATION OF WATER TO BENEFICIAL USE

Post Office Milbank S.D.

Date 3-22-78

TO: 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. 2759-3

Water Right Permit No. 2759-3 states that the diversion system is to be constructed by Jan 22, 1979 and that the water is to be put to beneficial use by July 22, 1981.

The diversion system was completed on Aug 10, 1976.
Applying the water to beneficial use was completed on Aug 10, 1976.

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.

Ralph W. Foss
(Signature)
by Annie R. Foss

Sir - I don't know if
this was ever completed + returned to you. If
completed be fore, please dis regard. If not
complete Action. Annie Foss

RALPH W. LIEBE

Irrigation Project # 1

Millbank S Dakota

Grant County

Water Divided - 33 cfs
Acreage - 235

Point of Diversion - 1/4 Sec 19 NE 1/4 Sec 18

Section 18 - 121-47

Surveyors Certificate

I, John L. Williams, do hereby certify that this map has been prepared in accordance with the laws of the State of South Dakota.

Ralph W. Liebe

57552 S. Dakota

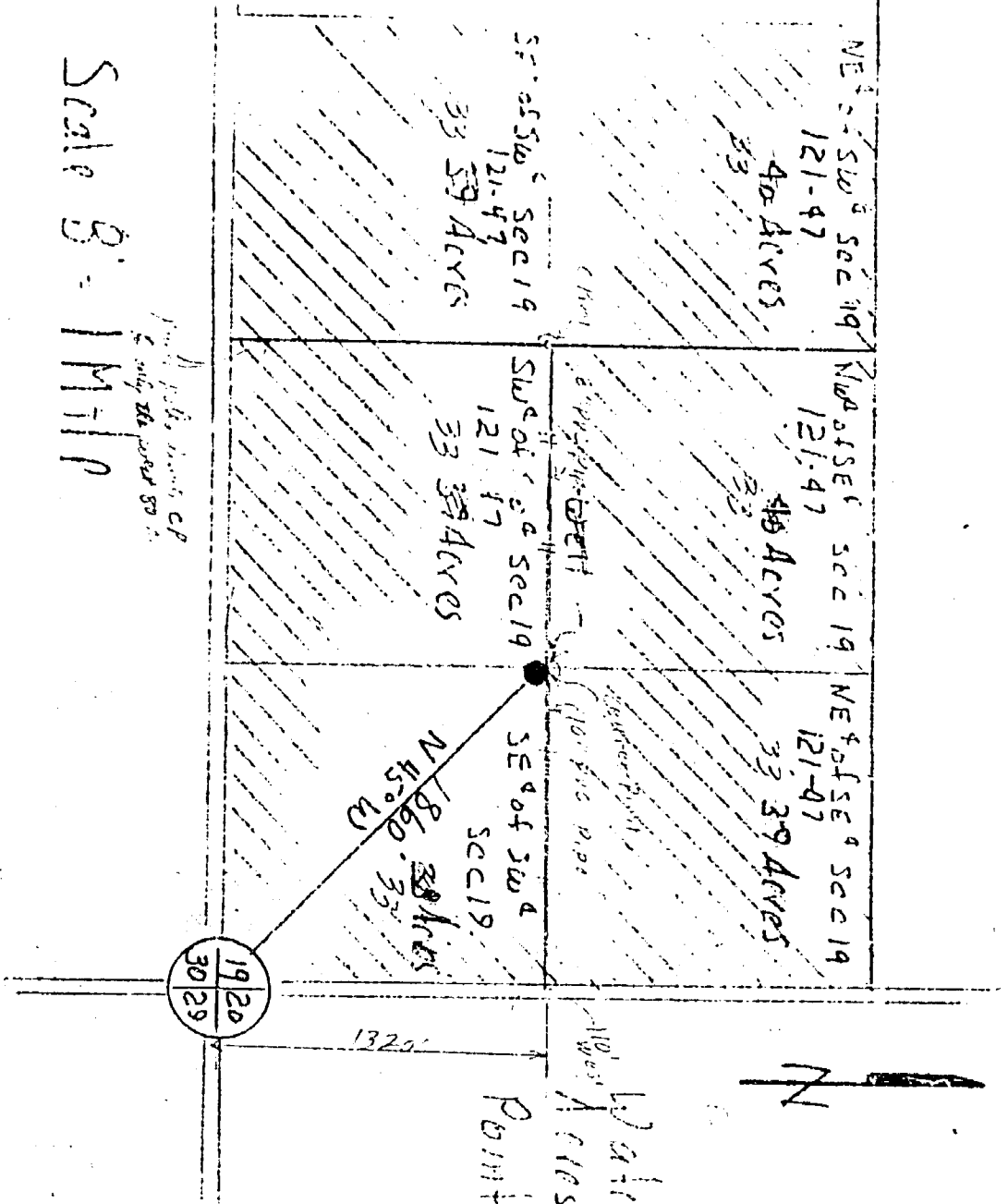
Millbank Drawing Date 5-5-76

P.E. # 1916

John & Wilhelmine

Recordings 5444

Map No 2116-3 Area 2759-3



Scale 3" = 1 Mile

Permit No. 2759-3Water Division 3 Whitstone Creek Water District

REPORT 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 Ralph W. Liebe of 508 East 8th Ave, Milbank, S. Dak 57252 holder of Permit No. 2759-3, bearing date of priority of June 9, 1976 authorizing the diversion of 3.3 cu. ft. per second of the waters of One Well 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:
Motor - G.E. Model 5K625S XH1A, Ser # HLT 806441.
Pump - Fairbanks Morse - size 11 inch, 5 stage, 2200 rpm
300 ft TDH, Imp Dia - 8.07 Pumping 1000 gpm.

B. Works used to transport water to place of use,
1200 ft 10" dia PVC Pipe underground
1320 ft 8" dia PVC Pipe underground

C. Works used to apply water to beneficial use.
Two Center Pivots - East - Zimmatic Model 307, Type 7,
Ser # L 05896, West - Zimmatic Model 410, Type 10,
Ser # L607679

The system is in the following condition: Good.

The point of diversion is located 1320' N and 110' W of the SE corner of Section 19, T121N R 47 W.

The works are capable of diverting and conveying to the place of use 2.23 cu. ft. per second of water which is to be used for Irrigation

Water has been put to beneficial use to the maximum extent as follows:

All in Section 19 T121N R 47W, NE 1/4 SW 1/4 - 33 Ac.
SE 1/4 SW 1/4 - 33 Ac, NW 1/4 SE 1/4 - 33 Ac, NE 1/4 SE 1/4 - 33 Ac,
SW 1/4 SE 1/4 - 33 Ac, SE 1/4 SE 1/4 - 33 Ac.

comprising a total of 198 acres of land.

Well - depth - 154 ft
Static - 45 ft
Pumping 1000 gpm

Date January 11, 1979
LeRoy J. Mernagh
(Signature)

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 6787

PIERRE,

February 14, 1979

RECEIVED OF Arvid R Liebe, Liebe Irrigation 508 BX E. Avenue, 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. 2759-3	50	00
Fee for Inspecting Beneficial Use, and issuing Water License No. 2759-3		
Fee for issuing Location Certificate-Dry Draw, No.		
Fee for filling		
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 gy

 **Department of
Water & Natural Resources**

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

February 17, 1989

Liebe Irrigation
104 W. 3th Avenue
Milbank, SD 57252

Dear Mr. Liebe:

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;

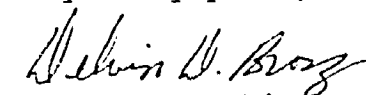


Each of these equipment requirements are discussed more thoroughly in Sections 74:02:09:05 through 74:02:09:10 of the enclosed rules. Appendix A contains diagrams of the arrangements of these anti-pollution devices.

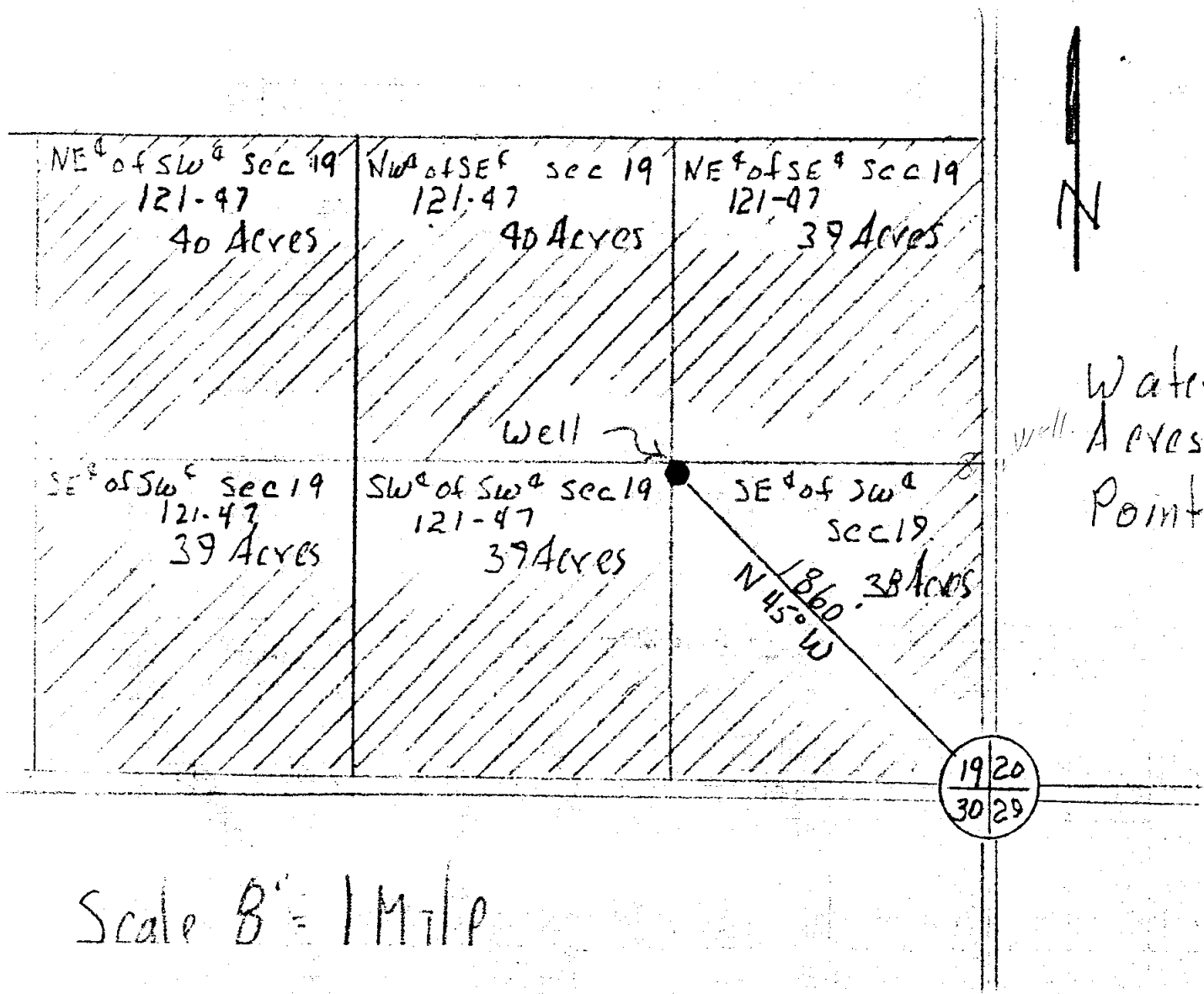
The equipment must be installed according to the manufacturer's specifications, calibrated, and maintained in good working condition. All chemical product labels must be followed and warning signs must be posted. These rules also require reporting of all spills, accidents, and system malfunctions. A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



JOHN HATCH, Chief Engineer
Water Rights Division



RALPH W. LIEBE

Irrigation Project # 1

Milbank S. Dakota

Grant County

Water Claimed - 3.3 cfs

Acres Irrigated - 235

Point of Diversion - 1860' N 45° W of NE Corner
Section 19 - 121-47

Surveyor's Certificate

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

Ralph W. Liebe

Milbank

57252

S. Dakota

Drawn by

5-5-76

John L. Wiersma

P.E. # 1916

Brookings, S.Dak
57006

MAP N-2116-3 (APP N-2759-3)