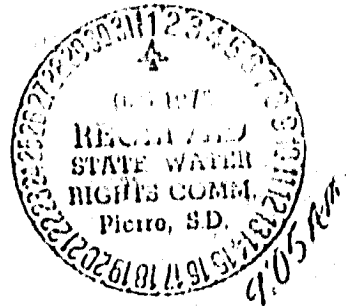


Water Right Number 3159-3

1. Considered 11-17, 19 76
2. Name of Applicant CRAIG WOLLMAN
3. Post Office Address HITCHCOCK
4. Amount of water claimed 1.78
5. Source of water supply 82' DEEP WELL
6. Water to be used for IRRIGATION
Acres to be irrigated 160
7. Water to be diverted and used in SPINK County
about 7E 8S Miles of FRANKFORT
8. Proof of Publication
Received 11-15-76
Not received
9. Application
Approved
Subject to
Not approved
Action deferred
10. Remarks:

No. 3159-3
 Map No. 2500-3 Water Division No. 3 JAMES 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 the word "not" if not applicable)

SEC
10-29

1. Name of Applicant Craig Wallman
 Post-office address Danلود Frankfort, State S. D.
 If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) direct labor
3. Name of diversion work well
4. Amount of water claimed (cubic feet per second) 1.78 cfs. 800 GPM estimate
5. Source of water supply spring in for
6. Location of point of diversion 40 rods S of center of Sec 21
R6W T11N
- County Spink
7. Annual period or periods during which water is to be used April 1 - Oct. 31
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 160

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.
<u>South 40A of NE 1/4 of</u>		<u>NE 1/4 of SE 1/4 of</u>	
<u>Sec 21 R6W T11N</u>	<u>40</u>	<u>Sec 21 R6W T11N</u>	<u>40</u>
<u>NW 1/4 of NE 1/4 of Sec 21</u>		<u>NE 40 of SE 1/4 of</u>	
<u>R6W T11N</u>	<u>40</u>	<u>SE 1/4 of S 21 R6W T11N</u>	<u>40</u>

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 1 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 Redfield Press
12. Principal Features of the Proposed Water Supply System.

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

well

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

underground or on surface pipe

C. Works proposed to apply water to beneficial use.

center pivot or sprinkler (some type)Estimated Total Cost \$ 40,000

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 _____

I, Craig Wallman, 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 Craig WallmanSubscribed and sworn to before me this 30th day of Sept 1946

Notary Public (or other qualified officer)

Dean Reed Notary
Comm. Expires 10/31/47

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 3159-3
CRAIG ALLOLMAN DOLAND FRANKFORT
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57440 With the following modifications:
 (State)

The irrigation well 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 OCTOBER 1, 19 76
 Date of return to applicant for correction, amendments or changes required _____, 19 ____
 Date of receipt of corrected application OCTOBER 29, 19 76
 Approved NOVEMBER 18, 19 76, Recorded in Book 16 Page 231

WATER RIGHT PERMIT NO. 3159-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 3159-3 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 take right: OCTOBER 1, 19 76
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before MAY 18, 19 77
3. The whole of said work is to be completed on or before NOVEMBER 18, 19 77
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is NOVEMBER 18, 19 78
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 1.78 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 18, 19 78; said water to be used during the following described annual period: APRIL 1 - OCTOBER 31

Witness my hand this 22ND day of DECEMBER, 19 76

WATER RIGHTS COMMISSION

By:

John Hatch
 Civil Engineer, Executive Officer

Certificate of Construction Issued _____

Water License Issued _____

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

D. Well Information or Estimates

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

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 coarse gravel

Depth to top of water bearing material 16 ft

Depth to bottom of water bearing material 582 ft

Thickness of water bearing material 66 ft.

Depth to water (ground surface to water level) _____

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

On same owner's property 200 rds. On property owned by others 90 rds.

G. Water Storage Dams

If you own one or more water storage dams, please show in the space provided the surface area and storage capacity of each storage dam. The location of each dam should be shown on the water right map.

4-12-77

SAYS HE IS MOVING
WELL - TOLD HIM HE
COULD GO AHEAD, AND
WE WOULD PICK IT UP
ON FINAL INSPECTION

Craig Wellman
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 Craig Wallman
ADDRESS Deland, SD
COUNTY Spink

LEGAL DESCRIPTION

1. WELL LOCATION 40' E of S center of S 21 R 61 W T 11 S N
2. LOCATION OF AREA TO BE IRRIGATED South 40 A. of the NE 1/4 of North 120 A. of SE 1/4 of Sec 21 R 61 W T 11 S N

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT X portable GUN _____
4. CROPS TO BE IRRIGATED corn, alfalfa, wheat

WATER QUALITY

5. SAMPLE NUMBER 76-1518
6. SALINITY (EC x 10⁶) 343 (high)
7. SODIUM (SAR) 1.941 (high)
8. RESIDUAL SODIUM CARBONATE (meq/l.) _____

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.

SUBSCRIBED AND SWORN BEFORE ME THIS
30th DAY OF Sept. 19 76

[Signature]
(TITLE OR SEAL)
Commissioner

Craig Wallman
APPLICANT'S SIGNATURE

Approval does not imply that this project can be carried out successfully by all applicants. Individual management of the large acreage, determine the relative success of the venture.

[Signature]
APPROVED/DIRECTOR

(SOIL INFORMATION ON REVERSE SIDE)

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

Submitted by: Craig Wollman
 Address: Idoland, SD 57436

Date Rec'd: October 1, 1976
 Sample No.: 76-1518
 Identification: Wollm
Ch, Sec. 21, T 115N, R 61W

WATER ANALYSIS

Calcium (Ca)	139	ppm*	6.95	me/l**
Magnesium (Mg)	31	ppm	2.54	me/l
Sodium (Na)	97	ppm	4.22	me/l
Potassium (K)	9	ppm	0.23	me/l
Sulfate (SO ₄)	270	ppm	5.62	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	30	ppm	0.85	me/l
Bicarbonate (HCO ₃)	407	ppm	6.68	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)	334	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1343	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	1.94			
Sodium	30.27%	of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.55			
Others:				

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

COMMENTS: Total cations 13.94 me/l
 Total anions 13.15 me/l

By: Shirley Mittan

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. <u>76-1518</u>	Amount Enclosed \$
	Signed

adv

October 26, 1976

Mr. Craig Wollman
Holland, SD 57436

Dear Mr. Wollman:

Your water sample (Lab. No. 76-1518) 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,

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

LOF:ckb

Enclosures

cc: State Conservation Commission

No. 3159-3

Publish first publication, on or before
November 4, 1976

NOTICE OF INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

October 29, 1976

Notice is hereby given that Craig Wollman
whose post office address is Doland, 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 1.78 cubic feet of water per
second of time from the ground water through the
Craig Wollman #1, the point of diversion of which is to
be located in the NW $\frac{1}{4}$ SE $\frac{1}{4}$

of Section 21, Twp. 115N, Range 61W. Said water to be used
for the purpose of providing irrigation on the following portions of
SE $\frac{1}{4}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, Section 21, T115N, R61W

This application No. 3159-3 will be considered by the Water Rights
Commission at the Marvin Hughitt Hotel in Huron, South Dakota
upon the 17th day of November, 1976 at 10:00 A.M. All
interested persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES, Water Rights Specialist

BFJ/bw
cc: Craig Wollman, Doland, SD 57436

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

No. 3159-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Spink) ss.

I, Harold D Jones hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Leadfield Press

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 Leadfield

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

November 4 November 11

Harold D Jones
(Signature)

editor
(Title)

November 11, 1976
(Date Signed)

No. 77

No. 3159-3
Publish first publication,
on or before
November 4, 1976

NOTICE
OF INTENT TO
APPROPRIATE WATER

Pierre, South Dakota 57501
October 29, 1976
Notice is hereby given that
Craig Wollman whose post office
address is Doland, South Dakota,
has made an application in ac-
cordance with the provisions of
the water laws of South Dakota
for a permit to appropriate for
beneficial use 1.78 cubic feet of
water per second of time from
ground water through the Craig
Wollman No. 3159-3 the point of
diversion of which is to be located
in the NW 1/4, SE 1/4 of Section 21,
Twp. 11N, Range 61W. Said
water to be used for the purpose
of providing irrigation on por-
tions of the following described
land:

SE 1/4 and NE 1/4 of Section 30
and SW 1/4 of Section 29, T11N,
R61W, Section 29, T11N, R61W,

This application No. 3159-3 will
be considered by the Water
Rights Commission at the Marvin
Hughitt Hotel in Huron, South
Dakota upon the 17th day of
November, 1976 at 10:00 A. M.
All interested persons may ap-
pear and be heard.

WATER RIGHTS
COMMISSION

By: BURTON F. JONES,
Water Rights
Specialist

BFJ-bw
cc: Craig Wollman, Doland, SD
57436

(November 4, 11)



Form 10.

No. 3159-3



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

Post Office Poland S. Park

Date June 13, 1977

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. 3159-3.

Water Right Permit No. 3159-3 states that the diversion system is to be constructed by Nov 18, 1977 and that the water is to be put to beneficial use by Nov 18, 1977.

The diversion system was completed on June 8, 1977.
Applying the water to beneficial use was completed on June 13, 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.

Craig Wollman
(Signature)



Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

Water Rights Division
605 773-3352

January 17, 1983

Craig Wollman
Route #1 Box 64
Frankfort SD 57440

Dear Mr. Wollman:

For your information the recent correspondence from the State Conservation Commission on your permit Nos. 3159-3, 4196-3 and 4203-3 was incorrect.

Permit No. 4203-3 is the permit for 5 acres in the NE 1/4 Sec. 21, T115N, R61W which was not covered by approval from the State Conservation Commission. This has been corrected in our office and the State Conservation Commission. Enclosed is a corrected copy. This Permit is in compliance with State Statutes and the Water License for this permit will be forwarded to you in the near future.

The Water License on Permit No. 4196-3, which will be incorporated with Permit No. 3159-3, will be processed as soon as we receive the soil/water compatibility approval for the 40 acres which was not covered under Permit No. 4196-3 from the State Conservation Commission.

If you have any questions, please contact this office.

Sincerely,

BETTY WESTLUND
Water Rights Specialist

BW:ks

enclosure

cc: Colleen Fry
State Conservation Commission

**South Dakota Department of
Water & Natural Resources**

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

4196-3
3159-3

January 10, 1982

Craig Wollman
Route #1, Box 64
Frankfort, S.D. 57440

Dear Mr. Wollman:

In writing up your water license for your permit No. 4196-3, it has been discovered you do not have soil/water compatibility approval from the State Conservation Commission on the 40 acres in the S1/4SE1/4, Section 21-T115N-R61W. In order to bring Permit No. 4196-3 into conformance with the State Statutes it will be necessary to acquire approval from the State Conservation Commission.

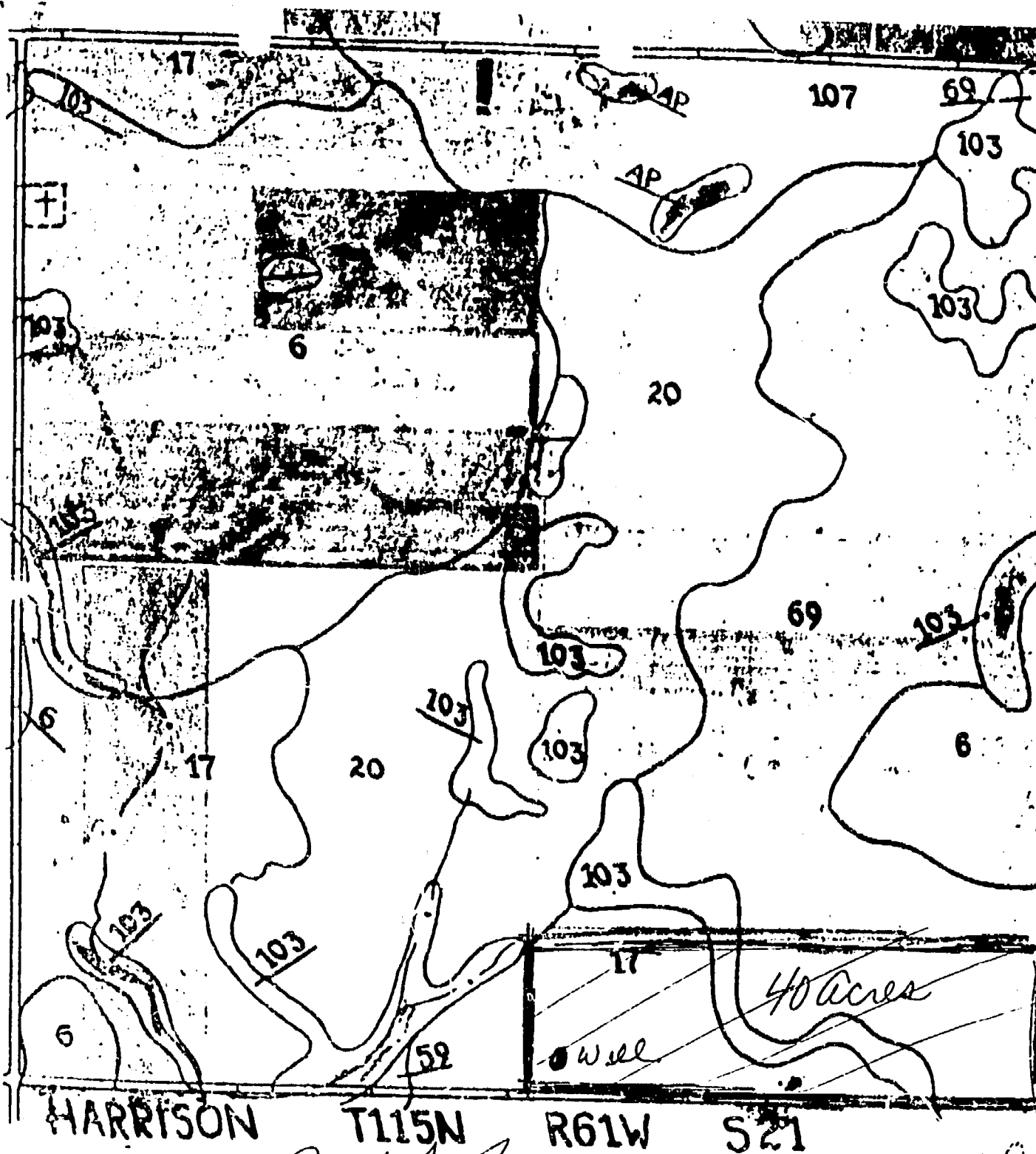
A copy of this letter will be forwarded to the State Conservation Commission. They will be contacting you with their forms and procedures regarding the forty acres not covered.

Upon receipt of the approval from their office further processing of your Water License combining permit No. 3159-3 will proceed. If you have any questions feel free to contact this office.

Sincerely,

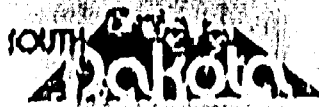
BETTY WESTLUND
Water Rights Specialist

bw
cc: Jim Stukel, SCC with maps



Robert A. Sampson
Spink Co. 4th Agent
Redfield, S. Dak.
57469

not covered



Department of Water & Natural Resources

Jon Foss Building
523 East Capitol
Pierre, South Dakota 57501

WATER RIGHTS DIVISION
Phone (605) 773-3352

No. 4196-3

3159-3

March 21, 1983

Craig Wollman
Route #1, Box 64
Frankfort, South Dakota 57440

Dear Mr. Wollman:

Enclosed herewith is, Water License No. 4196-3. This is the final water right document completing your process of obtaining a water right.

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.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division

JHms

Enclosures

P.S. The applicable portions of Permit No. 3159-3 have been incorporated into this Water License No. 4196-3.

MNF-817 3/83

Transmittal of

3-6515-244 3 APR 1959

