

Considered: _____

WATER PERMIT NO. 5411-3

528-3971

HAP No. _____

Name of Applicant Central Valley Golf Club (Mike Smith)

Post Office Address Hwy 38 Hartford SD 57033

Amount of Water Claimed 0.35 cfs ~~for~~ no additional Total Acres 25 existing + 48 additional = 73 ac.

Source of Water Supply well + 3 acre ~~lot~~ golf course lake supplied by well + runoff

Water to be used for irrigation County Minnehaha

About _____ miles _____ of Hartford

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved _____ Subject to _____

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

PRIORITY _____ Date Received 2/26/90 Fee \$150.00 Remarks land irrigated

will be the fairways + greens. Dugout reservoir will be supplied by well + runoff and
Corrected Application Received _____ and then irrigated from.
Period of Annual Use _____

WATER QUALITY APPROVAL RECEIVED _____ APPROVED/CONDITIONAL (Circle one)

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

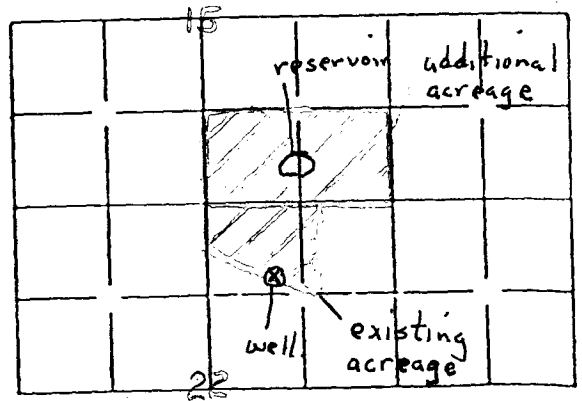
Diversion Point well - SW¹/₄ NE¹/₄ Sect 22 T102N-R51W

reservoir - S¹/₂ SE¹/₄ Sect 15 - T102N - R51W

Land to be Irrigated SE¹/₄ SE¹/₄ Sect 15 - T102N - R51W

SW¹/₄ SE¹/₄ Section 15 - T102N - R51W

NE¹/₄ Section 22 - T102N - R51W



Well Log: Driller Wagner Licensed YES X NO _____

Depth of Well 129 REMARKS _____

Type of Map Approval Plate PREPARED BY Betty Smith Kim Buell P.E. Reviewed and the Number

assigned on 3/21/90 By Eric Thonlund

FORM 2: Application for irrigation (type or print)
in South Dakota

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

(See instructions)

No. 5411-3 Hydrologic Unit 10170203
Basin Big Sioux River
Newspaper Sioux Falls Argus Leader

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 Central Valley Golf Club Phone No. (605) 528-3971
- Post Office Address Hwy 38 Hartford State SD Zip Code 57033
(Street, RR or Box) (City)
2. Amount of water claimed (c.f.s) 100 gpm from existing well Total acres irrigated Currently 25 acres; Proposed 48 acres
3. Source of Water supply Current well & runoff into reservoir
4. Location of point of diversion Current well (shown on map); proposed reservoir (shown on map) well - SW 1/4 NE 1/4 Section 22, T102N, R51W
dugout - S 1/2 SE 1/4 Section 15, T102N, R51W County Minnehaha
5. Counties where water will be used Minnehaha
6. Annual period during which water is to be used March 1 to November 31
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>SE 1/4 SE 1/4 15-102N-51W</u>	<u>20 acres</u>
<u>SW 1/4 SE 1/4 15-102N-51W</u>	<u>28 acres</u>
<u>NE 1/4 Sec 22-T102N-R51W</u>	<u>25 ac</u>
(under existing permit No. <u>3195-3</u>)	

Land Description	No. Acres Irr.

Attach sheet if more space is needed

8. Type of Irrigation: Gravity: _____ Towline: _____ Center Pivot: _____ Gun: ☒ Other: Electric (Specify) Pop-ups
9. Crops to be Irrigated: Bluegrass, Bentgrass, trees (ash, spruce, maple, cottonwood, pine, oak)
10. Give a description of proposed project. (Attach sheet if more space is needed)

Central Valley G.C. is expanding its 18-holes. A ~~the~~ 3-acre lake is proposed with an ave. depth of 10ft. This lake will be the reservoir for a new pumping station. Approx. 20 acres of runoff & our existing well will supply the new reservoir. See attached blueprint & sheet for additional information.

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 Minnehaha)^{ss}

I, Mike Smith, 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

Mike Smith

Subscribed and sworn to before me this

22nd

day of

Feb.

1990

Myra Borvintz

Notary Public

SOUTH DAKOTA
WATER PERMIT No. 5411-3 FOR IRRIGATION

Date of first receipt of application February 26, 1990.

Date Soil/Water Compatibility Permit received April 13, 1990.

The Water Management Board approved Water Permit Application No. 5411-3 on May 24, 1990 for Central Valley Golf Club, Hwy. 38, Hartford, SD 57033 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. 5411-3 authorizes the irrigation of an additional 48 acres in the S1/2 SE1/4 of Section 15 T102N-R51W. Water Right No. 3195-3 authorizes 0.35 cubic feet of water per second (cfs) from one well, 129 feet deep, located in the SW1/4 NE1/4 of Section 22 T102N-R51W to irrigate 25 acres. This Permit authorizes water to be diverted from the well at a rate of 0.35 cfs to a dugout (30 acre feet storage capacity) located in the S1/2 SE1/4 of Section 15 T102N-R51W. The dugout will also receive incidental runoff from a 20 acre drainage area. Water is to be diverted from the dugout at a rate of 2.67 cfs to irrigate the 48 additional acres and the 25 acres specified in Water Right No. 3195-3. This Permit does not authorize any increase in the 0.35 cfs diversion rate of the existing well as authorized by Water Right No. 3195-3.
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 - November 30.
3. The date from which applicant may claim right is February 26, 1990.
4. One-fifth of the construction is to be completed on or before November 24, 1992.
5. All construction is to be completed on or before May 24, 1995.
6. Water is to be put to beneficial use on or before May 24, 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. This permit is approved subject to the irrigation water use questionnaire being submitted each year.
2. Approval of Permit No. 5411-3 limits the diversion rate from the 30 acre feet storage dugout for irrigation to 1.04 cfs (468 gpm) unless the number of hours of irrigation per day are reduced to a corresponding equivalent time period and the total amount of water applied does not exceed 24 inches per year. At a pumping rate of 2.67 cfs (1200 gpm), the pumping time may not exceed 9.3 hours per day.

WATER MANAGEMENT BOARD

By: _____

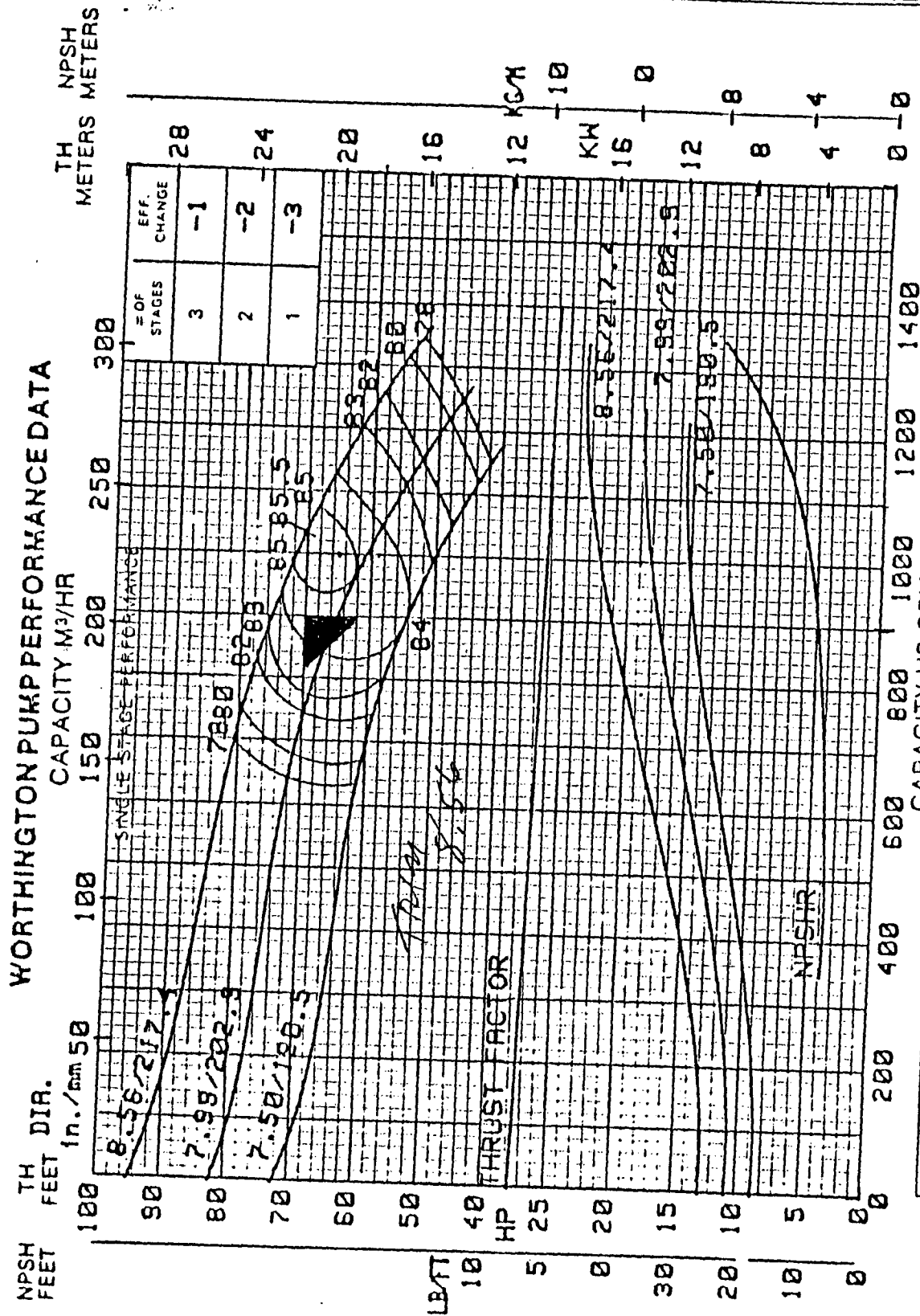
John M. Hatch
Chief Engineer, Water Rights Division
Department of Water and Natural Resources

JUN 21 1990

(date)

Customer _____ Project _____ Worthington S.O. _____
 Cust. Proposal/Order No. _____ Proposal/Order No. _____
 Customer Item No. _____ Certified By _____
 Date _____
 Liquid/Service _____ Sp. Gr. _____ Visc. _____ SSU _____
 Capacity _____ Head _____ Temp. _____ °F/°C Consistency _____ %

2400-8 Page 55
 June 1988
 Supersedes
 May 1986
 12M90A
 1770 RPM



CURVE NO.	SIZE	RPM
R-24200K	12M90A	1770

Customer _____
 Project _____
 Cust. Proposal/Order No. _____
 Customer Item No. _____
 Liquid/Service _____
 Capacity _____
 Head _____
 Sp. Gr. _____
 Temp. _____
 Visc. _____
 SSU _____
 % _____
 F/°C Consistency _____

Worthington S.O. _____
 Proposal/Order No. _____
 Certified By _____
 Date _____

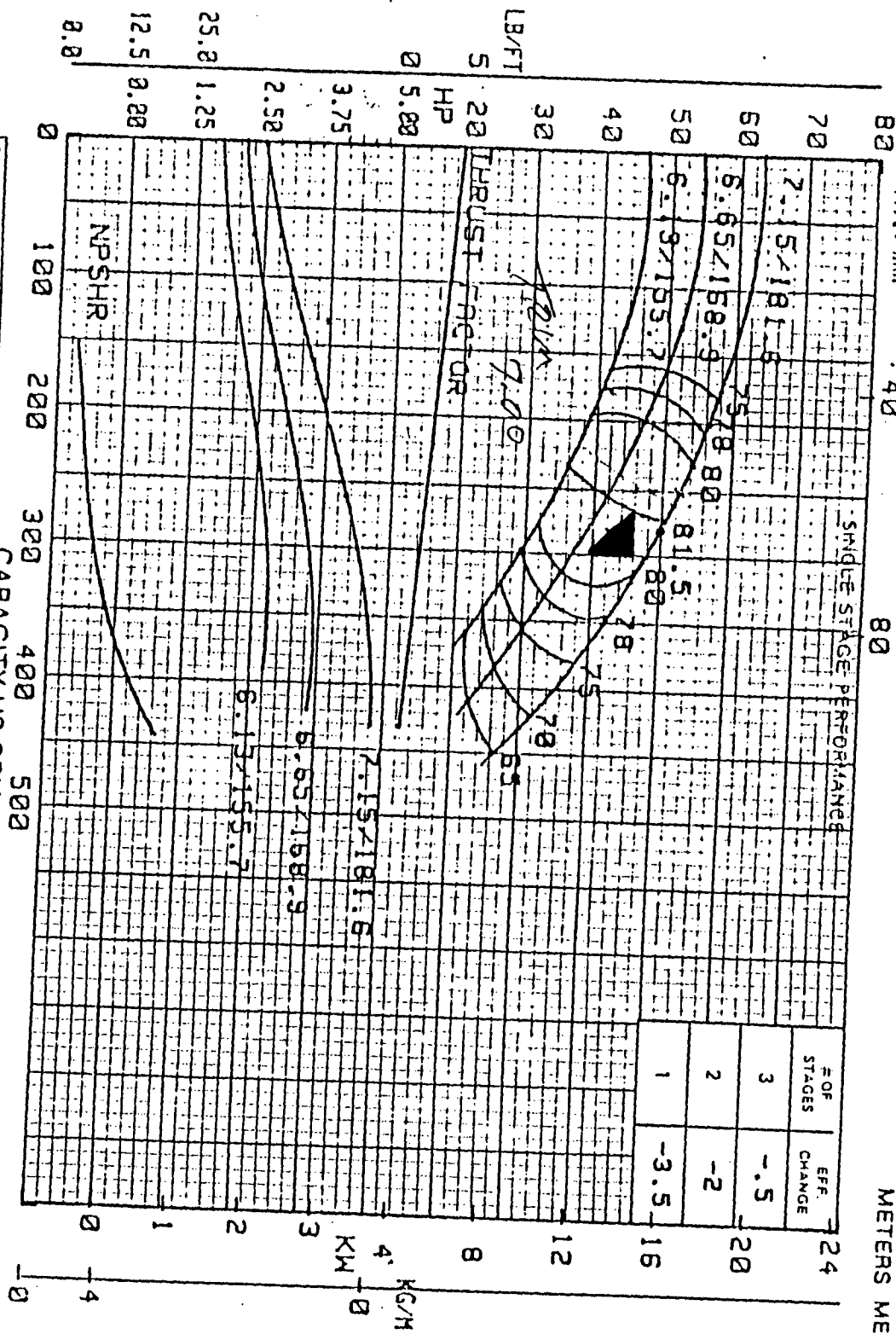
TH NPSH
METERS METERS

WORTHINGTON PUMP PERFORMANCE DATA

CAPACITY M³/HR
80

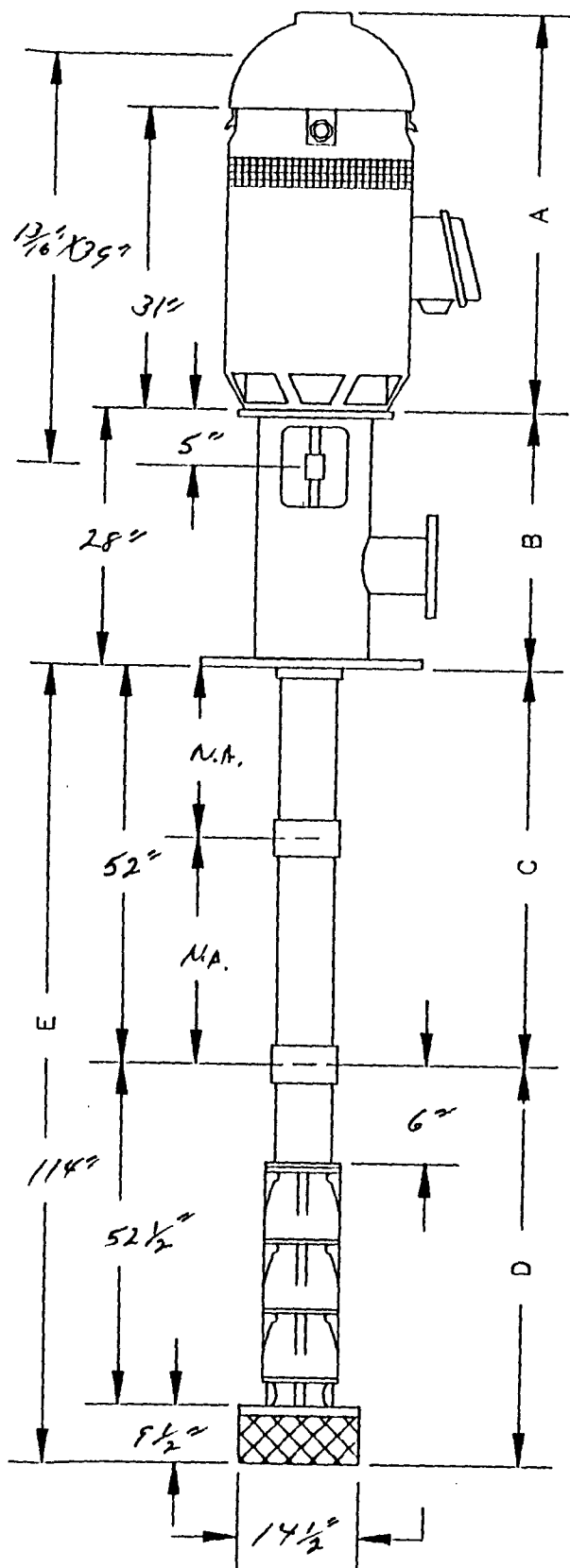
TH DIR.
FEET in./mm

NPSH
FEET



# OF STAGES	EFF. CHANGE
3	-.5
2	-2
1	-3.5

CURVE NO. _____ SIZE _____ CAPACITY US GPM _____
 R-24024K 10L22 1760



SECTION A
 DATE 4-23-80
 JOB NAME CENTRAL VALLEY
 JOB NO. 2405 SERIAL NO. 2405-B
 SHOP NO. 0164 SO NO. 00 2588
 MOTOR US HP 75 RPM 1770
 CD 31" BD 16.5 SRC 1 3/8" N.R.R. _____
 _____/ 460 VOLTS 3 PHASE 60 HZ.
 HEADSHAFT 1 3/8" X 39"

SECTION B
 DISCHARGE HEAD 616-F PB 1 3/8" X 4.5

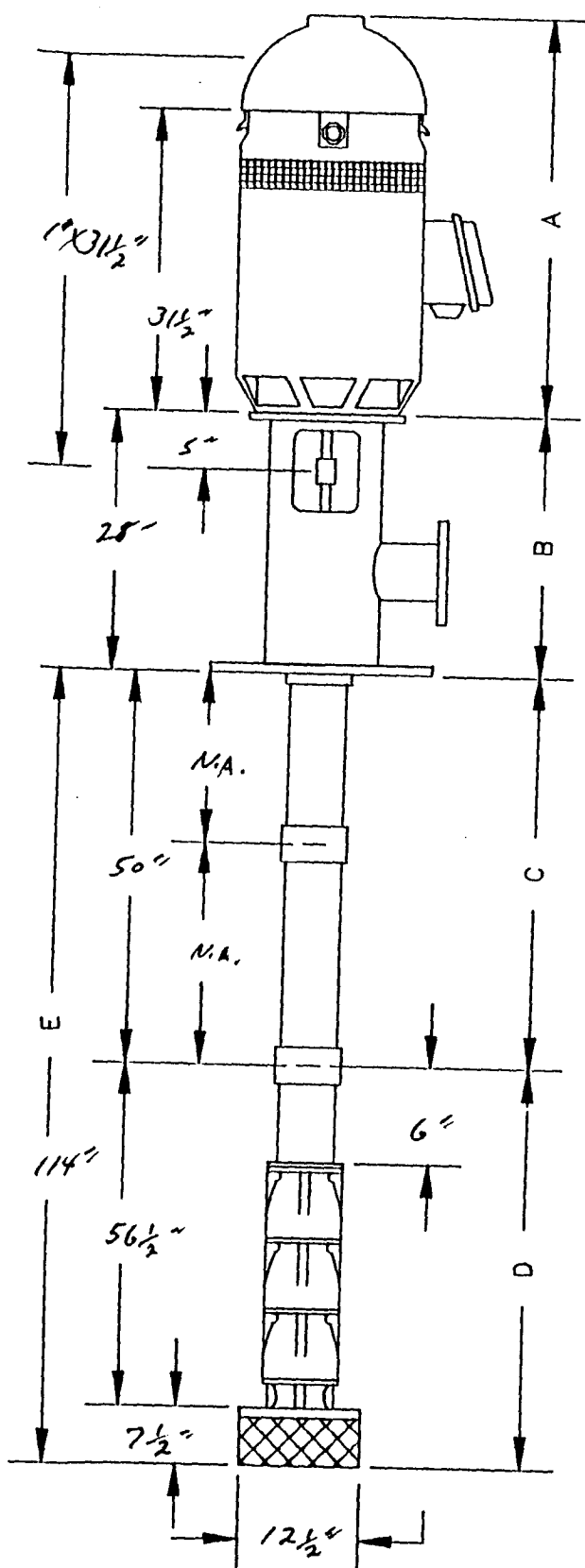
SECTION C
 TOP SHAFT 1 3/8" X 69"
 TOP COLUMN 6" X 52" FLG ✓ THD _____
 INTER.COLUMN _____ X _____ X _____ PIECES _____
 INTER.COLUMN _____ X _____ X _____ PIECES _____

SECTION D
 BOWL ASSY 12m 80 A NO. STAGES 4
 TRIM 8.30 TRIM (8.56)
 G.P.M. 800 TDH 277' PSI _____
 BOWL SHAFT 1 3/8" X 1 3/4" X 64 3/8" THD _____
 BASKET STRAINER _____ X _____ CONE _____ X _____

SECTION E
 LENGTH FROM BASE TO BOTTOM OF STRAINER
9 FT. 6 IN.

MISC SPECIFICATIONS

ALL PSI PUMPS ARE ASSEMBLED WITH STANDARD WALL COLUMN PIPE, 416 SS
 SHAFTING & COUPLINGS, 10 THREAD, BRONZE SPIDERS WITH RUBBER INSERTS, GRADE
 5 PLATED BOLTS AND GALVANIZED BASKET STRAINER, UNLESS OTHERWISE NOTED.



SECTION A
 DATE 9-23-90
 JOB NAME CENTRAL VALLEY
 JOB NO. 2405 SERIAL NO. 2507-A
 SHOP NO. 0163 SO NO. 002588
 MOTOR US HP 25 RPM 1760
 CD 24 3/4" BD 10 SRC 1" N.R.R. _____
 _____ / 460 VOLTS 3 PHASE 60 HZ.
 HEADSHAFT 1" X 3 1/2"

SECTION B
 DISCHARGE HEAD 410-F PB 1" X 4.5

SECTION C
 TOP SHAFT 1" X 67"
 TOP COLUMN 4" X 50" FLG ✓ THD _____
 INTER.COLUMN _____ X _____ X _____ PIECES _____
 INTER.COLUMN _____ X _____ X _____ PIECES _____

SECTION D
 BOWL ASSY 10622 NO. STAGES 6
 TRIM 7.00 Talm (7.15)
 G.P.M. 300 TDH 277' PSI _____
 BOWL SHAFT 1" X 1 1/2" X 66 1/2" THD _____
 BASKET STRAINER 7 1/2" X 12 1/2" CONE _____ X _____

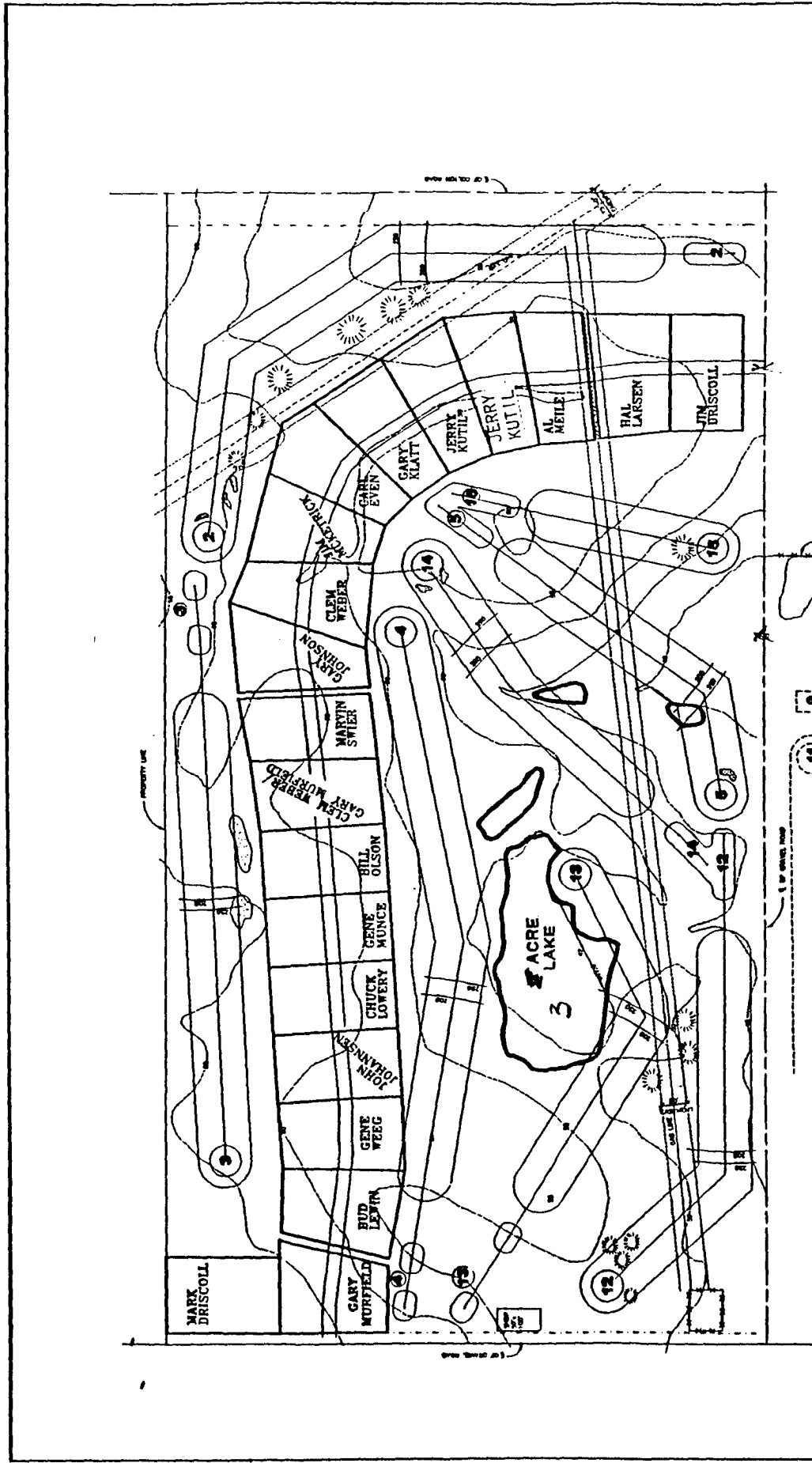
SECTION E
 LENGTH FROM BASE TO BOTTOM OF STRAINER
8 FT. 6 IN.
 MISC SPECIFICATIONS

ALL PSI PUMPS ARE ASSEMBLED WITH STANDARD WALL COLUMN PIPE, 416 SS
 SHAFTING & COUPLINGS, 10 THREAD, BRONZE SPIDERS WITH RUBBER INSERTS, GRADE
 5 PLATED BOLTS AND GALVANIZED BASKET STRAINER, UNLESS OTHERWISE NOTED.

SCOLL, JIM
 363-3301
 SCOLL, MARK
 371-1538
 N, CARL
 371-3221
 ANNSON, JOHN
 334-6086
 ANSON, MARTY
 371-3221
 ITT, GARY
 446-3895

KUTIL, JERRY
 528-6703
 LARSON, HALDON
 332-6006
 LEWIN, BUD
 363-3286
 LOWRY, CHUCK
 528-6111
 McKETRICK, JIM
 528-6527
 MEILE, AL
 528-3832

MUNCE, LAVONNE
 363-3188
 MURFIELD, GARY
 332-7161
 OLSON, BILL
 339-2521
 SWIER, MARV
 446-3645
 WEBER, CLEM
 332-5666
 WEEG, GENE
 528-6767



**CENTRAL VALLEY
 GOLF EXPANSION**
 HARTFORD, SOUTH DAKOTA 57058

CDS
 COMPUTERIZED DRAFTING SERVICES, INC.
 1000 10TH AVENUE - 10TH FLOOR
 SIOUX FALLS, SOUTH DAKOTA 57105
 (605) 336-1111
 FAX (605) 336-1112

NO.	DATE	DESCRIPTION	BY	CHKD.
1	10/1/88	PRELIMINARY SITE PLAN	J. DRISKOLL	
2	10/1/88	REVISION	J. DRISKOLL	
3	10/1/88	REVISION	J. DRISKOLL	
4	10/1/88	REVISION	J. DRISKOLL	
5	10/1/88	REVISION	J. DRISKOLL	
6	10/1/88	REVISION	J. DRISKOLL	
7	10/1/88	REVISION	J. DRISKOLL	
8	10/1/88	REVISION	J. DRISKOLL	
9	10/1/88	REVISION	J. DRISKOLL	
10	10/1/88	REVISION	J. DRISKOLL	
11	10/1/88	REVISION	J. DRISKOLL	
12	10/1/88	REVISION	J. DRISKOLL	
13	10/1/88	REVISION	J. DRISKOLL	
14	10/1/88	REVISION	J. DRISKOLL	
15	10/1/88	REVISION	J. DRISKOLL	
16	10/1/88	REVISION	J. DRISKOLL	
17	10/1/88	REVISION	J. DRISKOLL	
18	10/1/88	REVISION	J. DRISKOLL	
19	10/1/88	REVISION	J. DRISKOLL	
20	10/1/88	REVISION	J. DRISKOLL	
21	10/1/88	REVISION	J. DRISKOLL	
22	10/1/88	REVISION	J. DRISKOLL	
23	10/1/88	REVISION	J. DRISKOLL	
24	10/1/88	REVISION	J. DRISKOLL	
25	10/1/88	REVISION	J. DRISKOLL	
26	10/1/88	REVISION	J. DRISKOLL	
27	10/1/88	REVISION	J. DRISKOLL	
28	10/1/88	REVISION	J. DRISKOLL	
29	10/1/88	REVISION	J. DRISKOLL	
30	10/1/88	REVISION	J. DRISKOLL	
31	10/1/88	REVISION	J. DRISKOLL	
32	10/1/88	REVISION	J. DRISKOLL	
33	10/1/88	REVISION	J. DRISKOLL	
34	10/1/88	REVISION	J. DRISKOLL	
35	10/1/88	REVISION	J. DRISKOLL	
36	10/1/88	REVISION	J. DRISKOLL	
37	10/1/88	REVISION	J. DRISKOLL	
38	10/1/88	REVISION	J. DRISKOLL	
39	10/1/88	REVISION	J. DRISKOLL	
40	10/1/88	REVISION	J. DRISKOLL	
41	10/1/88	REVISION	J. DRISKOLL	
42	10/1/88	REVISION	J. DRISKOLL	
43	10/1/88	REVISION	J. DRISKOLL	
44	10/1/88	REVISION	J. DRISKOLL	
45	10/1/88	REVISION	J. DRISKOLL	
46	10/1/88	REVISION	J. DRISKOLL	
47	10/1/88	REVISION	J. DRISKOLL	
48	10/1/88	REVISION	J. DRISKOLL	
49	10/1/88	REVISION	J. DRISKOLL	
50	10/1/88	REVISION	J. DRISKOLL	
51	10/1/88	REVISION	J. DRISKOLL	

PRELIMINARY SITE PLAN
 SCALE: 1" = 10'-0"
 THIS PLAN IS TO BE USED FOR PRELIMINARY DESIGN ONLY.
 COMPUTERIZED DRAFTING SERVICES, INC. SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN.
 NOT FOR CONSTRUCTION

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 _____ On property owned by others _____

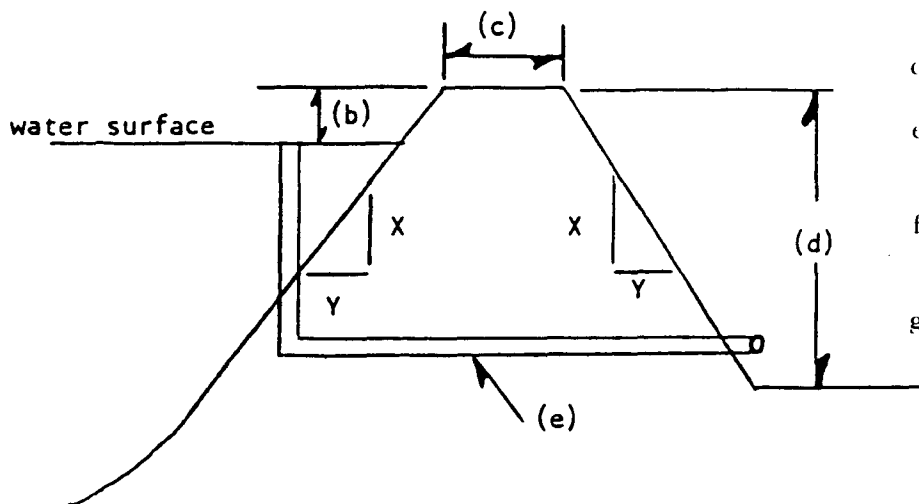
2. Dugout Information Estimates

- a) Surface Dimensions 450' x 300' Depth 10' ave.
- b) Depth to water (ground surface to water level) 2.5'

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 2.5'
- c) Crest Width 90'
Crest Length 550'
- d) Height 5.5'
- e) Primary Outlet Capacity 1000 gpm
If Pipe, diameter 12"
- f) Secondary Spillway Capacity 2500 gpm
Spillway width 100'
- g) X & Y Slope
Upstream 2:1 to 4:1
Downstream 4:1 to 50:1

Surface Area of Impoundment 135,000 ft²

Storage 30 acre feet

Drainage area above dam 20 acres

Mike Smith Supt. Central Valley
Signature of Applicant Golf Club

NAME OF PERSON OR FILE: Central Valley Golf Club (Mike Smith)
ADDRESS: Hartford COUNTY Minnehaha

DATE: 3/21 TELEPHONE 528-3977

RE: _____

COMMENTS:

Talked with a Mike Smith, he clarified that they are ~~currently~~ currently irrigating 25 acres not 28 acres under their existing permit 3195-3.

The permit ^{applic.} is to add 48 acres of irrigated land and add a diversion ^{point} ~~rate~~. No increase in the diversion rate is requested.

Water from the existing permitted well will be pumped to ~~the~~ a 3 acre reservoir. ^(30 ac. - 56) Water from the reservoir will be pumped (1000 gpm pump) to irrigate the fairways and greens.

The reservoir will be supplied with water from the well and 20 acres of surface run-off.

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.

NAME: Eric S. Gronlund

Conversation or File Documentation

NAME OF PERSON OR FILE: CENTRAL VALLEY GOLF CLUB (MIKE SMITH)ADDRESS: HARTFORD COUNTY MIDDLESEXDATE: 3/23/90 TELEPHONE 538-3571

RE: _____

COMMENTS:

Spoke with Mike Smith. The original 25 ac are to be irrigated from the new reservoir.

A 4" pipe will run from the existing well to the reservoir. The outlet from the reservoir is 12" pipe.

He indicated that they were planning on irrigating only 4 to 5 hours at a time to water the Golf Course but would enough water to be able to do this.

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.

NAME: Mark D. Smith

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

412105

Pierre, February 26, 1990

RECEIVED OF Central Valley Expansion Fund, Box 115, Hartford, SD 57033-0115

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

Fee for Application for Permit No. <u>5411-3</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

Department of Agriculture
WI#1
5/87

SOIL/WATER COMPATIBILITY PERMIT
Division of Conservation

Office Use Only

4469

WR#

OWNERS NAME: CENTRAL VALLEY GOLF CLUB OWNERS ADDRESS: Rwy. 38
Hartford, SD 57033

COUNTY LAND LOCATED IN: Minnehaha PHONE: 528-3971

LEGAL DESCRIPTION: GROUND WATER ☒ Well ☐ Surface
1. LOCATION 22-T102N-R51W ONLY

Depth: _____

Legal Description	Acres	Legal Description	Acres
<u>SE$\frac{1}{4}$ SE$\frac{1}{4}$ 15-T102N-R51W</u>	<u>20</u>		
<u>SW$\frac{1}{4}$ SE$\frac{1}{4}$ 15-T102N-R51W</u>	<u>28</u>		
<u>NE$\frac{1}{4}$ 22-T102N-R51W</u>	<u>25</u>		

2. TYPE OF IRRIGATION: GRAVITY: _____ TOWLINE: _____ CENTER PIVOT: _____ GUN: XXX OTHER: Electric
(Specify) Pop-ups
3. CROPS TO BE IRRIGATED: Bluegrass, Bentgrass, Trees (Ash, Spruce, Maple, Cottonwood, Pine, Oak)

WATER QUALITY:

4. WATER SAMPLE NUMBER: 90-0076 7. ADJUSTED (SAR): 2.81
5. SALINITY (EC X 10⁶): 2500 8. PERCENT SODIUM: 10.24
6. SODIUM (SAR): 0.94

Requirements:

The two areas mapped as Hidewood are subject to wetness and ponding. These areas shall not be irrigated.



Director, Division of Conservation

March 29, 1990

Date

XXX APPROVED XXX REQUIREMENTS
____ DISAPPROVED
____ WAIVER

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

Department of Agriculture
WI#1
5/87

SOIL/WATER COMPATIBILITY PERMIT
Division of Conservation

Office Use Only

4674

WR#

OWNERS NAME: CENTRAL VALLEY GOLF CLUB

OWNERS ADDRESS: Hwy. 38

Hartford, South Dakota 57033

COUNTY LAND LOCATED IN: Minnehaha PHONE: 528-3971

(SURFACE & GROUND WATER)

☒ Well

☒ Surface

LEGAL DESCRIPTION:

1. LOCATION 22-T102N-R51W

Depth _____

Legal Description	Acres	Legal Description	Acres
<u>SE 1/4 SE 1/4 15-T102N-R51W</u>	<u>20</u>		
<u>SW 1/4 SE 1/4 15-T102N-R51W</u>	<u>28</u>		
<u>NE 1/4 22-T102N-R51W</u>	<u>25</u>		

2. TYPE OF IRRIGATION: GRAVITY: _____ TOWLINE: _____ CENTER PIVOT: _____ GUN: X OTHER: Electric (Specify) Pop-ups

3. CROPS TO BE IRRIGATED: Bluegrass, Bentgrass, Trees (Ash, Spruce, Maple, Cottonwood, Pine, Oak)

WATER QUALITY:

4. WATER SAMPLE NUMBER: 90-0109

7. ADJUSTED (SAR): 0.32

5. SALINITY (EC X 10⁶): 280

8. PERCENT SODIUM 11.20

6. SODIUM (SAR): 0.28

Requirements:

The two areas mapped as Hidewood are subject to wetness and ponding. These areas shall not be irrigated.



[Signature]
Director, Division of Conservation

XXX APPROVED

DISAPPROVED

WAIVER

XXX REQUIREMENTS

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

April 2, 1990

Date

NOT TO SCALE



PLEASE COMPLETE
ENTIRE FORM

WELL DRILLERS REPORT
Division of Water Rights
Department of Water & Natural Resources

6/60

Well Owner:
Name Central Valley Golf Club.
Address Hartford

Well Location: North
Mark location with an "X"
W E
1 mile

County Minnesota
NE 1/4 Sec. 22 Twp. 102N Rg. 51W

Proposed Use:
☐ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:
☒ Forward Rotary ☐ Bored ☐ Jetted
☐ Reverse Rotary ☐ Cable ☐ Other

Well Construction:
Diameter of Hole 6"
Depth 129'
Casing ☐ Steel ☒ Concrete
☒ Plastic ☐ Other
If other, specify _____

Was casing end left open no
Was a well screen installed yes
Describe Well Screen
Diameter 6" Material plastic
Slot size .030
Was well gravel packed yes
Was well grouted no
Was water sample taken yes

Remarks:

Water Level Information:
Static water level 115' below land surface
If flowing: closed in pressure _____ PSI
rate of flow _____ GPM
Controlled by:
☐ Valve ☐ Reducers ☒ Other
If other; specify _____

Well Test Data:
☒ Pumped Describe: sub pump.
☐ Bailed
☐ Other
Pumping Level Below Land Surface
121 ft. After 2 Hrs. pumped 100 GPM
" " " " " "
" " " " " "

Well Log:
Depth
Formation From To
top soil 0 2
yellow clay 2 21
gray clay 21 121
sand 121 129
(Use Back If Necessary)

Date Completed: 10 Aug 82

Driller: Living Well Dr. License NO. 129
Driller's or Firm's Name
1401 E 63rd St No.
Address
Wayne W. Wagner
Signed By
28 Dec 82
Date





5411-3



Report on Application No. 5411-3
Central Valley Golf Club
March 23, 1990

Application No. 5411-3, Central Valley Golf Club, proposes to irrigate 48 acres in the S1/2-SE1/4 of Section 15-T102N-R51W in Minnehaha County in addition to 25 acres in the NE1/4 of Section 22-T102N-R51W which are covered under Water Right No. 3195-3. The water source is from an existing well located in the NE1/4 of Section 22-T102N-R51W. The well is currently used to irrigate the original 25 acres. There is to be no increase in the diversion rate of 0.35 cubic feet of water per second from the well. Water from the well is to be pumped through a pipe to a dugout having a storage capacity of 30 acre-feet. The dugout is to be constructed in the SE1/4 of Section 15-T102N-R51W. Water from the dugout will then be used to irrigate the 73 acres of the golf course.

Water Source

The dugout will be supplied by a combination of surface runoff and from a 200 feet deep well drilled into a Pleistocene aquifer (unknown). The reservoir which will have a storage capacity of 30 acre-feet will be used as the water supply for the irrigation of the 73 acres. A pump will draw water from the dugout at a diversion rate of 2.67 cubic feet per second, which is greater than the allowable 1 cubic foot per second per 70 acres.

Review of Existing Water Rights

There is only one existing water right located in the immediate vicinity. The City of Hartford, SD has a municipal well located in the same section as the golf course's well and approximately 1/2 mile away. Interference caused by the increased volume diverted by the Central Valley Golf Course well should not be a problem.

Conclusions

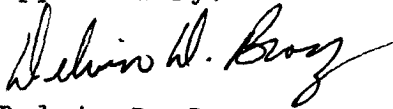
1. There is currently an ample supply of water available.
2. The increased volume of water to be diverted will not cause any interference with existing wells.
3. The permit should limit the total volume of water diverted to 2 acre-feet per acre per year for the 73 acres to be irrigated.
4. The permit should include the irrigation questionnaire qualification.

5. That the statutory limit of 1.0 cfs per 70 acres may not be exceeded when pumping unless the time of each water application is reduced to a corresponding equivalent time period and the total amount of water applied does not exceed 24 inches per year. At a pumping rate of 2.67 cfs, the pumping time may not exceed 9.3 hours per day.



Mark D. Rath
Natural Resources Engineer

Approved by:



Delvin D. Brosz
Natural Resources Engineer IV

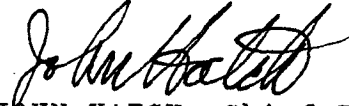
RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5411-3, Central Valley Golf Club

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. 5411-3, Central Valley Golf Club, Highway 38, Hartford SD.

The Chief Engineer is recommending APPROVAL of Application No. 5411-3 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. This permit is approved subject to the irrigation water use questionnaire being submitted each year.
2. Approval of Permit No. 5411-3 limits the diversion rate from the 30 acre feet storage dugout for irrigation to 1.04 cfs (468 gpm) unless the number of hours of irrigation per day is reduced to a corresponding equivalent time period and the total amount of water applied does not exceed 24 inches per year. At a pumping rate of 2.67 cfs (1200 gpm), the pumping time may not exceed 9.3 hours per day.

See the attached report for additional information.


JOHN HATCH, Chief Engineer
April 12, 1990



Department of Water & Natural Resources

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

April 16, 1990

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

Mike Smith
Central Valley Golf Club
Highway 38
Hartford, SD 57033

Dear Mr. Smith:

Water Permit Application No. 5411-3 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 Argus Leader printed at Sioux Falls 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,

A handwritten signature in cursive script, reading "Eric Gronlund".

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures



Department of Water & Natural Resources

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

April 16, 1990

Argus Leader
Box 5034
Sioux Falls, SD 57117-5034

ATTN: Legal Publications:

Enclosed is a Notice of Hearing on Application No. 5411-3 to be published twice. Please publish the first notice on or before April 26, 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 Central Valley Golf Club, Highway 38, Hartford, SD 57033.

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,

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 or before April 26, 1990 with 2nd publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 5411-3 to Add Acreage

Notice is given that Central Valley Golf Club, Highway 38, Hartford, SD 57033 has filed an application for a water permit to irrigate an additional 48 acres in the S1/2 SE1/4 of Section 15-T102N-R51W. Water Right No. 3195-3 authorizes 25 acres of irrigation from one well 129 feet deep located in the SW1/4 NE1/4 of Section 22-T102N-R51W at a rate of 0.35 cubic feet of water per second (cfs). Water is to be diverted from the well at a rate of 0.35 cfs to a dugout (30 acre-feet storage capacity) located in the S1/2 SE1/4 of Section 15-T102N-R51W. The dugout will also receive incidental runoff from a 20 acre drainage area. Water is to be diverted from the dugout at a rate of 2.67 cfs to irrigate the 48 additional acres and the 25 acres specified in Water Right No. 3195-3. This application does not authorize any increase in the 0.35 cfs capacity of the existing well as authorized by Water Right No. 3195-3.

Pursuant to SDCL 46-2A-2, the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 5411-3 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. This application will be considered by the Water Management Board in the Pelican Room, Ramkota Inn, Hwy 212, Watertown, SD on May 23, 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 May 11, 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 May 11, 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 Minnehaha)

I, Nancy A. Buckley

certify that the attached printed Notice was taken
 from the Argus Leader

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 Sioux Falls

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

Wednesday, April 25, 1990

Wednesday, May 2, 1990

Nancy A. Buckley
 (Signature)

Administrative Assistant
 (Title)

5/2/90

(Date Signed)

Cost of Printing: \$86.18



NOTICE OF HEARING
 on Application No. 5411-3
 to Add Acreage

Notice is given that Central Valley Golf Club, Highway 38, Hartford, SD 57033 has filed an application for a water permit to irrigate an additional 48 acres in the S1/2 SE1/4 of Section 15-T102N-R51W. Water Right No. 3195-3 authorizes 25 acres of irrigation from one well 129 feet deep located in the SW1/4 NE1/4 of Section 28-T102N-R51W at a rate of 0.35 cubic feet of water per second (cfs). Water is to be diverted from the well at a rate of 0.35 cfs to a dugout (30 acre-foot storage capacity) located in the S1/2 SE1/4 of Section 15-T102N-R51W. The dugout will also receive incidental runoff from a 20 acre drainage area. Water is to be diverted from the dugout at a rate of 2.67 cfs to irrigate the 48 additional acres and the 25 acres specified in Water Right No. 3195-3. This application does not authorize any increase in the 0.35 cfs capacity of the existing well as authorized by Water Right No. 3195-3.

Pursuant to SDCL 46-2A-2, the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 5411-3 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. This application will be considered by the Water Management Board in the Pelican Room, Ramkota Inn, Hwy 212, Watertown, SD on May 23, 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 May 11, 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 May 11, 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.

158

April 25, May 2, 1990



NOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USE

Date 12/18/91

TO: Water Rights Division, DWNR
Joe Foss Building
Pierre SD 57501-3181

FROM: Central Valley G.C. PO 155 Hartford SD 57033
name address city

I have completed the construction of the water diversion system and I have put the water to beneficial use to the maximum extent it is going to be used. I have not exceeded the amounts specified in Water Permit No. 5411-3.

Water Permit No. 5411-3 states that the diversion system is to be constructed by 7/30/90, and that the water it put to beneficial use by 8/30/90.

The diversion system was completed on 7/30/90.
Applying the water to beneficial use was completed on 8/30/90.

You may schedule an inspection so that the Water License may be issued.

Mike Amott Supt. Grnds.
signature Central Valley Golf Club



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

JUN 21 1990

Mike Smith
PO Box 355
Hartford SD 57033

Dear Mr. Smith:

Enclosed is Water Permit No. 5411-3 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". The signature is written in a cursive, flowing style.

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

enclosures

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

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



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

August 5, 1993

5411-3

Mike Smith
Central Valley Golf Course
Hwy. 38
Hartford, SD 57033

Dear Mr. Smith:

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. 5411-3, 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.

South Dakota Water Law 46-5-30.1 requires that a permit holder may not divert water until the \$50.00 license fee has been paid. Please contact us if you have any questions.

Sincerely,

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

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

X

Do not use this space

State of South Dakota VOUCHER

- ☐ Direct
☒ (Z) Travel
☐ (N) Non-Cash
☐ (C) Cash Receipt
- ☐ (T) Cash Transfer
☐ (I) Investment
☐ (B) Appropriation Budget Transfer

- ☐ (E) Expenditure Correction
☒ (R) Revenue Correction
☐ (P) Period Ending Adjustment
☐ (A) Other Adjustment

AGENCY USE ONLY			APPROVAL OFFICE ONLY	
Application Area 75	Vendor Number	Invoice ID	Voucher Number	Date
Date 12-9-93	Purchase Order ID	Document ID BZ05H004	Delivery Date	Payment Due Date
S T A P L E	TO: (Payee, Billed Agency)		FROM: (Department, Billing Agency)	
			DENR	

FUNDING INFORMATION										Debit/Credit			UC S O E D E R E
S E Q	Company	Account		Center		Project		Amount	Code	Invoices	Dr.	Cr.	
		Required	User	Required	User	Company	Number			Other	Dr.	Cr.	
1	5012	12891000		2021	2000025			501-01					
2	1000	12291003		2011	001100			501-01					
3													
4													
5													
6													
7													
8													
9													
10													
Total								1001-					

Description of Service, Product, or Transfer	
11500.00 from Central Valley Golf Club on Aug. 17 1993 deposited in the Drinking Water Fees. Should have been deposited in water rights inspection.	
Total	

I declare and affirm under the penalties of perjury that this claim has been examined by me, and to the best of my knowledge and belief, is in all things true and correct.

Claimant

Date

Authorization

Date

Authorization

Date

Permit No. 5411-3 (Incorporate No. 3195-3)

Big Sioux Water District

Report Of Examination Of Works And/Or Application of Water To Beneficial Use

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

I have this day made a thorough examination of the water use system constructed by Central Valley Golf Course of Hwy 38 Hartford, SD 57033 holder of Permit No. 5411-3, bearing the priority of February 26, 1990 authorizing the diversion of 1.04 cu. ft. per second and/or the storage of 30 acre-feet of the waters of unknown Pleistocene aquifer and local surface runoff for irrigation purposes, in Minnehaha County.

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

A. Works used to divert the water:

One well - 129 feet deep with 119' of 4" plastic casing and 10' of 4" plastic .030 slot screen; Reda submersible pump with 15 HP motor, 4", Model No. unknown, 158 GPM; this well supplies water to a 30 acre-feet diversion supplying both the existing 9 hole course (under No. 3195-3) and the addl. nine hole course (under No. 5411-3). Diversion system on existing nine holes - 4" Jacuzzi pump, 4 stages, from holding pond with 50 HP Century Motor (used for fairways) and 2" Rainbird pump, 4 stages, with 5 HP Marathon Motor (used for greens and tees), all Model Nos. unknown, capacity 200 GPM for both pumps, both operate at 40 PSI; Diversion system on new nine hole portion - 2 Worthington pumps - Model No. 12M90A, 6", 4 stages, 800 GPM @ 40 PSI with 75 HP Newman Motor, Model No. NA331-1; 2nd pump is Model No. 10122, 4 stages, 4", 200 GPM @ 40 PSI with Newman Motor, Model No. RGR286TPY, 25 HP. Dam Information: Height to crest- 5.5', crest width - 90', crest length - 550', height to secondary spillway - 2', secondary spillway length - 150', secondary spillway width - 100', primary outlet - 12" diameter galvanized steel pipe located 1735'W and 302'N of the SE corner of Section 15-T102N-R51W. Storage is at 30 acre-feet (normally maintained) and 37.5 acre-feet at crest of dam.

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

For existing nine holes (under No. 3195-3)- 1320' of 4" and 13,200 feet of 1.5", 2" and 3" plastic pipe; for new nine hole portion of course - 2825 of 2", 1775' of 2.5", 7720' of 3", 2455' of 4" and 2700' of 6" plastic pipe

C. Works used to apply water to beneficial use:

On existing nine holes - 58 couplers with Rainbird No. 808 sprinkler heads (use 8 at one time) with 3/8" orifice used on greens and tee boxes. 48 small pop-up sprinkler heads used on greens and tees. On new nine holes- 48 electric pop-up sprinklers for greens and tees as well as 107 quick couplers with Rainbird No. 808 sprinklers with 3/8" orifice for fairways.

he system is in the following condition excellent. The point of diversion is located 1350'S and 1680'W of the NE corner of Section 22-T102N-R51W (well). The point of diversion from the 30 acre-foot pond is located 1370'W and 470'N of the SE corner of Section 15-T102N-R51W. The works are capable of diverting and conveying to the place of use 2.76 cu. ft. per second of water and/or storing 30 acre-feet of water which is to be used for irrigation. Water has been put to beneficial use to the maximum extent as follows:

All in Section 15-T102N-R51W:

SW1/4 SE1/4 = 28 acres (No. 5411-3)

SE1/4 SE1/4 = 20 acres " "

All in Section 22-T102N-R51W:

NW1/4 NE1/4 = 13 acres (No. 3195-3)

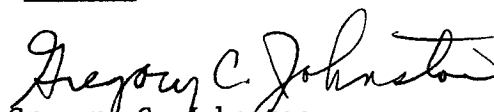
NE1/4 NE1/4 = 7 acres

SE1/4 NE1/4 = 5 acres

comprising a total of 73 acres of land and the license should be issued for 1.04 cfs and/or 30 acre-feet of storage.

Applicable permit qualifications have been complied with ☒ Yes ☐ No

Exceptions to compliance are: None Date 11/5/92


Gregory C. Johnston
Natural Resources Engineer
DENR, Water Rights Division

REPORT ON INSPECTION OF PERMIT NUMBER 5411-3

DATE 11/2/92

Other permit(s) associated with the project Incorporate with No. 3195-3

DIVERSION POINT LEGAL LOCATION: Existing well under No. 3195-3 located 1350'S and 1680'W of the NE corner of Section 22-T102N-R51W; Point of diversion from 30 acre-foot pond is located 1370'W and 470'N of the SE corner of Section 15-T102N-R51W

WELL INFORMATION: Well Drilling Firm Sioux Well Drilling

No. of Wells 1 Depth(s) 129

- a) **Casing:** 1) diameter 6 inches b) **Screen:** 1) type .030 slot plastic
2) length 119 feet 2) length 10 feet
3) type plastic

c) **Pump**

- 1) make in well - Reda submersible pump, Jacuzzi and Rainbird used on existing nine holes; 2 pumps out of pond (used on new nine holes) - both Worthington
2) model unknown for Reda, Jacuzzi and Rainbird pumps/12M90A/10122 for Worthington pumps
3) size 4/2/2/4/6 inches
4) capacity 200 GPM for Jacuzzi and Rainbird pumps, 158 (Reda)/1000/200 (two Worthingtons)
5) turbine pump - No. of stages all 4
6) operating pressure all 40 PSI
d) **Static Water Level** 115 feet

e) **Motor:**

- 1) make Reda/Century (used on Jacuzzi pump)/Marathon (used on Rainbird pump)/Newman (used on Worthington pumps)
2) model No. unknown for Reda, Century and Marathon motors/NA331-1/RGR286TPY(Worthingtons)
3) horsepower rating 15(Reda)/50(Century)/5(Marathon)/75/25 (Worthingtons) hp

DISTRIBUTION LINES OR CANALS:used on newer nine holes covered under No. 5411-3

- a) **type** all plastic b) **size** 2/2.5/3/4/6 inches c) **length** 2825/1775/7720/2455/2700 feet
Lines used on existing nine holes under No. 3195-3: 1320' of 4", 13,200 feet of 1.5", 2" and 3"; all plastic

System Type:

a)Permanent Sprinkler System - on new nine holes - includes 48 electric pop-up sprinklers for greens and tees as well as 107 quick couplers with No. 808 sprinkler heads with 3/8" orifice for fairways; on existing nine holes under No. 3195-3 - includes 58 couplers with

Rainbird No. 808 sprinkler heads (use 8 at one time) with 3/8 inch orifice on fairways.
48 small pop-up sprinkler heads used on greens and tees.

DAM INFORMATION:

- | | |
|---|---|
| a) height to crest <u>5.5</u> feet | k) outlet tubes: |
| b) height to primary spillway <u>N/A</u> feet | 1) diameter <u>12</u> inches |
| c) height to secondary spillway <u>2</u> feet | 2) type <u>Galvanized Steel</u> |
| d) crest width <u>90</u> feet | 3) valved <u>N</u> (Y/N) |
| e) crest length <u>550</u> feet | 4) valve type <u>N/A</u> |
| f) spillway length <u>150</u> feet | 5) location on structure <u>1735'W and 302'N of</u> |
| g) spillway width <u>100</u> feet | <u>the SE corner of Section 15-T102N-R51W</u> |
| | |
| h) approximate storage <u>30</u> ac-ft | |
| i) approximate storage to crest <u>37.5</u> ac-ft | |
| j) date constructed <u>1990</u> | l) category of dam (I,II,III) <u>N/A</u> |
| | m) inspection sheet completed <u>N</u> (Y/N) |
| | n) name of contractor: <u>Mike Smith</u> |

CHEMIGATION EQUIPMENT:

- a) does chemigate N (Y/N)

PERMIT QUALIFICATIONS AND REGULATIONS:

- a) Soil and water permit lands agree with lands being irrigated and lands listed on permit Y (Y/N)
- b) Special qualifications to permit being abided by Y (Y/N)
- c) All structures, wells and lands on map Y (Y/N)
- d) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Y (Y/N)

Water Permit No. 5411-3 authorizes the irrigation of an additional 48 acres in the S1/2 SE1/4 of Section 15-T102N-R51W. Water Right No. 3195-3 authorizes 0.35 cfs from one well, 129 feet deep, to irrigate 25 acres. This Permit authorizes water to be diverted from the well at a rate of 0.35 cfs to a dugout (30 acre-feet storage capacity) located in the S1/2 SE1/4 of Section 15 T102N-R51W. The dugout will also receive incidental runoff from a 20 acre drainage area. Water is diverted from the dugout at a rate of 2.67 cfs to irrigate the 48 additional acres and the 25 acres specified in Water Right No. 3195-3. This permit does not authorize any increase in the 0.35 cfs diversion rate of the existing well as authorized by Water Right No. 3195-3.

License No. 5411-3 limits the diversion rate from the 30 acre-feet storage dugout for irrigation to 1.04 cfs (468 GPM) unless the number of hours of irrigation per day are reduced to a corresponding equivalent time period and the total amount of water applied does not exceed 24 inches per year. At a pumping rate of 2.67 cfs (1200 GPM), the pumping time may not exceed 9.3 hours per day.

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 5411-3 FOR IRRIGATION

(1) Central Valley Golf Club of Hwy 38, Hartford SD 57033 made Application No. 5411-3, February 26, 1990 for a water permit to irrigate an additional 48 acres from 30 acre-feet storage dugout, Minnehaha County, South Dakota for irrigation purposes. Permit No. 5411-3, with a priority date of February 26, 1990 was approved May 24, 1990 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before May 24, 1995 and for the application to beneficial use of said water on or before May 24, 1999.

The permit holder submitted a "Notice of Completion of Works and Application of Water to Beneficial Use" on December 20, 1991. The "Notice" stated the diversion system was completed on July 30, 1990 and the water placed to beneficial use on August 30, 1990.

Water Permit No. 5411-3 authorized irrigation of an additional 48 acres located in the S 1/2 SE 1/4 Section 15 and retains a priority date of February 26, 1990. Water Permit No. 5411-3 also authorized water diverted from the well authorized by Water Right No. 3195-3 at a rate of 0.35 into a 30 acre-feet storage dugout. The land irrigated in the NE 1/4 Section 22 retains a priority date of September 7, 1976.

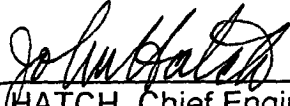
The applicable portions of Water Right No. 3195-3 have been incorporated into this Water License No. 5411-3.

(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 1.04 cubic feet of water per second for beneficial use. The location of the diversion points are: well - 1350 feet S and 1680 feet W of the NE corner Section 22-T102N-R51W (SW 1/4 NE 1/4), storage dugout - 1370 feet W and 470 feet N of the SE corner of Section 15-T102N-R51W (SW 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 15-T102N-R51W	SW 1/4 SE 1/4	28 acres
	SE 1/4 SE 1/4	20 acres
Section 22-T102N-R51W	NW 1/4 NE 1/4	13 acres
	NE 1/4 NE 1/4	7 acres
	SE 1/4 NE 1/4	5 acres
Total		73 acres

(4) Pursuant to South Dakota Water Law 46-5-30.1 Central Valley Golf Course of Hwy 38, PO Box 355, Hartford SD 57033 the holder and/or owner of Incorporated Water Permit No. 5411-3 is issued a license to appropriate water, the right to use 1.04 cubic feet of water per second from groundwater (one well) and a 30 acre-feet storage dugout with priority dates of September 7, 1976 and February 26, 1990 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 Incorporated Water Permit No. 5411-3 and subject to South Dakota State Law.


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

SEP 6 1995
date



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

SEP 6 1995

5411-3

Mike Smith
Central Valley Golf Course
Hwy. 83, P.O. Box 355
Hartford, SD 57033

Dear Mr. Smith:

Enclosed is Water License No. 5411-3. Water License No. 5411-3 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 Division
(605) 773-3352

rd
enclosures

NOTE: The applicable portions of Water Right No. 3195-3 have been incorporated into this Water License No. 5411-3.

I-10682 T1572

No. 5411-3/3195-3
CENTRAL VALLEY GOLF COURSE
HARTFORD, SD

Drawn by: Gregory C. Johnston
Gregory C. Johnston
Natural Resources Engineer III
Water Rights Division, DNR
7/16/92

Section 15 - T102N-R51W

No. 5411-3 (New nine holes)

No. 3195-3

All in Section 22 - T102N-R51W:

NW 1/4 NE 1/4 = 13 acres

NE 1/4 NE 1/4 = 7 acres

SE 1/4 NE 1/4 = 5 acres

SW 1/4 SE 1/4 = 28 acres

SE 1/4 SE 1/4 = 20 acres

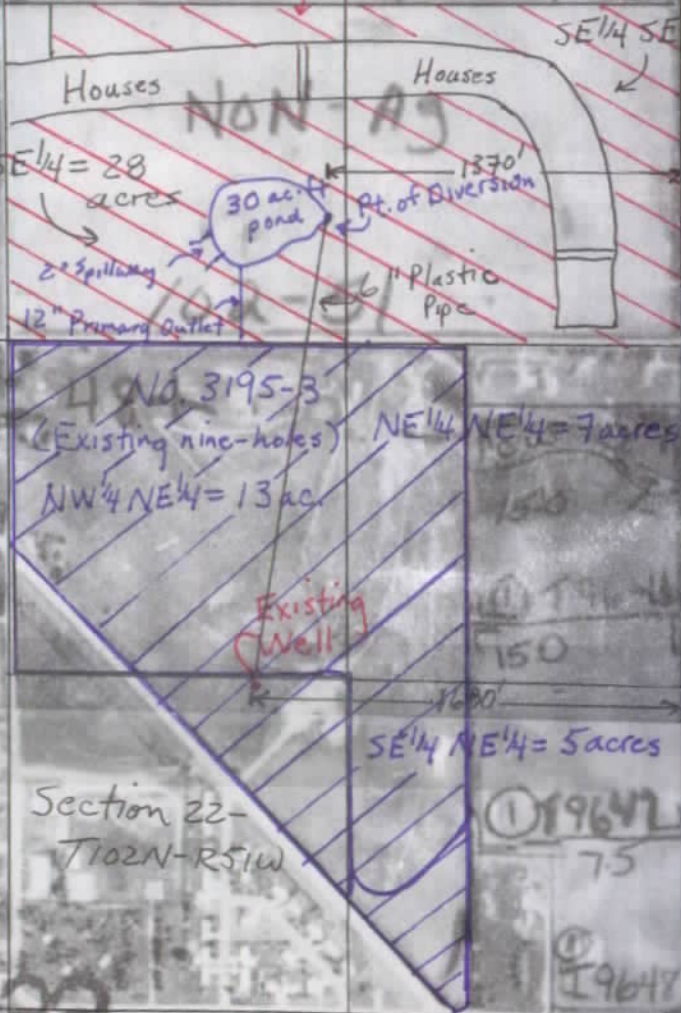
No. 5411-3

All in Section 15 - T102N-R51W:

SW 1/4 SE 1/4 = 28 acres

SE 1/4 SE 1/4 = 20 acres

Net Total = 73 acres



5411-3

Dewell, Amanda

From: Munyon, Dana
Sent: Wednesday, December 6, 2023 9:14 AM
To: Dewell, Amanda
Cc: Munyon, Dana
Subject: FW: [EXT] Atten: Amanda Dewell

From: mshome@goldenwest.net <mshome@goldenwest.net>
Sent: Wednesday, December 6, 2023 8:21 AM
To: DANR Mail <DANRMail@state.sd.us>
Subject: [EXT] Atten: Amanda Dewell

Good morning, Amanda -- My name is Mike Smith, Supt. Grounds @ Central Valley Golf Club, Hartford, SD. I submitted the irrigation questionnaire to the DANR, online yesterday, for the season's irrigation use at the golf course.

As I am retiring at the end of the calendar year, I would like to pass along the contact information for my replacement.

Central Valley Golf Club

Atten: Rob Dreesen

700 East Hwy. 38

Hartford, SD 57033

Rob.Dreesen@joingreatlife.com

(470) 715-2978

I have been blessed to work at Central Valley for the past 42 years, time to enjoy the summers without the golf course responsibilities, please feel free to contact with any questions or concerns,

thank you, Mike Smith



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

January 20, 2026

NOTICE

TO: CENTRAL VALLEY GOLF CLUB, RON DREESEN, 700 E HWY 38, HARTFORD, SD 57033
FROM: Ron Duvall, Engineer III
for Adam Mathiowetz, PE, Acting Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2025 Irrigation Questionnaire(s)

Our records indicate your 2025 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 5411-3. The request for the Questionnaire was dated October 8, 2025. The Water Management Board has directed owners of water permits who have not submitted the 2025 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) 5411-3 qualification:

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

The hearing will be held on **Wednesday, March 4, 2026 at 9:30 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. 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) 5411-3 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, 2026** 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 Shannon Konst at (605) 773-3352 or email at shannon.konst@state.sd.us. **If you prefer, you can complete the questionnaire online at the following link: <https://danr.sd.gov/iq> using this password: KFZBFH**

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



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

March 6, 2026

NOTICE OF ENTRY OF ORDER FOR ONE YEAR SUSPENSION OF WATER RIGHT

TO: Central Valley Golf Club, 700 E Hwy 38, Hartford SD 57033

FROM: Adam Mathiowetz, PE, Acting Chief Engineer
DANR - Water Rights Program

SUBJECT: One Year Suspension of Water Right No. 5411-3

On March 4, 2026, the South Dakota Water Management Board ordered:

- Effective April 3, 2026, Water Right No. 5411-3 be suspended for the 2026 irrigation season.

This action was taken by the Board for failure to return the 2025 irrigation questionnaire. If the 2025 irrigation questionnaire is received prior to April 3, 2026, the suspension will not take effect.

A one-year suspension of Water Right No. 5411-3 means water may not be pumped during the 2026 irrigation season. Consistent with the Board's order, you are not permitted to irrigate in 2026 unless the 2025 irrigation questionnaire is submitted prior to April 3, 2026.

After April 3, 2026, you may petition the Board to rescind the suspension. You will need to submit, to the Water Rights Program, the 2025 irrigation questionnaire and a letter including your reason for not completing the 2025 irrigation questionnaire within the allotted time and requesting time on the agenda for the next Water Management Board meeting. The next Water Management Board meeting is scheduled for May 6, 2026, in Pierre SD.

Decisions made by the Board may be appealed to the Circuit Court and State Supreme Court as provided by law.

Please contact Amanda Dewell, Water Rights Permitting Administrator (605) 773-3352 with any questions.

NOTE: Water Rights staff will conduct unscheduled compliance checks of suspended water rights to ensure irrigation is not taking place.

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Central Valley Golf Club
700 E Hwy 38
Hartford, SD 57033

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

CERTIFICATION

The undersigned hereby certifies under the penalty of perjury that I have personally mailed a true and correct NOTICE OF ONE- AND THREE-YEAR SUSPENSION OF WATER RIGHT dated March 6, 2026, via certified mail to the following parties.

Chance & Michelle Wientjes
PO Box 96
Mobridge, SD 57601

Vernon & Marlys Walkling
29832 267th Ave
Crookston, NE 69212

Vasgaard Properties
28746 462nd Ave
Centerville, SD 57014

Doug & Darla Van Gerpen
40930 305th St
Avon, SD 57315

John & Bryan Uecker
PO Box 573
Wagner, SD 57380

Twisted Land & Cattle Co.
C/O Brad Peterson
19030 391st Ave
Hitchcock, SD 57348

Tilton Ranch Inc.
C/O Janet Burback
2199 Skinner Rd
Belgrade, MT 59714

Dale Sprague
16221 Twilight Rd
Mud Butte, SD 57758

Greg & Evette Rihanek
814 E State St
Plankinton, SD 57368

Wayne Reiersen
30048 Reiersen Pl
Pollock, SD 57648

Charlotte or Phillip Nichols
7497 Rolling Meadow Dr
West Chester, OH 45069

Wilma Heien (Walter Heien)
PO Box 145
Blunt, SD 57522

David & Jerry Wieber
PO Box 238
Lidgerwood, ND 58053

Vintage Square Estates
PO Box 594
Ft Pierre, SD 57532

Valley View Farms Inc.
17716 458th Ave
Watertown, SD 57201

Kash & Trish Van Dyke
48549 219th St
Elkton, SD 57026

Oscar Inc.
C/O Floyd Peterson
209 27th St NW
Huron, SD 57350

Dan & David Trudeau
33927 478th Ave
Jefferson, SD 57038

Terrill Farms Inc.
C/O Tony Terrill
42099 176th St
Clark, SD 57225

Swan Creek Land Co. Inc
PO Box 435
Akaska, SD 57420

Six Mile Creek Golf Course
20307 483rd Ave
White, SD 57276

Robert Phelps Jr
16220 Spring Valley Rd
Piedmont, SD 57769

GW Evridge
20151 Saddle Ct
Whitewood, SD 57793

Mark & Melvin Morlock
33820 112th St
Eureka, SD 57437

Laverne Neuharth
33567 109th St
Eureka, SD 57437

Central Valley Golf Club
700 E Hwy 38
Hartford, SD 57033

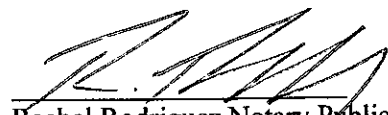
Dale & Mary Helen Bisson
PO Box 844
Ft Pierre, SD 57532

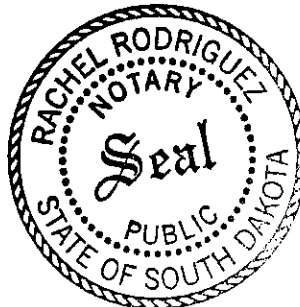
Ryan Edwards
25331 Yellow Eagle Rd
White River, SD 57579


Alyce McGhee
Senior Secretary-Water Rights

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

Sworn to, before me, this 6 day of March, 2026.


Rachel Rodriguez Notary Public
My Commission expires May 16, 2029





**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

March 25, 2026

5411-3

Central Valley Golf Club
C/O Rob Dreesen
700 E HWY 38
Hartford, SD 57033

Dear Mr. Dreesen:

This letter acknowledges receipt of your 2025 irrigation questionnaire that you submitted on March 25, 2026, for Water Right No. 5411-3.

The Water Management Board moved to suspend the water right listed above for one year if the required questionnaire was not submitted by April 4, 2026. Since we have now received your information, the prior "Notice of Entry of Order for One Year Suspension" no longer applies and may be disregarded.

Sincerely,

Shannon Konst

Shannon Konst
Water Rights Program
605 773-3352
Shannon.konst@state.sd.us