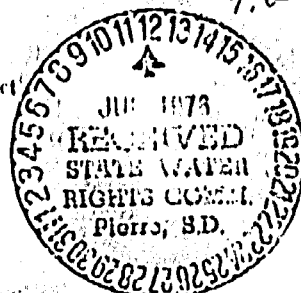


2849.3

1. Considered 4-29, 1976
2. Name of Applicant PAR MAR COUNTRY CLUB
3. Post Office Address PARKER
4. Amount of water claimed 1.00
5. Source of water supply 40' WELL
6. Water to be used for IRRIGATION
Acres to be irrigated 70
7. Water to be diverted and used in TURNER County
about 1 W miles of PARKER
8. Proof of Publication
Received 8-30-76
Not Received _____
9. Application
Approved _____
Subject to _____
Not Approved _____
Action deferred _____
10. Remark :

No. 2849-3Map No. 2184-3 Water Division No. 3 VERMILLION 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 Par Mar Country Club
 Postoffice address Parker, S. Dak. 57053, State _____
 If a corporation show date and place of incorporation _____

2. Method of accomplishing work (contract, employment of others, or by direct labor) Employment of others3. Name of diversion work Par Mar Country Club System4. Amount of water claimed (cubic feet per second) 1.55. Source of water supply Well6. Location of point of diversion SW $\frac{1}{4}$ SW $\frac{1}{4}$ 12-29-54County Turner7. Annual period or periods during which water is to be used April - November8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation9. For irrigation use, Total number of acres to be irrigated 70

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

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
NW $\frac{1}{4}$ SW $\frac{1}{4}$ 12-29-54	30		
SW $\frac{1}{4}$ SW $\frac{1}{4}$ 12-29-54	40		
Total	70 ac.		

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 0 years.11. Choice of newspaper for Notice of Intent to Appropriately Use Water publication Max. Pub. Parker, S. Dak. 57053

12. Principal Features of the Proposed Water Supply System.

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

Elec. Pumps

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

Underground Pipelines

C. Works proposed to apply water to beneficial use.

Sprinkler System

Estimated Total Cost \$ 10,000.00

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 TURNERI, Par Mar Country Club, 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 Par Mar Country ClubSubscribed and sworn to before me this 24 day of July, 19 76

Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 2849-3

PAR MAR COUNTRY CLUB
(Applicant)

PARKER
(Post Office Address)

SOUTH DAKOTA 57053 With the following modifications:
(State)

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

Date of first receipt of application JULY 12 19 76

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

Date of receipt of corrected application AUGUST 6 19 76

Approved SEPTEMBER 30 19 76, Recorded in Book 16 Page 9

WATER RIGHT PERMIT NO 2849-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 2849-3 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 JULY 12 19 76
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before MARCH 30 19 77
3. The whole of said work is to be completed on or before SEPTEMBER 30 19 77
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is SEPTEMBER 30 19 77
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 1.0 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 SEPTEMBER 30 19 77; said water to be used during the following described annual period: APRIL - NOVEMBER

Witness my hand this 23RD day of NOVEMBER 19 76

WATER RIGHTS COMMISSION

By John Hatch
Chief Engineer, Executive Officer

Certificate of Construction Issued July 1 19 80

Water License Issued July 1 19 80

Form 2A - Wells, Dugouts or Water Storage Dams (Supplement to form 2)

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

D. Well Information or Estimates

- (1) Drill Hole, Diameter 6", Depth 40'
- (2) Casing, Type steel (wood, concrete, steel, etc), Diameter 6", Thickness 3/4"
- (3) Perforated Screen
Type steel-stainless, Diameter 6", Length 24'
- (4) Gravel Pack, Thickness 16", Length of gravel pack 24' 26'

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 no log available. Water bearing sands and
gravel at 8'.

Depth to top of water bearing material 8'

Depth to bottom of water bearing material 40'

Thickness of water bearing material 32'

Depth to water (ground surface to water level) 2'

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

On same owner's property 0 rds. On property owned by others 26 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.

n/a

Par Mer County Club
by [Signature]
Signature of Applicant

CONSERVATION
COMMISSION
FORM WI #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 Bar Mar Country Club

ADDRESS Parker, S.Dak. 57013

COUNTY Turner

LEGAL DESCRIPTION

1. WELL LOCATION SW 1/4 SW 1/4 12-22-41

2. LOCATION OF AREA TO BE IRRIGATED All of the SW 1/4 12-22-41 except for steep 200' tall land to the corner. 30-2

TYPE OF IRRIGATION

3. GRAVITY TOWLINE CENTER PIVOT GUN x

4. CROPS TO BE IRRIGATED Grass

WATER QUALITY

5. SAMPLE NUMBER 76-783

6. SALINITY (EC X 10⁶) 2113 (high)

7. SODIUM (SAR) 0.58 (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 Turner Co. 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.

Bar Mar Country Club
By [Signature] pres.
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
9th DAY OF July 19 76.

[Signature]
(TITLE OR SEAL)

[Signature]
APPROVED/DISAPPROVED

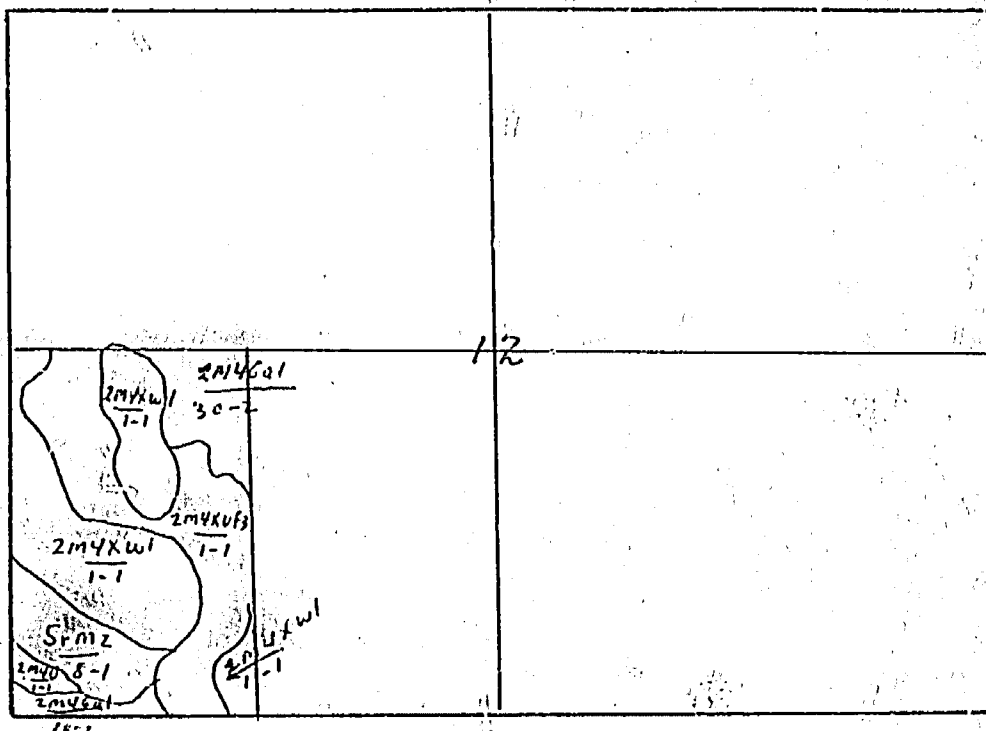
Notary Public

(SOILS INFORMATION ON REVERSE SIDE)

R. 54 W.

MAP

T. 99 N.



NARRATIVE

2M4XW1 - Deep, loamy, well and moderately well drained soils on bottom lands
1-1 that sometimes receive beneficial overflow. Few limitations. Cap. Unit II.

2M4XUf3 - Very poorly drained sandy to clayey soils on nearly level (0-2%) bottom
1-1 lands and depressions. The water table is at or near the surface during the growing season. Cap. Unit VIa

2M4U - Deep, loamy well and moderately well drained soils on bottom lands that
1-1 sometimes receive beneficial overflow. Few limitations in use. Cap. Unit II.

2M4GAL - Deep,, well drained, loamy soils with thin surface layers, and light
10-2 colored, calcareous, loamy subsoils on rolling (2-25%) slopes. Cap. Unit VIa3

SRMZ - Shallow, calcareous, gravelly loam soils with thin surfaces and underlain
1-1 with gravel at depths less than 20" on gently undulating to steep slopes. Cap. Unit VIa3

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

Submitted by: Maple Grove Country Club
 Address: Brookings, SD 57053

Date Rec'd: July 9, 1976
 Sample No.: 76-783
 Identification: 21-40
100, 12, 1994, R 54

WATER ANALYSIS

Calcium (Ca)	226	ppm*	11.50 me/l**
Magnesium (Mg)	89	ppm	7.50 me/l
Sodium (Na)	41	ppm	1.78 me/l
Potassium (K)	31	ppm	0.81 me/l
Sulfate (SO ₄)	610	ppm	12.69 me/l
Nitrate (as N)		ppm	me/l
Chloride (Cl)	170	ppm	4.76 me/l
Bicarbonate (HCO ₃)	376	ppm	6.16 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)	308	ppm (as CaCO ₃)	
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)	
Electrical Conductivity	2113	micromhos per cm at 25° C.	
Sodium Adsorption Ratio	0.58		
Sodium	8.40%	% of cations	
Residual sodium carbonate	0.00	me/l	
pH	6.92		

Others:

*ppm=parts per million

**me/l=millequivalents per liter

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

COMMENTS: Total cations 21.19 me/l
 Total anions 23.51 me/l

By: Barley Litter

Service Performed	Amount Due
Irrigation analysis	8.00

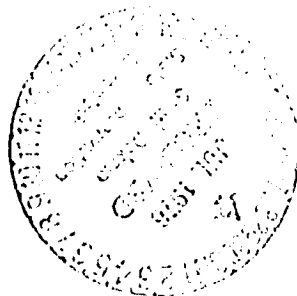
Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 76-783

Amount Enclosed \$

Signed



July 28, 1976

Mr. J. H. Matier, President
Par Mar Country Club
Parker, SD 57053

Dear Mr. Matier:

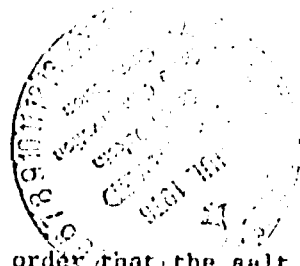
I am enclosing the original copy of the report of analysis on your water sample (76-783) submitted here July 9. I am also enclosing a copy of our pamphlet on soils and water quality. On the outside back cover of this pamphlet is a chart showing the approximate utility of certain waters for irrigation uses. As you will see, this water falls in the high salinity, low sodium category. It is almost into the very high salinity bracket.

Accordingly, this water is not well suited for irrigation use. However, most grasses are fairly salt tolerant and occasional use with this water would not cause difficulty, especially in the climatic zone in which Parker is and with the probability of substantial rains occurring to cause leaching. The very poorly drained soils which are present in a few of the delineations of the soil map are apt to cause the gradual rise in water table and/or a gradual increase in salt in the upper part of the soil profile. It may also occur on better drained soil but these will be the first to show the evidence of salt. That is the reason this water should be used only occasionally. To keep fairways green or at least alive during a hot dry year such as this, you may have to use the water more than is desirable but in normal years you should not irrigate the fairways unless it is absolutely essential because traffic problems and other problems will cause the grass to be killed out.

Mowing of fairways to a short length of grass means that water has to be available most of the growing season in order to keep it green. This kind of treatment of grass, of course, is not desirable in warm dry season and it is very difficult to keep grass growing. This is not compatible with the management suggestions I am making with respect to infrequent use and sizeable application. Thus, this is not going to be an ideal set-up.

Bent grass greens, if you have such, are ⁽⁴⁻⁵⁾ more salt tolerant than the bluegrass or other grasses which you would have in the fairways, and bent grass has to be watered almost every 2nd or 3rd day in order to keep them green. With this quality of water, I am very much in doubt as to whether bent grass will survive because of the salt which is carried. The greens

Mr. Matier
July 28, 1976
Page 2



will have to have a good stand later underneath in order that the salt can be conducted away almost every 2 weeks because of the accumulation that this water will cause. The frequency of leaching will depend, of course, upon whether or not we have such rain. A summer such as this will require application of water about every 2 days for bent grass and the water will have to be applied once every 2 weeks in sufficient quantity to cause leaching of salts. The management of this water with salt sensitive grasses such as bent grass is thus quite complex. I hope your manager of the Country Club will understand this. I am sending 2 copies of this AES publication #13 so that he may also have a copy.

A copy of this letter is accompanying your W1-1 form and a copy of the water analysis to the State Conservation Commission in Pierre for their action.

Sincerely yours,

L. O. Fine

L. O. Fine
Water Quality Lab

LOF:ckb

Enclosures

cc: State Conservation Commission

D. Pahl

Merlin Pietz, County Extension Agent

Permit No. 2849-3

Water Diversion No. 3 Vermillion River Water District

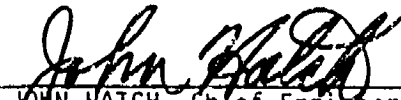
CERTIFICATE OF CONSTRUCTION

This is to Certify, That Par Mar Country Club

_____ the holder _____ of
Permit No. 2849-3, issued upon Application No. 2849-3, bearing date of priority of July 12, 1976
_____ authorizing the diversion of 1.0 cu. ft. per second of the waters of _____
groundwater (2 wells) County of Turner, State of South Dakota at _____
two points in SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$, Section 12, T99N, R54W
_____, for irrigation

_____ purposes, has _____ complied with the provisions of the laws of the State of South Dakota relating to proof of
completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory
condition for diverting and conveying to the place of intended use .11 cu. ft. per second of water.

Date July 7, 1980


JOHN HATCH, Chief Engineer
Water Rights, WND

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2849-3

(1) WHEREAS, On the 12th day of July A. D. 19 76
Par Mar Country Club
made Water Right Application No. 2849-3 for a permit to use 1.0 cubic feet per second of the waters
of groundwater (two wells)
County of Turner, State of South Dakota, for irrigation
purposes; and
(2) WHEREAS, On the 30th day of September A. D. 19 76
Permit No. 2849-3 with a date of priority of July 12, 1976
was issued to said applicant for the diversion of said water, and provided for the completion of construction of the water
supply system therein described on or before the 30th day of September A. D. 19 77 and for the
application to beneficial use of said water on or before the 30th day of September A. D. 19 77

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 .11 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 approximately seven acres of greens and tee boxes
in the W $\frac{1}{2}$ SW $\frac{1}{4}$, Section 12, T99N, R54W

(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 Par Mar Country Club

_____ of Parker, South Dakota

the holder _____ and owner _____ of said permit No. 2849-3 a water right, dating from July 12, 1976

_____ to use of .11 cubic feet per second of the waters of groundwater (lawn wells)

in the County of Turner and State of South Dakota, or so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at two points in the SW 1/4 SW 1/4

Section 12, T99N, R54W

and conducted to and upon approximately seven acres of greens and tee boxes in
the SW 1/4 SW 1/4, Section 12, T99N, R54W

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 2849-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 7th day of July A. D.
Nineteen Hundred and Eighty

WATER MANAGEMENT BOARD

By:

John Hatch
Chief Engineer, Executive Officer
JOHN HATCH

No. 2849-3

Publish first publication, on or before September 16, 1976

**NOTICE
INTENT TO APPROPRIATE WATER**

Pierre, South Dakota 57501

August 11, 1976

Notice is hereby given that Par Mar Country Club
whose post office address is Parker, 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
1.0 cubic feet of water per second of time from the ground water through the
Par Mar System #1, the point of diversion of which is to be located in the _____

SW $\frac{1}{4}$ SW $\frac{1}{4}$

of Section 12, Twp. 99N, Range 54W. Said water to be used for the purpose
of providing irrigation on ^{portions of} the following described land:
W $\frac{1}{4}$ SW $\frac{1}{4}$, Section 12, T99N, R54W

This application No. 2849-3 will be considered by the Water Rights Commission at their office at
Pierre upon the 29th day of September, 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:

Par Mar Country Club, Parker, S.D. 57053

No. 2849-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County of TURNER) ss.

I, EARL J. FORMANN hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the _____

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

NEW ERA of PARKER, S. D.,

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

Thursday, August 19th, 1976,

Thursday, August 26th, 1976.

Earl J. Formann
(Signature)

OWNER--PUBLISHER
(Title)

8-19-76
(Date Signed)

NOTICE
INTENT TO APPROPRIATE
WATER
No. 2849-3

Pierre, South Dakota 57501
August 11, 1976

Notice is hereby given that Par
Mar Country Club, whose post
office address is Parker, 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 1.0 cubic feet of
water per second of time from
ground water through the Par
Mar System No. 1, the point of
diversion of which is to be
located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of
Section 12, Twp. 99N, Range 54W.
Said water to be used for the
purpose of providing irrigation
on portions of the following des-
cribed land:

W $\frac{1}{2}$ SW $\frac{1}{4}$ Section 12,
T99N, R54W.

This application No. 2849-3 will
be considered by the Water Rights
Commission at their office at
Pierre upon the 20th day of
September, 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:

Par Mar Country Club, Inc.,
Parker, S. D. 57053
(2cc--Aug. 19 & 26, 1976)



Permit No. 2849-3Water Division 3 VERMILION RIVER Water DistrictREPORT 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 PARMAR
COUNTRY CLUB of PARKER holder
of Permit No. 2849-3, bearing date of priority of JUNE 12, 1976
authorizing the diversion of 1.0 cu. ft. per second of the waters of GROUNDWATER
for IRRIGATION purposes, in TURNER County.

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

The Water Use System consists of,

A. Works used to divert the water:

2 WELL - APPROX 40' DEEP - 6" CASING
REDA SUBMERSIBLE PUMPS 2HP ELECTRIC

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

1/2 MILE OF 2" BURIED PLASTIC LINE
3/4 " OF 1 1/2 " " " "
1/2 MILE OF 1 " " " "

C. Works used to apply water to beneficial use.

RAINBIRD #30B SPRINKLER HEADS
WITH 1/64 ORIFICE

The system is in the following condition: GOOD

The point of diversion is located TWO POINTS IN THE SE⁴SW⁴,
SECTION 12, T99N, R54W

The works are capable of diverting and conveying to the place of use .11cu. ft. per second of water which is to be used for IRRIGATION

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

FOR IRRIGATING ABOUT 7 ACRES OF GREENS
& TEE BOXES IN THE W²SW⁴, SECTION 12, T99N, R54W

comprising a total of 7 acres of land.

SEND LETTER TO:

C.E. KOLLER
Box 266
PARKER, S.D. 57054

Date JUNE 5, 1980

[Signature]
(Signature)

RECEIPT

WATER RIGHTS COMMISSION
State of South Dakota

No 4 7555

PIERRE, July 1, 1920

RECEIVED OF Dennis Duncan, PARMA VALLEY COUNTRY CLUB, Parker, SD 57455
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. 2840-3	---	50 00
Fee for inspecting Beneficial Use, and issuing Water License No. 2840-3		
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	50	00

WATER RIGHTS COMMISSION

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

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

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

January 29, 1988

PAR MAR COUNTRY CLUB -Dennis Duncan
PARKER, SD 57053

NOTICE

**Re: Violation of Requirement To Submit 1987 Irrigation
Questionnaire**

Our records indicate that the 1987 Irrigation Questionnaire has not been submitted for Permit No(s) (2849-3.) The request for the Questionnaire was dated October 8, 1987. The Water Management Board has directed that owners of water permits who have not submitted 1987 Irrigation Questionnaires be given notice of hearing(s) to be held by the Board to determine if any action is to be taken concerning the violation.

The hearings will be held at 9:00 am, March 2, 1988 in Room 216, Joe Foss Building, 523 E Capitol, Pierre SD.

The hearing will be conducted pursuant to the provisions of SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to procedures contained in SDCL 1-26. Following the hearing(s), the Water Management Board can:

1. Amend Permit No(s). 2849-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
2. Postpone any action;
3. Take no action.

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



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

NOTE: If the questionnaire(s) is received in this office before the March 2 hearing date, your name will be deleted from the agenda for the hearing.

SOUTH Dakota Department of
Water & Natural Resources

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

February 9, 1988

2849-3

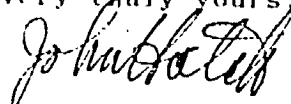
Par Mar Country Club
Don J Smith
Parker SD 57053

Dear Mr. Smith:

I am writing to acknowledge receipt of your 1987 Irrigation Questionnaire(s). A notice was sent to you January 29, 1988 regarding the requirement to submit the Irrigation Questionnaire(s) for Water Permit No. 2849-3 and the hearing date before the Water Management Board.

Since your questionnaire was received prior to the March 2, 1988 Water Management Board Meeting, your name has been deleted from the Board Meeting agenda. If you have any questions, please contact us.

Very truly yours,



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



Nov 7-00
Baker, SD

Sir:

I presently irrigate this course with water supplied from a manmade dugout that is cleaned out about every 3 to 5 yrs. Its only feed is from the water table being what it is. The water is usually dirty & full of algae etc in late summer.

I have a nearby well about 30 foot deep with 15 ft. of water in it at present. I would like to use it as the water would be much cleaner I'm sure, but I don't think it would keep up with my system unless I had it dug deeper, say 10-20 ft. possibly.

Are there any rules or regulations as far as your dept. is concerned that I should know if I were to go this route? Thanks.

Donald J. Smith
45412 275th St.
Parker, SD 57053

Sincerely

D. Smith



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

December 11, 2000

Donald Smith
45412 275th Street
Parker SD 57053

Dear Mr. Smith:

When submitting the annual irrigation questionnaire for the Par Mar golf course you included a letter inquiring about deepening and using a nearby well. The letter indicates that presently you use a dugout for irrigation of the golf course. You requested information on any rules or regulations necessary if you decide to deepen and use this well.

Water Right No. 2849-3 is held in your name for irrigation of approximately seven acres of greens and tee boxes at the golf course. A copy of this water right and a map of where the wells are located is enclosed. In reviewing this information I was somewhat puzzled because this water right is for two wells to irrigate the golf course and not a dugout.

Please review the map carefully to see if either of the wells shown is the one you plan to deepen and use for irrigation. If so, you should be able to use this well for irrigation of golf course as long as the following are true:

- The well once deepened remains in the same water source (Vermillion: West Fork).
- No additional acres are irrigated. The existing water right authorizes seven acres of irrigation.
- There is no increase in the authorized diversion rate of 0.11 cubic feet of water per second (50 gallons per minute).

Mr. Smith, I hope this answers your questions, please do not hesitate to contact me if you have any questions.

Sincerely,

Eric Gronlund
Water Rights Program
(605) 773-3352

enclosure

OFFICIAL
SURVEY

53.4

99.54

6.7

20.2

10.0

44.3

39.6

2.146

22.1

50.8

5.0

2

12

91.5

Land to be Irrigated:

All of the W $\frac{1}{2}$ SW $\frac{1}{4}$ 12-99-54
except area outlined to left.
Total acres--70 more or less.

--- Buried Pipelines
O IRRIG. WELLS

25.5

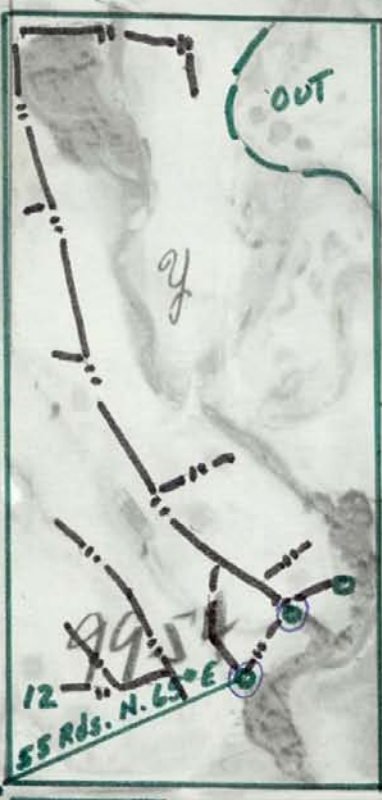
15.1

2

15.5

3.5

3.6



12-99-54
SW 1/4
T. 12N. R. 65E

13

PAR MAR COUNTRY CLUB IRRIGATION SYSTEM #1
PARKER, S. DAK. 57053

MAP N^o 2184-3 Appl N^o 2849-3



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
<http://denr.sd.gov>

September 25, 2012

No. 2849-3

Dawn Berens
PO Box 231
Parker SD 57053

Dear Ms. Berens:

I am writing in response to our phone conversation on September 25, 2012 regarding the status of Water Right No. 2849-3 held by the Par Mar Country Club. A copy of the entire water right file can be viewed online at: http://denr.sd.gov/wrimage/wrinfo/wr_div3/2849-3.pdf

The permit was issued in 1976 for 1.00 cubic feet of water per second (cfs) [450 gpm] to irrigate 70 acres from 2 wells. An inspection completed in 1980 found that 2 wells had been developed at a depth of approximately 40 feet and were pumping 0.11 cfs (50 gpm) to irrigate 7 acres of greens and tee boxes. As a result, the water license was issued accordingly on July 7, 1980 (copy enclosed). I reviewed some of the older irrigation questionnaires returned by the golf course each year and found that the dugout currently used by the golf course was dug around 1984. I have enclosed a copy of the 1984 irrigation questionnaire making reference to use of the reservoir.

I understand from our phone conversation that the golf course may be considering going back to use of a well or wells to irrigate the golf course. The question posed is, "What is the status of Water Right No. 2849-3 since the wells have not been used for a number of years?" If it were to be determined that the dugout being used constituted the same water source as your permitted wells, then Water Right No. 2849-3 allows irrigation of 7 acres with a pump rate of 50 gpm. If the dugout is not considered the same water source as the 40 feet deep wells, then Water Right No. 2849-3 may have been forfeited due to nonuse of water. According to South Dakota Codified Law 46-5-37 water that is not placed to use for a period of three years reverts to the public. If the wells were not used once use of the dugout began in 1984, then forfeiture of the water right may have occurred.

My further understanding from our conversation is that the number of acres being irrigated and the pump rate both need to be increased beyond the 50 gpm and 7 acres covered by No. 2849-3. If that is so, a new permit is needed regardless of the status of No. 2849-3. My suggestion to the country club is to apply for the entire number of acres and gallons per minute needed and ask that the amount covered by No. 2849-3 be credited to the new application if it is determined that your proposed new well or wells and existing dugout constitute the same ground water source.

Please contact me if you have any questions. I can be reached at (605) 773-3352.

Sincerely,

Ron Duvall
Water Rights Program

enclosures

SOUTH DAKOTA
WATER PERMIT NO. 7648-3

Date of first receipt of application January 17, 2013.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7648-3 to Par Mar Valley Country Club Inc., c/o James M Vogel, Box 354, Parker SD 57053 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 7648-3 appropriates 0.89 cubic feet of water per second (cfs) from one well to be completed into the Vermillion West Fork Aquifer (35 feet deep) located in the NW 1/4 SW 1/4 Section 12 for irrigation of 50 acres located in the W 1/2 SW 1/4 (Tract 1 of Par Mar Valley Country Club Addition) Section 12; all in T99N-R54W. Water will also be diverted from the well to an existing dugout located in the NW 1/4 SW 1/4 Section 12-T99N-R54W prior to irrigating the golf course.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: April 1 – October 31.
3. The date from which applicant may claim right is January 17, 2013 (0.78 cfs – 43 acres) and July 12, 1976 (0.11 cfs – 7 acres of green & tee boxes).
4. The date of approval of Permit No. 7648-3 is April 8, 2013.
5. One-fifth of the construction is to be completed on or before October 8, 2015.
6. All construction is to be completed on or before April 8, 2018.
7. Water is to be put to beneficial use on or before April 8, 2022.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The 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.
2. The well authorized by Permit No. 7648-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. Pursuant to SDCL 46-5-6 which allows a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Permit No. 7648-3 authorizes a maximum diversion rate of 0.89 cfs for the irrigation of 50 acres with an annual volume not to exceed 2 acre feet of water per acre per year.
4. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.
5. The applicable portions of Water Right No. 2849-3 are incorporated into Water Permit No. 7648-3 with the priority date of July 12, 1976 retained. The two wells authorized by Water Right No. 2849-3 that are being replaced shall be plugged in accordance with Water Management Board Rules, Chapter 74:02:04.

WATER MANAGEMENT BOARD

By: 
Jeanne Goodman, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

MAY 20 2013

date

