

Considered: _____

WATER PERMIT/ NO. 5363-3

HAP No. same 987-2474

Name of Applicant Hiawatha Golf Club

Post Office Address E. Highway 18, Canton SD 57013

Amount of Water Claimed 0.84 cfs from dugout
0.81 cfs from well Total Acres 29

Source of Water Supply groundwater & surface runoff

Water to be used for irrigation County Lincoln

About 1 1/2 miles E of Canton

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved _____ Subject to _____

F.F. & C.L. Adopted _____ Not Approved _____ Deferred _____

PRIORITY _____ Date Received June 9, 1989 Fee \$150.00 Remarks _____

Corrected Application Received Oct 6, 1989 Period of Annual Use Mar 1 - Sept 30

WATER QUALITY APPROVAL RECEIVED 10/30/89 APPROVED/CONDITIONAL (Circle one)

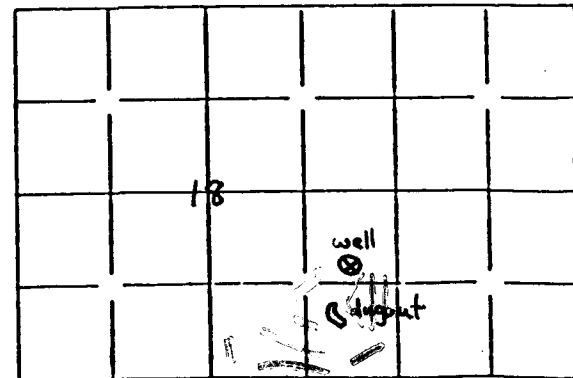
WI-1 Description same as Application YES ☒ NO _____ REMARKS _____

Diversion Point well: NE 1/4 SE 1/4; dugout:

SE 1/4 SE 1/4; all in section 18-T98N-R48W

Land to be Irrigated S 1/2 SE 1/4, NE 1/4 SE 1/4

section 18-T98N-R48W



Well Log: Driller _____ Licensed YES _____ NO _____

Depth of Well 130 feet REMARKS have copy of log for test hole

completed by the SDGS

Type of Map aerial photo PREPARED BY Robert Lehman Reviewed and the Number

assigned on November 20, 1989 By Ron Small

No. 5363-3 Hydrologic Unit 10170203
Basin Big Sioux River
Newspaper Canton Sioux Valley News, Box 255 (Thur)
57013

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

Type of Application:

- ☒ New ☐ Vested Right ☐ Amend Permit No. _____
☐ Change Acreage ☐ Change diversion point(s) ☐ Add diversion point(s)
☐ Add Acreage ☐ Increase diversion rate ☐ Other _____

Applicant Hiawatha Golf Club Phone No. 987-2474
 Post Office Address East Highway 18, Canton State SD 57013 Zip Code
 (Street, RR or Box) (City)

2. Amount of water claimed (c.f.s.) .89 (400 GPM) Total acres irrigated 29
 3. Source of Water supply ground water 1 well 366 GPM 0.81 cfs
 4. Location of point of diversion well: NE 1/4 SE 1/4 section 18-T98N-R48W
DUG-OUT: 1000 FT. N. & 1000 FT. W. OF So. E. CORNER OF SECTION
18-T98N & R-48W SE 1/4 SE 1/4 County Lincoln
 5. Counties where water will be used Lincoln
 6. Annual period during which water is to be used March 1 - September 30
 7. 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.
<u>SW 1/4 SE 1/4 SEC. 18-T98N-R48W</u>	<u>10.75</u>
<u>SE 1/4 SE 1/4 SEC. 18-T98N-R48W</u>	<u>14.00</u>
<u>NE 1/4 SE 1/4 SEC. 18-T98N-R48W</u>	<u>4.25</u>

Land Description	No. Acres Irr.

Attach sheet if more space is needed

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

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 Lincoln)^{ss}

I, Garry M. Stalheim, 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.

JACKIE J. GLENN

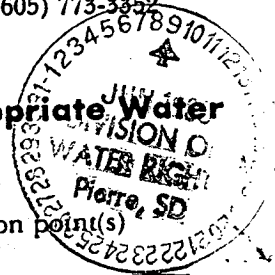
NOTARY PUBLIC
 SOUTH DAKOTA
 My Commission Expires Nov. 20, 1992

Signed

Garry M. Stalheim
9th day of August 19 89
Jackie J. Glenn
 Notary Public

(See instructions)

No. _____	Hydrologic Unit _____
Basin _____	
Newspaper _____	



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

Type of Application: ☒ New ☐ Vested Right ☐ Amend Permit No. _____
☐ Change Acreage ☐ Change diversion point(s) ☐ Add diversion point(s)
☐ Add Acreage ☐ Increase diversion rate ☐ Other _____

1. Name of Applicant HIAWATHA GOLF CLUB Phone No. 605/987-2474

Post Office Address EAST HIWAY 18 CANTON State S.DAK. Zip Code 57013
(Street, RR or Box) (City)

2. Amount of water claimed (c.f.s) _____ Total acres irrigated 29

3. Source of Water supply WELL

4. Location of point of diversion 86 RODS NORTH, 37 RODS WEST OF
SE 1/4 CORNER OF SECTION 18, 98-48

County LINCOLN

5. Counties where water will be used LINCOLN

6. Annual period during which water is to be used GOLFING SEASON - MARCH THRU SEPTEMBER

7. 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.
SE 1/4, SEC 18, 98-48	29

Land Description	No. Acres Irr.

Attach sheet if more space is needed

8. Type of Irrigation: Gravity: _____ Towline: _____ Center Pivot: _____ Gun: _____ Other: _____
UNDERGROUND LINE WITH SHOWER HEADS

9. Crops to be Irrigated: GRASS

10. Give a description of proposed project. (Attach sheet if more space is needed)
TWO (2) OPTIONS: 1) WELL TO BE CONNECTED TO PRESENT UNDER-GROUND IRRIGATION SYSTEM.

2) WELL WATER TO BE PUMPED TO EXISTING DUGOUT WHERE PRESENT PUMPING SYSTEM WILL BE USED TO IRRIGATE.

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 LINCOLN)^{ss}

I, GARRY M. STANEIN, 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 Garry M. Stanein

Subscribed and sworn to before me this 8th day of June 1989

B. M. Broderick
Notary Public

Commission Expires 5/6/91

**SOUTH DAKOTA
WATER PERMIT No. 5363-3 FOR IRRIGATION**

Date of first receipt of application June 9, 1989.

Date Soil/Water Compatibility Permit received October 30, 1989.

Date of return to applicant for corrections, amendments or changes June 13, 1989.

Date of receipt of corrected application September 11, 1989.

The Water Management Board approved Water Permit Application No. 5363-3 on March 7, 1990 for Hiawatha Golf Club, East Highway 18, Canton SD 57013 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. 5363-3 appropriates 0.41 cubic feet of water per second (cfs) from one well, 130 feet deep, to irrigate 29 acres of a golf course. Water is to be diverted from the well to the acreage or from the well to a dugout (approximately 3.4 acre-feet storage capacity) and then to the acreage at a rate of 0.41 cfs. The well is to be located in the NE1/4 SE1/4; the dugout is located in the SE1/4 SE1/4; and the acreage to be irrigated is located in the S1/2 SE1/4, NE1/4 SE1/4; all in section 18-T98N-R48W.
2. The amount of the appropriation may not exceed 2 acre feet per acre per year 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: March 1 - September 30.
3. The date from which applicant may claim right is October 30, 1989.
4. One-fifth of the construction is to be completed on or before September 7, 1992.
5. All construction is to be completed on or before March 7, 1995.
6. Water is to be put to beneficial use on or before March 7, 1999.
7. 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. 5363-3 authorizes maximum diversion of 0.41 cfs from either the well or a 3.4 acre-feet storage dugout.
2. The well authorized pursuant to this permit shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04.
3. 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.
4. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

By: _____

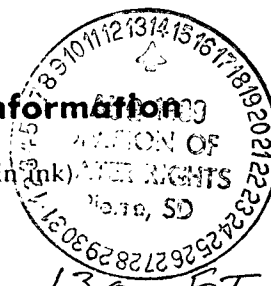
Chief Engineer, Water Rights Division
Department of Water and Natural Resources

JUN 18 1990

(date)

Supplemental Information

(type or print in ink)



1. Well Information - Proposed construction

- a) Drill Hole Diameter 12 IN Depth 130 FT
- b) Casing Type PVC Diameter 8 IN Thickness 3/8" WALL
- c) Screen Type STAINLESS STEEL Diameter 8 IN Thickness _____
- d) Gravel Pack Thickness 4 IN Length of Gravel Pack 24 FT.
- e) Depth to Top of Water Bearing Material 108 FT.
- f) Depth to Water (ground surface to water level) 95 FT
- g) Distance to nearest existing domestic well:
- On applicants property _____ On property owned by others 1100 FT

2. Dugout Information Estimates

- a) Surface Dimensions 50 FT X 500 FT Depth 10 FT.
- b) Depth to water (ground surface to water level) 2 FT

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

b) Freeboard _____

c) Crest Width _____

Crest Length _____

d) Height _____

e) Primary Outlet Capacity _____
If Pipe, diameter _____

f) Secondary Spillway Capacity _____
Spillway width _____

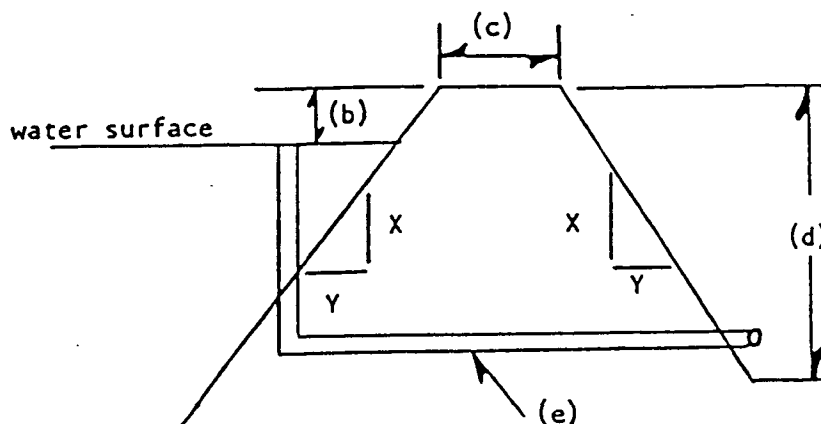
g) X & Y Slope
Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



HIAWATHA GOLF CLUB

Signature of Applicant

COUNTY: LINCOLN LOCATION: 098N-48W-18DADA
LEGAL LOCATION: NE SE NE SE SEC. 18, T. 098 N., R. 48 W.
LATITUDE: 43.1819 LONGITUDE: 96.3236
LAND OWNER:
PROJECT: LINCOLN-UNION CO. STUDY
DRILLING COMPANY: SDGS
DRILLER: T. MCCUE DRILLER'S LOG:
GEOLOGIST: R. HAMMOND GEOLOGIST'S LOG: X
DATE DRILLED: 10-04-1988 DRILLING METHOD: ROTARY
GROUND SURFACE ELEVATION: 1205.00 T
TOTAL DRILL HOLE DEPTH: 235.0 TEST HOLE NUMBER: R2-88-35
USGS HYDROLOGICAL UNIT CODE: 10170203
ELECTRIC LOG INFORMATION:
SPONTANEOUS POTENTIAL: X SINGLE POINT RESISTIVITY: X
NATURAL GAMMA: X EXTRA:
SAMPLES:

THIS HOLE WAS PLUGGED FROM 235 TO 8 FEET WITH
BENTONITE-BASED PLUGGING FLUID, FROM 8 TO 3
FEET WITH NEAT CEMENT, AND FROM 3 FEET TO
0 FEET WITH NATIVE TOPSOIL.

0	-	1.0	TOPSOIL, BLACK
1.0	-	16.0	CLAY, YELLOW-BROWN, SANDY, SILTY, PEBBLY; ABUNDANT CHALK CLASTS (TILL)
16.0	-	30.0	CLAY, GRAY, SANDY, SILTY, PEBBLY (TILL)
30.0	-	49.0	GRAVEL, COARSE, SANDY, SUBANGULAR TO SUBROUNDED
49.0	-	80.0	SILT, LIGHT-BROWN, CLAYEY (LAKE DEPOSITS?)
80.0	-	88.0	SAND, LIGHT-TAN, FINE
88.0	-	104.0	CLAY, GRAY-BROWN, SANDY; BLOCKY (TILL)
104.0	-	130.0	SAND, GREENISH-GRAY, MEDIUM; VERY CLEAN (WESTERN SAND?)
130.0	-	185.0	CLAYSTONE, GRAY-BROWN; FISSILE, HARD, SLIGHTLY CALCAREOUS (CARLILE SHALE)
185.0	-	214.0	SILTSTONE, DARK-GRAY; VERY CALCAREOUS, ABUNDANT SHELL DEBRIS (GREENHORN LIMESTONE)
214.0	-	235.0	CLAYSTONE, GRAY-BROWN, SLIGHTLY SILTY; HARD, SOMEWHAT FISSILE (GRANEROS SHALE)



RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

Pierre, June 12, 1989

RECEIVED OF Hiawatha Golf Club, East Hiway 18, Canton, SD 57013

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

Fee for Application for Permit No. <u>5363-3</u> to Appropriate Water, to construct works and to put water to beneficial use	150	00
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)	Total	150 00

By

Chief Engineer

John Hatch/mra

Department of Agriculture
WI#1
5/87

SOIL/WATER COMPATIBILITY PERMIT
Division of Conservation

Office Use Only

4419

WR#

OWNERS NAME: HIAWATHA GOLF CLUB OWNERS ADDRESS: East Highway 18,
Canton, SD 57013

COUNTY LAND LOCATED IN: Lincoln PHONE: 987-2474

LEGAL DESCRIPTION:

☒ Well

☐ Surface

1. LOCATION NE1/4 SE1/4 18-T98N-R48W
Depth Dugout: 1000' N: 1000' W of SE corner of 18-T98N-R-48W

Legal Description	Acres	Legal Description	Acres
SW1/4 SE1/4 18-T98N-R48W	10.75		
SE1/4 SE1/4 18-T98N-R48W	14.00		
NE1/4 SE1/4 18-T98N-R48W	4.25		

OTHER: **

2. TYPE OF IRRIGATION: GRAVITY: _____ TOWLINE: _____ CENTER PIVOT: _____ GUN: _____ (Specify) **
** Underground line with sprinkler heads.

3. CROPS TO BE IRRIGATED: Grass

WATER QUALITY:		89-0280 = 3.91
4. WATER SAMPLE NUMBER: <u>89-0280 & 89-0281</u>	7. ADJUSTED (SAR):	89-0281 = 6.65
89-0280 = 1150		89-0280 = 26.88%
5. SALINITY (EC X 10 ⁶): <u>89-0281 = 1150</u>	8. PERCENT SODIUM:	89-0281 = 42.05%
89-0280 = 1.60		
6. SODIUM (SAR): <u>89-0281 = 2.83</u>		

Requirements:

The well shall be within 2000' of either well sampled indicated in water sample numbers 89-0280 and 89-0281.

The area mapped as Shindler-Egan Complex, 9-15% slope, eroded, (SkD2) is subject to a severe erosional hazard and shall not be irrigated without extensive landscaping, which controls run-off and reduces the slopes and erosional hazard.

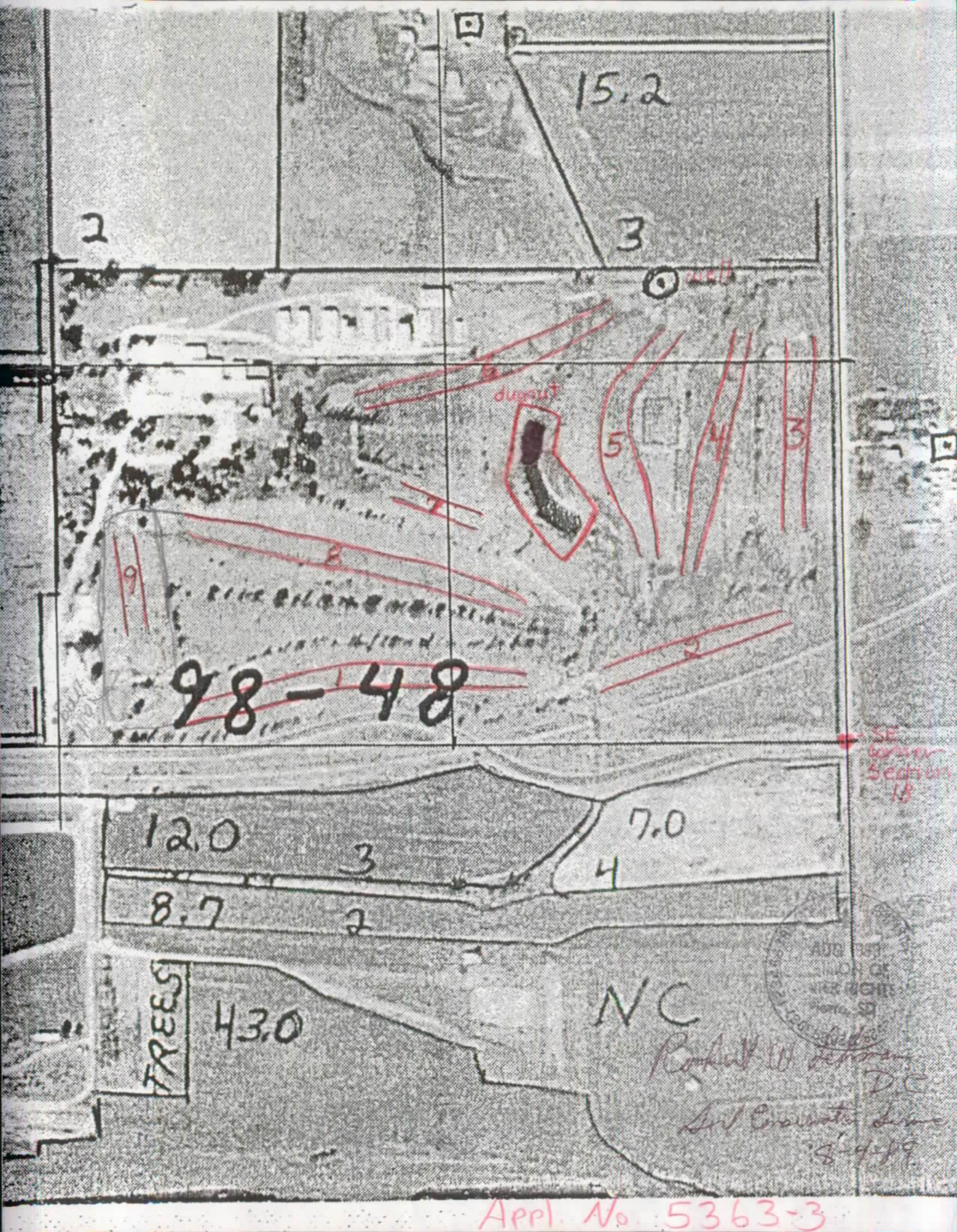
That a buffer strip along the drainageway and dugout not be irrigated to reduce erosion.

☒ APPROVED ☒ REQUIREMENTS
☐ DISAPPROVED
☐ WAIVER

Director, Division of Conservation

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

Date 10/26/87



15.2

2

3

well

dugout

5

4

3

9

8

2

~~98-48~~

SE
corner
Section
18

12.0

3

7.0

4

8.7

2

TREES

43.0

NC

Robert W. Lehman
DC

Art. Engraving done
8-4-89

Appl. No. 5363-3

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

06-16-1989

Lincoln

Name: Simunek, Roger
Address: RR 3
Canton, SD 57013

Date Rec'd JUN 13, 1989
Sample No. 89-0281
Source
Legal ID 98N 48W17

WATER ANALYSIS

Calcium (Ca)	82	ppm*	4.09	me/l**
Magnesium (Mg)	30	ppm	2.47	me/l
Sodium (Na)	118	ppm	5.13	me/l
Potassium (K)	20	ppm	0.51	me/l
Sulfate (SO4)	250	ppm	5.21	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	29	ppm	0.82	me/l
Bicarbonate (HCO3)	366	ppm	6.00	me/l
Carbonate (CO3)	0	ppm	0.00	me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Manganese (Mn)		ppm		
Boron (B)	1.55	ppm		
Hardness (EDTA as CaCO3)		ppm		g.p.g.***
Total solids		ppm		
Total Cations			12.20	me/l
Total Anions			12.02	me/l
Alkalinity (Methyl Orange)	300	ppm(as CaCO3)		
Alkalinity (Phenolphthalein)	0	ppm(as CaCO3)		
Electrical Conductivity	1150	micromhos per cm at 25 C		
Sodium Adsorption Ratio	2.83	Adjusted SAR	6.65	
Sodium	42.05	% of Cations		
Residual Sodium Carbonate	0.00	me/l		
pH	7.51			
Others:				

*ppm=parts per million

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

**me/l=millequivalents per liter

COMMENTS:

Paper work has been processed through the SD Dept. of Ag.

Analysis By: Shirley Mittan

Service Performed:

Total Cost: \$ 35.00

Amount Received: 0.00

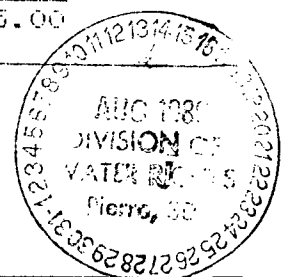
Irrigation Analysis

Balance Due: 35.00

Make checks payable to: SDSU Water Quality Lab

Please write lab number on your check

Lab No. 89-0281



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

06-16-1989

Lincoln

Name: DeJong, Conky
Address: Rt. 3
Canton, SD 57013

Date Rec'd JUN 13, 1989
Sample No. 89-0280
Source
Legal ID 98N 48W12

WATER ANALYSIS

Calcium (Ca)	106	ppm*	5.29	me/l**
Magnesium (Mg)	40	ppm	3.29	me/l
Sodium (Na)	76	ppm	3.30	me/l
Potassium (K)	16	ppm	0.41	me/l
Sulfate (SO4)	308	ppm	6.41	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	16	ppm	0.45	me/l
Bicarbonate (HCO3)	354	ppm	5.80	me/l
Carbonate (CO3)	0	ppm	0.00	me/l
Iron (Fe)		ppm		me/l
Flouride (F)		ppm		me/l
Manganese (Mn)		ppm		
Boron (B)	1.02	ppm		
Hardness (EDTA as CaCO3)		ppm		g.p.g.***
Total solids		ppm		
Total Cations			12.29	me/l
Total Anions			12.66	me/l
Alkalinity (Methyl Orange)	290	ppm(as CaCO3)		
Alkalinity (Phenolphthalein)	0	ppm(as CaCO3)		
Electrical Conductivity	1150	micromhos per cm at 25 C		
Sodium Adsorption Ratio	1.60	Adjusted SAR	3.91	
Sodium	26.88	% of Cations		
Residual Sodium Carbonate	0.00	me/l		
pH	7.32			

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

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

COMMENTS:

Paper work has been processed through the SD Dept. of Ag.
Analysis By: Shirley Mittan

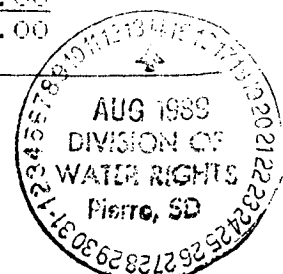
Service Performed:
Irrigation Analysis

Total Cost: \$ 35.00
Amount Received: 0.00
Balance Due: 35.00

Make checks payable to: SDSU Water Quality Lab

Please write lab number on your check!

Lab No. 89-0280



Well Location

⊙ = Well

86 rods North

37 rods West

of SE $\frac{1}{4}$ corner of section

18, 98-48, Lincoln County.

Robert W. Lehman

District Conservationist

Soil Conservation Service

3-3-89



□ = WATER SAMPLES



Department of Water & Natural Resources

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

June 13, 1989

Hiawatha Golf Club
c/o Garry Stalheim
East Highway 18
Canton SD 57013

Dear Mr. Stalheim:

This letter is in response to the golf course water permit application received on June 9, 1989. The following information is needed to complete the permit application:

- 1) The application indicates that the proposed well is to be used in addition to the existing golf course irrigation system (dugout). No permit could be located for the existing irrigation system; therefore, the existing system needs to be included on this application. Please specify any additional water sources and the location of the diversion points on the enclosed applications (question Nos. 3 and 4). Information regarding the dugout also needs to be included on the enclosed Form 2A's with an estimate of the storage capacity.
- 2) The location of the dugout and any other other water sources also need to be shown on the enclosed aerial photo. The irrigated area also needs to be outlined. The aerial photo needs to be signed according to directions on the enclosed instruction sheet after the additions have been completed.
- 3) The proposed pumping rate from the well and from the existing dugout need to be specified individually on the permit application (question No. 2)
- 4) A test hole log signed by a South Dakota licensed well driller also needs to be submitted with the water permit application (see enclosed instruction sheet).
- 5) A water analysis of the surface water source may be needed for purposes of obtaining a soil/water compatibility permit. Contact Jim Stukel, Division of Conservation, to determine if a surface water analysis is needed (605 773-3259).

The water permit application can not be processed until the application is complete. The completed application will be considered by the Water Management Board upon approval of the soil/water compatibility permit by the Department of Agriculture. Please contact me if you have any questions.

Sincerely,

Ron Duvall
Natural Resources Engineer
605 773-3352





Department of Water & Natural Resources

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

July 12, 1989

Hiawatha Golf Club
c/o Garry Stalheim
Box 218
Canton SD 57013

Dear Mr. Stalheim:

This letter is in response to our phone conversation on July 11, 1989 regarding the water permit application for the Hiawatha Golf Club.

Enclosed is a copy of my letter dated June 13, 1989. The June 13, 1989 letter also included the original applications which needed to be completed. I assume all the information has been lost and have included new partially completed applications. The new applications need to be completed and also need to be signed and notarized.

Please respond to the information requested in the June 13 letter and also give a brief description of the proposed plan of operation for the irrigation system. If you have any questions, please contact me.

Sincerely,

A handwritten signature in cursive script, reading "Ron Duvall".

Ron Duvall
Natural Resources Engineer
605 773-3352

enc.



8-4-89



Dugout location is 1510 feet north and
1890 feet west of South East corner of
section 18, T-98-N and R-48W in
Lincoln County.

Robert W. Lehman
District Conservationist
Soil Conservation Service

9/7/89

Dugout location is 1000 feet west and
1000 feet north of the south east corner of
section 18, T-98-N and R-48-W in Lincoln
County.

Robert W. Lehman
D.C.
S.C.S.



August 10, 1989

Dept. of Water & Natural Resources
Joe Foss Building
523 East Capitol
Pierre, S.D. 57501-3181

ATTN: Ron Duvall

Dear Sir:

Irrigation water is presently drawn from dugout, (located within red square on map) and pumped through single run irrigation system.

The dugout was constructed in 1970 but we are unable to find any paperwork pertaining to such.

Hiawatha Golf Club Board members voted to install new underground irrigation system, depleting present system.

A Double Run of underground pipe would be installed as shown in red on the attached map.

If sufficient water cannot be supplied from well pumping directly into watering system, water will be pumped into dugout, which will reservoir ample supply for watering.

Sincerely,

Garry M. Stalheim
Hiawatha Golf Club
P.O. Box 218
Canton, S.D. 57013

djs



Department of Water & Natural Resources

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



August 21, 1989

Hiawatha Golf Club
c/o Garry Stalheim
East Highway 18
Canton, SD 57013

Dear Mr. Stalheim:

This letter is in response to the water permit application received from you on June 9 and August 10, 1989. There are still several items that need to be completed before your application can be processed:

- (1) The proposed pumping rate from the well and from the existing dugout need to be specified individually under question No. 2 on the enclosed permit application (see enclosed copy of June 13, 1989 letter - No. 3).
- (2) The number of acres in each quarter-quarter section (question No. 7) needs to be completed:

SW1/4 SE1/4 Section 18-T98N-R48W-----	<u>39.5</u>	acres
SE1/4 SE1/4 Section 18-T98N-R48W-----	<u>38.25</u>	acres
NE1/4 SE1/4 Section 18-T98N-R48W-----	<u>9.25</u>	acres

- (3) If the location of the dugout is as shown on the map between fairway no.s 7 and 5, the location as described on the permit application is incorrect. The location of the dugout as indicated on the map, is approximately 1000 feet north and 1000 feet west of the SE corner of Section 18-T98N-R48W. There is no dugout indicated on the map as you have it described. Please clarify the correct location of the dugout.

The Water Management Board cannot consider a water permit application until it is complete. Please respond to the above items to initiate the processing of your water permit application.

Feel free to contact me if you have any questions.

Sincerely,

Susan A. Bowar
Natural Resources Engineer
Water Rights Division
(605) 773-3352

enc.



Department of Water & Natural Resources

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



September 19, 1989

Hiawatha Golf Club
c/o Garry Stalheim
East Highway 18
Canton, SD 57013

Dear Mr. Stalheim:

This letter is in reference to the permit application received from you on August 10, 1989 and the corrections received from you on September 11, 1989. There is still one item that must be addressed before the processing of your application can begin:

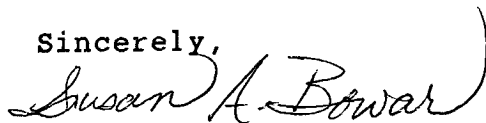
You have indicated that the number of acres to be irrigated in each quarter-quarter section (question no. 7 on the enclosed application form) is:

	TOTAL ACRES	ACRES IRR.
SW1/4 SE1/4 Section 18-T98N-R48W-----	39.5 acres	10.75
SE1/4 SE1/4 Section 18-T98N-R48W-----	38.25 acres	14.00
NE1/4 SE1/4 Section 18-T98N-R48W-----	9.25 acres	4.25

for a total of 87 acres. The total number of acres to be irrigated as described under question no. 2 on the enclosed application form is 29. The total number of acres to be irrigated indicated in question nos. 2 and 7 should correspond. Please make the necessary corrections on your application. The \$150 application fee received from you on June 12, 1989 is adequate for irrigation of up to 60 acres (see enclosed instruction sheet). If the correct number of acres to be irrigated is 87, the correct fee is \$225.

Feel free to contact us if you have any questions.

Sincerely,



Susan A. Bowar
Natural Resources Engineer
Water Rights Division
(605) 773-3352

enc.

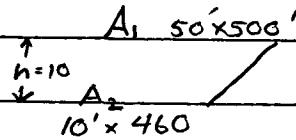


Conversation or File Documentation

NAME OF PERSON OR FILE: Hiawatha Golf ClubADDRESS: E Hwy 18, Canton COUNTY DATE: 11/20/89 TELEPHONE RE: Estimate of Dugout Storage

COMMENTS:

$$V \approx \left(\frac{A_1 + A_2}{2} \right) H$$



$$V \approx 3.4 \text{ acre-ft}$$

Assume 2:1 slope

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

REPORT ON APPLICATION NO. 5363-3
Hiawatha Golf Club
December 1, 1989

This application proposes to appropriate 0.81 cubic feet of water per second (cfs) from one well (Pleistocene series-unknown) 130 feet deep to irrigate 29 acres of a golf course. Water is to be diverted from the well to the acreage or from the well to a dugout (approximately 3.4 acre-feet storage capacity) and then to the acreage at a rate of 0.89 cfs. The well is to be located in the NE1/4 SE1/4; the dugout is located in the SE1/4 SE1/4; and the acreage to be irrigated is located in the S1/2 SE1/4, NE1/4 SE1/4; all in section 18, T98N, R48W, Lincoln County, South Dakota.

DISCUSSION

The Hiawatha Golf Club has been drawing water for irrigation from a dugout that was constructed in 1970. A new underground sprinkler system is to be installed and more water than what is collected in the dugout will be needed to irrigate the golf course. A well will be installed to supply the irrigation water. However, if the well cannot supply water at an adequate diversion rate to operate the system, water will be pumped from the well to the dugout. It will be stored in the dugout and then utilized by the irrigation system when needed at a proposed diversion rate of 0.89 cfs (400 GPM). Based upon the 29 acres of irrigation, the maximum diversion rate should be 0.41 cfs (186 gpm). The dugout has an estimated storage capacity of 3.4 acre-feet with a depth of 10 feet. At the time the application was submitted, the depth was only 8 feet with an estimated storage of 2.1 acre-feet. This dugout will collect a minor amount of water from precipitation events, but with no water being diverted to the dugout by the well, the dugout (even if full) would be pumped dry within a week. The storage volumes are approximations only as there is little information (other than size estimates) on how the dugout was constructed.

AQUIFER Pleistocene Series-unnamed (PS:U)

AQUIFER INFORMATION AND CHARACTERISTICS

The well log submitted with application No. 5363-3 is a test hole for the Lincoln-Union County Study being conducted by the South Dakota Geological Survey. A synopsis of the well log that is of interest is as follows:

0-30 feet	till
30-49 feet	gravel, coarse, sandy (Big Sioux-South Aquifer)
49-80 feet	silt (lake deposits?)
80-88 feet	sand, light-tan, fine
88-104 feet	till
104-130 feet	sand, greenish-gray, medium; very clean (Western Sand?)

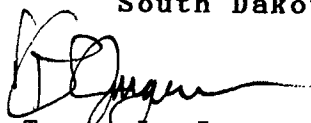
The proposed well construction is for a well 130 feet deep which will draw water from the sand layer at 104 to 130 feet below ground surface. This formation (as yet unnamed) is pre-glacial in origin and is composed primarily of fluvial materials. It is discontinuous in some areas and has areas of local recharge where the formation outcrops or is covered only by loess (Hammond, in preparation). Very little other information is now available on this formation thus preventing the determination of its areal extent, potential water storage, potential pumping rates, or present users in the formation.

REVIEW OF AREA WATER RIGHTS

There are no known irrigation permits in the formation that is proposed for use by Application No. 5363-3. There may be domestic wells in the area that draw water from this formation, but there are no records available to substantiate this assumption.

CONCLUSIONS

1. The source of ground water for Application No. 5363-3 is a Pleistocene sand and gravel (PS:U) and the amount of water in storage has not been quantified.
2. The irrigation system may use either the well or a dugout as its diversion point.
3. If approved, Application No. 5363-3 should not have any adverse affect on existing water users.
4. It is recommended that application No. 5363-3 be approved for a diversion rate of 0.41 cfs (186 gpm) from either the well or the dugout, to irrigate 29 acres.
5. Application No. 5363-3 should be approved subject to completion of the yearly irrigation questionnaire.
6. The proposed well must be constructed in accordance with South Dakota Well Construction Standards (ARSD 74:02:04).



Terry L. Jorgensen
Natural Resources Engineer
Division of Water Rights

Approved by:



Gale N. Selken, P.E.
Natural Resources Engineer IV

REFERENCES

Division of Water Rights, 1989, Observation Well Files, DWNR,
Division of Water Rights, Joe Foss Building, Pierre, SD.

Division of Water Rights, 1988, Irrigation Report by Aquifer,
DWNR, Division of Water Rights, Joe Foss Building, Pierre,
SD.

Hammond, Richard, In preparation, Lincoln-Union County Study,
DWNR, Division of Geological Survey, Vermillion, SD.

Hedges, L.S, Burch, S.L., Iles, D.L., Barari, R.A., 1982,
Evaluation of Groundwater Resources in Eastern South Dakota
and Upper Big Sioux River, South Dakota and Iowa, U.S. Army
Corps of Engineers contract No. DACW 45-80-C0185, DWNR,
Office of Geological Survey, Vermillion, SD.

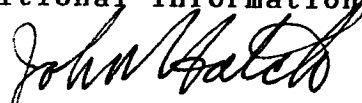
RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5363-3, Hiawatha Golf Club

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. 5363-3, Hiawatha Golf Club, East Highway 18, Canton SD.

The Chief Engineer is recommending APPROVAL of Application No. 5363-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) in the public interest with the following qualifications:

1. Approval of Permit No. 5363-3 authorizes maximum diversion of 0.41 cfs from either the well or a 3.4 acre-feet storage dugout.
2. The well authorized pursuant to this permit shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04.
3. 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.
4. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

See the attached report for additional information.



JOHN HATCH, Chief Engineer
December 1, 1989



Department of Water & Natural Resources

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

January 9, 1990

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

Garry M. Stalheim
Hiawatha Golf Club
East Highway 18
Canton, SD 57013

Dear Mr. Stalheim:

Water Permit Application No. 5363-3 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 Canton Sioux Valley News printed at Canton SD. For your information, a copy of the notice is enclosed. Copies of the report and the Chief Engineer's recommendation are also 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 Intent to Appropriate Water 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. We must receive Proof of Publication before the application can be considered by the Water Management Board.

Sincerely,

Ron Duvall
Natural Resources Engineer
605 773-3352

enclosures





Department of Water & Natural Resources

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

January 9, 1990

Canton Sioux Valley News
Box 255
Canton, SD 57013

ATTN: Legal Publications:

Enclosed is a Notice of Hearing on Application No. 5363-3 to be published twice. Please publish the first notice on or before January 18, 1990 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 Garry M. Stalheim, Hiawatha Golf Club, East Highway 18, Canton, SD 57013.

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. The permit application cannot be considered by the Water Management Board until proof of publication has been received.

Sincerely,

Ron Duvall
Natural Resources Engineer
605 773-3352

enclosures

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

FIRST TRANSMITTAL NOTICE

TO: Ron Duvall
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 or before January 18, 1990 with 2nd publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 5363-3 to Appropriate Water

Notice is given that the Hiawatha Golf Club, East Highway 18, Canton SD 57013 has filed an application for a water permit to appropriate 0.81 cubic feet of water per second (cfs) from one well 130 feet deep to irrigate 29 acres of a golf course. Water is to be diverted from the well to the acreage or from the well to a dugout (approximately 3.4 acre-feet storage capacity) and then to the acreage at a rate of 0.89 cfs. The well is to be located in the NE1/4 SE1/4; the dugout is located in the SE1/4 SE1/4; and the acreage to be irrigated is located in the S1/2 SE1/4, NE1/4 SE1/4; all in Section 18-T98N-R48W.

Pursuant to SDCL 46-2A-2, the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 5363-3 for 0.41 cfs because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water and 4) it is in the public interest. This application will be considered by the Water Management Board in the Roosevelt - Jefferson Room, Howard Johnson, 2211 LaCrosse, Rapid City, SD on March 7, 1990 at 10:00 am. 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.

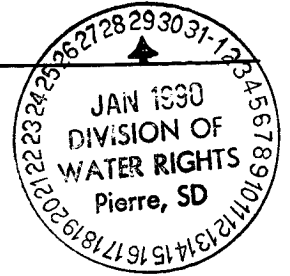
Any interested person that intends to participate in the hearing before the Board by presenting evidence or cross-examining witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and Chief Engineer by February 23, 1990. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)". 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 legal counsel if legal counsel is obtained. The applicant need not file a petition. Contact the Water Rights Division to request information on this application or to assure access to the hearing by the handicapped.

This hearing is an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer. 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. The time of the hearing will also be automatically delayed for at least twenty days upon written request to the Chief Engineer from the applicant or a petitioner. The request for a delay must be received by February 23, 1990.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 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; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) ss.
 County Lincoln)



I, Sandra Lundstrom
 certify that the attached printed Notice was taken
 from the Sioux Valley News

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

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

January 18, 1990

January 25, 1990

Sandra Lundstrom
 (Signature)

Bookkeeper
 (Title)

January 25th, 1990
 (Date Signed)

Cost of Printing: \$36.32

NOTICE OF HEARING ON APPLICATION NO. 5363-3 TO APPROPRIATE WATER

Notice is given that the Hiawatha Golf Club, East Highway 18, Canton, South Dakota 57013 has filed an application for a water permit to appropriate 0.81 cubic feet of water per second (cfs) from one well 130 feet deep to irrigate 29 acres of a golf course. Water is to be diverted from the well to the acreage or from the well to a dugout (approximately 3.4 acre-feet storage capacity) and then to the acreage at a rate of 0.89 cfs. The well is to be located in the NE1/4 SE1/4; the dugout is located in the SE1/4 SE1/4; and the acreage to be irrigated is located in the S1/2 SE1/4, NE1/4 SE1/4; all in Section 18-T98N-R48W.

Pursuant to SDCL 46-2A-2, the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 5363-3 for 0.41 cfs because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water and 4) it is in the public interest. This application will be considered by the Water Management Board in the Roosevelt-Jefferson Room, Howard Johnson, 2211 LaCrosse, Rapid City, South Dakota on March 7, 1990 at 10:00 a.m. 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 interested person that intends to participate in the hearing before the Board by presenting evidence or cross-examining witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and Chief Engineer by February 23, 1990. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 East Capital, Pierre, South Dakota 57501 (605-773-

3352)". 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 legal counsel if legal counsel is obtained. The applicant need not file a petition. Contact the Water Rights Division to request information on this application or to assure access to the hearing by the handicapped.

This hearing is an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer. 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. The time of the hearing will also be automatically delayed for at least twenty days upon written request to the Chief Engineer from the applicant or a petitioner. The request for a delay must be received by February 23, 1990.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 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; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.
(1-18, 25)



Department of Water & Natural Resources

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

JUN 18 1990

Hiawatha Golf Club
c/o Garry Stalheim
East Highway 18
Canton SD 57013

Dear Mr. Stalheim:

Enclosed is Water Permit No. 5363-3 as approved by the Water Management Board authorizing you to construct 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,

A handwritten signature in dark ink, appearing to read "John Hatch".

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.

PLEASE FILL OUT AND RETURN
BEFORE DECEMBER 20, 1991

OCTOBER 1991 WATER MANAGEMENT BOARD IRRIGATION QUESTIONNAIRE

5363-3
HIAMATHA GOLF CLUB
EAST HWY 18
CANTON
SD 57013

1. SURFACE WATER _____ GROUNDWATER X
2. Did you irrigate during 1991? Yes X No _____
3. Number of acres irrigated in 1991 17
4. Has your system been constructed? Yes X No _____
5. Do you apply fertilizer, insecticide or herbicide through your irrigation system? Yes _____ No X
6. If no, do you apply above chemicals by other methods? Yes X No _____
7. If yes, please describe under comments.

LN/SR

S

Telephone No. (605) 987-2474

Type of Power	No. of acres Irrigated
1. Electric	17
2. Gravity	
3. Gasoline	
4. Nat. Gas pipeline	
5. Diesel	
6. Propane	
7. Other	
Type of System	
1. Hand moved sprinklers	
2. Portable booms	
3. Center pivots (# of)	
4. Gated pipes	
5. Sidewheels	
6. Towlines	
7. Big gun	
8. Siphons	
9. Flood	
10. Other	17

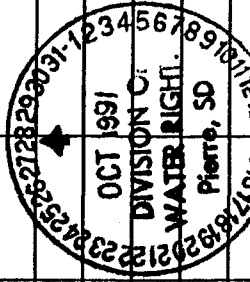
Automatic sprinkler's
Owner or address change, if any:

Month	# days pumped	Average # hours per day	Average pump rate (gpm)	Acres of Crop Irrigated & Estimated Water Use			
				Crop	Acres	Water Used	Water Used
April							
May							
June							
July							
August							
Sept.							
Oct.							
Other Months							

COMMENTS:

use granular fertilizers, insecticides, and herbicides also fungicides through a cyclone spreader: use of herbicides through a sprayer

Complete & return to:
Water Rights Division
Joe Foss Building
523 E Capitol
Pierre SD 57501-3181





GREAT FACES. GREAT PLACES.

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

October 29, 1991

5363-3

Hiawatha Golf Club
East Why 18
Canton, SD 57013

Dear Sirs:

Enclosed is your 1991 irrigation questionnaire and a blank form for completion. We are unable to calculate the amount of water used with the information you provided.

On the blank form, please provide "number of days pumped", "average number of hours per day", and "average pump rate (gpm)". With those columns completed, the water used column can be calculated here in our office.

Water Permit No. 5363-3 contains a qualification that requires completion and return of the yearly irrigation questionnaire. Please complete the enclosed form and return it prior to December 20, 1991.

I have enclosed a postage paid envelope for your convenience in returning the irrigation questionnaire. If you have any questions, please contact me.

Sincerely,

Genny McMath
Natural Resources Analyst
(605) 773-3352

enclosures



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

HIAWATHA GOLF CLUB
EAST HWY 18
CANTON SD 57013

NOTICE

RE: Violation of Water Permit No(s) 5363-3

Our records indicate that the 1991 Irrigation Questionnaire has not been submitted for Permit No(s) 5363-3. The request for the Questionnaire was dated October 18, 1991. The Water Management Board has directed that owners of water permits who have not submitted the 1991 Irrigation Questionnaire be given notice of permit violation and a hearing to be held by the Board. The hearing held by the Board will determine the action to be taken for violation of Water Permit No(s) 5363-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at 9:15 am, March 4, 1992, in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol, 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 SDCL 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 5363-3 in accordance with applicable provisions of SDCL 46-1-12;
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 4th hearing date, you will no longer be in violation of your permit and your name will be deleted from the Board agenda.

Very truly yours,

Ron Duvall, Natural Resources Engineer IV
Water Rights Division
605 773-3352

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

HIAWATHA GOLF CLUB
EAST HWY 18
CANTON, SD 57013

4a. Article Number

P 906 557 767

4b. Service Type

- ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

JAN 30 1992

5. Signature (Addressee)

Don Chaussee

6. Signature (Agent)

8. Addressee's Address (Only if requested and fee is paid)



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 12, 1992

5363-3

Dihl Bult, President
Hiawatha Golf Club
E Hwy 18
Canton, SD 57013

Dear Mr. Bult:

I am writing to acknowledge receipt of your 1991 irrigation questionnaire for Water Permit No. 5363-3. You may disregard the January 27, 1992, Notice of failure to submit the 1991 irrigation questionnaire. The questionnaire was received prior to the Water Management Board meeting and your name was deleted from the agenda.

If you have any questions, please contact me at (605) 773-3352.

Sincerely,

Genny McMath
Natural Resources Analyst
Water Rights Division



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

HIAWATHA GOLF CLUB
EAST HWY 18
CANTON SD 57013

NOTICE

RE: Violation of Water Permit No(s) 5363-3

Our records indicate that the 1993 Irrigation Questionnaire has not been submitted for Permit No(s) 5363-3. The request for the Questionnaire was dated October 18, 1993. The Water Management Board has directed that owners of water permits who have not submitted the 1993 Irrigation Questionnaire be given notice of permit violation and a hearing to be held by the Board. The hearing held by the Board will determine the action to be taken for violation of Water Permit No(s) 5363-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at 8:45 am, April 6, 1994, at the Golden Hills Resort, 900 Miners Ave, Lead, 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 SDCL 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 5363-3 in accordance with applicable provisions of SDCL 46-1-12;
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 on/or before April 1, 1994, you will no longer be in violation of your permit and your name will be deleted from the Board agenda.

Very truly yours,

Ron Duvall, Natural Resources Engineer IV
Water Rights Division
605 773-3352

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☒ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

**HIAWATHA GOLF CLUB
EAST HWY 18
CANTON SD 57013**

4a. Article Number

P837692614

4b. Service Type

- | | |
|---|---|
| ☐ Registered | ☐ Insured |
| ☒ Certified | ☐ COD |
| ☐ Express Mail | ☐ Return Receipt for Merchandise |

7. Date of Delivery

2-17

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

M. M. Way

PS Form 3811, December 1991 ☆ U.S.G.P.O. : 1992-307-530

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

March 14, 1994

5363-3

Scott Richmond
Hiawatha Golf Club
E Hwy 18
Canton, SD 57013

Dear Mr. Richmond:

I am writing to acknowledge receipt of your 1993 irrigation questionnaire. The questionnaire was completed for you following our March 7, 1994 telephone conversation. You may disregard the February 16, 1994, **Notice of Violation of Water Permit No. 5363-3.**

The questionnaire was completed and on file in our office prior to the Water Management Board meeting and your name has been deleted from the agenda. As we discussed, next year's questionnaire will be sent in-care-of Clair Guard.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Environmental Scientist
Water Rights Division
(605) 773-3352

Permit No. 5363-3
Big Sioux 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, July 22, 1997 made a thorough examination of the water use system constructed by Hiawatha Golf Course of East Highway 18, Canton SD 57013 holder of Permit No. 5363-3, bearing the priority of October 30, 1989 authorizing the diversion of 0.41 cu. ft. per second and/or the storage of 3.4 acre-feet of the waters of surface runoff and springs for irrigation purposes, in Lincoln County.

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

A. Works used to divert the water:

Dugout 75' x 300' with a storage capacity of 3.4 acre feet, Gorman - Rupp pump model no. VG3C3-B and a 400 gpm capacity and a General Electric motor model no. 65BC02JP3 rated at 75 hp.

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

25 feet of 6 inch PVC pipe from the dugout to the pump house and 4 inch to 2 inch PVC pipe along the fairways.

C. Works used to apply water to beneficial use:

TORRO automatic sprinkler system with 10 heads at 48 gpm each.

The system is in the following condition good. The point of diversion is located 1000' W and 850' N of the SE corner Section 18, T98N, R48W. The works are capable of diverting and conveying to the place of use 400 cu. ft. per second of water and/or storing 3.4 acre-feet of water which is to be used for irrigation. Water has been put to beneficial use to the maximum extent as follows: 0.89
(5)

Section 18, T98N, R48W:

NE $\frac{1}{4}$ SE $\frac{1}{4}$ 4 acres

SW $\frac{1}{4}$ SE $\frac{1}{4}$ 11 acres

SE $\frac{1}{4}$ SE $\frac{1}{4}$ 14 acres

comprising a total of 29 acres of land and the license should be issued for 0.41 cfs and/or 3.4 acre-feet of storage. Applicable permit qualifications have been complied with: yes

Comments: The well under this permit was not constructed.

Lynn Beck
Lynn Beck
Natural Resources Engineer
DENR, Water Rights Program

8-14-97
Date

REPORT ON INSPECTION OF PERMIT NO. 5363-3

DATE OF INSPECTION: 7-22-97

Other permit(s) associated with the project: NONE

NAME & ADDRESS OF INSPECTION CONTACT: Jim Elling

RELATIONSHIP TO PERMIT HOLDER, IF APPLICABLE: Course Superintendent

NAME & ADDRESS OF PERMIT HOLDER: Hiawatha Golf Course, East Hwy. 18, Canton SD 57013

DIVERSION POINT LEGAL LOCATION: SE¹/₄ SE¹/₄ Section 18, T98N, R48W 1000' W and 850' N of the SE corner Section 18.

Pump:

- 1) Make Gorman - Rupp
- 2) Model VG3C3-B
- 3) Size #
- 4) Capacity 480 GPM

Motor:

- 1) Make General Electric
- 2) Model No. 65BC02JP3
- 3) Horsepower rating 75 hp

DISTRIBUTION LINES OR CANALS:

- 1) Type PVC 2) Size 6 inches 3) Length 25 feet
- 1) Type PVC 2) Size 4 to 2 inches 3) Length along fairways

SYSTEM TYPE: TORRO automatic sprinkler system with 10 heads, 48 gpm each. Run a max of 8 heads at a time at 400 gpm.

CHEMIGATION EQUIPMENT:

- 1) Does chemigate no

DUGOUT INFORMATION:

- 1) Maximum depth 15 feet
- 2) Dugout width 75 feet
- 3) Dugout length 300 feet
- 6) Spillway length 25 feet
- 7) Spillway width 25 feet
- 8) Approximate storage 3.4 ac-ft

PERMIT QUALIFICATIONS AND REGULATIONS:

- 1) Special qualifications to permit being abided by yes
- 2) All structures, wells and lands on map yes
- 3) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period yes



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

August 26, 1997

5363-3

Hiawatha Golf course
%Jim Elling, Course Superintendent
East Highway 18
Canton, SD 57013

Dear Mr. Elling:

The investigation of your water use system, including the extent of application of water to beneficial use, as developed under Water Permit No. 5636-3, has been completed. Your final water right document, the Water License, can now be issued.

Statutes require that we charge a \$50.00 fee for the investigation and issuance of the Water License. Upon receipt of the \$50.00 fee from you, we will begin processing your Water License.

**Please remit fee to:
Department of Environment & Natural Resources
Water Rights Program
523 E. Capitol
Pierre, SD 57501-3181**

Sincerely,

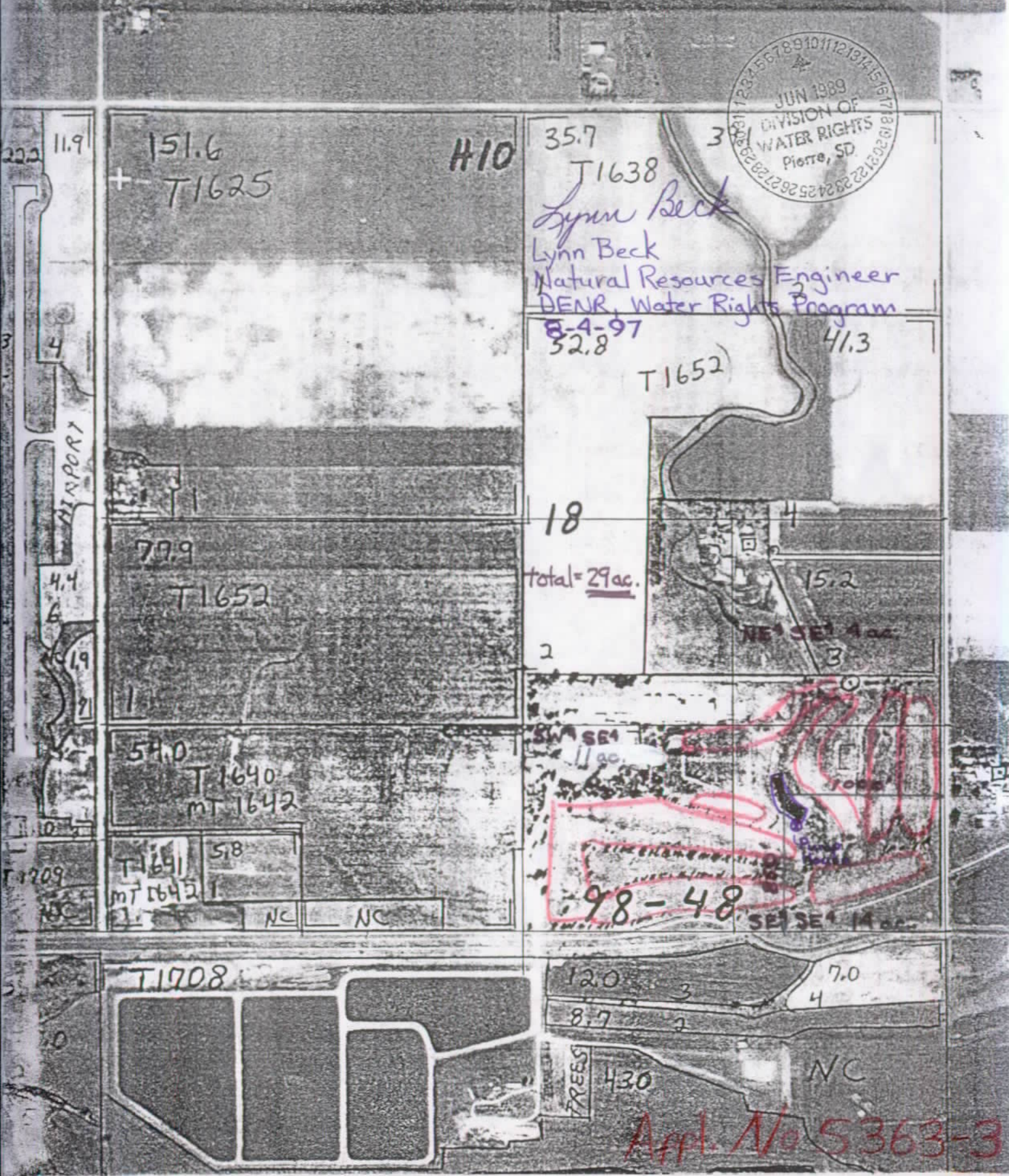
Cheryl F. Frost
Secretary
Water Rights Program
(605) 773-3352

NOTE: On check or money order, please specify your permit number. This will insure proper handling of the fee.

12345678910111213141516171819202122232425262728293031

JUN 1989

DIVISION OF
WATER RIGHTS
Pierre, SD



RECEIPT

415473

Division of Water Rights

South Dakota Department of Environment and Natural Resources

Pierre, _____ September 24, 19 97

RECEIVED OF Hiawatha Golf Club, P.O. Box 262, Canton, SD 57013

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use _____		
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. <u>5363-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	50 00

By John Hatcher 
Chief Engineer

STATE OF SOUTH DAKOTA
WATER LICENSE NO. 5363-3

(1) Hiawatha Golf Club, PO Box 262, Canton SD 57013-0262 made Application No. 5363-3, June 9, 1989 for a water permit to divert 0.41 cubic feet of water per second from groundwater (one well) or from a 3.4 acre-feet dugout, Lincoln County, South Dakota for irrigation purposes. Permit No. 5363-3, with a priority date of October 30, 1989 was approved March 7, 1990 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before March 7, 1995 and for the application to beneficial use of said water on or before March 7, 1999.

An investigation of the water use system found the well authorized by this permit was not constructed. The water license is being issued for the dugout only.

(2) It is certified that the applicant 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 store 3.4 acre-feet of water in a dugout for beneficial use. The location of the dugout is 1,000 feet west and 850 feet north of the southeast corner Section 18-T98N-R48W (SE 1/4 SE 1/4).

(3) The applicant 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 18-T98N-R48W	NE 1/4 SE 1/4	4 acres
	SW 1/4 SE 1/4	11 acres
	SE 1/4 SE 1/4	14 acres
Total		29 acres

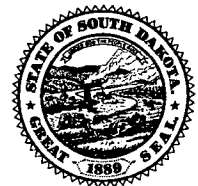
(4) Pursuant to South Dakota Water Law 46-5-30.1 Hiawatha Golf Club, PO Box 262, Canton SD 57013 the holder and/or owner of Water Permit No. 5363-3 is issued a license to divert 0.41 cubic feet of water per second from a 3.4 acre-feet dugout with a priority date of October 30, 1989 from the location specified in (2) of this license. The water to be conducted to and upon lands specified in (3) of this license for the purpose of irrigation. This license is subject to any limitations or qualifications listed in Water Permit No. 5363-3 and subject to South Dakota State Law.



JOHN HATCH, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

NOV 12 1997

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

NOV 12 1997

5363-3

Hiawatha Golf Club
%Jim Elling, Superintendent
P.O. Box 262
Canton, SD 57013

Dear Mr. Elling:

Enclosed is Water License No. 5636-3 and Receipt No. 415473 for \$50.00 which was assessed for an investigation and issuance of the license. Water License No. 5363-3 is the final document which completes the process of obtaining a water right.

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

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Program
(605) 773-3352

gm
enclosures