

Considered: _____

WATER PERMIT NO. 5600-3

Phone: 793-2153

Name of Applicant: Castlewood Golf Course

Post Office Address: RR 1, Box 9, Castlewood SD 57273

Amount of Water Claimed: 0.88 Total Acres: 80

Source of Water Supply: dugout

Water to be used for: irrigation County: Hamlin

About _____ miles _____ of _____

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved _____ Subject to _____

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

PRIORITY Date Received: 11-18-91 Fee: \$225 Remarks _____

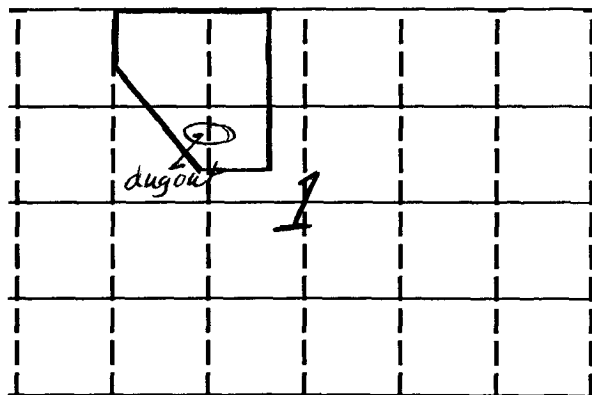
Corrected Application Received 12-2-91 Period of Annual Use April 1- Sept 31

WATER QUALITY APPROVAL RECEIVED 12-18-91 APPROVED/CONDITIONAL (Circle one)

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

Diversion Point: S 1/2 NW 1/4 Sec 1-T114N-R52W

Land to be Irrigated: NW 1/4 Sec 1-T114N-R52W



Well Log: Driller: _____ Licensed YES _____ NO _____

Depth of Well: _____ REMARKS _____

Type of Map: aerial PREPARED BY: David Beitelspacher, ASCS Reviewed and the Number

Assigned on 12-19-91 By K. Schlaak

(See instructions)

No. 5600-3 Hydrologic Unit 10170202
Basin Big Sioux River
Newspaper Hamlin Co Republican, Box 50

Castlewood (Thurs)

Application For Soil/Water Compatibility Permit and Permit To Appropriation

- 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 Castlewood Golf Course Phone No. 793-2153
90 Eldon Hofftiezer
Post Office Address Box 9 Castlewood State SD 57273
(Street, RR or Box) (City) Zip Code
2. Amount of water claimed (c.f.s) 350-400 Total acres irrigated 80
3. Source of Water supply Dugout
4. Location of point of diversion NW 1/4 Section 1; T114N-R52W,
(S 1/2 NW 1/4) County Hamlin
5. Counties where water will be used Hamlin
6. Annual period during which water is to be used Apr. 11 thru Sept 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>NW 1/4 Section 1-T114N-R52W</u>	<u>80</u>
<u>Sand pit restored</u>	
<u>To Golf Course</u>	

Attach sheet if more space is needed

Land Description	No. Acres Irr.

8. Type of Irrigation: Gravity: _____ Towline: _____ Center Pivot: _____ Gun: _____ Other: (Specify) Sprinkle
9. Crops to be Irrigated: Golf course
10. Give a description of proposed project. (Attach sheet if more space is needed)
We will be pumping from a dugout mainly greens, fair-
ways & tee boxes. will be watered. some rough area.
at approx. 350-400 gal/min. Dugout will be right in
water from its Natural source.

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 Hamlin)^{ss}

I, Eldon Hofftiezer, 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

Eldon Hofftiezer

Subscribed and sworn to before me this 15th day of November 1991

Arnell L. Strait

Notary Public

Commission expires 3/23/92

SOUTH DAKOTA
WATER PERMIT No. 5600-3 FOR IRRIGATION

Date of first receipt of application November 18, 1991.
Date Soil/Water Compatibility Permit received December 18, 1991.
Date of return to applicant for corrections, amendments or changes
November 18, 1991.
Date of receipt of corrected application December 2, 1991.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 5600-3 to Castlewood Golf Course, c/o Eldon Hoftiezer, RR 1, Box 9, Castlewood SD 57223 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. 5600-3 appropriates 0.88 cubic feet of water per second from a dugout located in the S 1/2 NW 1/4 Section 1 to irrigate 80 acres located in portions of the NW 1/4 Section 1; all in T114N-R52W.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: April 1 - September 30.
3. The date from which applicant may claim right is November 18, 1991.
4. The date of approval of Permit No. 5600-3 is February 19, 1992.
5. One-fifth of the construction is to be completed on or before August 19, 1994.
6. All construction is to be completed on or before February 19, 1997.
7. Water is to be put to beneficial use on or before February 19, 2001.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATION

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

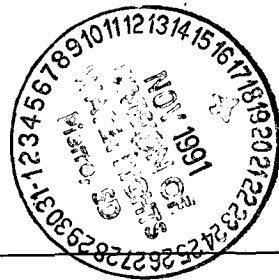
WATER MANAGEMENT BOARD

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

MAR 24 1992
date

Supplemental Information

(type or print in ink)



1. Well Information - Proposed construction

- 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 None On property owned by others 1/4 mi approx.

2. Dugout Information Estimates

- a) Surface Dimensions 200 x 400 approx. Depth 17 1/2'
- b) Depth to water (ground surface to water level) 5.5 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 _____

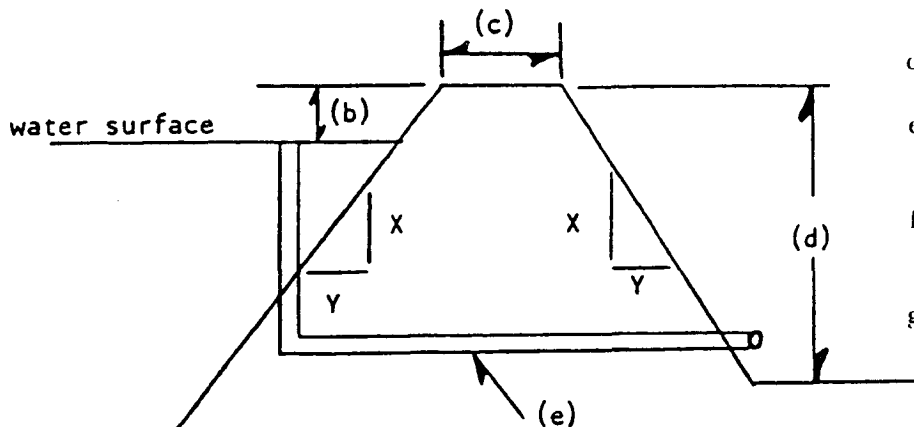
g) X & Y Slope
Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

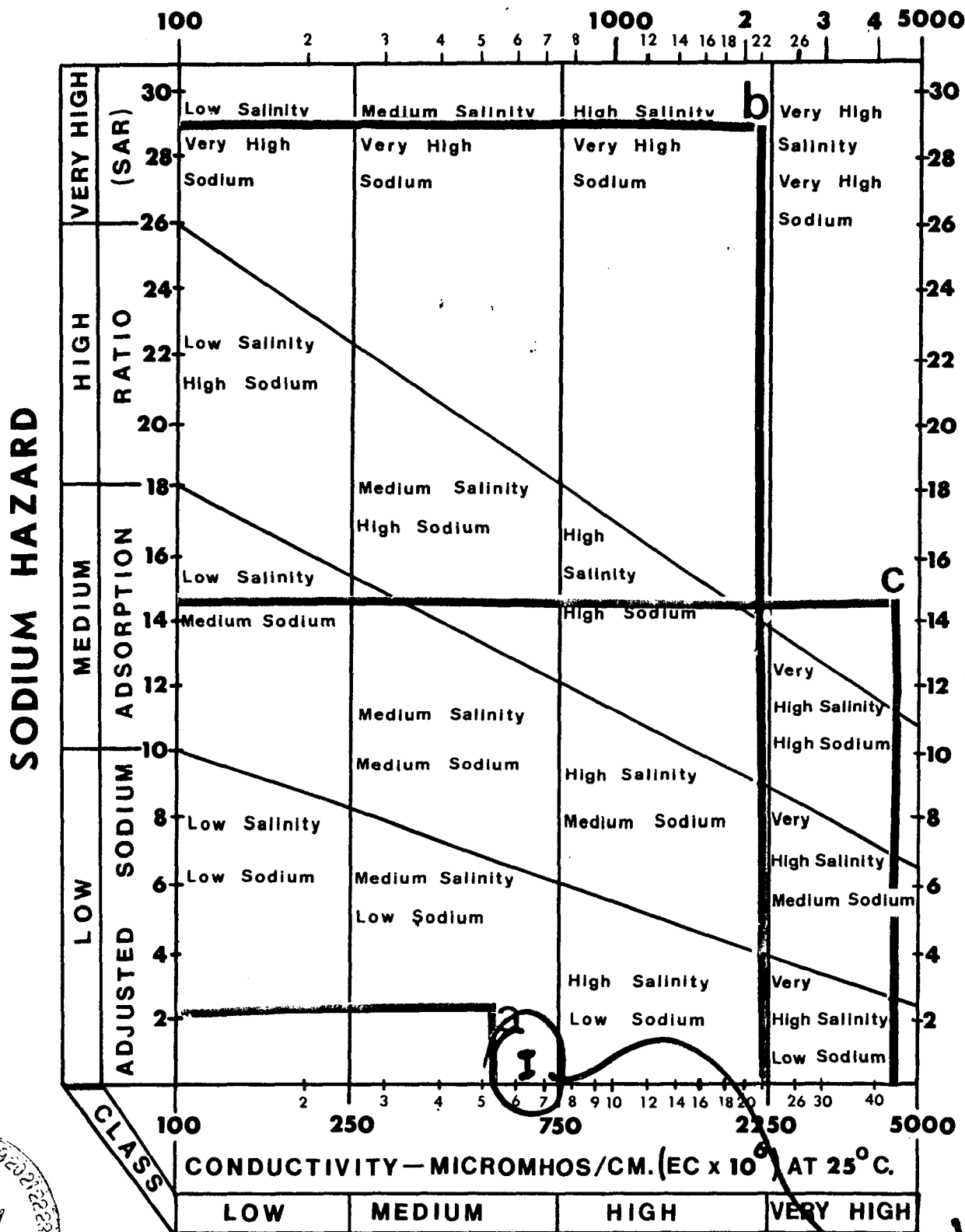
Drainage area above dam _____



Eldon Hoffstetter
Signature of Applicant

Figure 1. Classification of Irrigation Waters*

(Note: Examples from Table 1 on page 4 are shown in blue)



SODIUM HAZARD

SALINITY HAZARD

Electrical Conductivity

a = 529 b = 2200 c = 4252

Adjusted Sodium Adsorption Ratio

a = 2.6 b = 29.3 c = 14.4

*Adapted From Agricultural Handbook 60, USDA

you water

Hamlin

AUG 06, 1991
91-0403

WATER ANALYSIS

Calcium (Ca)	101	ppm	5.04	me/l
Magnesium (Mg)	33	ppm	2.71	me/l
Sodium (Na)	8	ppm	0.35	me/l
Potassium (K)	2	ppm	0.05	me/l
Sulfate (SO4)	74	ppm	1.54	me/l
Nitrate as N (NO3)		ppm		me/l
Organic Nitrogen as N		ppm		
Ammonia Nitrogen as N		ppm		
Nitrite as N (NO2)		ppm		
Ortho Phosphorus		ppm		
Total Phosphorus		ppm		
Chloride (Cl)	12	ppm	0.34	me/l
Bicarbonate (HCO3)	283	ppm	4.64	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)	0.01	ppm		
Hardness (EDTA as CaCO3)	388	ppm	22.65	g.p.g.
Total Solids		ppm		
Total Cations			8.16	me/l
Total Anions			6.52	me/l
Alkalinity (Methyl Orange)	232	ppm(as CaCO3)		
Alkalinity (Phenolphthalein)	0	ppm(as CaCO3)		
Electrical Conductivity	650	micromhos per cm at 25°C		
Sodium Adsorption Ratio	0.18	Adjusted SAR	0.42	
Sodium	4.27	% of Cations		
Residual Sodium Carbonate	0.00	me/l		
pH	7.45			

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

COMMENTS 4
17

Analysis By: Shirley Mittan

Service Performed:	Total Cost:	\$ 42.00
	Amount Received:	<u>0.00</u>
Irrigation Analysis	Balance Due:	42.00

Make checks payable to: SDSU Water Quality Lab
Please write lab number on your check!
Lab Sample No. 91-0403

Pd
8/21/91
ck # 5200



David Bertelsma, con
Hamlin County ASLS.

579-46-R
F13

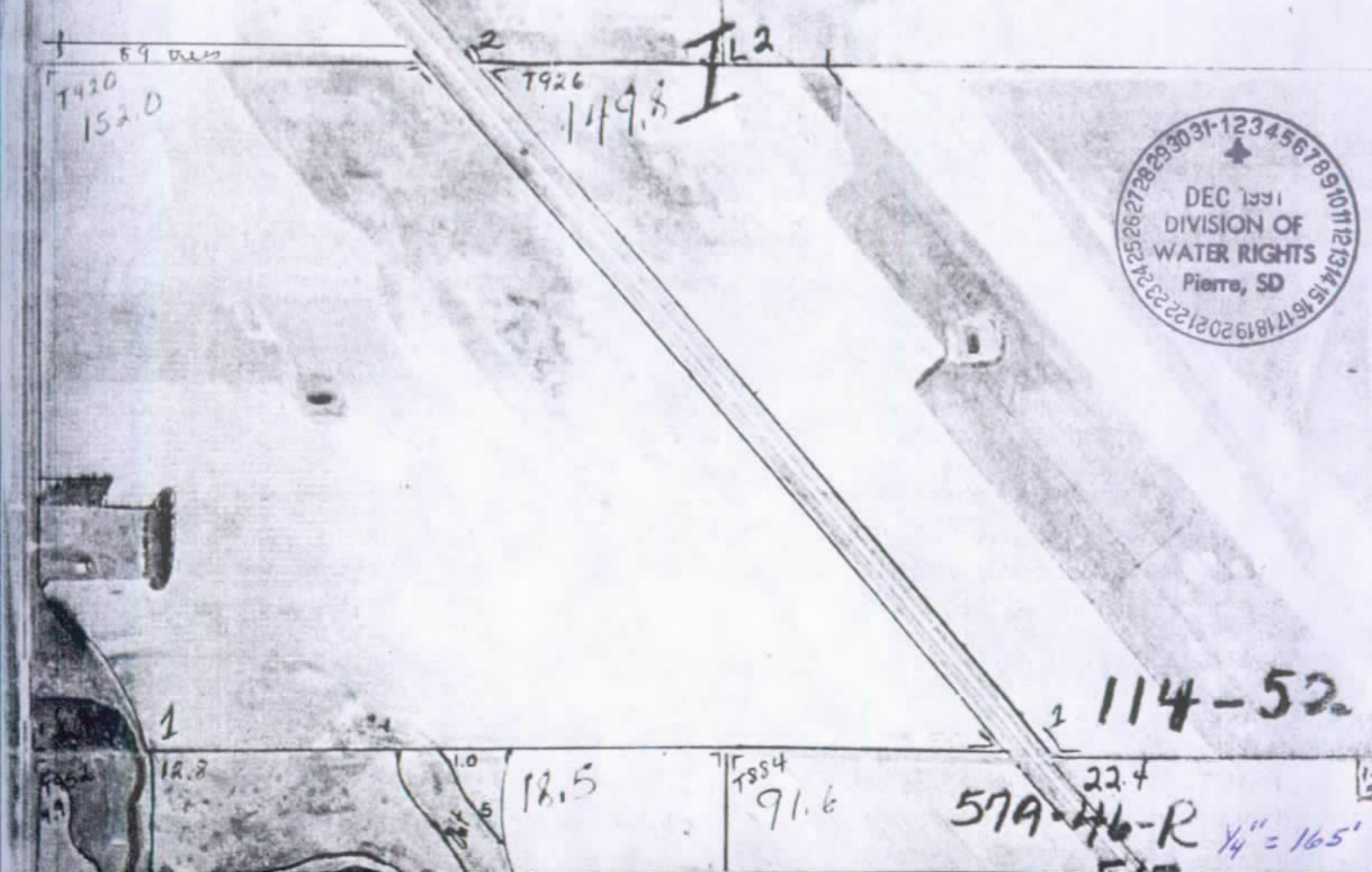


TABLE 1 - SOIL INTERPRETIVE GROUPS

HAMLIN COUNTY, SOUTH DAKOTA



USDA:5

Sec. II-A

Map			%	Cap.	Range	Past.	Wbrk.							
Symbol	Map Unit Name		Slope	tg	Class	Site	Group	Group	WEG(I)	K	T	G		
2	Parnell silty clay loam, undrained	MN0035	0-1	e	Vw2	SM	B2	10	7(38)	0.28	5	C/I		
	drained	MN0035	0-1	e	IIIw1	SM	A	2W	7(38)	0.28	5	C/I		
3	Moritz-Lamoure silty clay loams													
	Moritz	SD0454	0-2	e	IIw2	LSb	A	1*	4L(86)	0.28	5	B		
	Lamoure, undrained	SD0176	0-2	e	IVw3	Sb	B1	2W*	4L(86)	0.28	5	C		
	drained	SD0176	0-2	e	IIw3	Sb	A	2W*	4L(86)	0.28	5	C		
4	Castiewood clay	SD0478	0-1	e	IIIw3	WL	A	2W	4(86)	0.28	5	C/I		
6	Tonka silty clay loam, undrained	ND0229	0-1	e	IVw2	WM	B2	10	7(38)	0.32	5	C/I		
	drained	ND0229	0-1	e	IIw4	WM	A	2W	7(38)	0.32	5	C/I		
7A	Waubay silty clay loam	SD0259	0-2	e	I 3	Ov	K	1	7(38)	0.28	5	B		
9	Oldham silty clay loam, undrained	SD0174	0-1	e	Vw2	WL	B1	10	4(86)	0.28	5	C/I		
	drained	SD0174	0-1	e	IIIw1	WL	A	2W*	4(86)	0.28	5	C/I		
10	Southam silty clay loam	ND0248	0-1	e	VIIIw1 (NA)	NS	10	4(86)	0.37	5	D			
12	LaDelie silt loam	12B	SD0145	0-2	e	I 1	Ov	K	1	6(48)	0.28	5	B	
13	Marysland-Rauville complex													
	Marysland, loam	MN0588	0-2	e	IVw3	Sb	B1	2S	4L(86)	0.28	4	B/C		
	Rauville, silty clay loam	SD0177	0-2	e	Vw1	WL	B1	10	4L(86)	0.28	5	D		
14	Lamoure-Rauville silty clay loams, channeled													
	Lamoure	SD0176	0-2	e	VIw1	Sb	B1	2W*	4L(86)	0.28	5	C		
	Rauville	SD0177	0-2	e	Vw1	WL	B1	10	4L(86)	0.28	5	D		
140	Lamoure-Buse complex, channeled		0-25											
	Lamoure silty clay loam, channeled	SD0176	0-2	e	VIw1	Sb	B1	2W*	4L(86)	0.28	5	C		
	Buse loam	MN0317	15-25	e	VIe3	TU	G	8	4L(86)	0.28	5	B		
15	Playmoor silty clay loam	SD0170	0-2	e	IVw4	SSb	J	10	4L(86)	0.28	5			
16	Lamoure silty clay loam, undrained	SD0176	0-1	e	IVw3	Sb	B1	2W*	4L(86)	0.28	5	C		
	drained	SD0176	0-1	e	IIw3	Sb	A	2W*	4L(86)	0.28	5	C		

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EASTERN

LRA 102A

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TABLE 1 - SOIL INTERPRETIVE GROUPS

HAMLIN COUNTY, SOUTH DAKOTA

Sec. II-A

USDA:SC

Map			%	Cap.	Range	Past.	Wbrk.						Hyd
Symbol	Map Unit Name		Slope	tg	Class	Site	Group	Group	WEG(1)	K	T	Gen	
17A	Renshaw loam	SD0142	0-2	e	IIIs3	SwG	D2	6G	6(48)	0.28	3	B	
17B	Renshaw loam	SD0142	2-6	e	IVs2	SwG	D2	6G	6(48)	0.28	3	B	
17C	Renshaw-Sioux complex	42B,153B											
	Renshaw loam	SD0142	2-9	e	IVs2	SwG	D2	6G	6(48)	0.28	3	B	
	Sioux gravelly loam	SD0052	3-9	e	VIIs3	VSw	N5	10	5(56)	0.20	2	A	
18D	Sioux-Renshaw complex	39D											
	Sioux gravelly loam	SD0052	8-25	e	VIIs3	VSw	N5	10	5(56)	0.20	2	A	
	Renshaw loam	SD0142	8-25	e	VIe6	SwG	D2	6G	6(48)	0.28	3	B	
20A	Fordville loam	SD0178	0-2	e	IIIs3	Si	D1	6G	6(48)	0.24	4	B	
20B	Fordville-Renshaw loams												
	Fordville	SD0178	2-6	e	IIe5	Si	D1	6G	6(48)	0.24	4	B	
	Renshaw	SD0142	2-6	e	IVs2	SwG	D2	6G	6(48)	0.28	3	B	
20C	Fordville-Renshaw loams												
	Fordville	SD0178	6-9	e	IIIIe10	Si	D1	6G	6(48)	0.24	4	B	
	Renshaw	SD0142	6-9	e	IVe4	SwG	D2	6G	6(48)	0.28	3	B	
21A	Poinsett-Waubay silty clay loams												
	Poinsett	SD0180	0-2	e	I 2	Si	F	3	7(38)	0.32	5	B	
	Waubay	SD0259	0-2	e	I 3	Ov	K	1	7(38)	0.28	5	B	
21B	Poinsett-Waubay silty clay loams												
	Poinsett	SD0180	2-6	e	IIe3	Si	F	3	7(38)	0.32	5	B	
	Waubay	SD0259	1-2	e	I 3	Ov	K	1	7(38)	0.28	5	B	
22B	Poinsett-Buse complex	31B											
	Poinsett silty clay loam	SD0180	2-6	e	IIe3	Si	F	3	7(38)	0.32	5	B	
	Buse loam	MN0317	3-6	e	IIIIe6	TU	G	8	4L(86)	0.28	5	B	
22C	Poinsett-Buse complex	21C											
	Poinsett silty clay loam	SD0180	6-9	e	IIIIe2	Si	F	3	7(38)	0.32	5	B	

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TABLE 1 - SOIL INTERPRETIVE GROUPS
HAMLIN COUNTY, SOUTH DAKOTA

Sec. II-A

USDA:SI

Map			Z		Cap.	Range	Past.	Wbrk.					
Symbol	Map Unit Name		Slope	tg	Class	Site	Group	Group	WEG(I)	K	T		
	Buse loam		MN0317	6-9	e	IVe2	TU	G	8	4L (86)	0.28	5	B
23A	Cubden-Tonka silty clay loams	23B,24,34											
	Cubden		SD0497	0-3	e	IIs4	LSb	F	1*	4L (86)	0.28	5	B
	Tonka, undrained		ND0229	0-1	e	IVw2	WM	B2	10	7(38)	0.32	5	C/C
	drained		ND0229	0-1	e	IIw4	WM	A	2W	7(38)	0.32	5	C/C
25	Mauvais loam	48	ND0247	0-2	e	IIIw3	Sb	A	10	4L (86)	0.32	5	C
26A	Barnes-Vienna complex												
	Barnes loam		ND0119	0-2	e	I 2	Si	F	3	6(48)	0.28	5	B
	Vienna silt loam		SD0231	0-2	e	I 2	Si	F	3	6(48)	0.32	5	B
26B	Barnes-Buse loams												
	Barnes		ND0119	2-6	e	IIe2	Si	F	3	6(48)	0.28	5	B
	Buse		MN0317	3-6	e	IIIe6	TU	G	8	4L (86)	0.28	5	B
26C	Barnes-Buse loams												
	Barnes		ND0119	6-9	e	IIIe1	Si	F	3	6(48)	0.28	5	B
	Buse		MN0317	6-9	e	IVe2	TU	G	8	4L (86)	0.28	5	B
26D	Barnes-Buse loams	850											
	Barnes		ND0119	9-15	e	IVe1	Si	F	3	6(48)	0.28	5	B
	Buse		MN0317	9-15	e	VIe3	TU	G	8	4L (86)	0.28	5	B
27-	Colvin-Oldham silty clay loams	34											
	Colvin, undrained		ND0002	0-2	e	IVw3	Sb	A	10	4L (86)	0.32	5	C/C
	drained		ND0002	0-2	e	IIw2	Sb	A	2W*	4L (86)	0.32	5	C/C
	Oldham, undrained		SD0174	0-2	e	Vw2	WL	B1	10	4(86)	0.28	5	C/C
	drained		SD0174	0-2	e	IIIw1	WL	A	2W*	4(86)	0.28	5	C/C
28	Cubden-Badger silty clay loams	28B,35,35B											
	Cubden silty clay loam		SD0497	0-3	e	IIs4	LSb	F	1*	4L (86)	0.28	5	B
	Badger silty clay loam		SD0475	0-2	e	IIw1	Ov	A	2W	7(38)	0.28	5	C

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TABLE 1 - SOIL INTERPRETIVE GROUPS
HAWLIN COUNTY, SOUTH DAKOTA

Sec. II-A

USDA:SC

Map			%	Cap.	Range	Past.	Wbrk.						
Symbol	Map Unit Name		Slope	tg	Class	Site	Group	Group	WEG(I)	K	T	Gr	
31C	Buse-Poinsett complex												
	Buse loam	MN0317	6-9	e	IVe2	TU	G	8	4L(86)	0.28	5	B	
	Poinsett silty clay loam	SD0180	6-9	e	IIIe2	Si	F	3	7(38)	0.32	5	B	
31D	Buse-Poinsett complex	21D											
	Buse loam	MN0317	9-15	e	VIe3	TU	G	8	4L(86)	0.28	5	B	
	Poinsett silty clay loam	SD0180	9-15	e	IVe1	Si	F	3	7(38)	0.32	5	B	
32B	Poinsett-Waubay-Buse complex												
	Poinsett silty clay loam	SD0180	2-6	e	IIe3	Si	F	3	7(38)	0.32	5	B	
	Waubay silty clay loam	SD0259	2-4	e	I 3	Ov	K	1	7(38)	0.28	5	B	
	Buse loam	MN0317	3-6	e	IIIe6	TU	G	8	4L(86)	0.28	5	B	
33C	Renshaw-Brandt complex												
	Renshaw loam	SD0142	6-9	e	IVe4	SwG	D2	6G	6(48)	0.28	3	B	
36A	Hetland silty clay loam	SD0496	0-2	e	I 2	Si	F	3	7(38)	0.28	5	B	
36B	Hetland silty clay loam	SD0496	2-6	e	IIIe3	Si	F	3	7(38)	0.28	5	B	
37A	Arvilla sandy loam	37B	ND0007	0-2	e	IIIs3	SwG	D2	6G	3(86)	0.20	3	A
40B	Egeland-Embsen complex	38A, 38B, 39B, 41B											
	Egeland sandy loam	SD0140	2-6	e	IIIe7	Sy	H	5	3(86)	0.20	5	B	
	Embsen loam	ND0218	0-2	e	IIIs1	Sy	H	1	5(56)	0.20	5	B	
43	Minnewaukan loamy sand	44	ND0144	0-3	e	IVs1	Sb	A	2S	2(134)	0.17	5	A/D
45	Spotswood loam		SD0008	0-3	c	IIIs2	Ov	F	3	6(48)	0.24	4	B
46	La Prairie loam	46A, 146B	ND0109	0-2	e	I 1	Ov	K	1	6(48)	0.28	5	B
47	Rauville silty clay loam		SD0177	0-1	e	Vw1	WL	B1	10	4L(86)	0.28	5	D
51	Divide loam		ND0011	0-2	e	IIIs4	LSb	D1	1*	4L(86)	0.28	4	B
54	Badger silty clay loam		SD0475	0-2	e	IIw1	Ov	A	2W	7(38)	0.28	5	C
71E	Buse-Barnes loams												
	Buse	MN0317	15-40	e	VIIe1	TU	NS	10	4L(86)	0.28	5	B	

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TABLE 1 - SOIL INTERPRETIVE GROUPS
HAMLIN COUNTY, SOUTH DAKOTA

Sec. 11-A

USDA:S

Map			%	Cap.	Range	Past.	Wbrk.						
Symbol	Map Unit Name		Slope	tg	Class	Site	Group	Group	WEG(1)	K	T	Gr	
	Barnes	ND0119	15-25	e	VIe1	Si	NS	10	6(48)	0.28	5	B	
72C	Buse-Barnes loams, very stony 1/		3-15										
	Buse	MN0310	9-15	e	VIIe1	TU	NS	10	8(0)	0.20	5	B	
	Barnes	ND0120	3-9	e	VIIe1	Si	NS	10	8(0)	0.20	5	B	
72E	Buse-Barnes loams, extremely stony 2/												
	Buse	MN0310	9-40	e	VIIe1	TU	NS	10	8(0)	0.20	5	B	
	Barnes	ND0120	9-25	e	VIIe1	Si	NS	10	8(0)	0.20	5	B	
81A	Kranzburg silty clay loam	SD0161	0-2	e	I 2	Si	F	3	7(38)	0.32	5	B	
81B	Kranzburg-Waubay silty clay loams	7B,87B											
	Kranzburg	SD0161	2-6	e	IIe3	Si	F	3	7(38)	0.32	5	B	
	Waubay	SD0259	2-3	e	I 3	Ov	K	1	7(38)	0.28	5	B	
82B	Strayhoss silty clay loam	83B	SD	2-6	e	IIe3	Si	F	3	7(38)	0.28	5	B
84B	Vienna-Barnes complex												
	Vienna silt loam	SD0231	2-6	e	IIe2	Si	F	3	6(48)	0.32	5	B	
	Barnes loam	ND0119	2-6	e	IIe2	Si	F	3	6(48)	0.28	5	B	
85A	Vienna-Brookings complex												
	Vienna silt loam	SD0231	0-2	e	I 2	Si	F	3	6(48)	0.32	5	B	
	Brookings silty clay loam	SD0160	0-2	e	I 3	Ov	K	1	7(38)	0.28	5	B	
85B	Vienna-Brookings complex												
	Vienna silt loam	SD0231	2-6	e	IIe2	Si	F	3	6(48)	0.32	5	B	
	Brookings silty clay loam	SD0160	2-3	e	I 3	Ov	K	1	7(38)	0.28	5	B	
85C	Vienna-Buse complex	81C											
	Vienna silt loam	SD0231	6-9	e	IIIe1	Si	F	3	6(48)	0.32	5	B	
	Buse loam	MN0317	6-9	e	IVe2	TU	G	8	4L(86)	0.28	5	B	
87A	Brookings silty clay loam	SD0160	0-2	e	I 3	Ov	K	1	7(38)	0.28	5	B	
88	McIntosh-Badger silty clay loams												

SOUTH DAKOTA TECHNICAL GUIDE

EASTERN

LRA 102A

Rev. 04-Mar-91

TABLE 1 - SOIL INTERPRETIVE GROUPS
HAMLIN COUNTY, SOUTH DAKOTA

Sec. II-A

USDA:SCS

Map Symbol	Map Unit Name		% Slope	tg	Cap. Class	Range Site	Past. Group	Wbrk. Group	WEG(I)	K	T	Hyd. Grou
	McIntosh	MN0074	0-3	e	IIIs4	LSb	F	1*	4L(86)	0.28	5	C
	Badger	SD0475	0-3	e	IIw1	Qv	A	2W	7(38)	0.28	5	C
89A	Estelline silt loam	SD0206	0-2	e	IIIs3	Si	D1	6G	6(48)	0.32	4	B
89B	Estelline silt loam	SD0206	2-6	e	IIIs5	Si	D1	6G	6(48)	0.32	4	B
90B	Egeiland-Maddock sandy loams	37C, 82C										
	Egeiland	SD0140	4-6	e	IIIIs7	Sy	H	5	3(86)	0.20	5	B
	Maddock	ND0192	6-9	e	IVIs3	Sy	H	5	3(86)	0.17	5	A
99	Orthents, gravelly	SD3003	0-15	e	VIIIsi	(NA)	N5	10	5(56)	0.20	1	A
111	Lowe clay loam	SD0455	0-2	e	IIIIs3	Sb	A	2W*	4L(86)	0.28	5	B
114	Fairdale loam, channeled	46B	0-2	e	VIIsi	Sb	K	2W	5(56)	0.32	5	B
121A	Brandt silty clay loam	189A	0-2	e	I 2	Si	F	3	7(38)	0.28	5	B
121B	Brandt silty clay loam	SD0450	2-6	e	IIIs3	Si	F	3	7(38)	0.28	5	B

(NA) - Not Assigned

* These soils are highly calcareous and silver maple is not suited.

1/ If stones picked, use interpretations for 26C.

2/ If stones picked, use interpretations for 71E.

SOUTH DAKOTA TECHNICAL GUIDE

EASTERN

LRA 102A

Rev. 04-Mar-91

Department of Agriculture
WI#1
5/87

SOIL/WATER COMPATIBILITY PERMIT
Division of Conservation



Office Use Only

4662

WR#

CASTLEWOOD GOLF COURSE

OWNERS NAME: 2 ELDON HOFTIEZER

OWNERS ADDRESS: RR 1 BOX 9
CASTLEWOOD, SD 57223-9723

COUNTY LAND LOCATED IN: HAMLIN PHONE: 793-2153

LEGAL DESCRIPTION:

1. LOCATION: NW $\frac{1}{4}$ 1-T114N-R52W (S $\frac{1}{2}$ NW $\frac{1}{4}$)

Depth: _____

☐ Well

DUGOUT

☒ Surface

Legal Description	Acres	Legal Description	Acres
NW $\frac{1}{4}$ 1-T114N-R52W	80		

2. TYPE OF IRRIGATION: GRAVITY: _____ TOWLINE: _____ CENTER PIVOT: _____ GUN: _____ OTHER: (Specify) SPRINKLER

3. CROPS TO BE IRRIGATED: GOLF COURSE

WATER QUALITY:

4. WATER SAMPLE NUMBER: 91-0403

7. ADJUSTED (SAR): 0.42

5. SALINITY (EC X 10⁶): 650

8. PERCENT SODIUM: 4.27

6. SODIUM (SAR): 0.18

Requirements:

The area shall be graded so no slopes shall be greater than 9% slope.

Top soil and organics shall be respllyed to the area.

Director, Division of Conservation

DECEMBER 16, 1991

Date

XXX APPROVED
____ DISAPPROVED
____ WAIVER

XXX REQUIREMENTS

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

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

412918

Pierre, November 18, 19 91

RECEIVED OF Hoftlezer Plumbing, Heating & Electric, Rt 1, Castlewood, SD 57223

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

Fee for Application for Permit No. <u>5600-3</u> to Appropriate Water, to construct works and to put water to beneficial use _____	225	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	225 00

By

John Hatch
Chief Engineer



August 8, 1991

South Dakota State University
Brookings, South Dakota 57007



Water Resources Research Institute
Telephone 605-688-4910

Hoftiezer, Eldon
403 4th St.
Castlewood, SD 57223

Dear Mr. Hoftiezer:

Enclosed is a copy of the analysis of ^{the} your water sample which you submitted to us for testing. We have identified the source of your water as taken from an unknown source and an unknown location. We have assigned it lab number 91-0403.

Your water, as represented by this sample, is classified as a "medium salinity, low sodium hazard" for irrigation usage. The main ions in this water are calcium (Ca) and bicarbonate (HCO_3). I have plotted your approximate water quality in red on the outside back cover of the enclosed pamphlet (AES 13). The range in the sodium hazard from 0.18 to 0.42 is dependent upon the leaching fraction that may result if irrigation water is applied. The higher sodium hazard is associated with no leaching, and the lower sodium hazard is associated with normal leaching fractions (0.03-0.05). The leaching fraction is defined as the amount of water lost below the root zone annually divided by the total amount received into the soil profile.

This water can be used for irrigation purposes for most normal soils which have adequate internal drainage. This means that if the water table is greater than 10 feet below ground surface the majority of the year and there are no tight impermeable layers within the root zone which may create a perched water table, the salts (ions) that do exist in the water will be able to be leached downward below the root zone where they do little or no harm to growing crops. The probability for soil salinization from this water is low when used on soils with good subsurface drainage.

The boron level for this water (0.01 ppm) poses a low toxicity level for most normal crops in this area.

I am forwarding a copy of this letter and water analysis to the Division of Conservation in Pierre for their information and/or action.

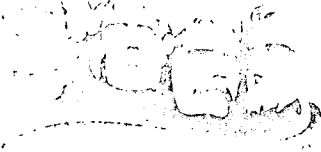
If you have further questions regarding this water analysis, please do not hesitate to call or write.

Sincerely,

C. Gregg Carlson, Associate Professor
Plant Science Department

Enclosures
cc: Division of Conservation

South Dakota



GREAT FACES. GREAT PLACES.

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

November 18, 1991

Castlewood Golf Course
Eldon Hoftiezer
RR 1, Box 9
Castlewood SD 57223

Dear Mr. Hoftiezer:

In regard to the water permit application received on November 18, 1991, for the Castlewood Golf Course, enclosed is the map submitted with the application. On the map, please outline the 80 acres which are to be irrigated. A soils map is also required of the land to be irrigated in order to proceed with the Soil/Water Compatibility permit. This should be available at the local ASCS office also.

The water permit application can not be considered until the corrected map is received and a soil/water permit is obtained from the Department of Agriculture. Upon receipt of the above, further processing of the application will continue.

If you have any questions, please contact this office.

Sincerely,

Karin Schlaak

Karen Schlaak
Natural Resources Analyst
605 773-3352

enclosure

REPORT ON WATER PERMIT APPLICATION NO. 5600-3
CASTLEWOOD GOLF COURSE
DECEMBER 27, 1991

Application No. 5600-3, Castlewood Golf Course, proposes to appropriate 0.88 cubic feet of water per second (cfs) from a dugout located in the S 1/2 NW 1/4 Section 1 to irrigate 80 acres located in portions of the NW 1/4 Section 1; all in T114N-R52W in Hamlin County. The size of the dugout is approximately 200' x 400' x 18'.

Aquifer - Big Sioux - Brookings (BS-B)

The dugout obtains water from a natural source, the Big Sioux aquifer. The Big Sioux aquifer, the largest and most productive ground water source present in surficial outwash bodies, underlies an area of 178 square miles with an estimated storage of 480,000 acre-feet in Hamlin County (Kume, 1985). The aquifer is composed mainly of glacial-meltwater stream deposits, and is underlain by till and commonly overlain by alluvial silt and clay. Water levels in the Big Sioux aquifer range from land surface to about 18 feet below land surface and are generally highest in June. This high is in response to recharge from snowmelt, spring rain or high water levels of the Big Sioux River. Recharge by infiltration of precipitation on the surface of the outwash and alluvial deposits that comprise the aquifer is estimated to be 48,000 ac-ft/yr in Hamlin County (Kume, 1985). There is also recharge from runoff from adjacent areas onto the surface of the aquifer deposits, leakage from adjacent till, and infiltration from the Big Sioux River when the level of water in the river is higher than the water level in the underlying and adjacent aquifer.

Low water levels in the aquifer usually occur in September or October. The low is in response to large growing-season losses to evapotranspiration, reduced recharge in the late summer and fall due to small amounts of precipitation, and to continued discharge to lakes and the Big Sioux River.

Review of Existing Water Rights/Permits

There are three existing water permits/rights approximately 3/4 mile to the northwest of this application which appropriate approximately 1.3 cfs of water from the Big Sioux-Brookings aquifer. There is a total of 70 irrigation water permits/rights in Hamlin County appropriating approximately 30,177 ac-ft with a 1990 reported pumpage of 3,353 ac-ft from the Big Sioux-Brookings management unit.

The Division of Water Rights monitors 2 observation wells within a 1/2 mile of this application. HN-77I is located in the northwest corner of Section 1-T114N-R52W and HN-63A is located in the northwest corner of Section 7-T114N-R51W. These two wells show the aquifer responds to climatic conditions, recharging in wet years and declining in dry years. The Big Sioux-Brookings management unit covers a total area of 88,500 acres which contains 331,880 acre-feet of recoverable water (Hedges, 1982).

Conclusions

1. There is water available from the Big Sioux-Brookings aquifer for this application.
2. If this application is approved, it should contain the following qualification:
Subject to the irrigation questionnaire submitted each year.
3. The observation well readings show no adverse fluctuations in water levels and the aquifer recharges readily when water is available.

Norma C. Job

NORMA C. JOB
Natural Resources Engineer I

Approved by:

James A. Goodman

JAMES A. GOODMAN, PE
Natural Resources Engineer IV

REFERENCES

- Kume, Jack, 1985, Water Resources of Deuel and Hamlin Counties, South Dakota, Water-Resources Investigations Report 84-4069, USGS, Huron, SD 57350.
- Water Rights, 1991, Observation Well Records for Big Sioux - Brookings Aquifer in Hamlin County, SD DENR, Division of Water Rights, Joe Foss Building, Pierre, SD 57501.
- Hedges, L.S., 1982, Evaluation of Groundwater Resources Eastern SD and the Upper Big Sioux River, South Dakota and Iowa, SD DENR - Division of Geologic Survey, Vermillion, SD 57069.

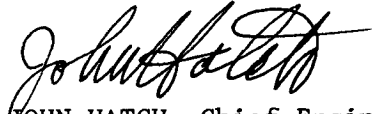
RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5600-3, Castlewood Golf Course

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Environment and Natural Resources concerning Water Permit Application No. 5600-3, Castlewood Golf Course, RR 1, Box 9, Castlewood, SD 57273.

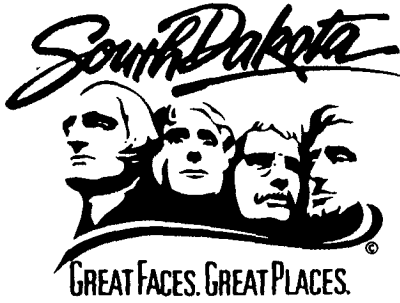
The Chief Engineer is recommending APPROVAL of Application No. 5600-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) in the public interest with the following qualification:

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

See report on application for additional information.

A handwritten signature in black ink, appearing to read "John Hatch", is written over the printed name.

JOHN HATCH, Chief Engineer
January 13, 1992



**DEPARTMENT of ENVIRONMENT
and 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.

January 17, 1992

Eldon Hoftiezer
Castlewood Golf Course
RR 1 Box 9
Castlewood SD 57273

Dear Mr. Hoftiezer:

Water Permit Application No. 5600-3 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 Hamlin County Republican printed at Castlewood, 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 ENVIRONMENT
and NATURAL RESOURCES**

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

January 17, 1992

Hamlin County Republican
Box 50
Castlewood, SD 57273

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application No. 5600-3 to be published twice. Please publish the first notice on January 23, 1992, 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 the Castlewood Golf Course, c/o Eldon Hoftiezer, RR 1 Box 9, Castlewood, SD 57273.

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
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 January 23, 1992, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 5600-3 to Appropriate Water

Notice is given that the Castlewood Golf Course, c/o Eldon Hoftiezer, RR 1 Box 9, Castlewood, SD 57273 has filed an application for a water permit to appropriate 0.88 cubic feet of water per second from a dugout located in the S 1/2 NW 1/4 Section 1 to irrigate 80 acres located in portions of the NW 1/4 Section 1; all in T114N-R52W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 5600-3 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. 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 February 10, 1992. 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. 5600-3 and 2) the chief engineer's recommendation, a meeting at the Division of Water Rights office to hear this application is scheduled for February 19, 1992, at 9:00 am in Room 413, Joe Foss Building, 523 E Capitol, Pierre SD. If this application is opposed or the recommendation is contested, the February 19, 1992, hearing date will be rescheduled for a regularly scheduled Board meeting. Notice of the time and place of the rescheduled hearing before the Board 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 February 19, 1992, 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 February 10, 1992.

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.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
 County Hamlin) ss.

I, Donna Holman

certify that the attached printed Notice was taken
 from the Hamlin County Republican

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 Castlewood

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

Jan 23, 1992

Jan. 30, 1992

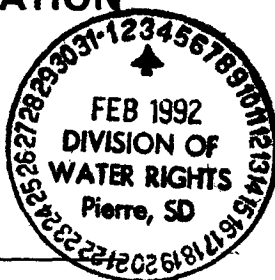
Donna Holman
 (Signature)

Publisher
 (Title)

1/31/92
 (Date Signed)

1/31/92 Ardell L. St
Commissioner

Cost of Printing: 60.01



NOTICE OF HEARING

NOTICE OF HEARING on
 Application No. 5600-3 to
 Appropriate Water

Notice is given that the Castlewood Golf Course, c/o Eldon Hoffiezer, RR 1 Box 9, Castlewood, SD 57223 has filed an application for a water permit to appropriate 0.88 cubic feet of water per second from a dugout located in the S 1/2 NW 1/4 Section 1 to irrigate 80 acres located in portions of the NW 1/4 Section 1; all in T114N-R52W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 5600-3 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. 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.

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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. (published Jan. 23 and 30, 1992)



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

MAR 24 1992

Eldon Hoftiezer
Castlewood Golf Course
RR 1 Box 9
Castlewood, SD 57223

Dear Mr. Hoftiezer:

Enclosed is Water Permit No. 5600-3 authorizing construction of your water diversion system and beneficial use of the water, 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.

8-15-76

605-793-2510
Castlewood Community Golf Course Inc
Castlewood S.D.
57223

WE HAVE completed the
Irrigation system as far as we're
going to go.

Doug. Gerhold
Doug Gerhold

REPORT ON INSPECTION OF PERMIT NO. 5600-3

DATE OF INSPECTION: 8/15/1996

Contact Person & Address: Doug Gerhold, Castlewood, SD 57223

DIVERSION POINT LEGAL LOCATION: from the NW corner of Sec 1 T114N-R52W:
1450 ft South and 950 ft East.

WATER SUPPLY Source: groundwater from a dugout - Big Sioux-Brookings Aquifer

Pump:

- | | |
|-------------------------|-------------------------------|
| 1) Make <u>Griswold</u> | 2) Model <u>R2GM105-C3219</u> |
| 3) Size <u>3"</u> | 4) Capacity <u>100</u> GPM |

Motor:

- | | |
|-----------------------------------|---------------------------------|
| 1) Make <u>Century</u> | 2) Model No. <u>6-357580-03</u> |
| 3) Horsepower rating <u>10</u> hp | |

Pump:

- | | |
|-------------------------|-----------------------------|
| 1) Make <u>Griswold</u> | 2) Model <u>R40MT-03217</u> |
| 3) Size <u>4"</u> | 4) Capacity <u>300</u> GPM |

Motor:

- | | |
|-----------------------------------|------------------------------|
| 1) Make <u>Century</u> | 2) Model No. <u>286JP-DP</u> |
| 3) Horsepower rating <u>40</u> hp | |

DISTRIBUTION LINES OR CANALS:

- 1) Type PVC 2) Size 4, 3, 2, & 1.25 inches

SYSTEM TYPE:

Rainbird Popup Sprinklers

CHEMIGATION EQUIPMENT:

- 1) Does chemigate no

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

Permit No. 5600-3
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

On, August 15, 1996, I made a thorough examination of the water use system constructed by Castlewood Community Golf Course, INC of Castlewood, SD 57223 holder of Permit No. 5600-3, bearing the priority of November 18, 1991, authorizing the diversion of 0.88 cu. ft. per second of the waters of groundwater, Big Sioux-Brookings Aquifer for irrigation purposes, in Hamlin County.

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

A. Works used to divert the water:

Two Griswold pumps with a combined diversion rate of 300 gpm

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

4, 3, 2 and 1.25 inch pvc

C. Works used to apply water to beneficial use:

Popup sprinklers

The system is in the following condition good. The point of diversion is located from the NW corner of Sect T114N-R52W: 1450 ft South and 950 ft East. The works are capable of diverting and conveying to the place of use 0.89 cu. ft. per second of water which is to be used for irrigation purpose. Water has been put to beneficial use to the maximum extent as follows:

All land located in Sec 1 T114N-R52W:

NW1/4 NW1/4 - 33 ac

NE1/4 NW1/4 - 27 ac

SE1/4 NW1/4 - 6 ac

SW1/4 NW1/4 - 12 ac

comprising a total of 78 acres of land and the license should be issued for 0.88 cfs.

Applicable permit qualifications have been complied with: yes

Exceptions to compliance are: none



Mark D. Rath
Natural Resources Engineer
DENR, Water Rights Program

8/23/96

Date

NOT TO SCALE



Mark D Rath
Natural Resources Engineer
Division of Water Rights
Date 8/22/96

F13



out

1420
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7926
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114-52

579-46-R

5600-3

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91.6

22.4

1.0



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

August 29, 1996

5600-3

Doug Gerhold
Castlewood Community Golf Course, Inc.
Castlewood, SD 57223

Dear Mr. Gerhold:

The inspection of your water use system and the inspection of the extent of application of water to beneficial use, as developed under Water Permit No. 5600-3, 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 inspection 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.

RECEIPT

415113

Division of Water Rights

South Dakota Department of Environment and Natural Resources

Pierre, _____ September 23, 19 96

RECEIVED OF Castlewood Community Golf Course, Inc., P.O. Box 103, Castlewood, SD 57223

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>5600-3</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 *J. H. Hatch* 
Chief Engineer

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 5600-3

(1) Castlewood Community Golf Course, Inc., c/o Doug Gerhold, PO Box 103, Castlewood SD 57223-0103 made Application No. 5600-3, November 18, 1991 for a water permit to divert 0.88 cubic feet of water per second from a dugout (groundwater), Hamlin County, South Dakota for irrigation purposes. Permit No. 5600-3, with a priority date of November 18, 1991 was approved February 19, 1992 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before February 19, 1997 and for the application to beneficial use of said water on or before February 19, 2001.

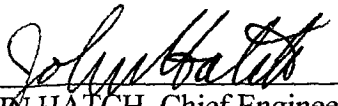
The permit holder submitted documentation on August 15, 1996 stating the diversion system was completed and the water was being placed to beneficial use.

(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 divert 0.88 cubic feet of water per second for beneficial use. The location of the diversion point is 1,450 feet south and 950 feet east of the northwest corner of Section 1-T114N-R52W (SW 1/4 NW 1/4).

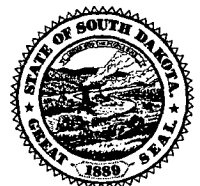
(3) The applicant has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate the following land:

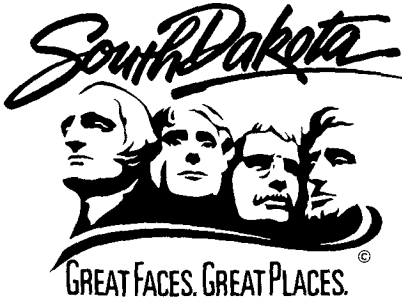
Section 1-T114N-R52W	NW 1/4 NW 1/4	33 acres
	SE 1/4 NW 1/4	6 acres
	NE 1/4 NW 1/4	27 acres
	SW 1/4 NW 1/4	12 acres
Total		78 acres

(4) Pursuant to South Dakota Water Law 46-5-30.1 Castlewood Community Golf Course, Inc., c/o Doug Gerhold, PO Box 103, Castlewood SD 57223-0103 the holder and/or owner of Water Permit No. 5600-3 is issued a license to appropriate water, the right to use 0.88 cubic feet of water per second from a dugout (groundwater) with a priority date of November 18, 1991 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. 5600-3 and subject to South Dakota State Law.


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

OCT 17 1996
date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

OCT 17 1996

5600-3

Castlewood Community Golf Course, Inc.
%Doug Gerhold
P.O. Box 103
Castlewood, SD 57223-0103

Dear Mr. Gerhold:

Enclosed is Water License No. 5600-3 and Receipt No. 415113 for \$50.00 which was assessed for an investigation and issuance of the license. Water License No. 5600-3 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

ks
enclosures

5600-3



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 14, 2004

NOTICE

TO: CASTLEWOOD COMMUNITY GOLF COURSE, INC, DOUG GERHOLD, BOX 103,
CASTLEWOOD, SD 57223 0103

FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2003 Irrigation Questionnaire(s)

Our records indicate that the 2003 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 5600-3. The request for the Questionnaire was dated October 17, 2003. The Water Management Board has directed that owners of water permits who have not submitted the 2003 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 5600-3 qualification:

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

The hearing will be held at 8:30 am, March 3, 2004 in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. 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) 5600-3 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 **February 27, 2004**, you will no longer be in violation of your permit and your name will be deleted from the Board agenda. If you have questions or need assistance in completion of the irrigation questionnaire(s), please contact Genny McMath at (605) 773-3352.

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



5600-3

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 14, 2004

NOTICE

TO: CASTLEWOOD COMMUNITY GOLF COURSE, INC, DOUG GERHOLD, BOX 103,
CASTLEWOOD, SD 57223 0103

FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

RECEIVED
JAN 16 2004
WATER RIGHTS
PROGRAM

SUBJECT: Reporting Requirement for 2003 Irrigation Questionnaire(s)

Our records indicate that the 2003 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 5600-3. The request for the Questionnaire was dated October 17, 2003. The Water Management Board has directed that owners of water permits who have not submitted the 2003 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 5600-3 qualification:

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

The hearing will be held at 8:30 am, March 3, 2004 in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. 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) 5600-3 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 **February 27, 2004**, you will no longer be in violation of your permit and your name will be deleted from the Board agenda. If you have questions or need assistance in completion of the irrigation questionnaire(s), please contact Genny McMath at (605) 773-3352.

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

Dear Ron Duvall
I'm sorry I forgot to fill that
survey out.
Doug Gerhold



5600-3

Track & Confirm

Current Status

You entered 2301 3460 0000 8515 7636

Your item was delivered at 9:12 am on January 15, 2004 in CASTLEWOOD, SD 57223. The item was signed for by D MILLER.

[Shipment Details >](#)

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CASTLEWOOD COMMUNITY GOLF COURSE,
INC
DOUG GERHOLD
BOX 103
CASTLEWOOD SD 57223 0103

waiver of signature ☐ YES ☐ NO

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www.usps.com
or call 1-800-222-1811

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SIGNATURE CONFIRMATION NUMBER:
2301 3460 0000 8515 7636



5600-3

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

January 20, 2004

5600-3

Doug Gerhold
Castlewood Community Golf Course Inc
Box 103
Castlewood SD 57223-0103

Dear Mr. Gerhold:

I am writing to acknowledge receipt of the 2003 irrigation questionnaire for the golf course. You may disregard the January 14, 2004, "Notice" concerning reporting requirements for Water Right No. 5600-3.

The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

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



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

October 28, 2004

5600-3

Doug Gerhold
Castlewood Community Golf Course Inc
411 E Cemetary Rd
Castlewood SD 57223-2206

Dear Mr. Gerhold:

Enclosed is a "Notice" dated October 22, 2004 concerning the 2004 irrigation questionnaire. The notice was originally mailed to Box 103, Castlewood, SD. The post office notified us that your address has changed and I will update our records accordingly.

If you have any questions, please contact me.

Sincerely,

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

enclosures



5600-3

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 24, 2006

NOTICE

TO: CASTLEWOOD COMMUNITY GOLF COURSE, INC, 411 E CEMETARY RD,
CASTLEWOOD, SD 57223 2206

FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2005 Irrigation Questionnaire(s)

Our records indicate that the 2005 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 5600-3. The request for the Questionnaire was dated October 28, 2005. The Water Management Board has directed that owners of water permits who have not submitted the 2005 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 5600-3 qualification:

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

The hearing will be held at 10:30 am, March 2, 2006 in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. 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) 5600-3 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 February 24, 2006, you will no longer be in violation of your permit and your name will be deleted from the Board agenda. If you have questions or need assistance in completion of the irrigation questionnaire(s), please contact Genny McMath at (605) 773-3352.

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



5700-3

Track & Confirm

Current Status

You entered 2303 2160 0000 0799 4756

Your item was delivered at 9:14 am on February 06, 2006 in CASTLEWOOD, SD 57223. The item was signed for by H HGCOURSE.

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U.S. Postal Service™ Signature Confirmation™ Receipt

SIGNATURE CONFIRMATION NUMBER:
2303 2160 0000 0799 4756

CASTLEWOOD COMMUNITY GOLF COURSE,
411 E CEMETARY RD
CASTLEWOOD SD 57223 2206

Waiver of Signature ☐ YES ☐ NO

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PS Form 153, May 2002

(See Reverse)



First Premier Bank Fax Transmission Cover Sheet

One East Kemp
PO Box 1624
Watertown, SD 57201
Phone: (605) 882-2300
Fax: (605) 886-8720

Date: 2-13-06

To: Water Rights Program

From: Roger Turbak, First PREMIER Bank

Re: Castlewood Community Golf Course, Inc.
2005 Irrigation Survey

RECEIVED

FEB 13 2006

WATER RIGHTS
PROGRAM

You should receive 4 page(s), including this cover sheet. If you do not receive all the pages, please call 605-882-2008.

Important Notice

The information contained in this transmission is privileged and confidential. It is intended only for the use of the individual or entity names above. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please notify us immediately by telephone collect and return the original message to us at the above address via the U.S. Postal Service. We will reimburse you for postage. Thank you.

Comments:

Please confirm receipt of
this report by return fax to
me at 605-886-8720



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 14, 2006

5600-3

Castlewood Community Golf Course
411 E Cemetary Rd
Castlewood SD 57223

Dear Sir:

I am writing to acknowledge receipt of your 2005 irrigation questionnaire. You may disregard the January 24, 2006, "Notice" concerning reporting requirements for Water Right No. 5600-3.

The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

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

c: faxed to Roger Turbak at 605 886-8720



5600-3

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

January 26, 2007

NOTICE

TO: CASTLEWOOD COMMUNITY GOLF COURSE, INC, 411 E CEMETARY RD,
CASTLEWOOD, SD 57223 2206

FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2006 Irrigation Questionnaire(s)

Our records indicate that the 2006 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 5600-3. The request for the Questionnaire was dated October 20, 2006. The Water Management Board has directed that owners of water permits who have not submitted the 2006 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 5600-3 qualification:

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

The hearing will be held at 10:30 am, March 7, 2007 in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. 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) 5600-3 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 March 1, 2007, you will no longer be in violation of your permit and your name will be deleted from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352. If you prefer, you can complete the questionnaire on-line at the following link:

<https://www.state.sd.us/eforms/secure/eforms/E0455V5-IQ.pdf>

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



5600-3

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Search Results

Label/Receipt Number: 2301 3460 0000 8516 2364
Status: **Delivered**

Your item was delivered at 3:54 PM on January 30, 2007 in
CASTLEWOOD, SD 57223. The item was signed for by G GOFLC.

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Signature Confirmation Receipt	
SIGNATURE CONFIRMATION NUMBER: 4992 9158 0000 094E 10E2	CASTLEWOOD COMMUNITY GOLF COURSE 411 E CEMETARY RD CASTLEWOOD SD 57223 2206
	Waiver of Signature ☐ YES ☐ NO
	Postmark Here
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DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

February 23, 2007

5600-3

Castlewood Community Golf Course
411 E Cemetary Rd
Castlewood SD 57223-2206

Dear Sir:

I am writing to acknowledge receipt of your 2006 irrigation questionnaire. You may disregard the January 26, 2007, "Notice" concerning reporting requirements for Water Right No. 5600-3.

The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

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



5600-3

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 18, 2008

NOTICE

TO: CASTLEWOOD COMMUNITY GOLF COURSE, INC, 411 E CEMETARY RD,
CASTLEWOOD, SD 57223 2206

FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2007 Irrigation Questionnaire(s)

Our records indicate that the 2007 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 5600-3. The request for the Questionnaire was dated October 19, 2007. The Water Management Board has directed that owners of water permits who have not submitted the 2007 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 5600-3 qualification:

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

The hearing will be held at **10:00 am, March 11, 2008** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. 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) 5600-3 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 **March 3, 2008**, you will no longer be in violation of your permit and your name will be deleted from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352. If you prefer, you can complete the questionnaire on-line at the following link:

<https://www.state.sd.us/eforms/secure/eforms/E0455V6-IQ.pdf>

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

5600-3

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Track & Confirm

Search Results

Label/Receipt Number: 2303 2160 0000 0802 2687
Status: **Delivered**

Your item was delivered at 9:56 AM on January 23, 2008 in CASTLEWOOD, SD 57223. The item was signed for by K GERHOLD.

[Additional Details >](#) [Return to USPS.com Home >](#)

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No FEAR Act EEO Data

FOIA

U.S. Postal Service™ Signature Confirmation™ Receipt

SIGNATURE CONFIRMATION NUMBER: 2303 2160 0000 0802 2687

CASTLEWOOD COMMUNITY GOLF COURSE,
411 E CEMETARY RD
CASTLEWOOD SD 57223 2206

Waiver of Signature ☐ YES ☐ NO

Postmark
Here

POSTAL CUSTOMER:

Keep this receipt. For Inquiries:
Access internet web site at
www.usps.com®
or call 1-800-222-1811

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PS Form 153, May 2002



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

March 12, 2008

NOTICE OF ONE YEAR SUSPENSION OF WATER RIGHT

TO: Castlewood Community Golf Course Inc, 411 E Cemetary Rd., Castlewood
SD 57223-2206

FROM: Garland Erbele Chief Engineer
Water Rights Program *Garland Erbele*

SUBJECT: One Year Suspension of Water Right No. 5600-3

On March 11, 2008, the Water Management Board ordered:

That effective April 11, 2008, Water Right No. 5600-3 is suspended for the 2008 irrigation season for failure to submit the 2007 irrigation questionnaire.

If the 2007 irrigation questionnaire is received prior to April 11, 2008 the suspension will not take effect.

Suspension of the water right means water may not be pumped during the 2008 irrigation season. Consistent with the Board's order, you are not permitted to irrigate in 2008 unless the irrigation questionnaire is submitted by April 11th.

After April 11th, you may petition the Water Management Board to rescind the suspension. You will need to submit the 2007 irrigation questionnaire and a letter to our office requesting time on the agenda for the Water Management Board meeting scheduled for May 7, 2008 in Pierre, SD. The letter should include your reasons for not completing the 2007 irrigation questionnaire. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law.

Water Rights Staff will conduct compliance checks of suspended water rights this summer to determine if irrigation is taking place.

Please contact Genny McMath (605) 773-3352, if you have any questions.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

March 19, 2008

5600-3

Craig Bak
Castlewood Golf Course Inc
411 E Cemetary Rd
Castlewood SD 57223

Dear Mr. Bak:

On March 11th, the Water Management Board ordered Water Right No. 5600-3 be suspended if the 2007 irrigation questionnaire was not received prior to April 11, 2008. The questionnaire information for your water right has been received.

Since the irrigation questionnaire is on file, no violation has occurred and no suspension will take place. You are hereby authorized to irrigate during the 2008 irrigation season.

Enclosed is a copy of the form completed for you following your phone conversation with Genny McMath with our program. If you have any questions, please contact Genny at (605) 773-3352.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program

enclosure



5600-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 16, 2015

NOTICE

TO: CASTLEWOOD COMMUNITY GOLF COURSE, INC, 411 E CEMETARY RD,
CASTLEWOOD, SD 57223 2206

FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2014 Irrigation Questionnaire(s)

Our records indicate your 2014 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 5600-3. The request for the Questionnaire was dated October 17, 2014. The Water Management Board has directed that owners of water permits who have not submitted the 2014 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 5600-3 qualification:

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

The hearing will be held at **10:00 am, March 4, 2015** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. 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) 5600-3 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 4, 2015** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. If you prefer, you can complete the questionnaire online at the following link: <http://denr.sd.gov/iq.aspx>

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



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182

January 22, 2015

5600-3

Castlewood Community Golf Course Inc.
411 E Cemetary Rd
Castlewood SD 57223 2206

Dear Sir:

I am writing to acknowledge receipt of your 2014 irrigation questionnaire.

You may disregard the January 16, 2015, "Notice" concerning reporting requirements for Water Right No. 5600-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

5600-3

RECEIVED

DEC 16 2021

WATER RIGHTS
PROGRAM

Mail to: DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	(office use only) No. _____ Hydrologic Unit _____
	Basin _____
	Newspaper _____

Application For Permit To Appropriate Water For Irrigation

Type of Application: ☐ New ☐ Vested Right ☒ Amendment/Correction to Permit No. 5600-3
(Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

WE WANT TO PUT A WELL RIGHT NEXT TO THE DUGOUT THAT
WE HAVE BEEN USING SINCE 1995

1. Name to Appear on Irrigation Permit Castlewood Community Gold Course

Note: The "Name to Appear on Irrigation Permit" must be the name in which the property to be irrigated is held in.

Mailing Address Castlewood Community Gold Course Castlewood S.D. 57223
(Address) (City) (State) (Zip Code)

Phone 605 7932220 Mobile 605 8813548 Email dgerhold@itctel.com

2. Amount of water claimed _____ *CFS or 400 **GPM _____ ***AF Total Acreage 31
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply Dugout

4. Location of point of diversion _____
(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)

County Hamlin5. County or counties where water will be used Hamlin6. Annual period during which water is to be used April thru October

7. List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
(Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
<u>N 1933' x W 2250' of the</u>	<u>31</u>		
<u>NW 1-114-52</u>			

8. Give a description of the project. (Attach sheet if more space is needed)

WE WANT TO PUT A WELL WITH APPROXIMATE DEPTH OF
30' RIGHT NEXT TO THE DUGOUT THAT WE HAVE BEEN
USING SINCE 1995.

I, Doug Gerhold Supt, the applicant, certify under
Name of Person Title (if applicable)

penalty of perjury that I have read this application, examined the attached map, and that the matters stated are true. I further certify, if acting on behalf of an entity or individual other than myself, that I am authorized to submit this application.

Supplemental Information

(type or print)

1. Well Information (check one or both as applicable) ☒ Drilling new well(s) ☐ Using existing well(s)a) If new wells, how many 1 Have test holes been drilled ☐ Yes ☒ No Drilled by _____
(if yes, please provide copies of logs)

b) If existing wells, how many _____ Provide copy of log(s), if available. Drilled by _____

For either Existing or Proposed Wells:

c) Well Depth (required) 30' Depth to Top of Water Bearing Material _____ Depth to Water from Surface 10'd) Distance to nearest domestic well on applicant's property 3/4 mile Property owned by others _____**2. Wastewater Disposal System Information**

a) Type of System (i.e. septic tank, drain field) _____

b) System Capacity (gallons) _____ Year Constructed _____

c) Connected to the City of _____ Sanitary System

3. Dugout Information

a) Surface Dimensions _____ Depth _____

b) Depth to water (ground surface to water level) _____

4. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to 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 (e.g. 3 to 1 is a typical slope)

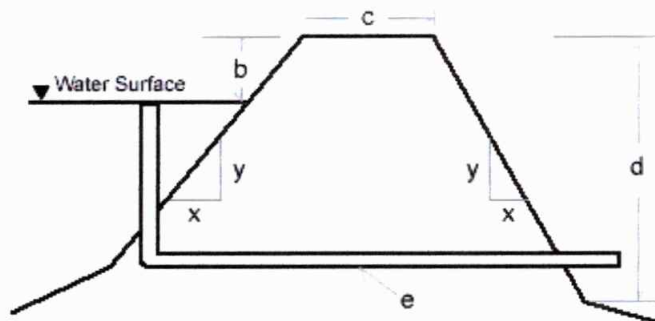
Upstream _____

Downstream _____

h) Surface Area of Impoundment _____

i) Storage _____ Acre Feet

j) Drainage Area Above Dam _____ Acres







115N 52W

Township: 115N 52W
Section: 35
QQ Sect: SESE

115N 52W
Section: 35

115N 52W
Section: 36

Township: 115N 52W
Section: 36
QQ Sect: SWSW

Township: 115N 52W
Section: 36
QQ Sect: SESW

Township: 115N 52W
Section: 36
QQ Sect: SWSE

Township: 114N 52W
Section: 02
QQ Sect: NENE

Township: 114N 52W
Section: 01
QQ Sect: NWNW

Township: 114N 52W
Section: 01
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Section: 01
QQ Sect: NWSW

Township: 114N 52W
Section: 01
QQ Sect: NESW

Township: 114N 52W
Section: 01
QQ Sect: NWSE

Approval of Change or Addition of Diversion Point

NAME: Castlewood Community Golf Course

ADDRESS: 411 Cemetery Road East, Castlewood, SD, 57223

DATE: January 12, 2022 **COUNTY:** Hamlin **TELEPHONE:** 605-792-2220

GENERAL DESCRIPTION OF AUTHORIZED PROJECT:

This additional diversion point request is for Water Right No. 5600-3. Water Right No. 5600-3, with a priority date of 11/18/1991, is authorized a diversion rate of 0.88 cfs and licensed to irrigate 78 acres. The water right holder is authorized to pump water from a dugout located in the SW ¼ NW ¼ Section 1; T114N-R52W. The dugout is completed into and is supplied water from the Big Sioux: Brookings aquifer.

AUTHORITY:

Pursuant to SDCL 46-5-13.1, the location of a diversion point may be changed, or additional diversion points may be licensed, provided the following conditions are met and the potential for interference with other existing diversions is not increased:

- **Developed water source same as permitted source and no additional water appropriated**

The permit holder proposes to add a diversion point by installing a well (approximately 30 feet deep) next to the existing dugout in the SW ¼ NW ¼ Section 1; T114N R52W. The water source for the proposed well remains the Big Sioux: Brookings aquifer and no additional water is requested for appropriation.

- **If irrigation, no new land is irrigated**

Water Right No. 5600-3 is authorized to irrigate 78 acres. The application for this diversion point change or addition states that 31 acres will be irrigated. Due to this discrepancy in the number of acres, a clarification phone call was initiated, on 1/11/2022, to Doug Gerhold, the superintendent of the Castlewood Community Golf Course. He stated that the 31 acres consisted of the greens, T-boxes, and fairways that is a portion of the authorized 78 acres. Therefore, same acreage will continue to be irrigated.

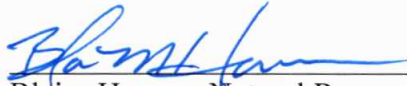
- **Review of Existing Diversions**

There are currently 270 active water right/permits appropriating water from the Big Sioux: Brookings aquifer, with one at approximately 0.4 miles to the south (downstream) of this diversion. Since there is no increase in diversion rate and irrigated acres and, no history of

complaints associated with this permit, there is reasonable probability that this diversion point addition will not adversely or unlawfully impair existing rights.

RECOMMENDED ACTION

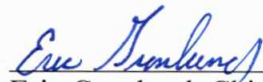
Based on the above criteria, it is recommended that the addition of the diversion point be authorized under Water Permit No. 5600-3.



Blaise Hansen, Natural Resources Engineer
Water Rights Program

The Chief Engineer makes a finding pursuant SDCL 46-5-13.1 and ARSD 74:02:01:14.01 that:

This additional location does not increase the potential for adverse effects to existing diversions.



Eric Gronlund, Chief Engineer
Water Rights Program



5600-3

**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

January 12, 2022

Doug Gerhold
Castlewood Community Golf Course
411 Cemetery Road East
Castlewood, SD, 57223

Dear Mr. Gerhold,

I am writing in regard to Water Right No. 5600-3 and your request to add another diversion point by drilling a 30 feet deep well into the Big Sioux: Brookings aquifer.

Water Permit No. 5600-3, with a priority date of 11/18/1991, is authorized a diversion rate of 0.88 cfs and licensed to irrigate 78 acres. The water right holder is authorized to pump water from a dugout located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 1; T114N-R52W. Water from the dugout is obtained from the Big Sioux: Brookings aquifer. The proposed well is to be located directly adjacent to the dugout's existing location.

Upon review of the request and pursuant to SDCL 46-5-13.1, the additional diversion point is authorized without application or publication of a notice of hearing pursuant to SDCL 46-2A-4. This does not authorize an increase in diversion rates or number of irrigated acres as specified in Water Right No. 5600-3.

If you have any questions, please contact Blaise Hansen at (605) 773-3786.

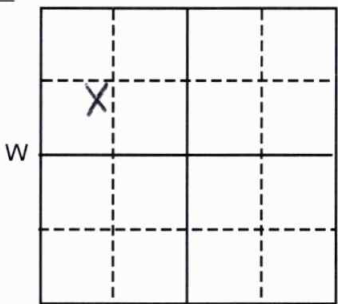
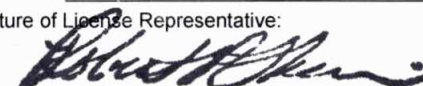
Sincerely,

Eric Gronlund, Chief Engineer
Water Rights Program

5600-3

SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location <u>SW ¼ NW ¼</u> Sec <u>1</u> Twp <u>114</u> Rg <u>52</u> County <u>Hamlin</u> Please mark well location with an "X"  Well Completion Date <u>3/16/2022</u>  Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? <u>150.0</u> ft. from <u>SEPTIC</u> (identify source)		Well Owner: <u>CITY OF CASTLEWOOD</u> Business Name: <u>CASTLEWOOD GOLF COARSE</u> Address: <u>204 EAST MAIN ST</u> City, State, Zip: <u>CASTLEWOOD</u> <u>SD</u> <u>57223</u>																																	
PROPOSED USE: ☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test holes ☒ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well		WELL LOG: <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">FORMATION</th> <th colspan="2">DEPTH</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>TOP SOIL</td> <td>0</td> <td>4</td> </tr> <tr> <td>SANDY CLAY</td> <td>4</td> <td>8</td> </tr> <tr> <td>GRAVEL</td> <td>8</td> <td>24</td> </tr> <tr> <td>GRAY CLAY</td> <td>24</td> <td>25</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		FORMATION	DEPTH		FROM	TO	TOP SOIL	0	4	SANDY CLAY	4	8	GRAVEL	8	24	GRAY CLAY	24	25															
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METHOD OF DRILLING: <u>MUD ROTARY</u>		STATIC WATER LEVEL <u>9.5</u> FEET If flowing: closed in pressure _____ PSI GPM flow _____ through _____ Inch pipe Controlled by ☐ Valve ☐ Reducers ☐ Other _____ Reduced flow rate _____ GPM Can well be completely shut in? _____																																	
CASING DATA: ☐ Steel ☒ Plastic ☐ Other If other describe _____ <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>PIPEWEIGHT</th> <th>DIAMETER</th> <th>FROM</th> <th>TO</th> <th>HOLE DIAMETER</th> </tr> </thead> <tbody> <tr> <td>_____ LB/FT</td> <td><u>12.00</u> IN</td> <td><u>0.0</u> FT</td> <td><u>15.0</u> FT</td> <td><u>18.00</u> IN</td> </tr> <tr> <td>_____ LB/FT</td> <td>_____ IN</td> <td>_____ FT</td> <td>_____ FT</td> <td>_____ IN</td> </tr> <tr> <td>_____ LB/FT</td> <td>_____ IN</td> <td>_____ FT</td> <td>_____ FT</td> <td>_____ IN</td> </tr> </tbody> </table>		PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER	_____ LB/FT	<u>12.00</u> IN	<u>0.0</u> FT	<u>15.0</u> FT	<u>18.00</u> IN	_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN	_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN	WELL TEST DATA: ☒ Pumped Describe: _____ ☐ Bailed ☐ Other Pumping Level Below Land Surface <u>18.0</u> Ft. After <u>4.0</u> Hrs. pumped <u>65.0</u> GPM _____ Ft. After _____ Hrs. pumped _____ GPM If pump installed, pump rate: _____ GPM													
PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER																															
_____ LB/FT	<u>12.00</u> IN	<u>0.0</u> FT	<u>15.0</u> FT	<u>18.00</u> IN																															
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GROUTING DATA: Grout Type No. of Sacks Grout Weight From To <u>BENTONITE</u> <u>5</u> _____ Lb/gal <u>0.0</u> Ft <u>13.0</u> Ft _____ Lb/gal _____ Ft _____ Ft Describe grouting procedure <u>TREMMIE PIPED</u>		REMARKS <u>GPS N 44 42.7908 W 97 1.39494</u>																																	
SCREEN: ☐ Perforated pipe ☒ Manufactured Diameter <u>12.00</u> Inches Length <u>10.0</u> Feet Material <u>STAINLESS STEEL</u> Slot Size <u>.070</u> Set From <u>15.0</u> Feet to <u>25.0</u> Feet Other information _____		This well was drilled under license # <u>475</u> and this report is true and accurate. Drilling firm: <u>THEIN WELL COMPANY, INCORPORATED</u> Signature of License Representative:  Signature of Well Owner or Equitable Property Holder: 																																	
WAS A PACKER OR SEAL USED? ☐ Yes ☒ No If so, what material? _____ Describe packer(s) and location _____		RECEIVED																																	
DISINFECTION: Was well disinfected upon completion? ☐ Yes, How? _____ ☒ No, Why Not? <u>IRRIGATION ONLY</u> Lab to which water quality sample sent for analysis _____ 		Date: <u>3-28-22</u> <u>APR 08 2022</u> WATER RIGHTS PROGRAM																																	