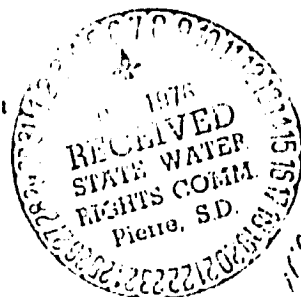


Water Right Number 3354-3

1. Considered 1-26, 1977
2. Name of Applicant JAMES F. SCHUMACHER
3. Post Office Address PIERRE
4. Amount of water claimed 1.95
5. Source of water supply 2- 120' IN'CU
6. Water to be used for IRRIGATION
- Acres to be irrigated ~~155~~ 155
7. Water to be diverted and used in HUGHES County
about 11N, 3W Miles of PIERRE
8. Proof of Publication Received 1-12-77
Not received
9. Application Approved
Subject to
Not approved
Action deferred

10. Remarks:

No. 3354-3Map No. 2640-3 Water Division No. 3 MISSOURI RIVER District
(Blanks to be filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

(NOTE—Draw a line through items not applicable)

1. Name of Applicant James F. Schumacher
Postoffice address Part A, Pierre Star Rt #179 State South Dakota
If a corporation show date and place of incorporation _____ contract
2. Method of accomplishing work (contract, employment of others, or by direct labor) _____
James F. Schumacher
3. Name of diversion work _____
2.25 c.f.s. 1.45
4. Amount of water claimed (cubic feet per second) _____
wells (?)
5. Source of water supply _____
6. Location of point of diversion IN THE CENTER OF THE SW⁴ CORNER OF THE NE⁴ SW⁴
SECTION 11, T112N, R20W County Hughes
7. Annual period or periods during which water is to be used June-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 135 155

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.
SW $\frac{1}{4}$ Sec. 11 T112N R20W	155		

Attach sheet if more space is needed

10. Time required to complete construction of water supply system one years. Additional time required to complete application of water to the proposed beneficial use none years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Capitol Journal
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.

Estimated Total Cost \$ 200,000.00Attachments: 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 Hughes)I, James F. Schumacher 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 James F. SchumacherSubscribed and sworn to before me this 16th day of Nov 1976Charles L. H. H.
(Notary Public (or other qualified officer))Expire 2-3-82

WATER RIGHT APPLICATION APPROVAL

WATER RIGHTS COMMISSION

hereby approves Water Right Application No. 3354-3

JAMES A. SCHUMACHER
(Applicant)

PORTA, PIERRE, S.M.R. #149
(Post Office Address)

SOUTH DAKOTA 57501
(State)

With the following modifications:

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 adequate domestic wells or in irrigation wells having prior water rights.

Date of first receipt of application DECEMBER 6, 19 76

Date of return to applicant for correction, amendments or changes required _____, 19 _____

Date of receipt of corrected application DECEMBER 17, 19 76

Approved JANUARY 27, 19 77, Recorded in Book 17 Page 123

WATER RIGHTS COMMISSION

WATER RIGHT PERMIT NO. 3354-3

The Water Resources Commission hereby grants and issues this Water Right Permit No. 3354-3 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 DECEMBER 6, 19 76
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before JULY 27, 19 77
3. The whole of said work is to be completed on or before JANUARY 27, 19 78⁵²
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is JANUARY 27, 19 78⁵⁵
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 1.95 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 JANUARY 27, 19 78⁵⁵; said water to be used during the following described annual period: JUNE THRU SEPTEMBER

Witness my hand this 8TH day of APRIL, 19 77

WATER RIGHTS COMMISSION

By:

John Hatch
Chief Engineer, Executive Officer

Certificate of Construction Issued _____, 19 _____

Water License Issued _____, 19 _____

DRILLER'S LOG OF WELL

Location of well _____ T₁ _____ S₁ Section _____ Township _____ Range _____
Well to be drilled for: _____ (Name) _____ (Address)
Owner of land (if other than above): _____ (Name) _____ (Address)
Date well drilling started _____ finished _____
Purpose of well _____
(domestic, irrigation, municipal, industrial, other)

Diameter	
Inches	
↑ Feet ↓	Describe kind of materials drilled through (add layers on back of form if necessary)
↑ Feet ↓	
↑ Feet ↓	
↑ Feet ↓	↑ <i>clay</i> ↓
↑ Feet ↓	
↑ Feet ↓	
↑ Feet ↓	Size of casing to be installed: _____ feet of _____ inches diameter _____ feet of _____ inches diameter _____ feet of _____ inches diameter
↑ Feet ↓	
↑ Feet ↓	
↑ Feet ↓	Type of Seal between casing sizes: _____ _____ _____
↑ Feet ↓	
↑ Feet ↓	
↑ Feet ↓	Kind of perforated screen to be installed: Material _____ (steel, wood, concrete, etc.) Size of Screen: Diameter _____ inches Length _____ feet Size openings _____ inches
↑ Feet ↓	
↑ Feet ↓	
↑ Feet ↓	Depth below ground surface to which water rises: In well _____ feet.
↑ Feet ↓	
↑ Feet ↓	
↑ Feet ↓	Water bearing material
↑ Feet ↓	
↑ Feet ↓	
↑ Feet ↓	sand & gravel
↑ Feet ↓	
↑ Feet ↓	
↑ Feet ↓	120
↑ Feet ↓	
↑ Feet ↓	

DRILLER'S LOG OF WELL

Location of Well: _____, _____, Section _____, Township _____, Range _____

Well to be drilled for: _____ (Name) _____ (Address)

Owner of land (if other than above): _____ (Name) _____ (Address)

Date well drilling started _____ finished _____

Purpose of well _____ (domestic, irrigation, municipal, industrial, other)

Diameter		Inches	Describe kind of materials drilled through (add layers on back of form if necessary)	Ground Surface Elevation: _____ (if Available)
Feet				
20	↑			Kind and thickness of casing to be installed: _____ _____
40	↓			
	↑			Size of casing to be installed: _____ feet of _____ inches diameter _____ feet of _____ inches diameter _____ feet of _____ inches diameter
	↓			
60	↑			Type of Seal between casing sizes: _____ _____
	↓			
80	↑			Kind of perforated screen to be installed: Material _____ (steel, wood, concrete, etc.) Size of Screen: Diameter _____ inches Length _____ feet Size openings _____ inches
	↓			
100	↑		mixture fine sand clay	Depth below ground surface to which water rises In well _____ feet.
	↓			
108	↑		sand + gravel	
	↓		Water bearing material	
128	↑		ROCK	

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

D. Well Information or Estimates

(1) Drill Hole, Diameter 36 inches, Depth 126' and 128' (two wells)

(2) Casing, Type steel Diameter 18" & 16" Thickness
(wood, concrete, steel, etc)

(3) Perforated Screen.

Type steel rod, Diameter 18" and 16", Length 12 ft.

(4) Gravel Pack, Thickness 9 inches, Length of gravel pack 26 ft. & 18 ft.

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 The water bearing material is sand and gravel on each well with 18 feet of water in one and 26 feet in the other.

Depth to top of water bearing material 100 ft. and 108 ft.

Depth to bottom of water bearing material 18 ft. and 26 ft.

Thickness of water bearing material 18 ft. and 26 ft.

Depth to water (ground surface to water level) 100 ft. and 108 ft.

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

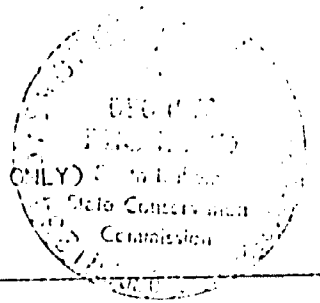
On same owner's property none rds. On property owned by others 80 rds.

G. Water Storage Dams.

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

James F. Schumacher
Signature of Applicant

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 ONLY)



NAME James Schumacher

ADDRESS Part A, Pierre, South Dakota

COUNTY Hughes

LEGAL DESCRIPTION

1. WELL LOCATION one well located in center of SW 1/4 Sec. 11 112-80 and the other well is located 60 rods south of the NE corner.
2. LOCATION OF AREA TO BE IRRIGATED SW 1/4 Sec. 11 112-80 Hughes County

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT X GUN _____
4. CROPS TO BE IRRIGATED Beans and corn

WATER QUALITY

5. SAMPLE NUMBER 76-1850
6. SALINITY (EC X 10⁶) 1685 (high)
7. SODIUM (SAR) 3.75 (low - med)
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 _____ 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.

James F. Schumacher
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
16 DAY OF June 19 76.

[Signature]
(TITLE OR SEAL)

Office 2-3-11

[Signature]
APPROVED/DISAPPROVED

(SOILS INFORMATION ON REVERSE SIDE)

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

Submitted by: Jill Schumacher Date Rec'd: November 18, 1976
 Address: Fert. A. Sample No. 76-1880
Pierre, SD 57501 Identification: Well
Sec. 11, T. 112N, R. 80W

WATER ANALYSIS

Calcium (Ca)	156	ppm*	7.80	me/l**
Magnesium (Mg)	48	ppm	3.94	me/l
Sodium (Na)	209	ppm	9.09	me/l
Potassium (K)	21	ppm	0.55	me/l
Sulfate (SO ₄)	454	ppm	9.44	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	20	ppm	0.56	me/l
Bicarbonate (HCO ₃)	651	ppm	10.68	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		g.p.g.***
Hardness (EDTA as CaCO ₃)		ppm		
Alkalinity (Methyl Orange)	534	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1695	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	3.75			
Sodium	42.51	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.30			

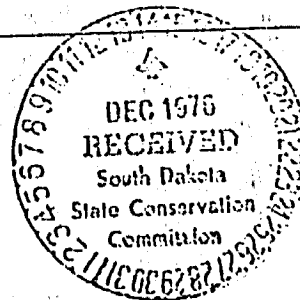
Others:

*ppm=parts per million

**me/l=millequivalents per liter

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

COMMENTS: Total cations 21.38 me/l
 Total anions 20.69 me/l



By: Shirley Pittan

Service Performed	Amount Due
Irrigation analysis	\$8.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 76-1880

Amount Enclosed \$.....

Signed.....

December 13, 1976



Mr. James Schumacher
Part A
Pierre, SD 57501

Dear Mr. Schumacher:

Your water sample (Lab. No. 76-1880) has been analyzed and the results are reported on the accompanying sheet, which is your copy to keep.

I am also enclosing a copy of AES pamphlet #13 for your use. The quality of your water for irrigation use is plotted approximately by means of the red cross in the chart on the outside back cover.

This water is marginal for use on the soils you intend to irrigate and should be considered for use only under the following conditions:

(1) It will be used no more than 3 times (preferably less) in any growing season.

(2) The soil will be completely filled with water so natural leaching can occur, by irrigating in the late fall just before freeze-up, at least one year out of 3.

(3) Water applications will be made each irrigation to completely re-wet the entire depleted soil within the rooting zone of the crop being grown. This may require 3-5 inches of water each irrigation with fine soils.

(4) If a salt problem or soil dispersion occurs, contact extension personnel or this office for management recommendations.

Sincerely yours,

LOF:clb

L. O. Fine
Water Quality Lab

LOF:clb

Enclosures

cc: State Conservation Commission

Form 6 - Notice of Intent to Appropriate Water

No. 3354-3

Publish first publication, on or before January 13, 19 77

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

December 21, 19 76

Notice is hereby given that James F. Schumacher
whose post office address is Pierre, 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

1.25 cubic feet of water per second of time from the ground water through the
James Schumacher & 1, the point of diversion of which are to be located in the

center of the SW $\frac{1}{4}$ and in the NE $\frac{1}{4}$ SW $\frac{1}{4}$

of Section 11, Twp. 112N, Range 80W. Said water to be used for the purpose
of providing irrigation / portions of
on the following described land:

SW $\frac{1}{4}$, Section 11, T112N, R80W

This application No. 3354-3 will be considered by the Water Rights Commission at their office at
Pierre upon the 26th day of January, 1977, at 10:00 A.M. All interested
persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BFJ/bw

cc: James F. Schumacher, Part A, Pierre, SD 57501

No. 3354-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Hughes) ss.

I, John H. Hinkle hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Daily Capital Journal

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

city of Pierre

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

December 30, 1976 and
January 6, 1977.

John H. Hinkle
(Signature)

Business Manager
(Title)

January 10, 1977
(Date Signed)

PUBLIC NOTICES

No. 3738 - 21 dly, Dec. 30, Jan. 6

No. 3354-3

NOTICE

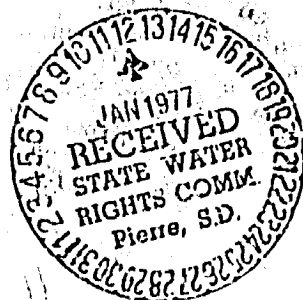
INTENT TO APPROPRIATE WATER

Notice is hereby given that
James F. Schumacher, whose
post office address is Pierre,
South Dakota, has made an appli-
cation in accordance with the
provisions of the water laws of
South Dakota for a permit to
appropriate for beneficial use
1.95 cubic feet of water per
second of time from ground
water through the James Schu-
macher No. 11, the points of
diversion of which are to be
located in the center of the SW 1/4
and in the NE 1/4 SW 1/4 of Section
11, Twp. 112N, Range 80W. Said
water to be used for the purpose
of providing irrigation on por-
tions of the following describe
land: Section 11, T112N, R80W
SW 1/4 Section 11, T112N, R80W
This application No. 3354-3 will
be considered by the Water
Rights Commission at their office
at Pierre upon the 26th day of
January, 1977, at 10:00 A.M. All
interested persons may appear
and be heard.

WATER RIGHTS

COMMISSION

By: BURTON F. JONES
Water Rights Specialist



3754-3 (Cannon / ...)
4-7-80 4.0 #1 Date 128 Date 128

... 128 ...

... 128 ...

... 128 ...

Well # 2 ...

... 128 ...

... 128 ...

Well #1 128 ...

30 HP submersible - 2nd line

... 128 ...

... 128 ...

Marshall 30 HP ...

... 128 ...

... 128 ...

... 128 ...

127 AC Endersby EP. 128 1-6-85

... 128 ...

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

NO 4 7441

PIERRE, April 8, 1980

RECEIVED OF James F. Schumacher, Part A, Pierre, SD 57501
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.	
Fee for inspecting Beneficial Use, and issuing Water License No.	
Fee for Issuing Location Certificate-Dry Draw, No.	
Fee for filing extension of time on water permit no. 3354-3	2 50
Fee for certified copy of	
Fee for Print copy of map	
Fee for Certifying	
Fee for	
(any other work as provided by law)	
TOTAL	2 50

WATER RIGHTS COMMISSION

Chief Engineer, Executive Officer

JOHN HATCH gy

APPLICATION FOR EXTENSION OF TIME



TO: Water Rights
Foss Building
Pierre, South Dakota 57501

Date _____

Dear Sirs:

In Water Right Permit No. 3354-3 it is specified that the water diversion system is to be completed by January 27, 1978 and that the water is to be put to the limit of beneficial use by January 27, 1978.

I hereby request that the date for completing the diversion system be extended to January 27, 1982 and that the date for putting the water to the limit of beneficial use be extended to January 27, 1983.

The extension of time for the completion of these works is requested for the following reasons: I am now irrigating with a center pivot but would like to put on a system to irrigate the corners.

Enclosed herewith is a fee of Two Dollars and Fifty Cents (\$2.50) to pay the cost of filing this request for extension of time.

James F. Schumacher
(Signed)

3354-3

Permit Number

APPROVED: 5/22/80

Board of Water Management

BY:

Henry Young



Department of Water & Natural Resources

Joe Foss Building Water Rights, Water Management Division
Pierre, South Dakota 57501 (605) 773-3352

May 27, 1980

James Schumacher
Part A
Pierre, SD 57501

Dear Mr. Schumacher:

This is to inform you that your request for extension of time dated
April 8, 1980 for Water Right No. 4 7441 has been

approved by the Board of Water Management as follows:

The date for completing construction of the water system has
been extended to January 27, 1982, and the date for
putting the water to the limit of beneficial use has been
extended to January 27, 1983.

Enclosed herewith is Receipt No. 4 7441 for \$2.50 fee for filing
of this Extension of Time.

Sincerely,

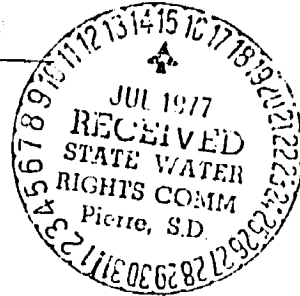
GENNY YOUNG
Staff Assistant

gy

encl

Form 10.

No. 7-13-72



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

Post Office Pierre, S.D.

Date 7-13-72

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. 3354-3.

Water Right Permit No. 3354-3 states that the diversion system is to be constructed by 1-27, 1975 and that the water is to be put to beneficial use by 1-27, 1978.

The diversion system was completed on 2-7, 1977.
Applying the water to beneficial use was completed on 2-7, 1977.

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.

Jamie F. Sekumacher
(Signature)



Department of Water & Natural Resources

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

April 24, 1987

3354-3
4500-3

Jim Schumacher
HCR 31 Box 49
Pierre, SD 57501

Dear Mr. Schumacher:

This will acknowledge receipt of and thank you for the return of your 1986 Irrigation Questionnaires. A notice was sent to you March 23, 1987 regarding the Irrigation Questionnaire submittal violation of Water Permit Nos. 3354-3 and 4500-3 and the date hearings were to be held before the Water Management Board to determine any action to be taken concerning the violation.

Please disregard the notice sent to you dated March 23, 1987. Your name has been deleted from the agenda pertaining to these hearings.

If you have any questions, please contact us.

Very truly yours,

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

 **Department of
Water & Natural Resources**

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

March 23, 1987

JAMES SCHUMACHER
ST RTE #149
PIERRE, SD 57501

NOTICE

Re: Violation of Requirement To Submit 1986 Irrigation
Questionnaire

Our records indicate that the 1986 Irrigation Questionnaire has not been submitted for Permit No(s) 3354-3, 4500-3. The request for the Questionnaire was dated November 3, 1986. The Water Management Board has directed that owners of water permits who have not submitted 1986 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 2:00 pm, May 6, 1987 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). 3354-3, 4500-3 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 hearing date, your name will be deleted from the agenda for the hearing.

Permit No. 3354-3
Missouri River - Water District

Report Of Examination Of Works And/Or Application of Water To Beneficial Use

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

I have this day made a thorough examination of the water use system constructed by James F Schumacher of HCR 31, Box 49, Pierre SD 57501 holder of Permit No. 3354-3, bearing the priority of December 6, 1976 authorizing the diversion of 1.95 cu. ft. per second of the waters of groundwater for Irrigation purposes, in Hughes County.

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

A. Works used to divert the water:

Two wells: Both Franklin pumps
No. 2 - 6 inch, No. 1 - unknown
Combined capacity 900 - 1,000 gpm
Horsepower rating: No. 1 - 25 hp, No. 2 - 30 hp

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

6 inch PVC pipeline - 1,300 feet long

C. Works used to apply water to beneficial use:

Center Pivot: Electrogator high pressure
10 towers capacity - 800 gpm
end gun - yes

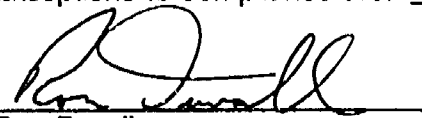
The system is in the following condition good. The points of diversion are located 30 feet E of center of SW1/4 (Well No. 1); and 1,000 feet S of the center of section 11 (Well No. 2); all in the NE1/4 SW1/4 section 11-T112N-R80W. The works are capable of diverting and conveying to the place of use 1.78 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:

<u>NW1/4 SW1/4 all in section 11-T112N-R80W</u>	<u>34 acres</u>
<u>NE1/4 SW1/4</u>	<u>34 acres</u>
<u>SW1/4 SW1/4</u>	<u>34 acres</u>
<u>SE1/4 SW1/4</u>	<u>34 acres</u>

comprising a total of 136 acres of land and the license should be issued for 1.78 cfs.

Applicable permit qualifications have been complied with: Yes ☒ No

Exceptions to compliance are: none Date: June 27, 1991


 Ron Duvall
 Natural Resources Engineer
 DENR, Water Rights Division

REPORT ON INSPECTION OF PERMIT NO. 3354-3

DATE: June 27, 1991

Other permit(s) associated with the project: none

DIVERSION POINT LEGAL LOCATION: Well No. 1: 30 feet E of center of SW1/4; Well No. 2: 1,000 feet S of the section center; all in section 11-T112N-R80W.

WELL INFORMATION:

- 1) Well Drilling Firm: Dakota Boring Co.
- 2) No. of Wells 2
- 3) Depth(s) No. 1 - 124 feet and No. 2 - 125 feet
- 4) Well log is available Y
- 5) Comment: Constructed prior to end of construction period.

Casing:

- 1) Diameter both 16 inches
- 2) Length No. 1 - 114 and No. 2 - 115 feet
- 3) Type steel

Screen:

- 1) Type both 16 inch Johnson Irrigator
- 2) Length both 10 feet

Pump:

- 1) Make both Franklin
- 2) Model unknown
- 3) Size No. 2 - 6 inch, No. 1 - unknown
- 4) Capacity 900 to 1,000 GPM

Motor:

- 1) Make unknown
- 2) Model No. unknown
- 3) Horsepower rating No. 1 - 25 hp, No. 2 - 30 hp

Booster motor and pump:

Motor:	<u>Marathon</u>	Pump:	<u>Cornell</u>
Model:	<u>LU 324TTDR76NBEW</u>	Serial:	<u>E2416</u>
HP:	<u>50</u>	Imp:	<u>7 11/32</u>

DISTRIBUTION LINES OR CANALS:

- 1) Type PVC
- 2) Size 6 inches
- 3) Length 1,300 feet

SYSTEM TYPE:

Permit No. 3354-3

Center pivot:

- | | |
|-------------------------------|----------------------------|
| 1) Make <u>Electrogator</u> | 4) High pressure |
| 2) Number of towers <u>10</u> | 5) Capacity <u>800</u> GPM |
| 3) End gun <u>Y</u> | |

CHEMIGATION EQUIPMENT:

- 1) Does chemigate N

PERMIT QUALIFICATIONS AND REGULATIONS:

- 1) Soil and water permit lands agree with lands being irrigated and lands listed on permit Y
- 2) Special qualifications to permit being abided by Y
- 3) All structures, wells and lands on map Y
- 4) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Y



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

April 12, 1995

3354-3

James F. Schumacher
HCR 31, Box 43
Pierre, SD 57501

Dear Mr. Schumacher:

The inspection of your water use system and the inspection of the extent of application of water to beneficial use, as developed under Water Permit No. 33534-3, has been completed. Your final water right document, the Water License, can now be issued.

Statutes require that we charge a \$50.00 fee for the inspection and issuance of the Water License. Upon receipt of the \$50.00 fee from you, we will begin processing your Water License.

Please remit fee to:
Department of Environment & Natural Resources
Water Rights Division
523 E. Capitol
Pierre, SD 57501-3181

South Dakota Water Law 46-5-30.1 requires that a permit holder may not divert water until the \$50.00 license fee has been paid. Please contact us if you have any questions.

Sincerely,

Cheryl F. Frost
Secretary
Water Rights Division
(605) 773-3352

NOTE: On check or money order, please specify your permit number. This will insure proper handling of the fee.

RECEIPT

414475

Division of Water Rights

South Dakota Department of Environment and Natural Resources

Pierre, _____ April 24, 19 95

RECEIVED OF James F. Schunacher, PO Box 35, Pierre, SD 57501-0035

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. <u>3354-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	50 00

By *John H. Haddock*
Chief Engineer

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 3354-3

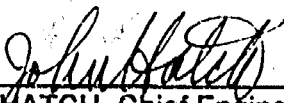
(1) James F. Schumacher, HCR 31, Box 49, Pierre SD 57501 made Application No. 3354-3, December 6, 1976 for a water permit to appropriate 1.95 cubic feet of water per second from groundwater, Hughes County, South Dakota for irrigation purposes. Permit No. 3354-3, with a priority date of December 6, 1976 was approved January 27, 1977 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before January 27, 1982 and for the application to beneficial use of said water on or before January 27, 1983.

(2) It is certified that the applicant has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 1.78 cubic feet of water per second for beneficial use. The location of the diversion points are: Well #1: 30 feet east of the center of the SW 1/4; Well #2: 1,000 feet south of the center of Section 11; all in T112N-R80W.

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

Section 11-T112N-R80W	NW 1/4 SW 1/4	34 acres
	NE 1/4 SW 1/4	34 acres
	SW 1/4 SW 1/4	34 acres
	SE 1/4 SW 1/4	34 acres
Total		136 acres

(4) Pursuant to South Dakota Water Law 46-5-30.1 James F. Schumacher, HCR 31, Box 49, Pierre SD 57501 the holder and/or owner of Water Permit No. 3354-3 is issued a license to appropriate water, the right to use 1.78 cubic feet of water per second from groundwater (two wells) with a priority date of December 6, 1976 from the location specified in (2) of this license. The water to be conducted to and upon lands specified in (3) of this license for the purpose of irrigation. This license is subject to any limitations or qualifications listed in Water Permit No. 3354-3 and subject to South Dakota State Law.


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

SEP 6 1995

date



SEP 6 1995

3354-3

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

3354-3

James F. Schumacher
HCR 31, Box 49
Pierre, SD 57501

Dear Mr. Schumacher:

Enclosed is Water License No. 3354-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 414475 in the amount of \$50.00 which you paid for the inspection and issuance of the Water License.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 3354-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

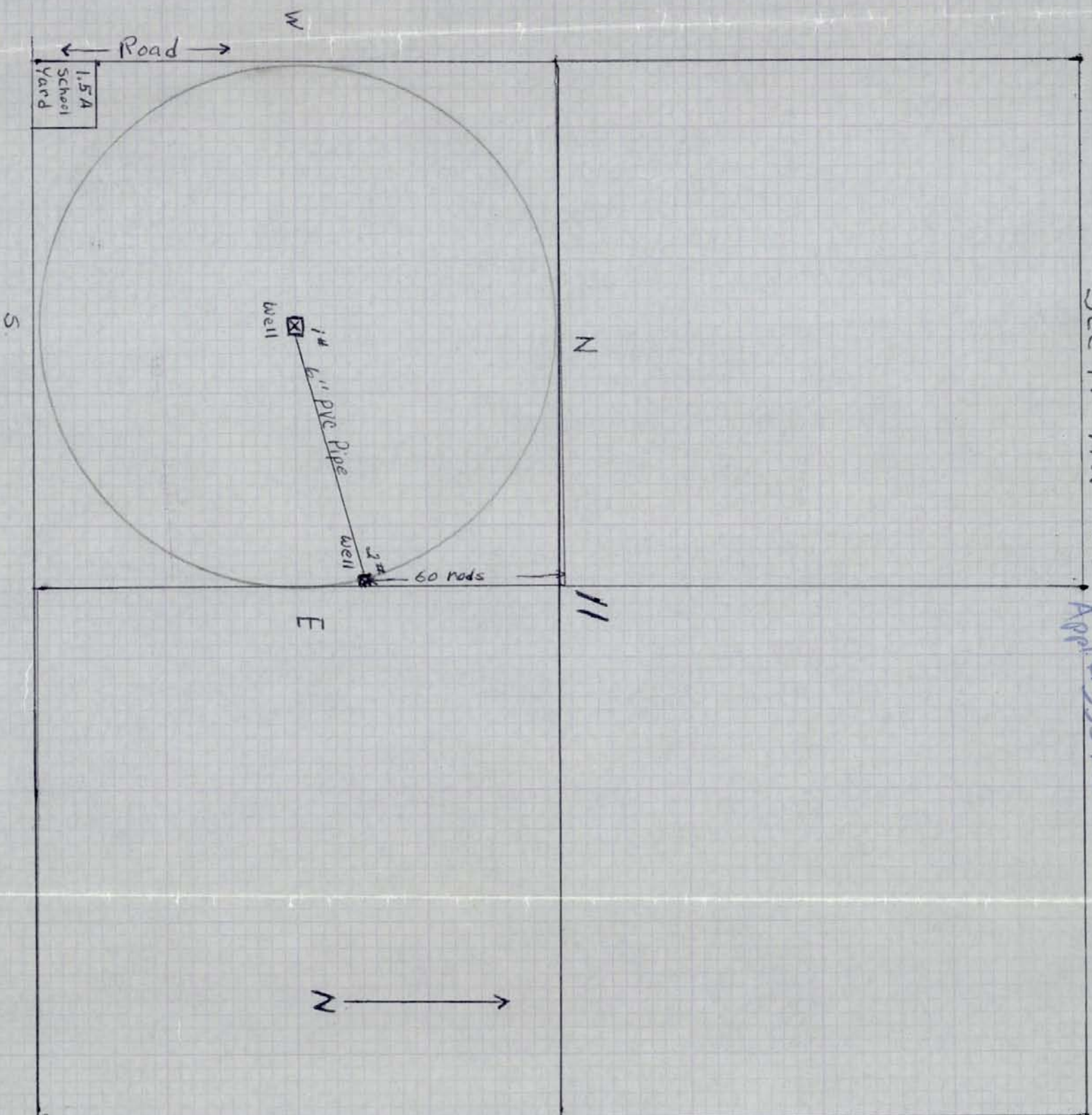
Very truly yours,

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

rd
enclosures

Sec 11 112-80

App #3354-3



James F. Schumacher
Part A
Pierre, South Dakota 57501

Irrigation Project No. 1

James Tibbels
Knapke Co. Report

MA 26410-3

MA 26410-3 App #3354-3

Wm. Schumacher SW $\frac{1}{4}$, E $\frac{1}{2}$

112-70

(1-20)

300.0
CR 1459-68-1978

Arthur J. Williams N $\frac{1}{2}$

149.9

30.4

New Line Construction SW $\frac{1}{4}$

Ivan Allenman
SE $\frac{1}{4}$

112-80

NOT TO SCALE

T 444



285.0

NC

T 444

T 465

34 acres

34 acres

1,000'

Well No. 1

Well No. 2

30'

34 acres

34 acres

380

149.9

112-80

11

11 12

T 462

D-2

1" = 754'

Don Small
Natural Resources Engineer
6/27/91

3354-3