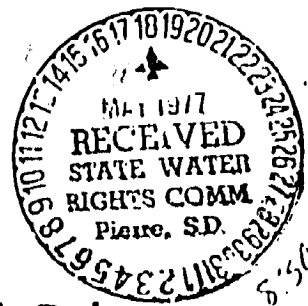


4232-3

1. Considered MARCH 28, 19 78
2. Name of Applicant CITY OF SIOUX FALLS
3. Post Office Address SIOUX FALLS
4. Amount of Water claimed .83
5. Source of Water supply '25' DEEP WELL
6. Water to be used for MUNICIPAL GOLF COURSE
Acres to be irrigated 50.00
7. Water to be diverted and used in MINNEHAHA County
about _____ miles NW EDGE of SIOUX FALLS
8. Proof of Publication
Received 3-15-78
Not Received _____
Approved _____
Subject to _____
Not Approved _____
Action Deferred _____
9. Application
10. Remarks:

No. 4231-3Map No. 3453-3 Water Division No. 3 BIG SIOUX RIVER District
(Blanks to be filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

(NOTE--Draw a line through items not applicable)

1. Name of Applicant Kenneth J. Munro, Director of Parks & Recreation Department
Postoffice address 600 East 7th, Sioux Falls, State SD
If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract
3. Name of diversion work Elmwood Golf Course Well
4. Amount of water claimed (cubic feet per second) .835 cubic feet per second/375 g.p.m.
5. Source of water supply water bearing sand-- Sioux Falls aquifer
6. Location of point of diversion SW $\frac{1}{4}$ NE $\frac{1}{4}$, SEC. 7, T101N, R50W, Wayne Township,
Minnehaha County, well will be located in Elmwood Park Golf Course
County Minnehaha
7. Annual period or periods during which water is to be used April to October
8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation of Golf Course
9. For irrigation use, Total number of acres to be irrigated 50

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

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
SE $\frac{1}{4}$ NE $\frac{1}{4}$, SEC. 7	40		
SW $\frac{1}{4}$ NE $\frac{1}{4}$, SEC. 7	10		

Attach sheet if more space is needed

10. Time required to complete construction of water supply system one years. Additional time required to complete application of water to the proposed beneficial use indefinite years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Sioux Falls Argus-Leader
12. Principal Features of the Proposed Water Supply System.

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

A well with casing, screening, gravel pack, with the necessary pumps, fittings, and pipe.

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

An existing underground irrigation system for greens, tees, and fairways at Elmwood Golf Course.

C. Works proposed to apply water to beneficial use.

An existing underground irrigation system with automatic pop-up sprinkler system.

Estimated Total Cost \$ 10,000.00Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map.
(See instructions concerning preparation.)

STATE OF SOUTH DAKOTA)

County of MINNEHAHA) ss.I, KENNETH MUNRO the applicant, certify that I have read the foregoing application and have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary construction.Signed Kenneth MunroSubscribed and sworn to before me this 23 day of May, 1977V. G. Winegarden
Notary Public (or other qualified officer)V. G. WINEGARDEN
Notary Public for South Dakota
Commission Expires Aug. 1, 1989Receipt for this Water Right
filed in W/R # 4231-3

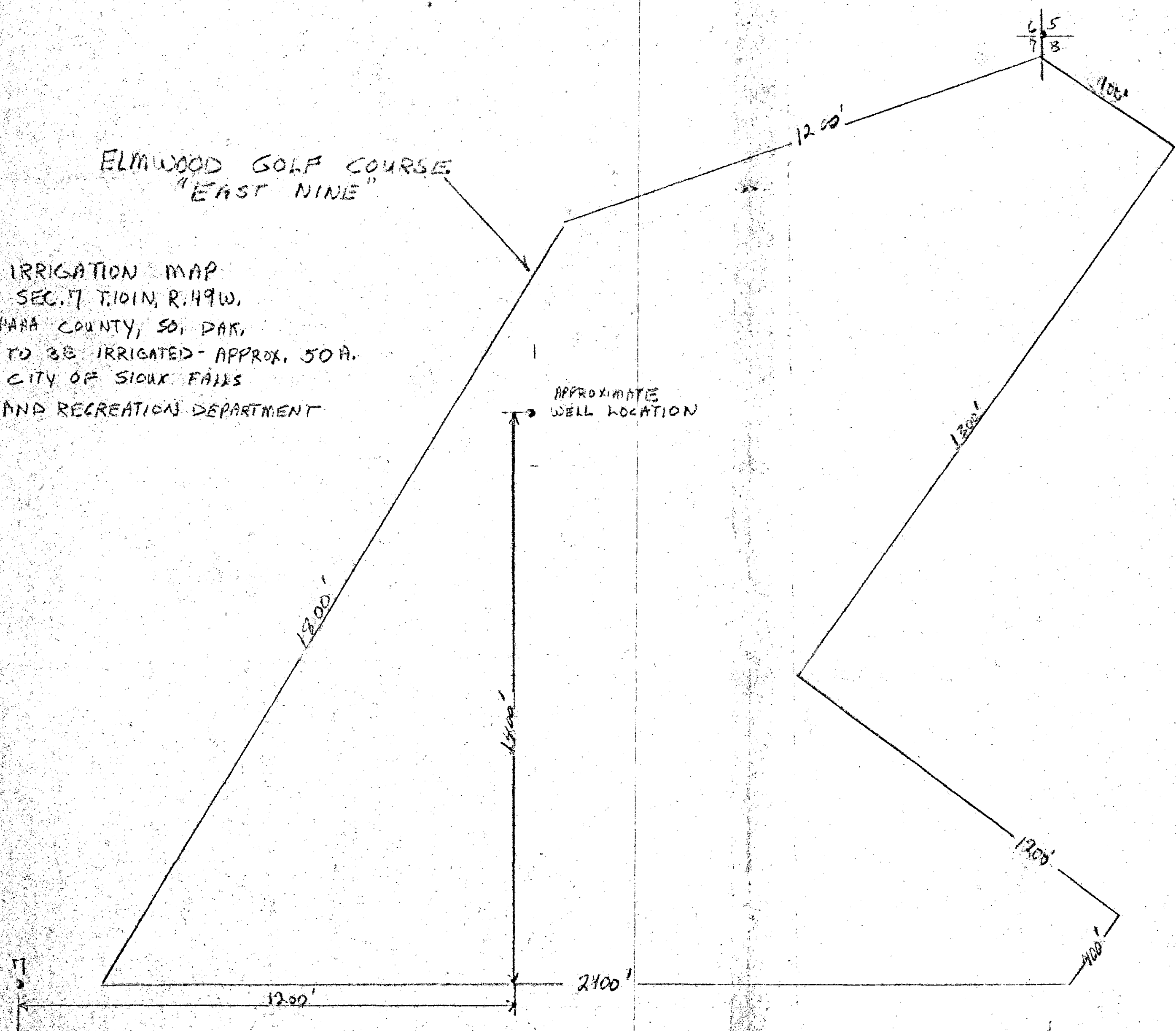
One receipt was made out for such applications

"
1" = 200'

N ↑

ELMWOOD GOLF COURSE
"EAST NINE"

LAND IRRIGATION MAP
NE 1/4 SEC. 7 T. 101 N. R. 49 W.
MINNEHANA COUNTY, SD, DAK.
LAND TO BE IRRIGATED - APPROX. 50 A.
OWNER CITY OF SIOUX FALLS
PARK AND RECREATION DEPARTMENT



I hereby certify that I have surveyed
and located the proposed well site as
shown on this plat.

Dated this 24th day of May, 1977

R. H. Johnson
Registered Professional Engineer
& Land Surveyor

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 4232-3
CITY OF SIOUX FALLS 600 E. 7th ST. SIOUX FALLS
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57102 With the following modifications:
 (State)

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

Date of first receipt of application MAY 18, 19 77
 Date of return to applicant for correction, amendments or changes required JUNE 24, 19 77
 Date of receipt of corrected application FEBRUARY 13, 19 78
 Approved MARCH 28, 19 78, Recorded in Book 19 Page 322

WATER RIGHT PERMIT NO. 4232-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 4232-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is FEBRUARY 13, 19 78
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before SEPT 28, 19 78
3. The whole of said work is to be completed on or before MARCH 28, 19 79
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is COMPLETED
5. The water appropriated shall be used for the purpose of GOLF COURSE IRRIGATION

6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.

7. The amount of the appropriation herein granted shall not exceed .83 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and if for the irrigation purposes said appropriation must be limited to not more than 3 acre feet per acre per year and be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied for irrigation on or before THIS DATE; said water to be used during the following described annual period: APRIL - OCTOBER

Witness my hand this 7th day of APRIL, 19 78

WATER RIGHTS COMMISSION

John Holm
 Chief Engineer, Executive Officer

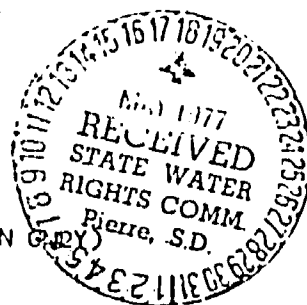
Certificate of Construction issued _____, 19 _____

Water License issued _____, 19 _____

CONFIRMATION
COMMISSION
FORM W1 #1

(no fee)

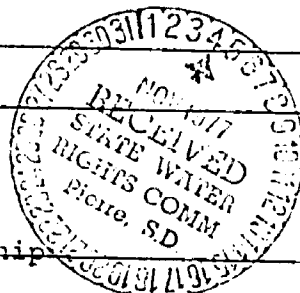
STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(THIS FORM REQUIRED FOR PROPOSED GROUND WATER IRRIGATION)



NAME Kenneth J. Munro, Director of Parks and Recreation

ADDRESS 600 East 7th, Sioux Falls, South Dakota 57102

COUNTY Minnehaha



LEGAL DESCRIPTION

1. WELL LOCATION SW 1/4 NE 1/4, SEC. 7, T101N, R01W, Wayne Township ^{B 49W}
2. LOCATION OF AREA TO BE IRRIGATED Same--Elmwood Park Golf Course

TYPE OF IRRIGATION Automatic underground system with pop-ups

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT _____ GUN _____
4. CROPS TO BE IRRIGATED Golf Course Greens, Tees, and Fairways

WATER QUALITY

5. SAMPLE NUMBER _____
6. SALINITY (EC X 10⁶) _____
7. SODIUM (SAR) _____
8. RESIDUAL SODIUM CARBONATE (meq/l.) _____

I do hereby certify that a chemical analysis of the ground water representative of that used to irrigate shall be acquired from South Dakota State University and the soils information has been acquired from _____ Conservation District, County Extension office or Soil Conservation Service, and:

that the legal description for the location of the well and land to be irrigated is true and correct.

K J Munro
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
10 DAY OF November 19 77.

Alfred J. Xipell
(TITLE OR SEAL)

Alfred J. Xipell
APPROVED/NOTARIZED

(SOILS INFORMATION ON REVERSE SIDE)

MAP
615

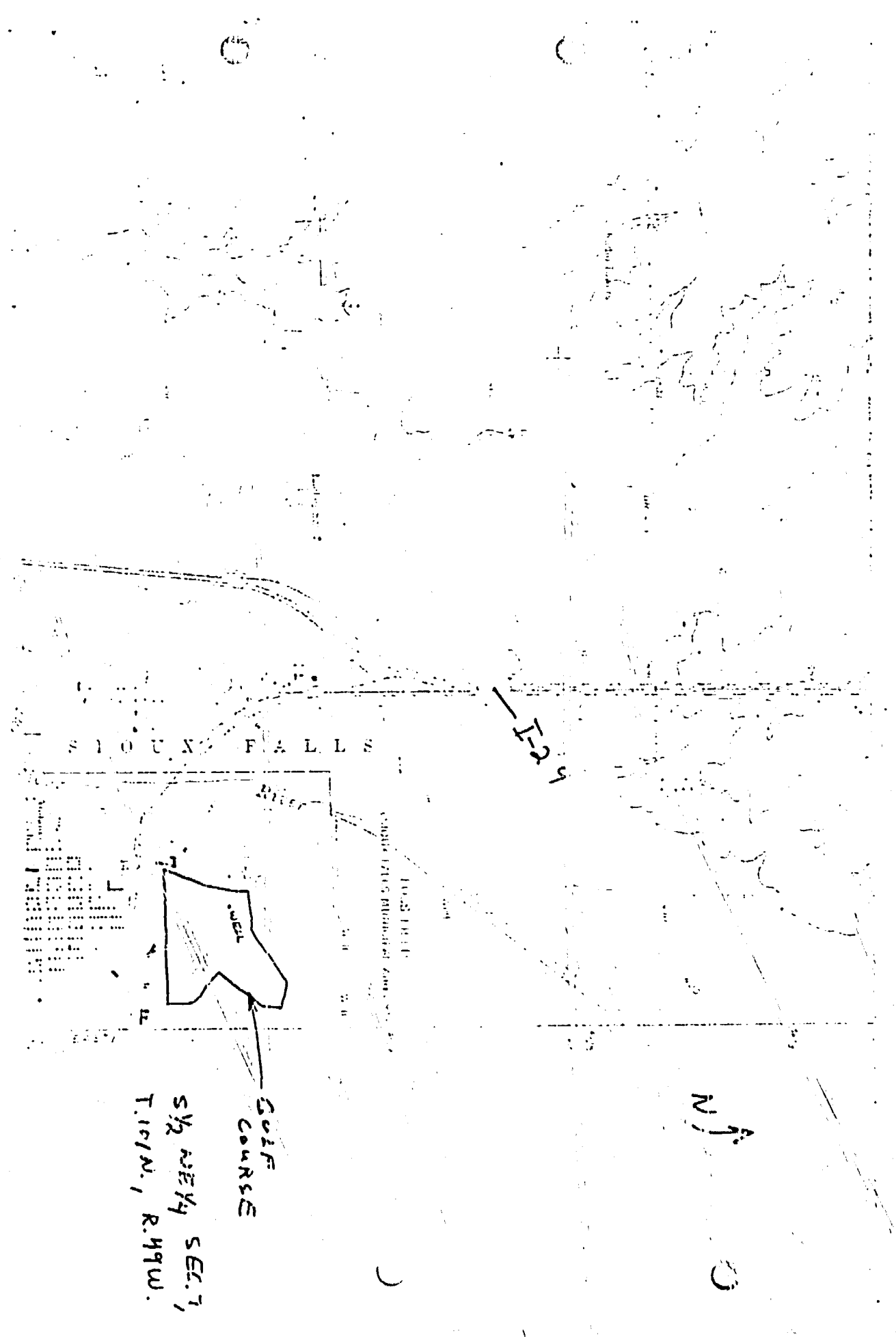
FARMER'S CLUB
COURSE

LW

NARRATIVE

LW - section clay, 1 to 2 percent slope

BEST IMAGE POSSIBLE
FROM POOR ORIGINAL



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

Submitted by: Elmwood Golf Course Date Rec'd September 7, 1977
 Address: c/o Park & Recreation Dep't. Sample No. 77-1370
600 East 7th St. Identification Well-
Sioux Falls, SD 57103 Net, Sec. 7, T 101N, R 49W

WATER ANALYSIS

Calcium (Ca)	199	ppm*	9.95	me/l**
Magnesium (Mg)	78	ppm	6.40	me/l
Sodium (Na)	46	ppm	2.00	me/l
Potassium (K)	4	ppm	0.10	me/l
Sulfate (SO ₄)	184	ppm	3.82	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	71	ppm	1.99	me/l
Bicarbonate (HCO ₃)	642	ppm	10.52	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	526	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1316	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.70			
Sodium	10.34	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.47			

*ppm=parts per million

**me/l=millequivalents per liter

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

COMMENTS: Total cations 18.45 me/l
 Total anions 16.33 me/l

By: Shirley Kitten

Service Performed

Amount Due

Irrigation analysis

\$15.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 77-1370

Amount Enclosed \$

Signed

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

D. Well Information or Estimates

- (1) Drill Hole, Diameter 20', Depth 39'
- (2) Casing, Type steel Diameter 20' Thickness .553
(wood, concrete, steel, etc)
- (3) Perforated Screen.
Type Stainless Steel, Diameter 12', Length 10'
- (4) Gravel Pack. Thickness 8', Length of gravel pack 12'

E. Dugout Information or Estimates.

- (1) Surface dimensions _____, Depth _____

F. Fill out for Either a Well or a Dugout.

- (1) Water Bearing Materials. (Please attach a copy to test well log if available.)

Character of Water bearing materials Water bearing sand and gravel of
Big Sioux Aquifer.

Depth to top of water bearing material 12'

Depth to bottom of water bearing material 27'

Thickness of water bearing material 12'

Depth to water (ground surface to water level) 12'

- (2) Distance to nearest existing household or livestock watering wells.

On same owner's property N/A rds. On property owned by others N/A rds.

G. Water Storage Dams.

If the proposed water use system contains one or more water storage dams, please show in the space below, the height, maximum water depth, surface area and storage capacity of each storage dam. The location of each water storage dam should be shown on the water right map.

K. J. Munn
Signature of Applicant

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 4232-3

(1) WHEREAS, On the 18th day of May A. D. 1977
the City of Sioux Falls

made Water Right Application No. 4232-3 for a permit to use 0.83 cubic feet per second of the waters
of groundwater (one well)

County of Minnehaha, State of South Dakota, for irrigation

purposes; and
(2) WHEREAS, On the 28th day of March A. D. 1978
Permit No. 4232-3, with a date of priority of February 13, 1978

was issued to said applicant for the diversion of said water, and provided for the completion of construction of the water
supply system therein described on or before the 28th day of March A. D. 1979 and for the
application to beneficial use of said water on or before the 28th day of March A. D. 1979

and:

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to completion of the construction of the water supply system and is entitled to divert 0.71 cubic feet
per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to the application of water to beneficial use of the following extent,
to irrigate 50 acres located in the E 1/2 NE 1/4 and SW 1/4 NE 1/4, Section 7,
T10N, R49W for Elmwood Golf Course.

(5) NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota, We hereby grant and confirm to _____
_____ the City of Sioux Falls, South Dakota

_____ ~~XXX~~ _____
the holder 8 and owner 8 of said permit No. 4232-3 a water right, dating from February 13, 1978
_____ to use of 0.71 cubic feet per second of the waters
of groundwater (one well)
in the County of Minnehaha and State of South Dakota, or so much thereof as may be necessary for the
purposes hereinbelow mentioned, to be diverted at a point 1520' west and 1000' north of the
E 1/4 corner, Section 7, R101N, R49W (AC)

and conducted to and upon the E 1/2 NE 1/4 and SW 1/4 NE 1/4, Section 7,
T101N, R49W

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 4232-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 22nd day of December A. D.
Nineteen Hundred and Fifty-one

WATER MANAGEMENT BOARD

By:

John Hatch
Chief Engineer, Executive Officer
JOHN HATCH

Permit No. 4232-3

Water Diversion No. 3 Big Sioux River Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That the City of Sioux Falls

_____ the holder _____ of
Permit No. 4232-3, issued upon Application No. 4232-3, bearing date of priority of February 13,
1978 authorizing the diversion of 0.83 cu. ft. per second of the waters of _____
groundwater (1 well) _____ County of Minnehaha, State of South Dakota at _____
a point 1520' West and 1000' North of the E 1/4 corner, Section 7,
T101N, R49W
_____, for irrigation

_____ has ve complied with the provisions of the laws of the State of South Dakota relating to proof of
completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory
condition for diverting and conveying to the place of intended use 0.83 cu. ft. per second of water.

Date December 22, 1981



JOHN HATCH, Chief Engineer
Water Rights Division

Publish first publication, on or before March 10, 1978

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

February 27, 1978

Notice is hereby given that

City of Sioux Falls

~~XXXXXXXXXXXXXXX~~

address is ~~XXXXXXXXXX~~, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-8; 46-2-9 thru 46-2-11, 46-2-13; 46-5-1 thru 46-5-8, 46-5-10 thru 46-5-22, 46-5-41, 46-6-3, 46-6-5, 46-6-6.1, 46-6-10, 46-6-14 and Commission Rules ARSD 52:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use .03 cubic feet of water per second of time from groundwater (one well)

through the Elmwood Golf Course Well, the point of diversion of which is to be located in the SW 1/4 NE 1/4

of Section 7, Twp. 101N, Range 49W Said water to be used ~~XXXXXXXXXXXXXXXXXXXX~~
~~XX~~
~~XX~~

~~to provide irrigation for golf course purposes~~

This Application No. 4232-3 will be considered by the Water Rights Commission at

~~The Great House, Watertown, SD~~ upon the 23rd day of March, 1978
at 10:00 A.M. The Commission is authorized to make a determination on this application at the hearing. All interested persons may appear and be heard. Any person who may be affected by a Commission decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the Commission in writing prior to the hearing or orally at the hearing.

NOTE: The final proof of publication
must be received before the hearing
date for the commission to take action.

WATER RIGHTS COMMISSION

Betty Westlund
Water Rights Specialist

cc:

City of Sioux Falls
600 E 7th St.
Sioux Falls SD 57102

Form 8 - Proof of Publication - Notice of Intent to Appropriate Water

No. 4232-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Minnehaha) ss.

I, JOHN K. KELL hereby
certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the Sioux Falls 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 Sioux Falls

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

March 7

March 14

[Signature]
(Signature)

Controller
(Title)

March 14, 1978

(Date Signed)

NOTICE OF HEARING
ON APPLICATION TO
APPROPRIATE WATER

Pierre, South Dakota 57501

February 27, 1978

Notice is hereby given that City of
Sioux Falls, South Dakota, has made
an application in accordance with the
provisions of SDCL 46-1-1 thru 46-1-4;
46-2-1 thru 46-2-11; 46-2-13; 46-5-1 thru
46-5-8, 46-5-10 thru 46-5-22, 46-5-41, 46-6-
1, 46-6-5, 46-6-6.1, 46-6-10, 46-6-14 and
Commission Rules ARSD 52:01:01:01
thru 52:01:01:13, for a permit to ap-
propriate for beneficial use, 83 cubic
feet of water per second of flow from
groundwater (one well) through the
Elmwood Golf Course Well, the point
of diversion of which is to be located in
the SW 1/4 NE 1/4 of Section 7, Twp. 101N
Range 49W. Said water to be used to
provide irrigation for golf course
purposes.

This Application No. 4232-3 will be
considered by the Water Rights
Commission at The Guest House,
Waterstown, SD upon the 28th day of
March, 1978 at 10 A.M. The Com-
mission is authorized to make a
determination on this application at
the hearing. All interested persons
may appear and be heard. Any person
who may be affected by a Commission
decision who desires to present
evidence or cross-examine witnesses
according to SDCL 1-26 may notify the
Commission in writing prior to the
hearing or orally at the hearing.

WATER RIGHTS
COMMISSION

Betty Westlund

Water Rights Specialist

March 7, 14, 1978



RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 8577

PIERRE, December 11, 1981

RECEIVED OF City of Sioux Falls (Elmwood Golf Course), 600 E. 7th St.
the following amount in fees for services rendered as provided for by law: Sioux Falls, SD 57102

Fee for Application for Permit to Appropriate Water No. (examination, processing, recording and filing)		
Fee for inspecting Construction, and issuing Cert. of Construction No. 4232-3	-----	50.00
Fee for inspecting Beneficial Use, and issuing Water License No. 4232-3	-----	
Fee for issuing Location Certificate-Dry Draw, No.	-----	
Fee for filing	-----	
Fee for certified copy of	-----	
Fee for Print copy of map	-----	
Fee for Certifying	-----	
Fee for	-----	
(any other work as provided by law)		
TOTAL		50.00

WATER RIGHTS COMMISSION

By *(John Hatch)*
Chief Engineer, Executive Officer
JOHN HATCH / *(br)*

Permit No. 4232-3Water Division 3 Big Sioux River Water DistrictREPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE

TO: WATER RIGHTS, WATER MANAGEMENT BOARD / FOSS BLDG., PIERRE, SOUTH DAKOTA 57501

I have this day made a thorough examination of the water use system constructed by CITY OF SIOUX FALLS
(ELMWOOD GOLF COURSE) of SIOUX FALLS holderof Permit No. 4232-3, bearing date of priority of FEBRUARY 13, 1978authorizing the diversion of .83 cu. ft. per second of the waters of GROUNDWATER
for IRRIGATION purposes, in MINNEHAHA County.

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

The Water Use System consists of,

A. Works used to divert the water:

52' DEEP WELL WITH 12" STEEL CASING - 12' SS SCREEN
BYRON JACKSON 6" PUMP (NO TAG) POWERED BY 40 HP
US ELECTRIC MOTOR

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

APPROXIMATELY 3 1/2 MILES OF 6" - 4" - 2 1/2" & 2"
BURIED PVC PIPE

C. Works used to apply water to beneficial use.

TORO SPRINKLER HEADS ON FAIRWAYS WITH 7/32 NOZZLES
RUN FROM 15-20 AT ONE TIME.
4 POP-UP SPRINKLERS PER GREEN & 1 PER TEE BOXThe system is in the following condition: GOODThe point of diversion is located 1520' W & 1000' N OF THE E 1/4 CORNER,
SECTION 7, T10N, R49WThe works are capable of diverting and conveying to the place of use .83 (375 GPM)cu. ft. per second of water which is to be used for IRRIGATIONWater has been put to beneficial use to the maximum extent as follows: ALL IN SECTION 7, T10N, R49WE2NE 1/4 } 50 ACRES
SW 1/4 NE 1/4 }comprising a total of 50 acres of land. = 71Date SEPTEMBER 11, 1981[Signature]
(Signature)



4232-3

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501 3181

NOV 14 1994

5556-3

Larry Weires
Elmwood Golf Course
City of Sioux Falls
Parks & Recreation Department
600 E. 7th Street
Sioux Falls, SD 57102-0496

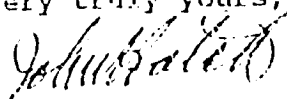
Dear Mr. Weires:

Enclosed is Water License No. 5556-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 413896 in the amount of \$50.00 which you paid for the inspection and issuance of the Water License.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 5556-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

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

Very truly yours,


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

gm
enclosures

NOTE: The applicable portions of Water Right No. 4232-3 have been incorporated into this Water License No. 5556-3.

map# 8483-3

1232-3

NOT TO SCALE

