

Recorded

6-9-21

at Florence

Wells - Florence

36' deep 12" steel casing - 15' section
Fairbanks Morse 4" Pump Powered by
Fairbanks Morse 20HP Electric Motor
62' deep 12" steel casing - 15' section
Pierless - Serial G70 4-201
8" Pump Powered by 40HP GE Electric Motor

Approx. 5 1/2 miles
C-3-2 1/2 - 2 inch P.V.C. pipe

Random 90c - 1 1/32" nozzle + 7/32"

C 90' spacing (see drawing)

1 - Random 41C pipe, spigot, per green 12' drawing
2 - " " " " " " "

4454-3
BROOKINGS COUNTRY CLUB
RURAL ROUTE
BROOKINGS, SD 57006

See River

Water Right No. 4454-3

1. Considered JAN 30 1980
2. Name of Applicant BROOKINGS COUNTRY CLUB
3. Post Office Address _____
4. Amount of Water Claimed 1.18 (60 ADD'L ACRES) (1.18 CFS)
.33 W/L FOR 543-3 57.01 ACRES
5. Source of Water Supply 70' & 38' WELLS
6. Water to be used for IRRIGATION (GOLF COURSE)
7. Acres to be irrigated 60 ADD'L (117 TOTAL) ^{maximum} feet _____
8. Water to be diverted and used in BROOKINGS County
about 4 S 1 miles WEST of BROOKINGS
9. PROOF OF PUBLICATION Received 1-14-80

Not Received _____

APPLICATION

Approved

FF & CofL

5-22-80

Subject to _____

Not Approved _____

Action deferred _____

*Involves cancellation of
543-3 - well #1 right
adjacent to Lake Campbell*

Priority

Date

Received 10-29-79

Application Complete yes X no _____

FEE 150.00

AC. 10-29-79

3 JUNE, 1946

IR 57.01 AC.

cannot be used

after log

24-79

WATER
QUALITY

Remarks Chg point of diversion from Lake Campbell (543-3 V/R) to

38' well & add another well & 60 acres. Two will be

combined upon approval "Partial V/R" need logs

Date, information and/or

fee or corrected Application received _____

Period of Annual Use APRIL THRU OCTOBER

Received yes X no _____ APPROVED CONDITIONAL (Circle one)

WI-1 Description same as application yes X no _____

Remarks _____

Water Quality Received 4/16/80 for V/R lands

Disapproved _____

Returned _____

Diversion Point Chg of Diversion

to well in Gov't Lot 9 & New

well NE⁴ SE⁴, Sec. 28-

T109N - R50W

Lands to be irrigated _____

NE⁴ SE⁴, SE⁴ SE⁴;

Gov't Lots 8 & 9, all in

Sec. 28-T109N-R50W

WELL
LOG

Remarks Called again Dec. 12th requesting signed logs.

Driller #2 Empire Dr. #1-Doug Rust & Son Licensed yes X no _____

Depth 70' & 38'

MAP

Map No. 3683-3 Map located in Water Right X Map file _____
 Type of Map Drawn - Engr. Prepared by JT Basiner

+++++

REVIEWED

This Application was reviewed within 30 days of date received, accepted as complete, Number assigned and written up for advertisement before the Board on 1-30-80

Swesland
 (Signed)

+++++

PROTESTS

Letters/Petitions in File - yes _____ no _____ Remarks _____

REMARKS

F.F. & C
 OF LAW,
 FINAL
 DECISIONS
 ETC.

Date

Final Decision, including F.F. & C of Law were adopted _____

Date

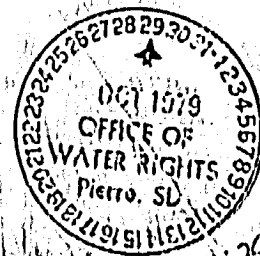
Final Decision mailed to parties and/or parties notified that Final Decision was adopted _____

Remarks

to May 22, 1960 mtg
Delayed FF as WR approval not given for VLR lands
totally different source of water.

No. 4454-3

Map No. 3683-3 Water Division No. 7 BIG SIOUX RIVER District
Above for Office Use



APPLICATION FOR PERMIT To Appropriate Water within the State of South Dakota

Check one of the following:

Now X Vested Right _____ Future Use _____

Change in Diversion X Additional Diversion X

Change in Acreage 57 Additional Acreage 60

1. Name of Applicant Brookings Country Club Phone No. 693-4315
Post Office Address Rural Route Brookings State South Dakota 57006
(Street, RR, or Box) (Town) (Zip Code)
If a corporation show date and place of incorporation 1951, South Dakota
2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract
3. Name of diversion work BCC Irrigation Facilities, Well No's. 1 & 2
4. Amount of water claimed (cubic feet per second) 2 cfs @ .85 + .33 V/R = 1.18
5. Source of water supply Shallow Underground Aquifer
6. Location of point of diversion Well No. 1 - SW 1/4 Sec. 28-109-50
Well No. 2 - NE 1/4 Sec. 28-109-50

County Brookings
7. Annual period or periods during which water is to be used April through October annually
8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation - golf course
9. For irrigation use, Total number of acres to be irrigated 117 (60 ADDL)

List below each forty acre subdivision, or lot, or tract on the map and show number of acres to be irrigated in each.

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
NE 1/4 (Gov't Lot 8) 28-109-50	30	NE 1/4 28-109-50	30
SW 1/4 (Gov't Lot 9) 28-109-50	27	SE 1/4 28-109-50	30

Attach sheet if more space is needed

10. Time required to complete construction of water supply system completed years. Additional time required to complete application of water to the proposed beneficial use completed years.

11. Choice of county newspaper for publication of Notice of Intent to Appropriate Water Brookings Register

12. Principal Features of the Proposed Water Supply System.

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

2 - Shallow Wells w/400 gpm Irrigation Turbine Pumps

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

Underground pipe system

C. Works proposed to apply water to beneficial use.

Underground Irrigation System with auto/manual operation

Estimated Total Cost \$ 100,000

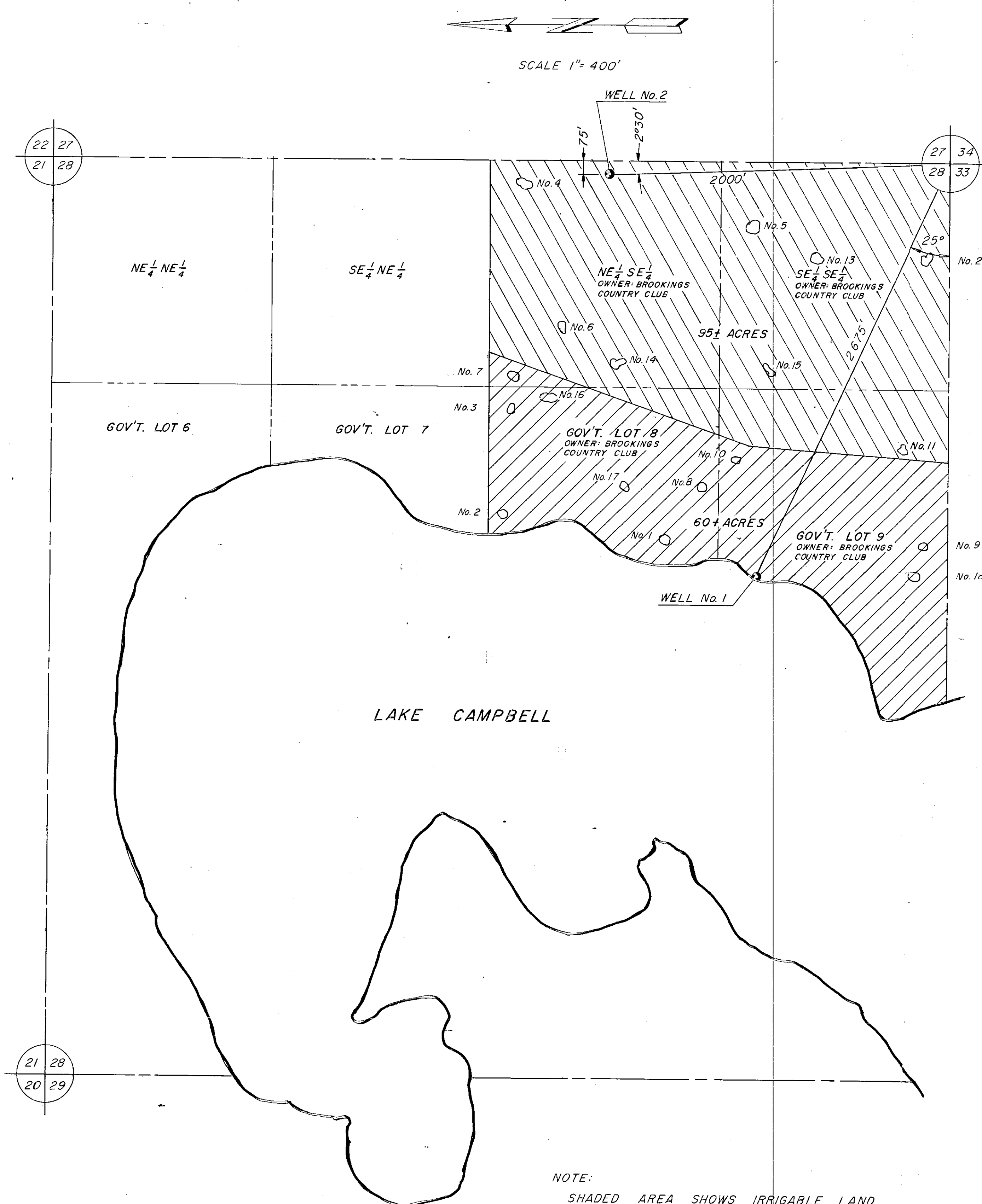
Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map. (see instructions concerning preparation.)

STATE OF SOUTH DAKOTA)
County of BROOKINGS) ss.

I, GEORGE S. NICKELSON 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 [Signature]
Subscribed and sworn to before me this 22nd day of October, 1979.
Notary Public (or other qualified officer)

66-8-11
225



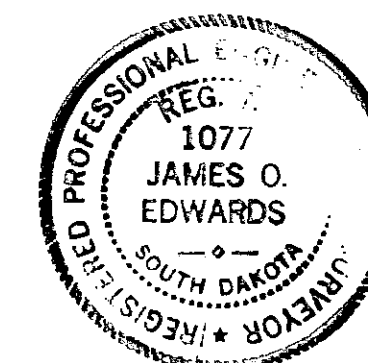
SURVEYORS CERTIFICATE

STATE OF SOUTH DAKOTA SS
COUNTY OF BROOKINGS

I, JAMES EDWARDS, A REGISTERED LAND SURVEYOR WITHIN THE STATE OF SOUTH DAKOTA, DO HEREBY CERTIFY THAT AT THE REQUEST OF THE BROOKINGS COUNTRY CLUB, I DID SURVEY THE TRACTS OF IRRIGABLE LAND WITHIN THE OWNERSHIP BOUNDARIES FOR WHICH APPLICATION FOR AN APPROPRIATE WATER RIGHTS TO WITHDRAW UNDERGROUND WATERS FROM THESE TRACTS FOR IRRIGATION PURPOSES AND THAT THIS MAP IS A TRUE REPRESENTATION THERE OF.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL
THIS 20th DAY OF MARCH, A.D. 1975

James O. Edwards
REGISTERED LAND SURVEYOR



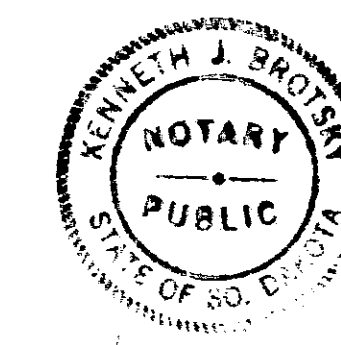
ACKNOWLEDGMENT OF SURVEYOR

STATE OF SOUTH DAKOTA SS
COUNTY OF BROOKINGS

ON THIS DAY, BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC WITHIN AND FOR THE STATE AND COUNTY AFORESAID, PERSONALLY APPEARED JAMES EDWARDS, KNOWN TO ME TO BE THE PERSON WHO EXECUTED THE FOREGOING SURVEYORS CERTIFICATE AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME.

WITNESS MY HAND AND SEAL THIS 20th DAY OF MARCH, 1975.

Kenneth J. Brothman
NOTARY PUBLIC
MY COMMISSION EXPIRES



REV.	DATE	DESCRIPTION	MADE APPR.
J. T. BANNER & ASSOCIATES, INC. CONSULTING ENGINEERS BROOKINGS, SOUTH DAKOTA			
WATER RIGHTS MAP			
SHOWING DIVERSION LOCATION FOR PERMIT TO APPROPRIATE WATER IN A PORTION OF THE SE 1/4 OF SEC. 28 T109N R50W			
DRAWN: D. G. K.	APPROVED:		
DESIGNED: J. O. E.	DATE:		
CHECKED: J. O. E.	APPROVED:		
DATE: MAR. 1975	DATE:	FOR J. T. BANNER & ASSOC. INC.	
SCALE: 1" = 400'	DRAWING NUMBER	6609	
SHEET 1 OF 1			

WATER RIGHT APPLICATION APPROVAL

The Board of Water Management hereby approves Water Right Application No. 4454-3

BROOKINGS COUNTRY CLUB

R.R. - BROOKINGS

SOUTH DAKOTA - 57006

With the following qualifications.

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 adequate domestic wells or in irrigation wells which have prior water rights.

Priority for .33 cfs of this permit was established under Permit No. 543-3.

The applicable portions of Permit No. 543-3 have been incorporated into this permit and Permit No. 543-3 has been placed in a cancelled status.

Date of first receipt of application October 29, 19 79
 Date of return to applicant for correction, amendments or changes required , 19
 Date of receipt of corrected application , 19
 Approved May 22, 19 80, Recorded in Book 21 Page 197

WATER RIGHT PERMIT NO. 4454-3

The Board of Water Management hereby grants and issues this Water Right Permit No. 4454-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as qualified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is .33 from June 1946; .85 from October 29, 1979
2. The equivalent of at least one-fifth of the work above specified is ~~XXXX~~ completed ~~XXXXXXXXXX~~ 19xx
3. The whole of said work is ~~to be completed~~ ~~XXXXXXXXXX~~ XXXX
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is COMPLETED, 19xx
5. The water appropriated shall be used for the purpose of irrigation - Golf Course

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 1.18 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 irrigation purposes said appropriation must be limited to not more than 2 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 This Date, 19xx; said water to be used during the following described annual period: April thru October

Witness my hand this 5th day of June, 19 80

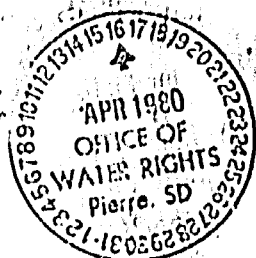
THE BOARD OF WATER MANAGEMENT

By:

John Hatch
 Chief Engineer, Water Rights

Certificate of Construction Issued June 30, 19 81

Water License Issued June 30, 19 81



SOIL/WATER COMPATIBILITY APPLICATION FORM
STATE CONSERVATION COMMISSION
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE

OWNERS NAME: Brookings Country Club OWNERS ADDRESS: Brookings, S.Dak. 57006
COUNTY LAND LOCATED IN: Brookings PHONE: 693-4315
TENANT'S NAME AND ADDRESS: (If Other Than Owner) N/A

In accordance with State Law SDCL 46-5-6.5, if a water right is granted with a conditional permit (Soil/Water Compatibility), a copy of such conditional permit must be filed with the County Register of Deeds.

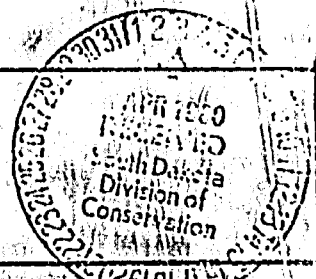
This action must be taken by the holder of a water right within 6 months of receipt of such water right.

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

1. WELL LOCATION OR DIVERSION POINT: Well No. 1-Gov't Lot 9(SW 1/4 SE 1/4) Sec. 28-109-50
2. SURFACE WATER SOURCE N/A No. 2 NE 1/4 SE 1/4 of Sec 28, T109-R30
3. LOCATION OF AREA TO BE IRRIGATED: Gov't Lot 8(NW 1/4 SE 1/4) & Gov't Lot 9(SW 1/4 SE 1/4) Sec. 28-109-50
4. INDICATE NON-IRRIGATED AREAS AND (APPROX.) ACRES ON MAP: (Farmstead, shelterbelts, wetlands, etc.)
- TYPE OF IRRIGATION: (Show approximate acres under each type of system)
5. GRAVITY TOWLINE CENTER PIVOT GUN Underground Pressure Sprinklers OTHER (Specify) 57
6. CROPS TO BE IRRIGATED turf-golf course
7. SHOW ANY PORTION OF LAND THAT PRESENTLY HOLDS AN IRRIGATION PERMIT: YEAR OBTAINED: Unk.
LAND: Same (Surface Water Source - Lake Campbell Permit No. 1)
IN WHAT NAME: Brookings Country Club

WATER QUALITY: (TO BE COMPLETED BY SDSU WATER QUALITY LABORATORY)

8. SAMPLE NUMBER: 79-619 + 74467
9. SALINITY (EC X 10⁶) 1008 - 945
10. SODIUM (SAR) 0.55 - 0.45 ADJUSTED (SAR) 1.40 - 1.15 .96 .8



I hereby certify that I personally obtained or that I personally observed the taking of a sample of the water to be used in irrigating the above-described land. I also hereby certify that the required procedures for the taking of the sample (see back) were followed; and that the sample was taken at 11 P.M. / XXX, on Sept. 24, 1979, at the following location: Well No. 1 - Gov't Lot 9 (SW 1/4 SE 1/4) Sec. 28-109-50 by Carlos Stimson (individual who took sample if other than applicant). I also hereby certify that the water sample taken has NOT been adulterated or tampered with in any manner, and is TRULY REPRESENTATIVE of the water which will be used in irrigating the above-described land.

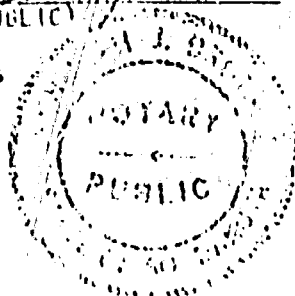
I also hereby certify that a chemical analysis of the irrigation water representative of that used to irrigate shall be acquired from South Dakota State University and the soils information has been acquired from Brookings Co. Conservation District, County Extension Office or Soil Conservation Service; and further, that the legal description for the location of the well and land to be irrigated is true and correct.

I understand that the Division of Conservation or agents thereof may obtain another water sample for the purpose of validating the water sample analysis taken at the time of application (SDCL 46-5-6.4).

SUBSCRIBED AND SWORN BEFORE ME THIS
27 DAY OF March, 1980

Kenneth J. Smith
(NOTARY PUBLIC)

My Commission Expires
January 4, 1981



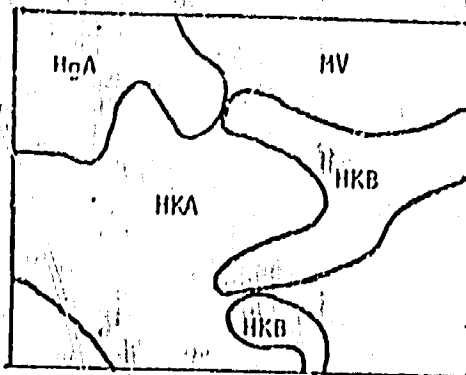
Keith L. Harner
APPLICANT'S SIGNATURE
Keith L. Harner
Director, Division of Conservation
☒ APPROVED
☐ DISAPPROVED
☐ CONDITIONALLY APPROVED

IMPORTANT

Action by the Department of Agriculture or the State Conservation Commission is not the final action on any application.

In all cases, a WATER RIGHT must be obtained from the State Water Rights Commission.

EXAMPLE



- HgA - Highmore - DeGrey silt loams - 0-2% slopes
DeGrey soils have a shallow clay-pan and have slow to very slow permeability generally not suitable for irrigation.
- HKA - Highmore - Eakin silt loams - 0-2% slopes
Soils have a high available water capacity and moderate permeability.
- HKB - Highmore - Eakin silt loams - 2-5% slopes
Same physical composition as HKA - moderate erosion problems.
- Hv - Munjor fine sandy loam - 0-2% slopes
Moderately rapid permeability, moderate or high available water capacity.



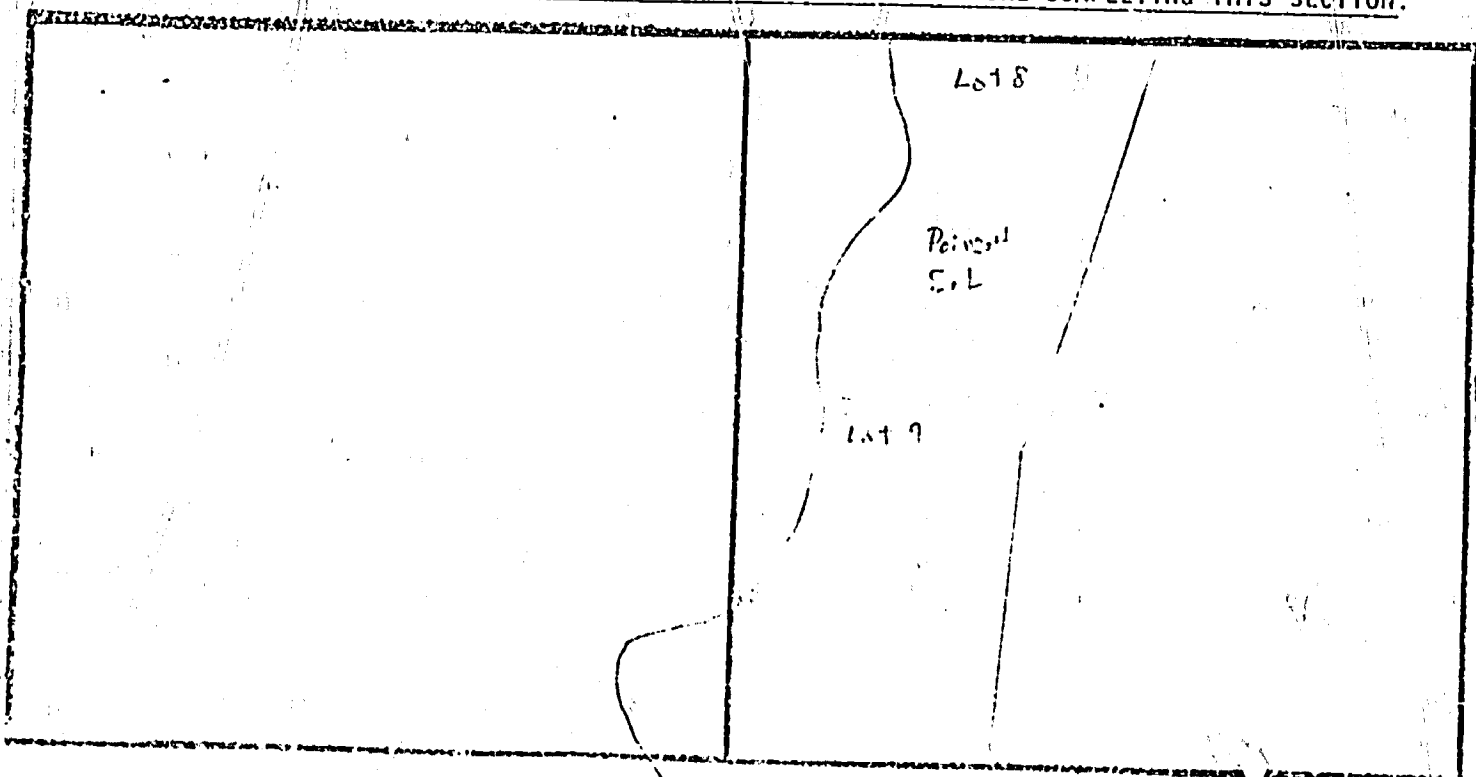
Residents of counties with published or up-to-date soil surveys shall contact their local Conservation District for a copy of the soils map for the area to be irrigated and the narrative explanation of the map.

Residents of counties with no up-to-date soil survey information shall contact the Soil Conservation Service or their local Conservation District to obtain the best information available. If soil survey information is not available, the applicant is requested to obtain this information from a private consultant or professional soil classifier.

NOTE: If at all possible, provide information concerning subsoil physical conditions.

MAP

PLEASE READ LEGAL DESCRIPTION #1 THROUGH #4 ON FRONT SHEET BEFORE COMPLETING THIS SECTION.



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

1081-79

Submitted by: Brookings Country Club
 Address: Brookings, SD 57006

Date Rec'd: September 24, 1979
 Sample No. 79-619
 Identification 61 8011-

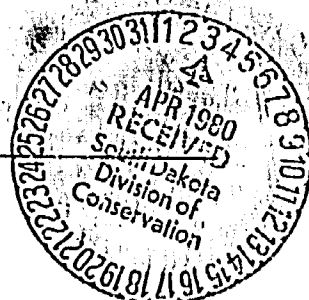
WATER ANALYSIS

Calcium (Ca)	138	ppm	6.99	me/l
Magnesium (Mg)	63	ppm	5.27	me/l
Sodium (Na)	30	ppm	1.31	me/l
Potassium (K)	5	ppm	0.21	me/l
Sulfate (SO ₄)	322	ppm	6.70	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	18	ppm	0.85	me/l
Bicarbonate (HCO ₃)	200	ppm	4.72	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		me/l
Alkalinity (Methyl Orange)	236	ppm (as CaCO ₃)		g.p.g.
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1000	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	5.65	Adjusted SAR	1.40	
Calcium	9.7	% of cations		
Residual sodium carbonate	0.0	me/l		
pH	7.03			

Others:

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

COMMENTS: Total cations 13.51 me/l
 Total anions 11.77 me/l



By: Shirley Hutton

Service Performed

Amount Due

Irrigation analysis

\$15.00 Feb 10. 25-79

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 79-619

Amount Enclosed \$

Signed

SOIL/WATER COMPATIBILITY APPLICATION FORM
STATE CONSERVATION COMMISSION
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE



OWNERS NAME: Buckings Country Club OWNERS ADDRESS: Buckings, S.D.
COUNTY LAND LOCATED IN: Buckings PHONE: 693-4315
TENANT'S NAME AND ADDRESS: (If Other Than Owner) _____

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

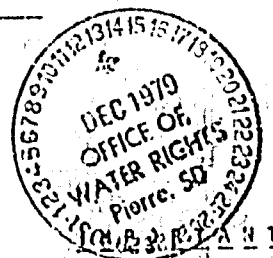
LEGAL DESCRIPTION: (Show Legal Description to Nearest 10 Acres.)
1. WELL LOCATION OR DIVERSION POINT: SW 1/4 Sec 25-109-50 E 1/2 Sec 28-109-50
2. SURFACE WATER SOURCE: Sec 25-109-50
3. LOCATION OF AREA TO BE IRRIGATED: SW 1/4 Sec 25-109-50
4. INDICATE NON-IRRIGATED AREAS AND (APPROX.) ACRES ON MAP: (Farmstead, shelterbelts, wetlands, etc.)
TYPE OF IRRIGATION: (Show approximate acres under each type of system)
5. GRAVITY _____ TOWLINE _____ CENTER PIVOT _____ GUN _____ OTHER (Specify) Rain
6. CROPS TO BE IRRIGATED: Grass
7. SHOW ANY PORTION OF LAND THAT PRESENTLY HOLDS AN IRRIGATION PERMIT: YEAR OBTAINED: _____
LAND: 11/15
IN WHAT NAME: _____

WATER QUALITY: (TO BE COMPLETED BY SDSU WATER QUALITY LABORATORY)
8. SAMPLE NUMBER: 79-619
9. SALINITY (EC x 10⁶): 1008-945
10. SODIUM (SAR): 0.55-0.45 ADJUSTED (SAR): 1.40-1.15 0.98 - 0.80

I hereby certify that I personally obtained or that I personally observed the taking of a sample of the water to be used in irrigating the above-described land. I also hereby certify that the required procedures for the taking of the sample (see back) were followed, and that the sample was taken at 10:00 A.M. PM, on October 8, 1979, at the following location: SW 1/4 Sec 25-109-50
by Charles E. Hume (individual who took sample if other than applicant). I also hereby certify that the water sample taken has NOT been adulterated or tampered with in any manner, and is TRULY REPRESENTATIVE of the water which will be used in irrigating the above-described land.
I also hereby certify that a chemical analysis of the irrigation water representative of that used to irrigate shall be acquired from South Dakota State University and the soils information has been acquired from Buckings Conservation District, County Extension Office or Soil Conservation Service; and further, that the legal description for the location of the well and land to be irrigated is true and correct.
I understand that the Division of Conservation or agents thereof may obtain another water sample for the purpose of validating the water sample analysis taken at the time of application (SDCL 46-5-6.4).

SUBSCRIBED AND SWORN BEFORE ME THIS
29 DAY OF October, 1979.
Charles E. Hume
(NOTARY PUBLIC)

[Signature]
APPLICANT'S SIGNATURE
Director, Division of Conservation



☒ APPROVED
☐ DISAPPROVED
☐ CONDITIONALLY APPROVED

Action by the Department of Agriculture or the State Conservation Commission is not the final action on any application.
In all cases a WATER RIGHT must be obtained from the State Water Rights Commission.

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

Submitted by: Brookings Country Club

Date Rec'd: September 24, 1979

Address: Brookings, SD 57006

Sample No. 79-619

Identification 1-211-

WATER ANALYSIS

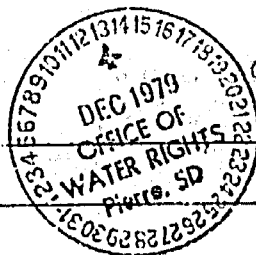
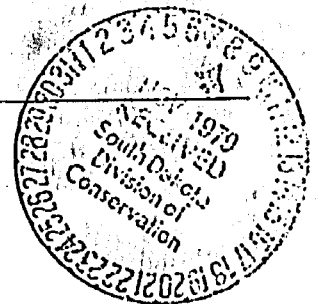
Calcium (Ca)	138	ppm*	6.90	me/l**
Magnesium (Mg)	63	ppm	5.17	me/l
Sodium (Na)	30	ppm	1.31	me/l
Potassium (K)	5	ppm	0.13	me/l
Sulfate (SO ₄)	322	ppm	6.70	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	12	ppm	0.35	me/l
Bicarbonate (HCO ₃)	288	ppm	4.72	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	236	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1008	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.55	Adjusted SAR	1.40	0.98
Sodium	9.70	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.03			
Others:				

*ppm=parts per million

**me/l=millequivalents per liter

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

COMMENTS: Total cations 13.51 me/l
 Total anions 11.77 me/l



By: Shirley Litten

Service Performed

Amount Due

Irrigation analysis

\$15.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment:

Sample No. 79-619

Amount Enclosed \$

Signed

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

Submitted by: Brookings Country Club
 Address: 1. 4
Brookings, SD 57006

Date Rec'd: August 3, 1979
 Sample No. 72-467
 Identification 11-42

WATER ANALYSIS

Calcium (Ca)	160	ppm*	3.00	me/l**
Magnesium (Mg)	29	ppm	0.36	me/l
Sodium (Na)	24	ppm	1.04	me/l
Potassium (K)	10	ppm	0.27	me/l
Sulfate (SO ₄)	222	ppm	1.62	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	4	ppm	0.10	me/l
Bicarbonate (HCO ₃)	359	ppm	5.38	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)	294	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	945	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.45	Adjusted SAR	1.15	0.80
Sodium	8.90	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.03			
Others:				

*ppm=parts per million

**me/l=millequivalents per liter

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

COMMENTS: Total cations 11.67 me/l
 Total anions 10.60 me/l

By: Shirley Litten

Service Performed	Amount Due
Irrigation analysis	15.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 72-467

Amount Enclosed: _____

Signed: _____



NAME OF APPLICANT Brookings Country Club

SOIL RESTRICTIONS:

THE SOIL(S) LISTED BELOW CANNOT BE IRRIGATED:

None

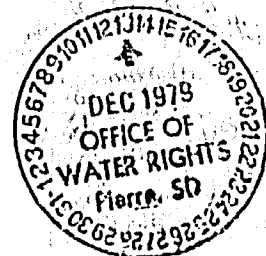
RECOMMENDED MANAGEMENT:

1. Water should not be applied more than NA times during the irrigation season.
2. Each uninterrupted application (one rotation of center pivot) should be of at least NA inches of water.
3. (☒) Yes () No Surface drainage suggested on any area that tends to pond
water.
4. () Yes () No Subsurface drainage suggested on _____.
5. () Deep tillage (for the purpose of aiding movement of water through dense subsoils).

COMMENTS:

6. () Heavy fall application of irrigation water.
7. Type of irrigation system recommended for use on this application Rainbird Traveler.

GENERAL COMMENTS:



Copy to applicant
Copy to Water Rights
Copy on File

Permit No. 4454-3

Water Diversion No. 3 Big Sioux River Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That the Brookings Country Club

Permit No. 4454-3, issued upon Application No. 4454-3, bearing date of priority of June 1946
6 October 29, 1979 authorizing the diversion of 1.18 cu. ft. per second of the waters of
groundwater (two wells) County of Brookings, State of South Dakota at
Well #1, west 25° north, 2675 feet and Well #2, north 2° 30' west, 2000
feet both from the SW corner, Section 28, T109N, R50W
for irrigation (golf course)

purposes, has ye 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 1.3 cu. ft. per second of water.

Date June 30, 1981

John Hatch
JOHN HATCH, Chief Engineer
Water Rights Division

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 4454-3

(1) WHEREAS, On the 29th day of October A. D. 19 79
the Brookings Country Club
 made Water Right Application No. 4454-3 for a permit to use 1.18 cubic feet per second of the waters
 of groundwater (two wells)
 County of Brookings, State of South Dakota, for irrigation (golf course)
 purposes; and
 (2) WHEREAS, On the 22nd day of May A. D. 19 80
 Permit No. 4454-3, with a date of priority of June 1946 and October 29, 1979
 was issued to said applicant S for the diversion of said water, and recognizing the completion of construction of the water
 supply system therein described XXXXXX XXXXXX XXXXXX and for the
 application to beneficial use of said water on or before the XXXXXX day of XXXXXX

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

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

to irrigate the following lands all in Section 26, T109N, R50W

	acres
Lot 8	30
Lot 9	27
NE $\frac{1}{4}$ SE $\frac{1}{4}$	30
SW $\frac{1}{4}$ SE $\frac{1}{4}$	30

TOTAL ACRES 117

* The applicable portions of Permit No. 543-3 have been incorporated into this
 license. ~~Permit No. 543-3 has been placed in a cancelled status.~~ *JH*

(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 the Brookings Country Club

_____ of Brookings
the holder S and owner R of said permit No. 4454-3 a water right, dating from June 1946 and October 29, 1979 to use of 1.18 cubic feet per second of the waters of groundwater (two wells)

in the County of Brookings and State of South Dakota, or so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at Well #1, west 25° north, 2675 feet and Well #2, north 2° 30' west, 2000 feet both from the SW corner, Section 28, T109N, R50W

and conducted to and upon portions of land in Section 28, T109N, R50W more fully described on the face of this license

for the purpose of irrigation (golf course)

Subject to any limitations listed in Water Right Permit No. 4454-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 30th day of June A. D.
Nineteen Hundred and Eighty-one

WATER MANAGEMENT BOARD

By:

John Hatch
Chief Engineer, Executive Officer
JOHN HATCH



BANNER ASSOCIATES, INC.
CONSULTING ENGINEERS & ARCHITECTS

Wyoming: Laramie, Cheyenne
South Dakota: Brookings, Rapid City

1024 6th Street, P.O. Box 298, Brookings, South Dakota 57006 Telephone 605/692-6342

December 21, 1979

Water Rights, Water Management Division
Department of Water & Natural Resources
Joe Foss Building
Pierre, South Dakota 57501

Attn: Betty Westlund
Water Rights Specialist

RE: Water Rights
Brookings Country Club
Brookings, SD

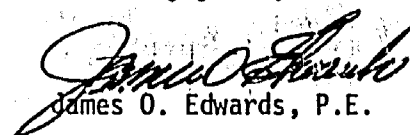
Dear Ms. Westlund:

Enclosed herewith is a copy of the log of BCC Well No. 2, signed by the driller, Empire Irrigation Drilling Co.

A copy of the log of BCC Well No. 1 is not available. This well was installed in the early 1960's by Tony Rust & Son, Brookings, S.D. I was at the site during the installation and recall the material to be a medium to coarse sand and gravel from about 18" to the bottom at 70'. The bottom material was gray clay.

I trust this information will enable processing of the water rights application. If you have any questions, please contact me.

Sincerely yours,


James O. Edwards, P.E.

JOE/db

Encl.

cc: Al Morm, 3M Co.



Brookings Country Club

April 30, 1975

LOG OF BCC WELL NO. 2

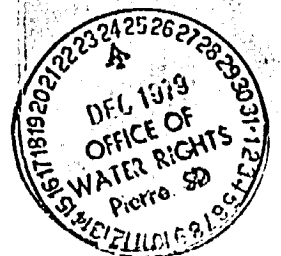
Test Hole #1

0-4	Topsoil and Clay
4-10	Medium to Coarse Sand and Gravel
10-15	Medium to Coarse Sand and Gravel
15-20	Medium to Coarse Sand and Gravel
20-25	Fine to Medium Sand
25-30	Medium to Very Coarse Sand and Gravel
30-35	Medium to Very Coarse Sand and Gravel
35-40	Medium to Coarse Sand and Gravel
40-42	Coarse to Very Coarse Sand and Gravel
42-	Soft Gray Clay with some Yellow Clay Streaks

Static water level May 1, 1975 - 9.0' below surface of ground.

W. R. W.

Empire Irrigation Drilling Company
Frankfort, SD 57440



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

D. Well Information Well No. 1

- (1) Drill Hole, Diameter 32", Depth 72.5'
- (2) Casing, Type Steel (wood, concrete, steel, etc.), Diameter 18", Thickness 10 Ga.
- (3) Screen, Type WW-Stainless Steel, Diameter 15", Length 17.5'
- (4) Gravel Pack, Thickness 7", Length of gravel pack 50'

E. Dugout Information or Estimates

- (1) Surface dimensions, N/A, Depth N/A

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

(1) Water Bearing Materials. (Attach a copy of test well log)

- Depth to top of water bearing material 30'
- Depth to bottom of water bearing material 70'
- Depth to water (ground surface to water level) 4'

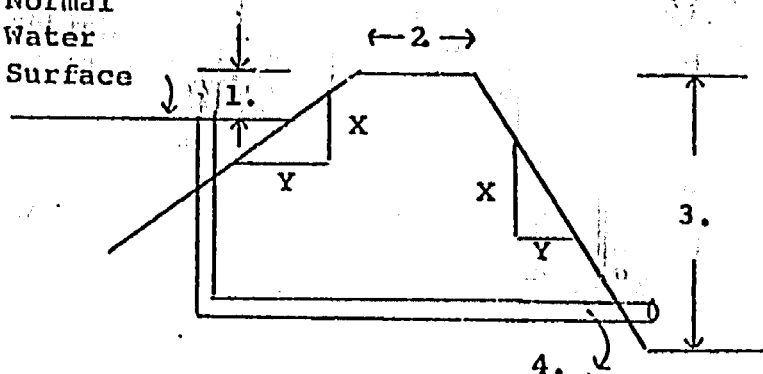
(2) Distance to nearest existing household or livestock watering well.

- On same owner's property 64 rds.
- On property owned by others 300 rds.

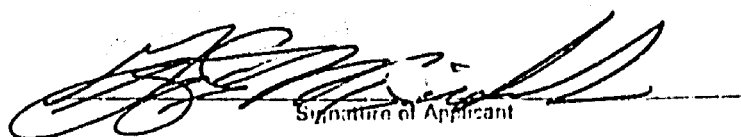
G. Water Storage Dams

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

Normal
Water
Surface



1. Freeboard _____
2. Crest width _____
3. Height of Dam _____
4. Outlet dimensions:
Pipe diameter _____
Spillway width _____
- X & Y slope:
Upstream _____
Downstream _____
- Surface area of impoundment _____
- Drainage area above dam _____


Signature of Applicant

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 Well No. 2

- (1) Drill Hole, Diameter 24", Depth 41'
- (2) Casing, Type Steel (wood, concrete, steel, etc.), Diameter 12", Thickness 0.375
- (3) Screen, Type Stainless Steel, Diameter 12", Length 15 ft.
- (4) Gravel Pack, Thickness 6", Length of gravel pack 30'

E. Dugout Information or Estimates

- (1) Surface dimensions, N/A, Depth N/A

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

(1) Water Bearing Materials. (Attach a copy of test well log)

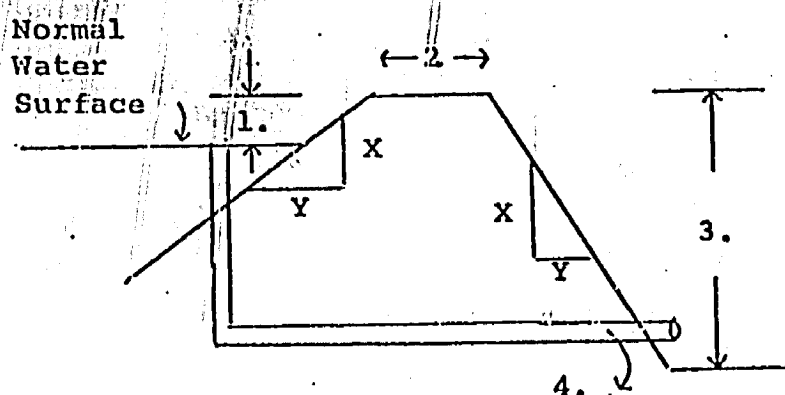
- Depth to top of water bearing material 4'
- Depth to bottom of water bearing material 38'
- Depth to water (ground surface to water level) 9'

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

- On same owner's property 206' rds.
- On property owned by others 230' 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, length, maximum water depth, surface area, drainage area, storage capacity, dam slope, dimensions, location and size of outlet works, of each storage dam. The location of each water storage dam should be shown on the water right map.



1. Freeboard _____
2. Crest width _____
3. Height of Dam _____
4. Outlet dimensions:
Pipe diameter _____
Spillway width _____
- X & Y slope:
Upstream _____
Downstream _____
Surface area of impoundment _____
Drainage area above dam _____

[Signature]
Signature of Applicant

July 24, 1979

M. R. Cheeseman
1423 - 2nd Street
Brookings SD 57008

Dear Mr. Cheeseman:

In checking our files regarding the application for the Brookings Country Club, a letter from a Mr. T. F. Martin requested the forms be sent to you. Since we have not heard from you we are enclosing another set of forms to make application. For your information the next meeting of the Board of Water Management will be scheduled sometime in September.

If you have any questions please contact this office.

Sincerely,

BETTY WESTLUND
Water Rights Specialist

BW:kw

enclosure

cc: T. F. Martin
Brookings Country Club

WILLIAM R. MCCANN
THOMAS F. MARTIN
GEORGE S. MICKELSON
MICHAEL E. MCCANN
RICHARD J. HELSPER

MCCANN, MARTIN & MICKELSON, P.C.
LAWYERS

317 SIXTH AVENUE
BROOKINGS, SOUTH DAKOTA
57006

P. O. DRAWER 248
DIAL 692-6163
AREA CODE 605

October 26, 1979



South Dakota Department of Water &
Natural Resources
Water Management Division
Joe Foss Building
Pierre, SD 57501

RE: BROOKINGS COUNTRY CLUB

Gentlemen:

I am enclosing two completed forms of the Application for Permit to Appropriate Water giving the legal description for the Brookings Country Club. Also enclosed is a check payable to the Department of Water and Natural Resources for \$150.00 which I understand to be the filing fee.

I happen to be the President of the Country Club at the present time and became aware of the mixup in the application recently. It is one of those situations where somebody thought the other guy had filed the application and that it had all been taken care of.

As I am sure you are aware, our irrigation system is installed and has been in use for some time.

Please let me know if there is anything else we need to do.

Very truly yours,

MCCANN, MARTIN & MICKELSON, P.C.

George S. Mickelson
GEORGE S. MICKELSON

GSM:bjr

Enclosures

*Send letter & minute receipt
to him when approval received for
the additional 60 acres.*

October 29, 1979

George S. Mickelson
317 Sixth Ave
Brookings SD 57006

Dear Mr. Mickelson:

Your application dated October 22, 1979 for a permit to appropriate water from groundwater through the BCC Irrigation facilities for the Brookings Country Club was received October 29, 1979.

Enclosed please find the log for the 30 foot well which is a change in the point of diversion. The log needs to be signed by a licensed SD well driller. You will also need a signed well log for the new well.

We have not, as of this date, received the Soil/Water Compatibility (WI #1) approval for the additional 60 acres, from the State Conservation Commission. When this information is received further processing of your application will proceed.

To maintain your priority date on your application for permit to appropriate water, in accordance with SDCL 46-5-16, you will now have 60 days from the date of this letter to have the above information submitted to this office.

Your receipt No. 4 7099 in the amount of \$150.00 is on file with your application.

Sincerely,

Karen Wernsmann
Administrative Secretary

kw

enclosure

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 7099

PIERRE, October 29, 1979

RECEIVED OF Brookings County Club, Brookings SD 57006

the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit to Appropriate Water No. 44543 (examination, processing, recording and filing) -----	150	00
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 -----		
Fee for certified copy of -----		
Fee for Print copy of map -----		
Fee for Certifying -----		
Fee for -----		
(any other work as provided by law)		
TOTAL	150	00

WATER RIGHTS COMMISSION

By *John Hatch*
Chief Engineer, Executive Officer
JOHN HATCH kv

No. 4454-3

Publish first publication, on or before January 11, 1980

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

December 27, 1979

Notice is hereby given that the Brookings Country Club whose post office address is Brookings, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-9; 46-1-14; 46-2-9 thru 46-2-11; 46-2-13; 46-5-1 thru 46-5-8; 46-5-10 thru 46-5-22; 46-5-41; 46-6-3; 46-6-3.1, 46-6-5, 46-6-6.1, 46-6-10, 46-6-14 and Board Rules ARSD 52:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use 1.18 cubic feet of water per second of time from ground water (two wells) through the BCC Irrigation Facilities/, the point(s) of diversion of which ~~is~~(are) to be located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ and Gov't Lot No. 9 (SW $\frac{1}{4}$ SE $\frac{1}{4}$), both in

of Section 28, Twp. 109N, Range 50W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

NE $\frac{1}{4}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$, Gov't Lots 8 and 9, all in Section 28, T109N, R50W

This Application No. 4454-3 will be considered by the Water Management Board at Meeting Room #1, Knapp Bldg., Church & Illinois, Pierre, SD upon the 30th day of January, 1980

at 10 A.M. The Board is authorized to make a determination on this application at the hearing. All interested persons may appear and be heard. Any person who may be affected by a Board decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the Board in writing prior to the hearing or orally at the hearing.

This hearing is an adversary proceeding. Any person 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 at the hearing. Decisions of the Board may be appealed to the Courts as provided by law.

WATER MANAGEMENT BOARD

BETTY WESTLUND
Water Rights Specialist

cc: Brookings Country Club, RR, Brookings, SD 57006

Affidavit of Publication

State of South Dakota

County of Brookings

55

Dennis D. Koenders of said county, being first duly sworn, on oath, says: That he is one of the editors of THE BROOKINGS REGISTER, a daily newspaper, printed and published in the City of Brookings, in said County of Brookings, and State of South Dakota; that he has full and personal knowledge of the facts herein stated; that said newspaper is a legal newspaper and has a bona fide circulation of at least two hundred copies of each issue daily; that said newspaper has been published within the said County of Brookings and State of South Dakota, for more than one year next prior to the first publication of Exhibit "A," hereto attached and herein mentioned, and was and is printed in the office maintained at said place of publication; and that the

Legal No. 558

50 lines x .367

a printed copy of which, taken from the paper in which the same was published, is hereto attached marked Exhibit "A," and is made a part

of this affidavit, was published in said newspaper for Two

successive weeks..., to-wit:

January 3	80	19....	19....
January 10	1980	19....	19....
		19....	19....
		19....	19....

That the full amount of the fee charged for the publication of said Exhibit "A" inures to the sole benefit of the publishers of said newspaper; that no agreement or understanding for the division thereof has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever; that the fees charged for the publication thereof are:

Eighteen dollars and thirty-five cents Dollars

Subscribed and sworn to before me this 10th day of

.....January....., 1980.

G. P. James

Notary Public in and for the County of Brookings, South Dakota.

My Commission expires September 6, 1985

Exhibit "A"

Legal No. 558, Jan. 3 & 10, 1980
NOTICE OF HEARING ON APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota
December 27, 1979

Notice is hereby given that the Brookings Country Club whose post office address is Brookings, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-14; 46-2-1 thru 46-2-15; 46-3-1 thru 46-3-10 thru 46-3-22; 46-5-1 thru 46-5-3.1; 46-5-5; 46-8-1 thru 46-8-10; 46-8-11 and Board Rules ARSD 52:01:01.1 thru 52:01:01.13 for a permit to appropriate for beneficial use 1.16 cubic feet of water per second of time from ground waters (two wells) through the BCO Irrigation Facilities Wells No. 1 & 2) the point(s) of diversion of which (are) to be located in the NE 1/4 SE 1/4 and Gov't Lot No. 9 (SW 1/4 SE 1/4) both in Section 28, Twp. 109N, Range 50W. Said water to be used for the purpose of providing irrigation on portions of the following described land: NE 1/4 SE 1/4 SE 1/4 Gov't Lots 8 and 9, all in Section 28, T109N, R50W. This Application No. 1454-3 will be considered by the Water Management Board at Meeting Room No. 1, Knelp Bldg., Church & Illinois, Pierre, SD upon the 30th day of January, 1980 at 10 A.M. The Board is authorized to make a determination on this application at the hearing. All interested persons may appear and be heard. Any person who may be affected by a Board decision who desires to present evidence or cross-examine witnesses, according to SDCL 1-26 may notify the Board in writing prior to the hearing or orally at the hearing. This hearing is an adversary proceeding. Any person 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 at the hearing. Decisions of the Board may be appealed to the Courts as provided by law.

WATER MANAGEMENT BOARD
JENNY WESTLUND
Water Rights Specialist



March 21, 1980

A. H. Horem, President
Brookings County Club
Rural Route
Brookings, South Dakota 57006

Dear Mr. Horem:

This letter follows a letter sent to you by Water Rights concerning the need for a soil/water compatibility permit on the land under a vested right.

The lands not covered are Govt. lots 8 and 9 as indicated on the map sent to us in November. Please fill out the enclosed WI#1 form to cover this land and send it to:

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

Water samples will not be necessary, as we have analyses of the wells on file.

If you have any questions, please contact this office.

Thank you for your cooperation.

Sincerely,

Wynn Sudtelgte
Program Director
Irrigation Program

WS:dt

Enclosure WI#1 Form

cc: Betty Westlund, Board of Water Management
John Guhn, Attorney General's Office

FEB 22 1980

**South Dakota Department of
Water & Natural Resources**
Joe Foss Building Water Rights, Water Management Division
Pierre, South Dakota 57501 (605) 773-3352



February 5, 1980

Brookings Country Club
Rural Route
Brookings SD 57006

Dear Sir:

The Water Management Board has requested that proposed Findings of Fact, Conclusions of Law and a proposed Decision regarding Water Right Application No. 4454-3 approval be prepared. The Water Management Board will meet in Pierre on March 26, 1980. We have tentatively placed consideration of the proposed Findings of Fact, Conclusions of Law and Decision on the agenda for 1:00 p.m., March 26, 1980. We are enclosing, for your information, a list of the Board and their addresses in the event you wish to mail the proposed Findings and Conclusions directly to the Board.

If you would rather that we print and include the proposed Findings, Conclusions and Decision with the information that we mail to each Board member, please have the information in this office by March 18, 1980. We will be mailing information concerning the Board meeting to the Board members March 19, 1980. If the proposed Findings and Conclusions are mailed to the Board, please submit one copy to this office to become a part of the permanent file.

Very truly yours,

John Hatch
JOHN HATCH, Chief Engineer
Water Rights, WMD

JH:kw

enclosure

NOTE: The Attorney General's Office will prepare proposed Findings, Conclusions and Decision for consideration by the Board. This notice is provided to you in the event you wish to prepare or have prepared your own proposed Findings, Conclusions and Decision for consideration by the Board.

2/22/80

Gentlemen:

With regard to the above, we ask that you print and include the proposed Findings, Conclusions and Decision with information you mail to each Board member regarding the Board meeting on March 19, 1980.

Equal Opportunity Employer

Brookings Country Club
A. H. Moum, President

WATER MANAGEMENT BOARD

Dennis C. Decker
930 Idaho SE
Huron SD 57350

Chairman

352-6087

Marian B. Gundersen
811 West Third
Yankton SD 57078

Vice-Chairman

665-8801 Home

Kendell H. Hanson
1323 North Second Ave.
Sioux Falls SD 57105

Secretary

336-8203 Home

336-2466 Office

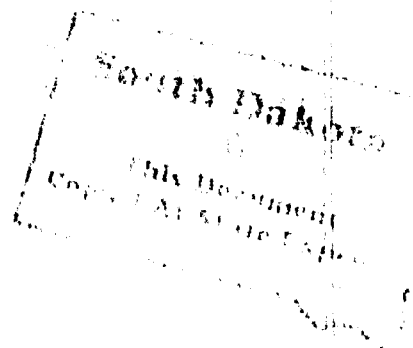
Raymond D. Ryland
916 University Blvd.
Mitchell SD 57301

996-3667 Home

996-7514 Office

Merwyn H. Walter
RR 1
Fedora SD 57337

527-2583



 **Department of
Water & Natural Resources**
Joe Foss Building Water Rights, Water Management Division
Pierre, South Dakota 57501 (605) 773-3352

March 19, 1980

A. H. Moren, President
Brookings Country Club
RR
Brookings SD 57006

Dear Mr. Moren:

This is to notify you that the proposed Findings, Conclusions and Decisions on your Application No. 4454-3 will be delayed until the May 22, 1980 meeting of the Water Management Board. It appears that since both diversion points are from a different source of water than covered under the old water right. The land under the vested right portion of the application will require a soil/water compatibility permit.

The State Conservation Commission will be contacting you concerning this matter. They will provide you with the proper forms to correct the discrepancy which was found when the attorney's were preparing the Findings of Fact and Conclusions of Law.

We regret the delay.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights, WMD

JH:kw

cc: Wynn Sudtelgle, SCC
John Guhin, Attorney Generals Office

Equal Opportunity Employer

MEMORANDUM

TO: Betty Westlund
 FROM: John P. Guhin, Assistant Attorney General
 RE: Permit No. 4454-3

This application seeks to combine an old vested rights permit with a new application. It includes 57 old acres, that being the NW1/4 of the SE1/4, (Government Lot #8) for 30 acres, and the SW1/4 of the SE1/4, (Government Lot #9) for 27 acres with new lands which are the NE1/4 of the SE1/4 and the SE1/4 of the SE1/4 for 60 acres total. *includes*

Soil-water compatability was received only for the 60 new acres, that being the NE1/4 of the SE1/4 and the SE1/4 of the SE1/4.

It appears that both diversion points are new. The question therefore arises, does land covered by the vested right permit need a soil-water compatability for the reason that it will be irrigated from new points of diversion.

I have talked to Wynn Sudtelge and maybe we should all talk about this.

3-19-80

Had a conference with Wynn Sudtelge & Atty John Guhin, was decided to acquire Soil/water Comp. approval on the V/R lands as water was from a different source entirely than original permit. Letter written 3/19/80. *But,*

Relay FFC of L till May 22, 1980 meeting.

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

Joe Foss Building
Pierre, South Dakota 57501

Water Rights, Water Management Division
(605) 773-3352

February 5, 1980

Brookings Country Club
Rural Route
Brookings SD 57006

Dear Sir:

The Water Management Board has requested that proposed Findings of Fact, Conclusions of Law and a proposed Decision regarding Water Right Application No. 4454-3 approval be prepared. The Water Management Board will meet in Pierre on March 26, 1980. We have tentatively placed consideration of the proposed Findings of Fact, Conclusions of Law and Decision on the agenda for 1:00 p.m., March 26, 1980. We are enclosing, for your information, a list of the Board and their addresses in the event you wish to mail the proposed Findings and Conclusions directly to the Board.

If you would rather that we print and include the proposed Findings, Conclusions and Decision with the information that we mail to each Board member, please have the information in this office by March 18, 1980. We will be mailing information concerning the Board meeting to the Board members March 19, 1980. If the proposed Findings and Conclusions are mailed to the Board, please submit one copy to this office to become a part of the permanent file.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights, WMD

JH:kw

enclosure

NOTE: The Attorney General's Office will prepare proposed Findings, Conclusions and Decision for consideration by the Board. This notice is provided to you in the event you wish to prepare or have prepared your own proposed Findings, Conclusions and Decision for consideration by the Board.

Equal Opportunity Employer

**SOUTH DAKOTA Department of
Water & Natural Resources**
Joe Foss Building Water Rights, Water Management Division
Pierre, South Dakota 57501 (605) 773-3352

May 16, 1980

Brookings Country Club
Rural Route
Brookings SD 57006

Dear Sir:

Enclosed please find a copy of the Findings of Fact and Conclusions of Law and Final Decision as proposed by the Attorney Generals Office pertaining to the approval of Application No. 4454-3.

Very truly yours,

John Hatch

JOHN HATCH, Chief Engineer
Water Rights, WMD

JH:kw

enclosure

Equal Opportunity Employer

May 28, 1980

Brookings Country Club
Rural Route
Brookings SD 57006

Dear Sir:

This is to notify you that final Decisions including Findings of Fact and Conclusions of Law were adopted by the Water Management Board for Application No. 4454-3 which was considered at the May 22, 1980 meeting.

The Final Decision, Findings and Conclusions are on file in this office and signed copies will be furnished upon request. South Dakota Statutes provide that the decisions of the Board may be appealed to the Courts.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights, WMD

kw

STATE OF SOUTH DAKOTA
WATER MANAGEMENT BOARD

IN THE MATTER OF THE APPLICA-)	FINDINGS OF FACT
TION OF BROOKINGS COUNTRY)	CONCLUSIONS OF LAW
CLUB FOR WATER PERMIT NO.)	FINAL DECISION
4454-3)	

Having heard and considered all the evidence presented before the Board in the above-entitled matter at Pierre, South Dakota, on January 30, 1980, and upon the files and records herein, the Board hereby makes the following:

FINDINGS OF FACT

1. That application for Water Permit No. 4454-3 was received by the Office of Water Rights on October 29, 1979, from Brookings Country Club for 1.18 cfs.
2. That the hearing on the application was regularly advertised in the Brookings Register and the Affidavit of Publication has been received.
3. That the Water Rights Commission recognized Vested Right Permit No. 453-3 for the Brookings Country Club for .33 cfs from Lake Campbell with a priority date of June, 1946. That Vested Right Permit No. 543-3 will be combined in Permit No. 4454-3 and Permit No. 543-3 will be cancelled.
4. That by its application, the Brookings Country Club seeks to change the point of diversion for its vested right from Lake Campbell to a well adjacent to the lake and in addition, drill a well for the additional water over and above their vested right.
5. That the well adjacent to the lake will draw from the same source of water as the source of the vested right.
6. That soil/water compatability approval has been obtained for the land included in the permit.
7. That there is unappropriated water available to satisfy the water permit application.
8. That approving the application is in the public interest and the plan of the project is feasible.

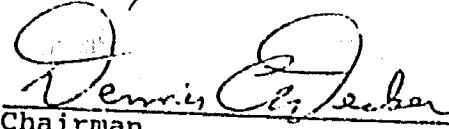
CONCLUSIONS OF LAW

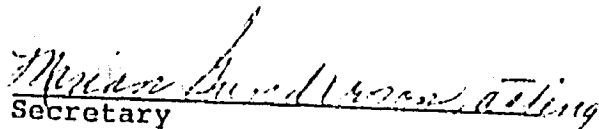
1. That this Board has jurisdiction of the parties and the subject matter involved herein.
2. That although the vested right under Permit No. 543-3 will be combined under Permit No. 4454-3 and Permit No. 543-3 will be cancelled, the Brookings Country Club will retain its vested right priority date of June 1946 for .33 cfs.
3. That all legal requirements for a water permit have been met and Permit No. 4454-3 should be approved.
4. That this Board has a duty to maximize the fullest beneficial use of the waters of the State.

FINAL DECISION

That Water Permit No. 4454-3 is hereby approved subject to the following qualification: that the irrigation wells approved under this permit will be located near domestic wells and other irrigation wells which may obtain water from the 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 which have prior water rights. Priority for .33 cfs of this permit was established under Permit No. 543-3. The applicable portions of Permit No. 543-3 have been incorporated into this permit and Permit No. 543-3 is hereby cancelled.

Dated this 22 day of May, 1980.


Chairman


Secretary

**South Dakota Department of
Water & Natural Resources**
Joe Foss Building
Pierre, South Dakota 57501 Water Rights, Water Management Division
(605) 773-3352

June 10, 1980

Brookings Country Club
RR
Brookings, SD 57006

Gentlemen:

Enclosed herewith is your Water Right/Permit No. 4454-3 as approved by the Water Management Board authorizing the water diversion system and apply the water to beneficial use, not exceeding the limits as specified in said Water Right Permit No. 4454-3.

The Board will schedule an inspection so that your Certificate of Construction and/or Water License may be issued to you, thus completing your acquisition of a Water Right.

The applicable portions of Permit No. 543-3 have been incorporated into this Permit and Permit No. 543-3 has been placed in a cancelled status.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights, WMD

JH/gy

encl

NR-101-9/79

Equal Opportunity Employer

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 833'

PIERRE,

June 26, 1981

RECEIVED OF Brookings Country Club, P.O. Box 501, Brookings, SD 57006

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. 4454-3	50	00
Fee for Inspecting Beneficial Use, and Issuing Water License No. 4454-3		
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 / (bt)

Permit No. 4454-3
 Water Division 3 Big Sioux River Water District

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

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

I have this day made a thorough examination of the water use system constructed by BROOKINGS
COUNTRY CLUB of BROOKINGS holder, 1946
 of Permit No. 4454-3, bearing date of priority of .33 CFS JUNE
.85 CFS OCTOBER 29, 1979
 authorizing the diversion of 1.18 cu. ft. per second of the waters of GROUNDWATER
 for IRRIGATION (GOLF COURSE) purposes, in BROOKINGS County.

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

The Water Use System consists of, WELL #1 36' WITH 12" STEEL CASING WITH
15' OF 12" STEEL SCREEN. FAIRBANKS MORSE
 A. Works used to divert the water: 4" PUMP, POWERED BY 20HP F/M ELECTRIC MOTOR.
WELL #2- 42' DEEP WITH 12" STEEL CASING - 15' STAINLESS STEEL
SCREEN - PEERLESS 8" PUMP, POWERED BY 40 HP GE ELECTRIC
MOTOR.

B. Works used to transport water to place of use,
4" MAINLINE DOWN MAIN LENGTH OF FAIRWAYS FROM BOTH
WELLS. WELL #1 USED ON W 9 HOLES & #2 ON E 9 HOLES.
APPROX 3 1/2 MILES OF 4", 3", 2 1/2" & 2" BURIED PVC PIPE TO
COVER FAIRWAYS, TEE BOXES & GREENS.
 C. Works used to apply water to beneficial use,
ON FAIRWAYS - RAINBIRD 800 SPRINKLER HEADS AT 90'
SPACINGS. (CAN USE 15 AT ONE TIME, PLUS 9 GREENS & TEES)
ON GREENS - 4 EACH- RAINBIRD #41C POP-UP SPRINKLERS
ON TEES - 2 EACH RAINBIRD #41C POP UP SPRINKLERS

The system is in the following condition: VERY GOOD

The point of diversion is located #1-W, 25°N 2675' & #2-N 2°30'W, 2000', BOTH
FROM THE SE CORNER, SECTION 28, T109N, R50W

The works are capable of diverting and conveying to the place of use 1.3
 cu. ft. per second of water which is to be used for IRRIGATION (GOLF COURSE)

Water has been put to beneficial use to the maximum extent as follows: ALL IN SEC 28, T109N, R50W

<u>LOT 8</u>	<u>30 ACRES</u>
<u>LOT 9</u>	<u>27 ACRES</u>
<u>NE 1/4 SE 1/4</u>	<u>30 ACRES</u>
<u>SE 1/4 SE 1/4</u>	<u>30 ACRES</u>

comprising a total of 117 acres of land.

Date JUNE 9, 1981
Burton Stone
 (Signature)

DEPARTMENT OF WATER & NATURAL RESOURCES

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

GREAT FACES. GREAT PLACES.

March 22, 1991

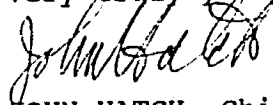
Brookings Country Club
RR 4, Box 501
Brookings SD 57006

Dear Sir:

The Water Management Board has validated the enclosed Vested Water Right No. 4454-3. This validation gives legal status to the claim and is the final document for your vested right.

As long as you use the water beneficially, as stated in the validation, State Water Laws provide that you have a continuing right to use the water.

Very truly yours,



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

enclosure

SOUTH DAKOTA

VALIDATION OF VESTED WATER RIGHT CLAIM NO. 4454-3
FOR IRRIGATION (Partial)

Date Claim Accepted For Filing October 29, 1979.

Date of Validation September 27, 1989.

Pursuant to SDCL 46-2A-17 the Water Management Board validated Vested Water Right Claim Permit No. 4454-3 for irrigation purposes for Brookings Country Club, RR 4, Box 501, Brookings, South Dakota 57006 with the following limitations, conditions and qualifications:

1. Vested Water Right No. 4454-3 appropriates 0.33 cubic feet of water per second from two wells to irrigate 57 acres. The wells are located in the SE 1/4, Section 28, T109N, R50W and are approximately 36 feet and 42 feet deep. The irrigated acres are located in Lots 8 and 9 (SE 1/4), Section 28, T109N, R50W.
2. The appropriation may not exceed the amount of water needed for beneficial use for irrigation. The appropriation may not exceed 3 acre feet per year for each acre of irrigated land. The water is to be used during the following annual period: April 1 - October 31.
3. The priority date of the Vested Water Right is June 1, 1946.
4. The water use system has been constructed and water has been applied to beneficial use.
5. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

The irrigation wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The irrigation well owner, under this Permit, shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

WATER MANAGEMENT BOARD

By: John H. Loh
Chief Engineer
Division of Water Rights
Dept. of Water and Natural Resources

MAR 22 1991

date

4454-3



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

February 24, 2005

Brookings Country Club
c/o Ted Evans
PO Box 501
Brookings SD 57006

Dear Mr. Evans:

I am writing in regard to a well driller's report filed by Lacey Well Drilling. The report shows a new well was completed for irrigation on October 7, 2004. A review of our files indicates that Brookings Country Club holds Water Right No. 4454-3 for 1.18 cubic feet of water per second (530 gallons per minute) from two wells, approximately 36 and 42 feet deep located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ and SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 28-T109N-R50W for irrigation use.

South Dakota Codified Law 46-5-13.1 provides that a point of diversion (well) may be changed or additional points of diversion may be approved without application or publication of a notice of hearing if the additional point of diversion is from the same source of water, no additional water is appropriated and the Chief Engineer makes a finding that the change does not increase the potential for interference with existing diversions.

If the well is a replacement well or an additional well which does not increase the total appropriation of 530 gpm, please let me know. A new permit application will be required for the additional diversion rate above 530 gpm.

If you have any questions or need application forms, please contact Eric Gronlund or me. We will be happy to assist you in any way possible.

Sincerely,

Karen Schlaak

Karen Schlaak
Water Rights Program
605 773-3352
karen.schlaak@state.sd.us

enclosures

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 28 Twp 109-N Rg 50-W

County

North

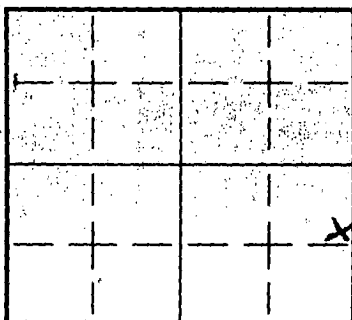
Brookings

Please mark well location with an "X"

W

E

Well Completion Date

10-7-04Well Owner: Brookings County ClubBusiness Name: To Ted EvansAddress: P.O. Box 501Brookings, S.D. 57006

WELL LOG:

DEPTH

FORMATION	DEPTH	
	FROM	TO
<u>Topsoil</u>	<u>0</u>	<u>2</u>
<u>Brown Sand</u>	<u>2</u>	<u>16</u>
<u>Coarse Gravel</u>	<u>16</u>	<u>40' 10"</u>

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well,

feed lot, etc.)? 20' ft. from _____ (identify source)

PROPOSED USE:

- ☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

Bucket-False Casing

CASING DATA:

☒ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>40</u> LB/FT	<u>12</u> IN	<u>12</u> FT	<u>39' 10"</u> FT	<u>20</u> IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
<u>Cement</u>	<u>22</u>	lb./gal	<u>-1</u> ft.	<u>12</u> ft.
		lb./gal		
		lb./gal		

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 12 IN Length 10' FEETMaterial STAINLESS STEELSlot Size 100 Set From 39' 10" Feet to 49' 10" Feet

Other information _____

WAS A PACKER OR SEAL USED? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? _____

DISINFECTION: Was well disinfected upon completion?

☒ YES, How: Chlorine☐ NO, Why Not? _____

Laboratory sent to for water quality analysis

BrookingsSTATIC WATER LEVEL 12' Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped Describe: _____☐ Bailed _____☐ Other _____

Pumping Level Below Land Surface

22' ft. After 1 Hrs. pumped 50 GPM

ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

Good WellThis well was drilled under license # 111

And this report is true and accurate

Drilling firm LACEY Well Drilling, Inc.

Signature of License Representative

Signature of Well Owner or Equitable Property Holder: Ted EvansDate: 1-18-05

RECEIVED
JAN 31 2005
WATER RIGHTS
PROGRAM

2-2-05

Water Rights Program - File Documentation

NAME: Brookings Country Club

ADDRESS: Brookings SD

DATE: 2-28-05 **COUNTY:** BK **TELEPHONE:**

RE: Well Completion Report

COMMENTS:

Someone representing the Brookings Country Club called regarding my letter dated 2-24-05. The well completion report we received from Lacey Well Drilling was for a replacement well they drilled. It replaces the eastern most well which would be the well located in the NE ¼ SE ¼ Section 28-T109N-R50W. The new well did not increase their diversion rate of 530 gpm as authorized by Water Right No. 4454-3.



Karen Schlaak
Environmental Scientist

4454-3



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

January 20, 2022

NOTICE

TO: BROOKINGS COUNTRY CLUB, TEDD EVANS, PO BOX 501, BROOKINGS, SD 57006

FROM: Ron Duvall, Water Rights Permitting Administrator
for Eric Gronlund, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2021 Irrigation Questionnaire(s)

Our records indicate your 2021 Irrigation Questionnaire has not been submitted for Permit No(s) 4454-3 as required by administrative rule 74:02:01:14.02. The request for the Questionnaire was dated October 22, 2021. The Water Management Board has directed that owners of water permits who have not submitted the 2021 Irrigation Questionnaire be given notice of hearing to determine if any Board action is to be taken concerning this issue.

The hearing will be held at **Wednesday, March 2, 2022 at 9:30 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. Following the hearing, the Water Management Board can:

1. Amend Permit No(s) 4454-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is (are) received in this office before the **March 2, 2022** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://danr.sd.gov/iq> using this password: JZMIYT**

Note: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**
JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

February 7, 2022

4454-3

Brookings Country Club
PO Box 501
Brookings SD 57006-0501

Dear Sir:

I am writing to acknowledge receipt of the 2021 irrigation questionnaire for the Country Club.

You may disregard the January 20, 2022, "Notice" concerning reporting requirements for Water Right No. 4454-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

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

4454-3



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

January 20, 2023

NOTICE

TO: BROOKINGS COUNTRY CLUB, TEDD EVANS, PO BOX 501, BROOKINGS, SD 57006
0501

FROM: Ron Duvall, Water Rights Permitting Administrator
for Eric Gronlund, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2022 Irrigation Questionnaire(s)

Our records indicate your 2022 Irrigation Questionnaire has not been submitted for Permit No(s) 4454-3 as required by administrative rule 74:02:01:14.02. The request for the Questionnaire was dated October 21, 2022. The Water Management Board has directed owners of water permits who have not submitted the 2022 Irrigation Questionnaire be given notice of hearing to determine if any Board action is to be taken concerning this issue.

The hearing will be held at **Wednesday, March 8, 2023 at 9:30 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. Following the hearing, the Water Management Board can:

1. Amend Permit No(s) 4454-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is (are) received in this office before the **March 8, 2023** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://danr.sd.gov/iq> using this password: JJHWJZ**

Note: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

February 16, 2023

4454-3

Tedd Evans
Brookings Country Club
PO Box 501
Brookings SD 57006

Dear Mr. Evans:

I am writing to acknowledge receipt of your 2022 irrigation questionnaire.

You may disregard the January 20, 2023, "Notice" concerning reporting requirements for Water Right No. 4454-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

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