

Considered: \_\_\_\_\_

WATER PERMIT NO. 1510-1

Phone: 605 347-5892

347-5108

Name of Applicant: Boulder Canyon Country Club

Post Office Address: Box 305, Sturgis SD 57785

Amount of Water Claimed: 0.22 cfs (no add'l) 6.05 AF storage Total Acres: 29.6 (no add'l)

Source of Water Supply: 1 well, 1 existing pond & 1 proposed pond

Water to be used for: irrigation County: Lawrence

About 2 miles West of Sturgis

PROOF OF PUBLICATION: Received \_\_\_\_\_ Not Received \_\_\_\_\_

APPLICATION: Approved \_\_\_\_\_ Subject to \_\_\_\_\_

F.F.& C/.L. Adopted \_\_\_\_\_ Not Approved \_\_\_\_\_ Deferred \_\_\_\_\_

PRIORITY Date Received: 11-21-90 Fee: \$150 Remarks \_\_\_\_\_

see WR No. 1661-1

Corrected Application Received \_\_\_\_\_ Period of Annual Use May 1 - October 31

WATER QUALITY APPROVAL RECEIVED 2-12-91 APPROVED/CONDITIONAL (Circle one)

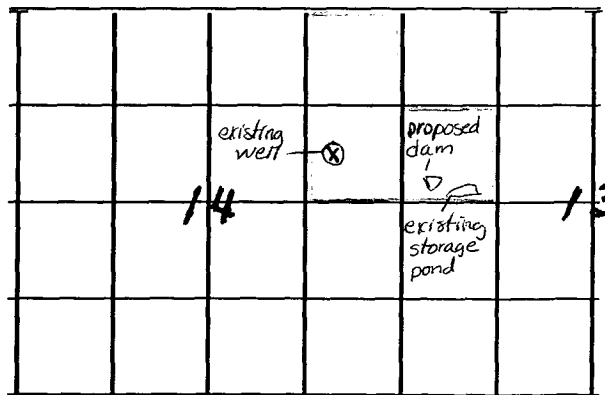
WI-1 Description same as Application YES  NO \_\_\_\_\_ REMARKS \_\_\_\_\_

Diversion Point: existing pond & proposed pond

SW 1/4 NW 1/4 13-5N-4E

Land to be Irrigated: SW 1/4 NW 1/4 13-5N-4E and

E 1/2 NE 1/4 14-5N-4E



Well Log: Driller: \_\_\_\_\_ Licensed YES \_\_\_\_\_ NO \_\_\_\_\_

Depth of Well: \_\_\_\_\_ REMARKS \_\_\_\_\_

Type of Map: aerial PREPARED BY: Darrell Vig, SCS Reviewed and the Number

Assigned on 2-14-91 By Karen Schlaak

Mail to: Water Rights Div. 523 E. Capitol Pierre, SD 57501 (605) 773-3352

(See instructions)

No. 1510-1 Hydrologic Unit 10120202 Basin Belle Fourche R. Newspaper Lead Daily Call, Box 876 57754

Application For Soil/Water Compatibility Permit and Permit To Appropriate Water

Type of Application: [X] New [ ] Vested Right [ ] Amend Permit No. [ ] Change Acreage [ ] Change diversion point(s) [ ] Add diversion point(s) [ ] Add Acreage [ ] Increase diversion rate [ ] Other



Name of Applicant Boulder Canyon Country Club Phone No. 605-347-5892 Post Office Address Box 305 Sturgis State SD 57785 (Street, RR or Box) (City) Zip Code

- 2. Amount of water claimed (c.f.s) see below Total acres irrigated 29.6 acres (no add'l)
3. Source of Water supply one well (permitted under WR No. 661-1) and surface runoff
4. Location of point of diversion existing well - SE 1/4 NE 1/4 Section 14 T 5 N - R 4 E (SW 1/4 NW 1/4) existing pond - 2510' S & 630' E of NW corner S 13 T5N - R4E (SW 1/4 NW 1/4) proposed pond - 2450' S & 250' E of NW corner S 13 T5N R4E County Lawrence
5. Counties where water will be used Lawrence
6. Annual period during which water is to be used May 1 - Oct. 31 & storage in ponds year round
7. List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

Table with 2 columns: Land Description, No. Acres Irr. Rows: SW 1/4 NW 1/4 Sect. 13 T5N-R4E (10.5), SE 1/4 NE 1/4 Sect. 14 T5N-R4E (15.5), NE 1/4 NE 1/4 Sect. 14 T5N-R4E (3.6)

Table with 2 columns: Land Description, No. Acres Irr. (Empty rows)

Attach sheet if more space is needed

- 8. Type of Irrigation: Gravity: \_\_\_\_\_ Towline: \_\_\_\_\_ Center Pivot: \_\_\_\_\_ Gun: \_\_\_\_\_ Other: sprinkler (Specify)
9. Crops to be Irrigated: turf
10. Give a description of proposed project. (Attach sheet if more space is needed)

Water Claimed - 0.22 cfs (no add'l) & 6.05 acre feet storage in ponds
Currently WR No. 661-1 permits diversion of 0.22 cfs from one well to irrigate 29.6 acres listed above. This application is to permit 6.05 acre feet of storage in two ponds (one existing, one proposed) along a small drainage way supplied by the permitted and surface runoff and to allow diversion from the existing pond for irrigation of greens & fairways.

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach maps, soils information and any other technical information.

STATE OF SOUTH DAKOTA) County of Meade ) ss

I, Boulder Canyon Country Club, the applicant, certify that I have read this application and examined the attached maps, that the water sample, if needed, has been taken by the required procedures and has not been adulterated or tampered with and is truly representative of the water to be used, and that the matters stated in this application are true and correct.

Signed Bob Belinger

Subscribed and sworn to before me this 19th day of November 1990

Carlene M. Rosencranz Notary Public

My commission expires 8/19/98

### Supplemental Information

(type or print in ink)

1. Well Information - Proposed construction On file in your office - original permit #661-1

- a) Drill Hole Diameter \_\_\_\_\_ Depth \_\_\_\_\_
- b) Casing Type \_\_\_\_\_ Diameter \_\_\_\_\_ Thickness \_\_\_\_\_
- c) Screen Type \_\_\_\_\_ Diameter \_\_\_\_\_ Thickness \_\_\_\_\_
- d) Gravel Pack Thickness \_\_\_\_\_ Length of Gravel Pack \_\_\_\_\_
- e) Depth to Top of Water Bearing Material \_\_\_\_\_
- f) Depth to Water (ground surface to water level) \_\_\_\_\_
- g) Distance to nearest existing domestic well:

On applicants property \_\_\_\_\_ On property owned by others \_\_\_\_\_

#1 (Existing)  
 2. Dugout Information Estimates (0.55 acres)  
 a) Surface Dimensions 240' x 100' Depth 11' average

b) Depth to water (ground surface to water level) 3'

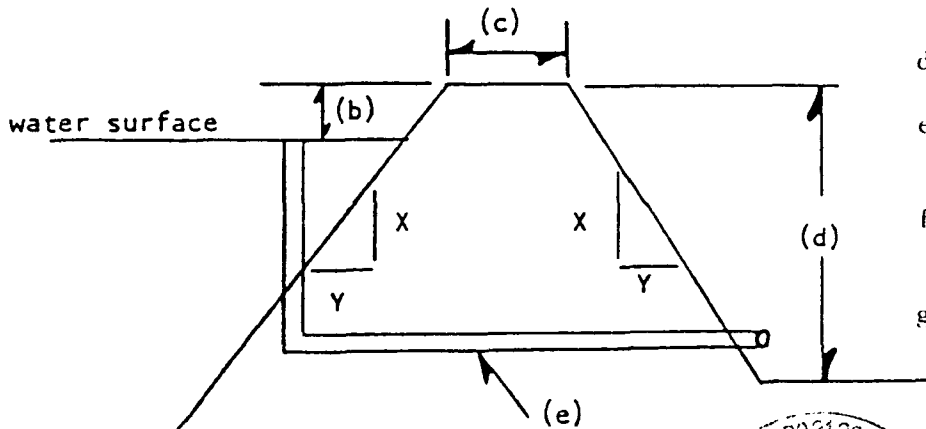
#2 (Proposed)  
 3. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below. The locations of each dam should be shown on the map submitted with the application.

a) If a private engineering firm or government agency was involved in the design of this dam please give their name and address

Rocking Tree Landscaping  
1026 Main St.  
Sturgis, SD 57785

- b) Freeboard 3'
- c) Crest Width 26'  
 Crest Length 50'
- d) Height 11' 6"
- e) Primary Outlet Capacity \_\_\_\_\_  
 If Pipe, diameter 15"
- f) Secondary Spillway Capacity \_\_\_\_\_  
 Spillway width 26'
- g) X & Y Slope  
 Upstream 3:1  
 Downstream 2:1



Surface Area of Impoundment 70' x 190'  
 Storage 0.84 acre feet  
 Drainage area above dam 1280 acres



Bob Behrens  
 Signature of Applicant

**SOUTH DAKOTA**  
**WATER PERMIT No. 1510-1 FOR IRRIGATION**

Date of first receipt of application November 21, 1990.

Date Soil/Water Compatibility Permit received February 13, 1991.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 1510-1 to Boulder Canyon Country Club, Box 305, Sturgis SD 57785 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. 1510-1 appropriates 6.05 acre-feet of water in two storage dams (one existing, one proposed) and to allow diversion of water from the dam for irrigation of the 29.6 acres authorized by Water Right No. 661-1. Water Right No. 661-1 appropriates 0.22 cubic feet of water per second (cfs) from one well 400 feet deep (Minnelusa Formation) located in the SE 1/4 NE 1/4 Section 14 to irrigate 29.6 acres located in the SW 1/4 NW 1/4 Section 13 and E 1/2 NE 1/4 Section 14; all in T5N-R4E. This permit authorizes water to be diverted from the well at a rate of 0.22 cfs as appropriated by No. 661-1 to the storage dams located in the SW 1/4 NW 1/4 Section 13-T5N-R4E. The storage dams will also receive incidental surface runoff. This permit does not authorize any increase in the acres irrigated or the 0.22 cfs application rate to the irrigated acres.
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: January 1 - December 31 in storage ponds and May 1 - October 31 for irrigation.
3. The date from which applicant may claim right is February 12, 1991.
4. The date of approval of Permit No. 1510-1 is May 1, 1991.
5. One-fifth of the construction is to be completed on or before November 1, 1993.
6. All construction is to be completed on or before May 1, 1996.
7. Water is to be put to beneficial use on or before May 1, 2000.
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. Approval of Permit No. 1510-1 authorizes pumping of groundwater into 6.05 acre-feet of storage as needed for irrigation.

(continued)

Water Permit No. 1510-1  
Page 2

2. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

**WATER MANAGEMENT BOARD**

By:   
Chief Engineer, Water Rights Division  
Department of Environment and Natural Resources

JUL 23 1991  
(date)

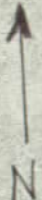
Appl. No. 1510-1



NW Corner of  
Sec. 13-T5N-R4E

Boulder Canyon Country Club

scale -  
8" = 1 mile



Center of  
Sec. 14-T5N-R4E

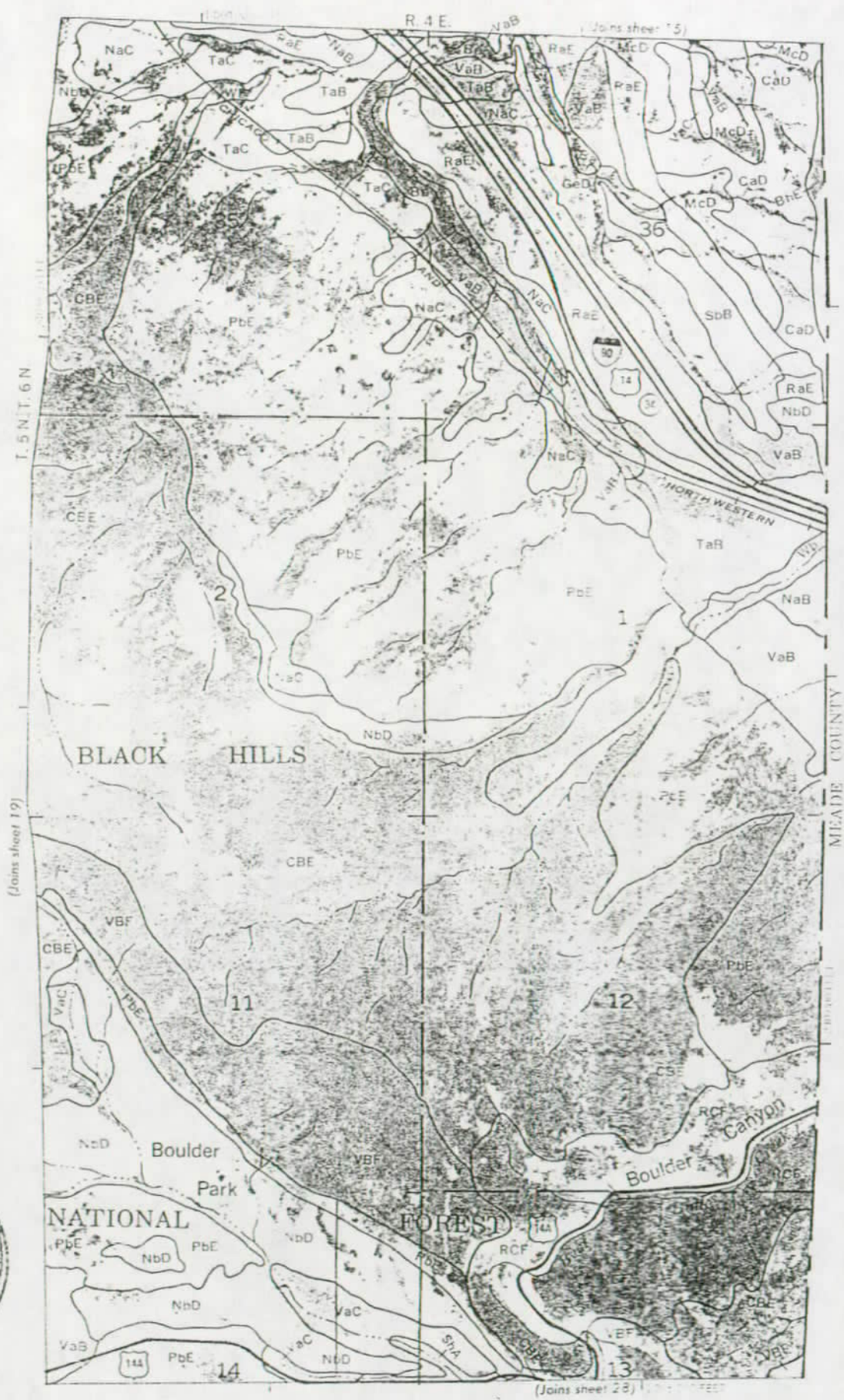


Proposed  
Dam

Sec. 14 | Sec. 13  
Sec. 14 | Sec. 13

Existing Storage Pond  
18' average depth

10/9/90  
Darell Vig  
SCS  
Sturgis, SD 57785



(Joins sheet 19)

(Joins sheet 23)

MEADE COUNTY

Scale 1:24,000

# RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

412434

Pierre, November 21, 1990, 19    

RECEIVED OF Boulder Canyon Country Club, Box 305, Sturgis SD 57785

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

Fee for Application for Permit No. <u>1510-1</u> to Appropriate Water, to construct works and to put water to beneficial use _____	15000
Fee for Application for Permit No. _____ to Appropriate Water for Future Use _____	
Fee to retain Future Use Permit No. _____ after period of seven years.	
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____	
Fee for Filing Transfer Form _____	
Fee for Filing Extension Request _____	
Fee for Certified Copy of _____	
Fee for Print Copy of Map _____	
Fee for Certifying _____	
Fee for _____ (Any Other Work Provided by Law)	
<b>Total</b>	<b>150 00</b>

By John Hatch Moore  
Chief Engineer

Department of Agriculture  
WI#1  
5/87

SOIL/WATER COMPATIBILITY PERMIT  
Division of Conservation

Office Use Only

4556

WR#

OWNERS NAME: BOULDER CANYON COUNTRY CLUB OWNERS ADDRESS: BOX 305  
STURGIS SD 57785

COUNTY LAND LOCATED IN: LAWRENCE PHONE: 347-5892

LEGAL DESCRIPTION:

Well

Surface

1. LOCATION: Existing well - SE $\frac{1}{4}$  NW $\frac{1}{4}$  14-T5N-R4E  
Existing pond - 2510' S & 630' E of SW $\frac{1}{4}$  NW $\frac{1}{4}$  13-T5N-R4E  
Depth: Proposed Pond - 2450' S & 250' E of SW $\frac{1}{4}$  NW $\frac{1}{4}$  13-T5N-R4E

Legal Description	Acres	Legal Description	Acres
SW $\frac{1}{4}$ NW $\frac{1}{4}$ 13-T5N-R4E	10.5		
SE $\frac{1}{4}$ NE $\frac{1}{4}$ 14-T5N-R4E	15.5		
NE $\frac{1}{4}$ NE $\frac{1}{4}$ 14-T5N-R4E	3.6		

2. TYPE OF IRRIGATION: GRAVITY: \_\_\_\_\_ TOWLINE: \_\_\_\_\_ CENTER PIVOT: \_\_\_\_\_ GUN: \_\_\_\_\_ OTHER: Sprinkler  
(Specify)

3. CROPS TO BE IRRIGATED: TURF

WATER QUALITY:	
4. WATER SAMPLE NUMBER: <u>90-1743</u>	7. ADJUSTED (SAR): <u>0.19</u>
5. SALINITY (EC X 10 <sup>6</sup> ): <u>540</u>	8. PERCENT SODIUM: <u>3.23</u>
6. SODIUM (SAR): <u>0.11</u>	

Requirements:

Areas greater than 9% slopes shall be restricted from irrigation unless land management practices are used, which reduce the runoff and erosional hazards.

Areas of rock outcrop shall be restricted from irrigation.



[Signature]  
Director, Division of Conservation

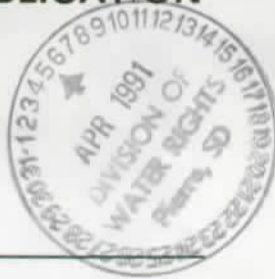
XXX APPROVED      XXX REQUIREMENTS  
\_\_\_\_ DISAPPROVED  
\_\_\_\_ WAIVER

JANUARY 31, 1991  
Date

Soil/water permits will be recorded by the Department of Agriculture, with the County Register of Deeds.

**PROOF OF PUBLICATION**

STATE OF SOUTH DAKOTA )  
County Lawrence ) ss.



I, Karen C. Perry  
certify that the attached printed Notice was taken  
from the Lead Daily Coal

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

City of Lead

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

March 27, 1991  
April 3, 1991

Karen C. Perry  
(Signature)  
Accounts Receivable Manager  
(Title)  
April 3, 1991  
(Date Signed)

Cost of Printing: 60.47

**NOTICE OF HEARING  
on Application No. 1510-1  
to Appropriate Water**

Notice is given that Boulder Canyon Country Club, Box 305, Sturgis, SD 57785 has filed an application for a water permit to impound 6.05 acre-feet of water in two storage dams (one existing, one proposed) and to allow diversion of water from the dam for irrigation of the 29.6 acres authorized by Water Right No. 661-1. Water Right No. 661-1 appropriates 0.22 cubic feet of water per second (cfs) from one well 400 feet deep (Minnelusa Formation) located in the SE 1/4 NE 1/4 Section 14 to irrigate 29.6 acres located in the SW 1/4 NW 1/4 Section 13 and E 1/2 NE 1/4 Section 14; all in T5N-R4E. This application is to allow water to be diverted from the well at a rate of 0.22 cfs to the storage dams located in the SW 1/4 NW 1/4 Section 13, T5N, R4E. The storage dams will also receive incidental surface runoff. This application, if approved, does not authorize any increase in the acres irrigated or the 0.22 cfs application rate to the irrigated areas.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 1510-1 because 1) existing rights will not be unlawfully impaired, 2) it is a beneficial use of water, and 3) it is in the public interest. Unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation, the Water Management Board will NOT CONDUCT a HEARING to consider this application and the chief engineer will issue the permit as recommended. Petitions filed in support of the application will NOT require the Board to hear the application.

Any person interested in opposing or supporting this application must file a written petition with BOTH the applicant and Chief Engineer. The applicant must also file a petition if opposed to the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E. Capitol, Pierre, SD 57501 (605-773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by April 22, 1991. The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained.

For purposes of publishing 1) the notice of hearing on Application No. 1510-1 and 2) the chief engineer's recommendation, a Board meeting is scheduled for May 1, 1991, at 10:00 am, in the meeting room at Chef Louie's, 601 E. Havens, Mitchell, SD. If this application is opposed or the recommendation is contested, the May 1, 1991, hearing date may be rescheduled for another Board meeting. If the hearing is rescheduled, notice of the time and place will be given by First Class Mail to the applicant and persons filing petitions. Anyone not filing a petition, but interested in attending the hearing, may contact the Division of Water Rights to confirm a hearing date and location. The May 1, 1991, hearing date will be automatically delayed for at least 20 days upon written request to the Chief Engineer from the applicant or any interested person opposing the application. The request for an automatic delay must be filed by April 22, 1991.

If a hearing is held, the Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this application based on the facts presented at the public hearing. Any hearing will be an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer and may present evidence or cross-examine witnesses according to SDCL 1-26. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law. Contact the Water Rights Division to request copies of information pertaining to this application or to assure access to the hearing by the handicapped.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-16; 46-2-3.1, 46-12-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-26; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

L-334  
March 27, April 3

These are deep, well drained soils that have loam, silt loam, or light silty clay loam surface layers and loam, clay loam, silt loam, or silty clay loam subsoils. Available water capacity is high. Permeability is moderate. These soils are on uplands.

Continuous move sprinkler systems could have traction problems on those soils having silty clay loam surface layers. The more sloping soils are subject to runoff and erosion if water is applied too fast. Gullies could form in wheel tracks of continuous move systems.

Generally, these soils are suitable for irrigation with medium salinity and low sodium water. If water of high salinity or medium sodium is used, extra water should be applied for leaching purposes and salt tolerant crops may be required.

Leaching operations will be difficult to carry out with center pivot systems.

These soils are not suited to sprinkler irrigation on slopes greater than 9 percent.

Agar  
Ascalon L  
Beotia  
Bryant  
Doland  
Farland  
Farnuf  
Flandreau  
Great Bend

Hall 2/  
Hand  
Highmore  
Homme 2/  
Hord  
Keith  
Moody 2/  
Nora 2/  
Norka

Paka 2/  
Poinsett 2/  
Ree  
Satanta L  
Shambo 2/  
Tilford  
Tuthill L, Sil  
Vale  
Wentworth 2/  
Zigweid 2/

2/ These soils may have silty clay loam surface layers.



X

Group 15

NBD-Nevee-Speartfish

1.0 Intake Family

These are deep, well and excessively drained soils that have loam or silt loam surface layers and subsoils. The surface layer is calcareous in most of these soils. The underlying material is silt loam or silty clay loam. Available water capacity is high. Permeability is moderate. These soils are on upland.

Special treatment with fertilizer is necessary where the surface layers are calcareous. The more sloping soils are subject to erosion if water is applied too fast. Gullies could form in wheel tracks of continuous move systems.

Generally, these soils are suitable for irrigation with medium salinity and low sodium water. If water of high salinity or medium sodium is used, extra water should be applied for leaching purposes and salt tolerant crops may be required.

These soils are not suited to sprinkler irrigation on slopes greater than 9 percent.

Bridget	Linton	Oglala
Colby	Lowry	Sen
Crofton	Manvel	Sully
Eckman	Mitchell	Ulysses
Lantry	<u>Nevee</u>	Zell

Group 16

1.0 Intake Family

These are deep, well and moderately well drained soils that have silt loam or very fine sandy loam surface layers. The surface layer is light colored and is calcareous in most of these soils. The underlying material is stratified fine sandy loam, very fine sandy loam, silt loam, and loam. Available water capacity is high. Permeability is moderate. These soils are on bottom lands of the major drainages. Unprotected areas may flood during snow melt in the spring. Dams constructed on the major rivers in recent years protect many of these soils from flooding. Runoff is slow.

Special treatment with fertilizer and organic matter is needed on those soils having light colored surface layers. Where the Havre soils have silty clay loam surface layers, continuous move sprinkler systems could have traction problems.

Generally, these soils are suitable for irrigation with medium salinity and low sodium water. If water of high salinity or medium sodium is used, extra water should be applied for leaching purposes and salt tolerant crops may be required.

Blyburg	McCook
Haverson	McPaul
Havre	Modale
Havreton	Swint
Haynie	Tripp



N&B - Nevee - Spearfish

GROUP D

SHALLOW SOILS, USUALLY STEEP

These are shallow soils that have bedrock at depths of less than 20 inches. They have very low or low available water capacity. The underlying bedrock is shale, chalkrock, sandstone, siltstone, and limestone. A few soils having sand and gravel at depths less than 10 inches are in this group.

Most of these soils are on steep slopes so they have a combination of limitations for irrigation. Small areas of these soils may occur as inclusions with irrigable soils.

GROUP E

VERY CLAYEY SOILS AND CLAYEY SOILS ON SLOPES GREATER THAN 2 PERCENT

These soils have very fine surface layers and very dense clayey subsoils. They formed in materials weathered from clayey shales. Some of the soils contain concentrations of salts. Permeability is very slow.

Soils have extremely firm, dense, clayey subsoils that have an abrupt upper boundary are also in this group. Clayey soils that are on slopes too steep for irrigation (over 2 percent) are in this group. These soils are not suited for any type of sprinkler irrigation under present methods.

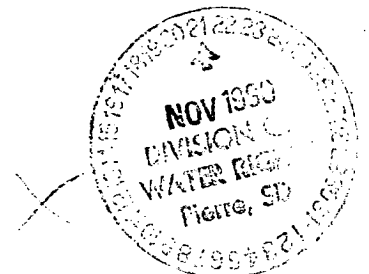
GROUP F

SOILS HAVING CLAYPAK SUBSOILS

These soils are characterized by having dense compact subsoils. They contain an excessive amount of sodium. These soils are on broad flat areas usually characterized by small pits and mounds (micro-relief). Most areas are in native vegetation.

Many of these soils are near irrigable soils or are small areas that may be irrigated along with irrigable soils. These areas will cause severe traction problems for continuous move irrigation systems and farm implements. Poor stands are likely because of poor germination due to the high amount of sodium. Crop growth is very suppressed in these areas.

Some of these soils have fine sandy loam surface layers and columnar structured sandy clay loam subsoils.



Group 9

ShA - St. Onge

0.5 Intake Family

These are deep, well drained and moderately well drained soils that have thick dark colored surface layers of loam, silt loam, silty clay loam, or very fine sandy loam. The underlying material is stratified loam, silty clay loam, silt loam, or fine sandy loam. Available water capacity is high. Permeability is moderate or moderately slow. These soils are on bottom lands. They are subject to occasional flooding from snow melt in the spring. Runoff is slow.

The soils that have silty clay loam surface layers could cause trafficability problems for continuous move systems. Ponding could result from high application rates.

Generally, these soils are suitable for irrigation with medium salinity and low sodium water. If water of high salinity or medium sodium is used, extra water should be applied for leaching purposes and salt tolerant crops may be required.

Barnum	Korochea 2/	Salix 2/
Blake 2/	LaDelle 2/	Straw 2/
Bon 2/	LaPrairie 2/	<u>St. Onge</u>
Bridgeport 2/	Nimbro 2/	Volin
Davis	Orain 2/	
Kennebec 2/	Roxbury 2/	

2/ These soils may have silty clay loam surface layers.

Group 10

.5 Intake Family

These are deep, well drained and moderately well drained soils that have thick dark colored surface layers of loam, silt loam, or silty clay loam. The subsoil is silt loam, loam, clay loam, or silty clay loam. The underlying material is silt loam, silty clay loam, loam, or light clay loam. Available water capacity is high. Permeability is moderate or moderately slow. These soils are in swales or on long plane slopes.

Water could collect in some of the swales and cause drainage problems. These soils occur as inclusions in many map units. Leaching operations will be difficult to carry out with center pivot systems.

Generally, these soils are suitable for irrigation with medium salinity and low sodium water. If water of high salinity or medium sodium is used, extra water should be applied for leaching purposes and salt tolerant crops may be required.

Aastad	Brookings	Judson	Prosper
Alcester	Duroc	Keya	Renner
Athelwold	Gardena	Lismore	Svea
Arnegard	Goshen	Mandan	Trent
Bonilla	Graceville	Mobridge	Viborg
Bowbells	Grassna	Overly	Waubay





# Department of Water & Natural Resources

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

September 17, 1990

Mr. Bob Behren  
1123 Main St.  
Sturgis, SD 57785

RE: Boulder Canyon Country Club

Dear Mr. Behren:

This letter is in regards to your inquiry as to what permit is necessary in order for the country club to construct a small pond in a drainageway to act as a golf hazard.

It is my understanding that your current irrigation operation has water flowing from a well permitted under Water Right No. 661-1 (100 gpm) flowing down a drainage and into an existing pond where it is pumped to the sprinkler system. As we discussed on the phone, your current water right does not include the existing pond.

The following addresses what I feel is the best way to approach permitting so that the country club has a valid permit that includes the existing pond (and pumping from it) and construction of the other small pond for a golf hazard.

1. I believe that both ponds can be permitted through one application. However, since the pond receives water from the drainage, a Soil Water Compatibility Permit will likely be required through the Department of Agriculture. The water permit application form also acts as a soil water application form.
2. The Soil Water Permit will require a water analysis from the pond. Please follow the sampling procedure on the instruction sheet and use the enclosed labels.
3. In filling out the application form be sure the following steps are taken.
  - a. Item 2 should show that there is no additional diversion rate or acres irrigated.
  - b. The source of the water supply (Item No. 3) should be expanded to include incidentally surface water into the pond.
  - c. The location of the two ponds in addition to the well should be stated in Item 4.
  - d. The legal description of the irrigated acreage must be shown in Item No. 7.
  - e. The application must be signed and notarized.
  - f. Describe the current method used for irrigation (well feeding dam,

- pumping dam to irrigate greens and fairways) under Item No. 10.
- g. The water storage dam portion of Form 2A must be filled out for each pond.
  - h. A map must be submitted showing the location of the existing well, irrigated acreage and the existing and proposed ponds.
  - i. An application filing fee of \$150 will need to be submitted with the application.

I have filled in applicable information from Water Right No. 661-1 to a draft application form. Please be aware that this draft application was filled out with information as I interpreted it from our phone conversations. If I misinterpreted anything, please make the appropriate changes on a final application.

I realize that this may be somewhat confusing, so if you have any questions, please don't hesitate to give me a call.

Sincerely,

Eric Gronlund  
Water Rights Division  
605 773-3352

enc.

cc: Darrell Vig, SCS

## BOULDER CANYON COUNTRY CLUB

BOX 305 • BOULDER CANYON ROUTE  
STURGIS, SOUTH DAKOTA 57785

November 19, 1990



Eric Gronlund  
Water Rights Division  
SD Dept. of Water and Nat. Resources  
Joe Foss Bldg. 523 East Capitol  
Pierre, SD 57501-3181

Dear Mr. Gronlund:

Enclosed is information requested for an adding two storage ponds to our existing Master Right No. 661-1. There was an error in the legal description under item 7 on Form 2 on the 3rd line.

We will be sending a water sample to the Water Quality Lab at SDSU. Thank you for your assistance in this matter.

Sincerely,

Bob Behrens- Director of Boulder Canyon Country Club



Report on Water Permit Application No. 1510-1  
Boulder Canyon Country Club  
February 19, 1991

Background

Water Permit Application No. 1510-1 requests impoundment of 6.05 acre feet of water in two storage dams (one existing, one proposed). The ponds are located in the SW1/4 NW1/4 Section 13, T5N-R4E. The water in the ponds is supplied from a well, authorized under Water Right No. 661-1. Water Right No. 661-1 is authorized to divert 0.22 cubic feet of water per second (cfs) from one well 400 feet deep (Minnelusa). The well is located in the SE1/4 NE1/4 Section 14, T5N-R4E, in Lawrence County. The storage ponds will receive water from the well and incidental surface runoff. The water is used to irrigate 29.6 acres authorized under Water Right No. 661-1. No additional diversion rate or acreage is requested by the applicant.

Discussion

Water Permit No. 661-1 authorizes irrigation of 29.6 acres located in the SW1/4 NW1/4 Section 13, and E1/2 NE1/4 Section 14, T5N-R4E. Water Permit No. 661-1 was licensed on June 25, 1971. The Water License shows that the irrigated land is located in the SW1/4 NW1/4 Section 13, and SE1/4 NE1/4, NE1/4 SE1/4 Section 14, T5N-R4E. On June 16, 1971, Water Permit No. 661-1 was inspected by Burton Jones. The inspection report shows that the irrigated land is located in the SW1/4 NW1/4 Section 13, and E1/2 NE1/4 Section 14, T5N-R4E, same as on the application.

Due to the small size of the dams they do not have to meet dam safety criteria.

Conclusions

1. Water Permit Application No. 1510-1 does not request additional water or irrigation of additional acreage.
2. Due to the small size of the dam, dam safety criteria do not apply.
3. Water Right No. 661-1 was approved on January 15, 1963. Water from the well has been used for beneficial uses since that time.
4. Water License No. 661-1 should be corrected to reflect the actual location of the land being irrigated under Water Permit No. 661-1.

*M. Rassool Ahadi*

M. RASSOOL AHADI  
Natural Resources Engineer III

Approved By:

*Delvin D. Brosz*

DELVIN D. BROSZ, P.E.  
Natural Resources Engineer IV

RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT  
APPLICATION NO. 1510-1, Boulder Canyon Country Club

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Water Permit Application No. 1510-1, Boulder Canyon Country Club, Box 305, Sturgis, SD.

The Chief Engineer is recommending APPROVAL of Application No. 1510-1 because 1) the proposed diversion can be developed without unlawful impairment of existing rights, 2) the proposed use is a beneficial use, and 3) in the public interest with the following qualifications:

1. Approval of Permit No. 1510-1 authorizes pumping of groundwater into 6.05 acre-feet of storage as needed for irrigation.
2. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.



JOHN HATCH, Chief Engineer  
February 20, 1991



DEPARTMENT OF WATER & NATURAL RESOURCES

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

NOTE: TO BE SURE OF PUBLICATION ON  
THE CORRECT DATES, CONTACT  
THE NEWSPAPER RIGHT AWAY.

March 22, 1991

Bob Behrens, Director  
Boulder Canyon Country Club  
Box 305  
Sturgis, SD 57785

Dear Mr. Behrens:

Water Permit Application No. 1510-1 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the Lead Daily Call printed at Lead, SD. For your information, a copy of the notice, the recommendation of the Chief Engineer and a report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

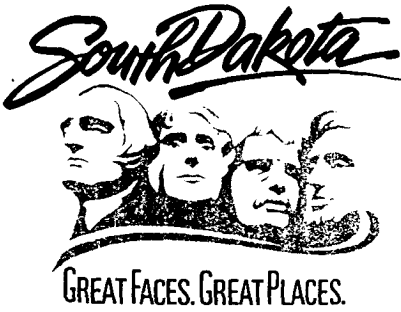
Be sure to contact the above newspaper to authorize publication of your Notice of Hearing and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. The newspaper has been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,

*Eric Gronlund*  
Eric Gronlund  
Natural Resources Engineer  
605 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.



DEPARTMENT OF WATER & NATURAL RESOURCES  
Joe Foss Building  
523 East Capitol  
Pierre, South Dakota 57501-3181

March 22, 1991

Lead Daily Call  
Box 876  
Lead, SD 57754

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application No. 1510-1 to be published twice. Please publish the first notice on March 27, 1991, with the second publication 7 days later.

The APPLICANT MUST VERIFY TO YOU THAT THE NOTICE IS TO BE PUBLISHED, before you make the first publication. Please BILL the APPLICANT for the cost of publication. The APPLICANT is Boulder Canyon Country Club, Box 305, Sturgis, SD 57785.

A copy of BOTH publications must be SENT to the WATER RIGHTS DIVISION. IMMEDIATELY return the FIRST publication with the FIRST Transmittal form on the bottom of this page. The first copy is needed to check the publication for errors so any corrections can be made in the second publication. Publication errors can invalidate the public notice and cause the applicant costly delays.

Please be sure the SECOND publication is returned IMMEDIATELY with the enclosed Proof of Publication form. DO NOT WAIT until the end of the month or the billing cycle. No action may be taken on the permit application until proof of publication has been received.

Sincerely,

*Eric Gronlund*  
Eric Gronlund  
Natural Resources Engineer  
605 773-3352

enclosures

-----CUT HERE-----

FIRST TRANSMITTAL NOTICE

TO: Eric Gronlund  
Water Rights Division  
Joe Foss Building  
Pierre SD 57501-3181

No. \_\_\_\_\_

Date \_\_\_\_\_

We are in receipt of your letter of \_\_\_\_\_ enclosing Notice of Hearing to Appropriate Water by Application No. \_\_\_\_\_ which was first published in our issue of \_\_\_\_\_. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

\_\_\_\_\_  
Name

\_\_\_\_\_  
Newspaper

Instruction to Newspaper - Publish first Notice on March 27, 1991, with the second publication 7 days later. The applicant is responsible for payment.

---

NOTICE OF HEARING on Application No. 1510-1 to Appropriate Water

Notice is given that Boulder Canyon Country Club, Box 305, Sturgis, SD 57785 has filed an application for a water permit to impound 6.05 acre-feet of water in two storage dams (one existing, one proposed) and to allow diversion of water from the dam for irrigation of the 29.6 acres authorized by Water Right No. 661-1. Water Right No. 661-1 appropriates 0.22 cubic feet of water per second (cfs) from one well 400 feet deep (Minnelusa Formation) located in the SE 1/4 NE 1/4 Section 14 to irrigate 29.6 acres located in the SW 1/4 NW 1/4 Section 13 and E 1/2 NE 1/4 Section 14; all in T5N-R4E. This application is to allow water to be diverted from the well at a rate of 0.22 cfs to the storage dams located in the SW 1/4 NW 1/4 Section 13, T5N, R4E. The storage dams will also receive incidental surface runoff. This application, if approved, does not authorize any increase in the acres irrigated or the 0.22 cfs application rate to the irrigated areas.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 1510-1 because 1) existing rights will not be unlawfully impaired, 2) it is a beneficial use of water, and 3) it is in the public interest. Unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation, the Water Management Board will NOT CONDUCT a HEARING to consider this application and the chief engineer will issue the permit as recommended. Petitions filed in support of the application will NOT require the Board to hear the application.

Any person interested in opposing or supporting this application must file a written petition with BOTH the applicant and Chief Engineer. The applicant must also file a petition if opposed to the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by April 22, 1991. The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained.

For purposes of publishing 1) the notice of hearing on Application No. 1510-1 and 2) the chief engineer's recommendation, a Board meeting is scheduled for May 1, 1991, at 10:00 am in the meeting room at Chef Louie's, 601 E. Havens, Mitchell, SD. If this application is opposed or the recommendation is contested, the May 1, 1991, hearing date may be rescheduled for another Board meeting. If the hearing is rescheduled, notice of the time and place will be given by First Class Mail to the applicant and persons filing petitions. Anyone not filing a petition, but interested in attending the hearing, may contact the Division of Water Rights to confirm a hearing date and location. The May 1, 1991, hearing date will be automatically delayed for at least 20 days upon written request to the Chief Engineer from the applicant or any interested person opposing the application. The request for an automatic delay must be filed by April 22, 1991.

If a hearing is held, the Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this application based on the facts presented at the public hearing. Any hearing will be an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer and may present evidence or cross-examine witnesses according to SDCL 1-26. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law. Contact the Water Rights Division to request copies of information pertaining to this application or to assure access to the hearing by the handicapped.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-16;  
46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14,  
46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4,  
46-5-31; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14, 46-6-26; and Board Rules  
ARSD 74:02:01:01 thru 74:02:01:15.

*South Dakota*



GREAT FACES. GREAT PLACES.

**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

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

JUL 23 1991

Bob Behren  
Boulder Canyon Country Club  
Box 305  
Sturgis, SD 57785

Dear Mr. Behren:

Enclosed is Water Permit No. 1510-1 authorizing construction of your water diversion system and put the water to beneficial use, not exceeding the limits as specified in the Water Permit.

Also enclosed is Form 10, Notice of Completion of Works and Application of Water to Beneficial Use, which you are to complete and submit to the Chief Engineer when you have completed the system and/or have put the water to beneficial use. An inspection can then be scheduled so that the Water License may be issued, thus completing your acquisition of a Water Right.

Very truly yours,

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

enclosures

**PLEASE NOTE:** Certain changes can be made in your permit within the five year construction period, usually without affecting the priority date provided an application to amend your permit is made within the five year period - i.e. changes in location or number of diversion points (wells) or location of land to be irrigated. Well locations for wells into the same aquifer can be moved up to 660 feet without application.

Applications to amend a permit after the five year construction period will be assigned a new priority date. Applications to change water sources, to add lands or increase original diversion rates, if approved will usually receive the date of the new application as a priority date regardless of the five year construction period.



**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

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

May 11, 1993

Elmer Preszler, Secretary/Treasurer  
Boulder Canyon Country Club  
Box 305  
Sturgis, SD 57785

Dear Mr. Preszler:

I am writing in response to our phone conversation regarding the Country Club's Water Permit No. 1510-1. Your concerns were with the November 1, 1993 time for one-fifth of the construction authorized by Permit No. 1510-1 to be completed. Due to the current highway construction taking place, the Country Club is unsure how it may affect development of Permit No. 1510-1 and have taken a position to wait on development until the highway project is complete.

South Dakota Codified Law 46-5-26 states that the work of construction shall be diligently prosecuted to completion, and if one-fifth of the work shall not be completed within one-half the time allowed, the Water Management Board may accept and approve an application for the use of all or any of the waters included in the permit issued to the prior applicant. This statute further states that an extension of time may be requested equal to the time during which work was prevented by the operation of law beyond the power of the applicant to avoid.

The Division of Water Rights will not take cancellation action if one fifth of construction is not completed by November 1, 1993. My interpretation of SDCL 46-5-26 is that we would only investigate the issue of whether one-fifth of the work is completed if there was not unappropriated water available and a application is submitted in close proximity to Permit No. 1510-1. Since Permit No. 1510-1 is for storage dams that are to be constructed and then filled with water from a well currently authorized by Water Right No. 661-1, I do not think an extension of time for one-fifth of construction is necessary.

However, the May 1, 1996 date for the completion of works will be enforced. If you do not think the project will be completed by this date, the Country Club would want to file an application for an extension prior to May 1, 1996.

Please feel free to contact me if you have additional questions.

Sincerely,

*Eric Gronlund*  
Eric Gronlund  
Water Rights Division  
605 773-3352

**Permit No. 1510-1**  
**Belle Fourche River - Water District**

**Report of Examination of Works and/or Application of Water to Beneficial Use**

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

I have this day, **June 29, 2010**, made a thorough examination of the water use system constructed by **Boulder Canyon Country Club** of **PO Box 305, Sturgis, SD 57785** holder of Permit No. **1510-1**, bearing the priority of **February 12, 1991** the storage of **6.05** acre-feet of the waters of the **Minnelusa Formation** for **Irrigation** purposes, in **Lawrence** County.

Inspection contact & relationship   **Jerry Weber**  
to permit holder, if applicable:

**A. Works used to apply water to beneficial use:**

- 1) Sprinklers

**Chemigation Equipment:**

- 1) Does chemigate N

**B. Compliance with Permit Requirements:**

- 1) Permit qualifications being abided by Y
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Y
- 3) Exceptions to compliance are: None

The system is in **Good** condition with the point(s) of diversion located as follows:

**Pond: Approximately 2,425 feet south and 545 feet east of the NW corner of Section 13-T5N-R4E (N 44.39506, W -103.58700) (SW ¼ NW ¼)**

**Well: Approximately 1,880 feet south and 875 feet west of the NE corner of Section 14-T5N-R4E (N 44.39651, W -103.59263) (SE ¼ NE ¼)**

The works are capable of storing **2.42** acre-feet of water which is to be used for **Irrigation**. Water has been put to beneficial use to the maximum extent as follows:

These acres are covered under Water Right No 661-1

**Section 13-T5N-R4E**  
**SW ¼ NW ¼ - 10.5 acres**

**Section 14-T5N-R4E**  
**NE ¼ NE ¼ - 3.6 acres**  
**SE ¼ NE ¼ - 15.5 acres**

comprising a total of **29.6** acres of land and the license should be issued for **2.42** acre-feet and **0.22** cfs.

The license should be issued for 2.42 acre-feet of storage.

All structures, wells and lands on map Y

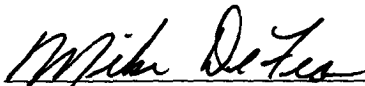
Comments or other permit(s) associated with the project:

Permit No. 1510-1 authorizes the storage of 6.05 acre-feet of water from one existing pond and a proposed new pond and to allow diversion from the dam for irrigation of the golf course. The golf course also holds Water Right No. 661-1 which authorizes 0.22 cfs of water from one well to irrigate the golf course. Permit No. 1510-1 was applied for to pump water into a small drainage way which flows through the golf course then into the new proposed pond then into the existing pond and then pumped from this pond to the irrigation system. All construction of the new pond was to be completed by May 1, 1996. However, due to lack of funding the proposed pond was not built and permit No. 1510A-1 was issued and had a construction period of May 1, 2000. Due to engineering, legal and other exigent circumstances brought about by the delay in construction of South Dakota Highway 14A, the pond was not constructed and the applicant applied for an extension and was issued Permit No. 1510B-1. The time period for all construction to be completed was May 1, 2005. On November 3, 2005, the Water Rights Program received the Irrigation Questionnaire in which the "Comment Box" contained a comment that "this permit was withdrawn on 5-5-05" suggesting the pond had not been constructed and there were no plans to build another one.

However, at the time of the inspection of Permit No. 1510 1, the pond was built and I was informed that it had just been constructed this year. The water from the well now flows from the well, into the waterway, to the new pond, then into the original existing pond. Water in the original pond is then pumped to irrigate the golf course.

Since the pond does not impound enough water to need a permit, that water flows through it and no water is pumped from it to irrigate, the country club should not need to apply for a permit and Permits Nos. 1510A-1 and 1510B-1 need to be cancelled.

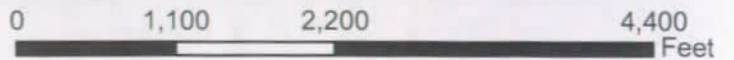
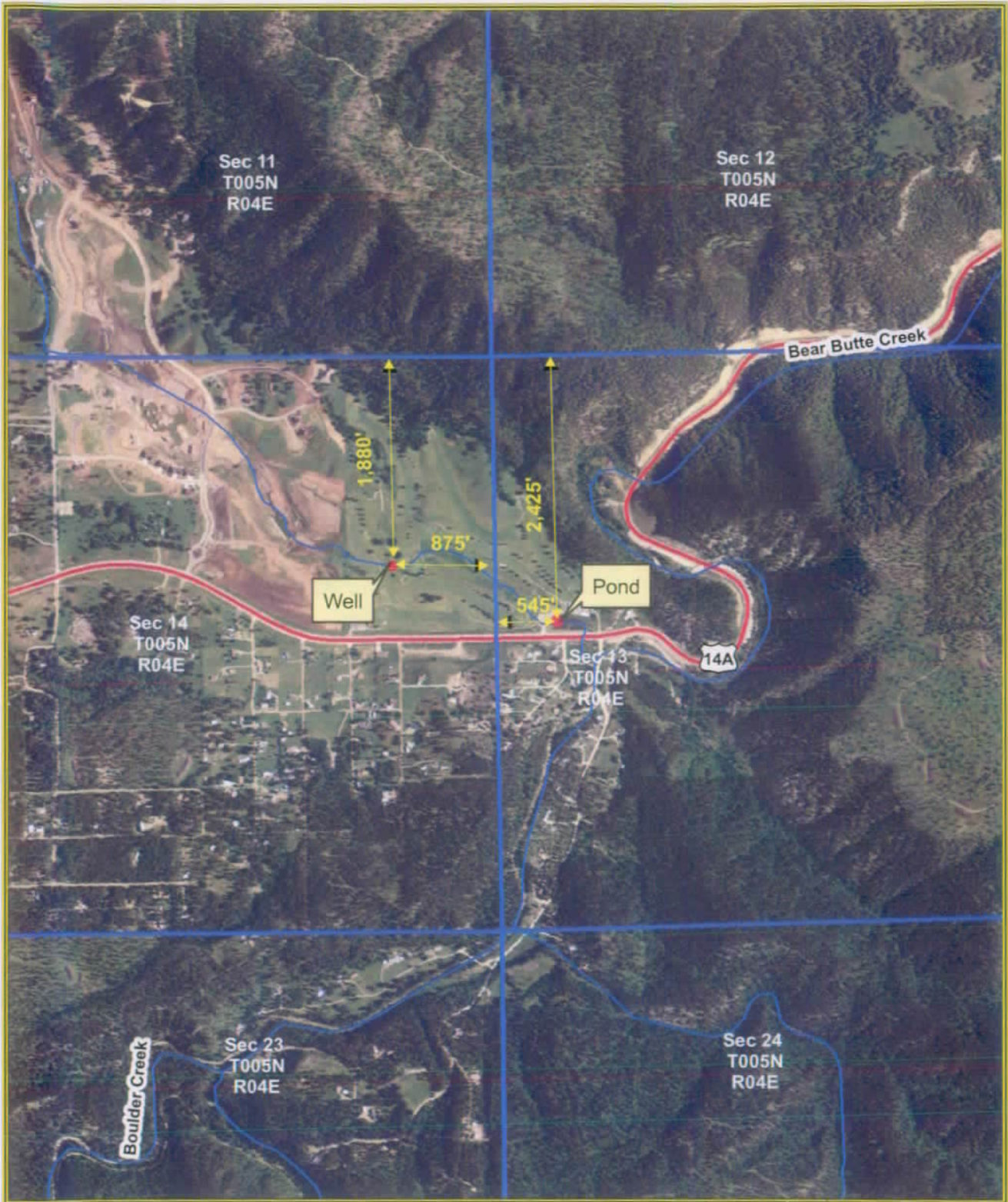
Also, Water Right No. 661-1 and Permit No. 1510-1 should be incorporated to reflect the entire system as constructed while each retaining their original priority dates of July 9, 1962 for 0.22 cfs and irrigation of 29.6 acres and February 12, 1991 for 2.42 acre-feet of storage.



Mike DeFea  
Natural Resources Engineer  
DENR, Water Rights Program

Date report completed: July 14, 2010

Water Permit No. 1510-1  
Boulder Canyon Country Club



*Mike DeFea*

Mike DeFea  
Natural Resources Engineer  
DENR, Water Rights Program  
July 14, 2010



*South Dakota*  
Department of Environment  
& Natural Resources  
Protecting SD's Tomorrow... Today



**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

JOE FOSS BUILDING  
PMB 2020  
523 EAST CAPITOL  
PIERRE SOUTH DAKOTA 57501-3182  
[www.state.sd.us/denr](http://www.state.sd.us/denr)

APR 27 2011

661-1  
1510-1

Jerry Weber  
Boulder Canyon Country Club  
PO Box 305  
Sturgis SD 57785-0305

Dear Mr. Weber:

Enclosed is Water License No. 1510-1 for Boulder Canyon Country Club. This is the final water right document completing the process of obtaining a Water Right. Included with the license is a map prepared by the staff engineer who conducted the field investigation.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 1510-1, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

The applicable portions of Water Right No. 661-1 were incorporated into Water License No. 1510-1. As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

Garland Erbele, Chief Engineer  
Water Rights Program  
(605) 773-3352

enclosures

**STATE OF SOUTH DAKOTA  
WATER LICENSE NO. 1510-1**

---

(1) Boulder Canyon Country Club, PO Box 305, Sturgis SD 57785 made Application No. 1510-1, November 21, 1990 for a water permit to impound 6.05 acre feet of water from an existing well and incidental runoff into one existing storage pond and one new pond and allow diversion from the ponds to irrigate acreage authorized under Water Right No. 661-1. The project is located in Lawrence County, South Dakota. Permit No. 1510-1, with a priority date of February 12, 1991 was approved May 1, 1991 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before May 1, 1996 and for the application to beneficial use of said water on or before May 1, 2000.

Water Right No. 661-1, with a priority date of July 9, 1962, authorizes diversion of 0.22 cubic feet of water per second from one well (Minnelusa formation) for irrigation of 29.6 acres and for use in the clubhouse. The well is no longer used for sanitary or drinking water purposes at the clubhouse. The applicable portions of Water Right No. 661-1 are incorporated into Water License No. 1510-1 to reflect the system as it was developed.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 0.22 cubic feet of water per second and impound 2.42 acre feet of water for beneficial use.

The location of the diversion points are:

- pond: 2,425 feet south and 545 feet east of the NW corner of Section 13, T5N, R4E (SW  $\frac{1}{4}$  NW  $\frac{1}{4}$ );
- well: 1,880 feet south and 875 feet west of the NE corner of Section 14, T5N, R4E (SE  $\frac{1}{4}$  NE  $\frac{1}{4}$ ).

*Note: The new pond proposed under Water Permit No. 1510-1 was not developed until after the construction period. Since the pond is small enough not to require a permit and no water is diverted from the pond, it is not included in this license. Water from the well flows into a waterway, thru the new pond and is stored in the original pond. Water is pumped from the 2.42 acre feet pond (described above) to irrigate the golf course.*

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

Section 13, T5N, R4E		Section 14, T5N, R4E	
SW $\frac{1}{4}$ NW $\frac{1}{4}$	10.5 acres	NE $\frac{1}{4}$ NE $\frac{1}{4}$	3.6 acres
		SE $\frac{1}{4}$ NE $\frac{1}{4}$	15.5 acres

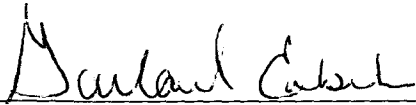
Total – 29.6 acres

(4) Pursuant to South Dakota Water Law 46-5-30.1 Boulder Canyon Country Club, PO Box 305, Sturgis SD 57785 the holder and/or owner of Incorporated Water Right No. 1510-1 is issued a license to appropriate water, the right to use 0.22 cubic feet of water per second with storage of 2.42 acre feet of water from ground water (one well – Minnelusa Formation) and incidental surface runoff with priority dates of July 9, 1962 (well) and February 13, 1991 (pond) from the locations specified in (2) of this license for irrigation purposes.

This license is subject to South Dakota Water Law and limitations or conditions listed in Incorporated Water Right No. 1510-1 and subject to the following qualifications:

- The authorized well 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.

- Approval authorizes pumping of ground water into a 2.42 acre-feet storage pond (*capacity of original pond*) as needed for irrigation.
- This Permit is approved subject to the irrigation water use questionnaire being submitted each year.



\_\_\_\_\_  
Garland Erbele, Chief Engineer  
Water Rights Program  
Department of Environment and Natural Resources

APR 27 2011

\_\_\_\_\_  
date



1510-1



DEPARTMENT of ENVIRONMENT and NATURAL RESOURCES

JOE FOSS BUILDING  
PMB 2020  
523 EAST CAPITOL  
PIERRE SOUTH DAKOTA 57501-3182  
www.state.sd.us/denr

SEP 04 2019

1510-1  
1970-1

Russ Grover  
Boulder Canyon Country Club  
PO Box 305  
Sturgis SD 57785-0305

Dear Mr. Grover:

Enclosed is Water License No. 1970-1 for Boulder Canyon Country Club. This is the final water right document completing the process of obtaining a Water Right. Included with the license is a map prepared by the staff engineer who conducted the field investigation.

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

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

Sincerely,

*Jeanne Goodman*  
Jeanne Goodman, Chief Engineer  
Water Rights Program  
(605) 773-3352

enclosures

**Note: Upon licensing, the applicable portions of Water Right No. 1510-1 were incorporated into No. 1970-1.**