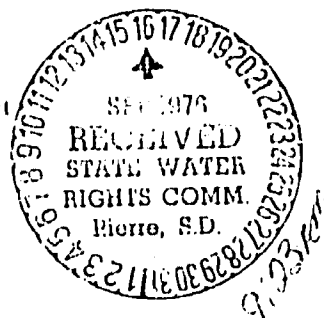


Water Right Number 3057-3

1. Considered 10-21, 19 76
2. Name of Applicant Hillside Colony
3. Post Office Address Orland
4. Amount of water claimed 2.3
5. Source of water supply 95' deep well
6. Water to be used for irrigation
Acres to be irrigated 640
7. Water to be diverted and used in Spink County
about 2E 11S Miles 1.2 of Orland
8. Proof of Publication Received 1st
Not received _____
9. Application Approved _____
Subject to _____
Not approved _____
Action deferred _____

10. Remarks:

Map No. 2381-3 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 items not applicable)

1. Name of Applicant Hillside Colony
 Postoffice address Hotland State S. Dak. 57436
 If a corporation show date and place of incorporation Hillside Association
 2. Method of accomplishing work (by contract, employment of others, or by direct labor) direct labor
 3. Name of diversion work Hillside Colony
 4. Amount of water claimed (cubic feet per second) 2.3 (1000 gpm per minute)
 5. Source of water supply Well
 6. Location of point of diversion NW 1/4 29-115-60
 7. Annual period or periods during which water is to be used May 1 to Nov 1 Count Spink
 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 640

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>Whole Section 29-115-60</u>	<u>640</u>		

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 9 years. Additional time required to complete application of water to the proposed beneficial use _____ years.
 11. Choice of newspaper for Notice of Intent to Appropriate Water publication Hotland Time Record
 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

50,000.-

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 Spink

I, William Hillside 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 William HillsideSubscribed and sworn to before me this 15 day of September, 1976

Notary Public (or other qualified officer)

NOTARY PUBLIC - SOUTH DAKOTA

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 3057-3
HILLSIDE COLONY DOLAND
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57436 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 SEPTEMBER 16 19 76
 Date of return to applicant for correction, amendments or changes required --- 19 ---
 Date of receipt of corrected application OCTOBER 7 19 76
 Approved OCTOBER 21 19 76, Recorded in Book 16 Page 160

WATER RIGHT PERMIT NO. 3057-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 3057-3 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 16 19 76
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before OCTOBER 21 19 77
3. The whole of said work is to be completed on or before OCTOBER 21 19 78
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is OCTOBER 21 19 82
5. The water appropriated shall be used for the purpose of IRRIGATION

6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.

7. The amount of the appropriation herein granted shall not exceed 2.22 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 OCTOBER 21 19 82; said water to be used during the following described annual period: MAY 1 TO NOVEMBER 1

Witness my hand this 1ST day of DECEMBER 19 76

WATER RIGHTS COMMISSION

By:

John Hatch
 Chief Engineer, Executive Officer

Certificate of Construction Issued _____, 19 ____

Water License Issued _____, 19 ____

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

D. Well Information or Estimates

(1) Drill Hole, Diameter 3 1/2", Depth 95'
 (2) Casing, Type steel (wood, concrete, steel, etc) Diameter 16 Thickness 10 ga.
 (3) Perforated Screen
 Type 3/8 x 1/4, Diameter 16", Length 40'
 (4) Gravel Pack, Thickness 9", Length of gravel pack 40'

E. Dugout Information or Estimates

(1) Surface dimensions 8' x 8', Depth 40"

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 sand, gravel

Depth to top of water bearing material 55'
 Depth to bottom of water bearing material 95'
 Thickness of water bearing material 40'
 Depth to water (ground surface to water level) 25'

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

On same owner's property _____ rds. On property owned by others 50 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.

Hillside Colony
 Signature of Applicant
Joe Walden

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 ONLY)



NAME

Hillside Colony

ADDRESS

Holland, South Dakota 57436

COUNTY

Spencer

LEGAL DESCRIPTION

1. WELL LOCATION

SW 1/4 29-115-60

2. LOCATION OF AREA TO BE IRRIGATED

eventually the whole section
2 29-115-60

TYPE OF IRRIGATION

3. GRAVITY

TOWLINE

CENTER PIVOT

GUN

4. CROPS TO BE IRRIGATED

Corn, wheat + alfalfa

WATER QUALITY

5. SAMPLE NUMBER

76-1403

6. SALINITY (EC x 10⁶)

1506 (high)

7. SODIUM (SAR)

3.53 (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 _____ 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

APPLICANT'S SIGNATURE

Carl Walder Hillside Colony

SUBSCRIBED AND SWORN BEFORE ME THIS

15 DAY OF September 19 76.

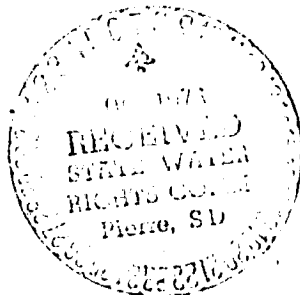
(TITLE OR SEAL)

David R. Reed

APPROVED/DISAPPROVED

Approved by _____
I hereby certify that the applicant has determined the relative
salinity of the water and the soil, and that the water is suitable for
irrigation of the land described herein.

(SOILS INFORMATION ON REVERSE SIDE)



October 4, 1976

Mr. Joe Waldner
Hillside Colony
Doland, SD 57436

Dear Mr. Waldner:

Your water sample (Lab. No. 76-1403) 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. Fire

L. O. Fire
Water Quality Lab

LOP:ckb

Enclosures

cc: State Conservation Commission

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

Submitted by: Joe Waldner
 Address: Hillside Colony
Doland, SD 57436

Date Rec'd: September 21, 1976
 Sample No. 76-1403
 Identification Well
SW1, Sec. 29, T 115N, R 60W

WATER ANALYSIS

Calcium (Ca)	124	ppm*	6.20	me/l**
Magnesium (Mg)	23	ppm	1.89	me/l
Sodium (Na)	163	ppm	7.09	me/l
Potassium (K)	11	ppm	0.29	me/l
Sulfate (SO ₄)	470	ppm	9.78	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	96	ppm	2.69	me/l
Bicarbonate (HCO ₃)	234	ppm	3.84	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)	192	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1506	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	3.53			
Sodium	45.83	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.38			

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

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

COMMENTS: Total cations 15.47 me/l
 Total anions 16.31 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. 76-1403

Amount Enclosed \$

Signed

Form 6 - Notice of Intent to Appropriate Water

No. 3057-3

Publish first publication, on or before October 12 1976

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

October 7 1976

Notice is hereby given that Hillside Colony
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
2.3 cubic feet of water per second of time from the ground water through the
Hillside # 2, the point of diversion of which is to be located in the _____

NW 1/4 Sec 2

of Section 29, Twp. 115N, Range E04. Said water to be used for the purpose
of providing irrigation on portions of the following described land:

Section 29, 115N, E04

This application No. 3057-3 will be considered by the Water Rights Commission at their office at
Pierre upon the 21st day of October, 1976, at 1:00 P. M. All interested
persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BFJ/bw

cc: Hillside Colony, Doland, S. D. 57436

No. 3057-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Beadle) ss.

I, Dorothy Murphy hereby

certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the Huron Daily Plainsman

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 Huron of _____

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

October 11, 1976

October 18, 1976

Dorothy Murphy
(Signature)

Bookkeeper
(Title)

October 18, 1976
(Date Signed)

F.P. 10-11-76 L.P. 10-18-76
NOTICE OF INTENT TO
APPROPRIATE WATER
Pierre, South Dakota 57501
October 7, 1976

Notice is hereby given that
Hillside Colony 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 2.3 cubic feet of water per second
of time from ground water through
the Hillside No. 2, the point of
diversion of which is to be located in
the NW 1/4 SW 1/4 of Section 29, Twp.
115N, Range 60W. Said water to be
used for the purpose of providing
irrigation on portions of the
following described land: Section 29,
T115N, R60W.

This application No. 3057-3 will be
considered by the Water Rights
Commission at their office at Pierre
upon the 21st day of October, 1976, at
1:00 p.m. All interested persons may
appear and be heard.

WATER RIGHTS COMMISSION
By Burton F. Jones
Water Rights Specialist
No. 574 (adv.)



SOUTH



Department of Water & Natural Resources

Joe Foss Building Water Rights Division
Pierre, South Dakota 57501

(605) 773-3352

No. 4236-3

September 27, 1982

Hillside Colony
George Waldner
Rt #1, Box 84
Doland SD 57436

Dear Sirs:

Enclosed herewith are, Water License No. 4236-3 and Certificate of Construction.

Water License No. 4236-3 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

JH:ks

enclosures

NOTE: Applicable portions of Permit No. (3057-3) have been incorporated into this Water License No. 4236-3

CAPITOLA

T115N

R60W

S29

29

103

6

a

103

24

Robert J. Sampson
Land Co. Agent
Redfield S.D.
1746

69

29

69

Well

South 1/2 first

69

24

~~MAP NO 35813~~ P.M. NO 3057-3