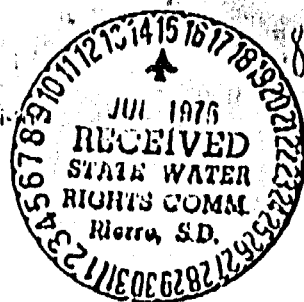


2886-3

1. Considered 9.29, 1976
2. Name of Applicant CITY OF SIOUX FALLS
3. Post Office Address _____
4. Amount of water claimed 3.1
5. Source of water supply 40' WELL
6. Water to be used for MUNICIPAL
Acres to be irrigated _____
7. Water to be diverted and used in MINNEHAHA County
about 3 1/2 miles of SIOUX FALLS
8. Proof of Publication
Received 1ST 9-24-76
Not Received _____
9. Application
Approved _____
Subject to _____
Not Approved _____
Action deferred _____
10. Remarks:

No. 2886-3Map No. 299-3 Water Division No. Big Sioux River (Blank 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 City of Sioux Falls
 Postoffice address City Hall; 9th & Dakota State South Dakota
 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 Well #39
 4. Amount of water claimed (cubic feet per second) 3.1 cfs
 5. Source of water supply Ground Water
 6. Location of point of diversion NW 1/4 of the NE 1/4 of Sec 20; T102N R19W

- County Minnehaha
 7. Annual period or periods during which water is to be used Continuous
 8. Use to be made of water (irrigation, industrial, municipal, commercial, recreation, etc.) Municipal
 9. For irrigation use, ----- Total number of acres to be irrigated -----

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.

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 2 years. Additional time required to complete application of water to the proposed beneficial use 1 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.
Sixteen foot diameter caisson 40 ft. deep with four to six perforated lateral pipe projecting from 100' to 200' horizontally into the water bearing sands and gravels.

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

Underground pipeline

C. Works proposed to apply water to beneficial use.

Existing water Purification Plant and Distribution System

Estimated Total Cost \$ 230,000

Attachments: 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

I, Ies Hash, 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.

Subscribed and sworn to before me this

Signed

13

day of

July

19

76

Clara M. Coker
 Notary Public (or other qualified officer)

MY COMMISSION EXPIRES
 JULY 1, 1981

WATER RIGHT APPLICATION APPROVAL

The Water ~~Right~~ ^{Rights} Commission hereby approves Water Right Application No. 2886-3
CITY OF SIOUX FALLS CITY HALL, 9TH & DAKOTA
 (Applicant) (Post Office Address)
SIOUX FALLS DAKOTA 57102 With the following modifications:

The ~~irrigation~~ wells 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 existing domestic wells.

PRIORITY FOR THIS PERMIT WAS ESTABLISHED UNDER FUTURE USE WITHDRAWAL NO 44B-3. DEVELOPMENT OF THESE WELLS REDUCES PERMIT NO 44B-3 BY 3.1 CFS, LEAVING 33.6 CFS FOR FUTURE DEVELOPMENT.

Date of first receipt of application JULY 15 19 76
 Date of return to applicant for correction, amendments or changes required — 19 —
 Date of receipt of corrected application — 19 —
 Approved SEPTEMBER 30, 76 Recorded in Book 116 Page 25

WATER RIGHT PERMIT NO. 2886-3

The Water ~~Right~~ ^{Rights} Commission hereby grants and issues this Water Right Permit No. 2886-3 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 LATE APRIL 8, 19 57
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before SEPTEMBER 30, 19 77
3. The whole of said work is to be completed on or before SEPTEMBER 30, 19 78
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is SEPTEMBER 30, 19 79
5. The water appropriated shall be used for the purpose of MUNICIPAL USE
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 3.1 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 use~~ USE FOR MUNICIPAL PURPOSES ~~and the irrigation of the above described land and the amount of water appropriated must be limited to not more than three cubic feet per acre per year and in no event more than one cubic foot of water per acre of land which water is actually and beneficially applied for irrigation on or before~~ SEPTEMBER 30, 19 79 said water to be used during the following described annual period: CONTINUOUSLY

Witness my hand this 23RD day of NOVEMBER 19 76

By:

John Hatch
 Chief Engineer, Executive Officer

Certificate of Construction Issued FEBRUARY 6 19 78

Water License Issued FEBRUARY 6 19 78

Form 2A - Wells, Dugouts or Water Storage Dams (Supplement to form 2)

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

D. Well Information or Estimates

- (1) Drill Hole, Diameter 19 feet, Depth 40 feet
- (2) Casing, Type Concrete Diameter 16 feet Thickness 18 inches
(wood, concrete, steel, etc.)
- (3) Perforated Screen.
Type Steel, Diameter 12", Length 40 125' Horiz.
- (4) Gravel Pack. Thickness -----, Length of gravel pack -----

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 Fine to coarse sand and gravel

Depth to top of water bearing material 8 feet

Depth to bottom of water bearing material 37 feet

Thickness of water bearing material 29 feet

Depth to water (ground surface to water level) 12-13 feet

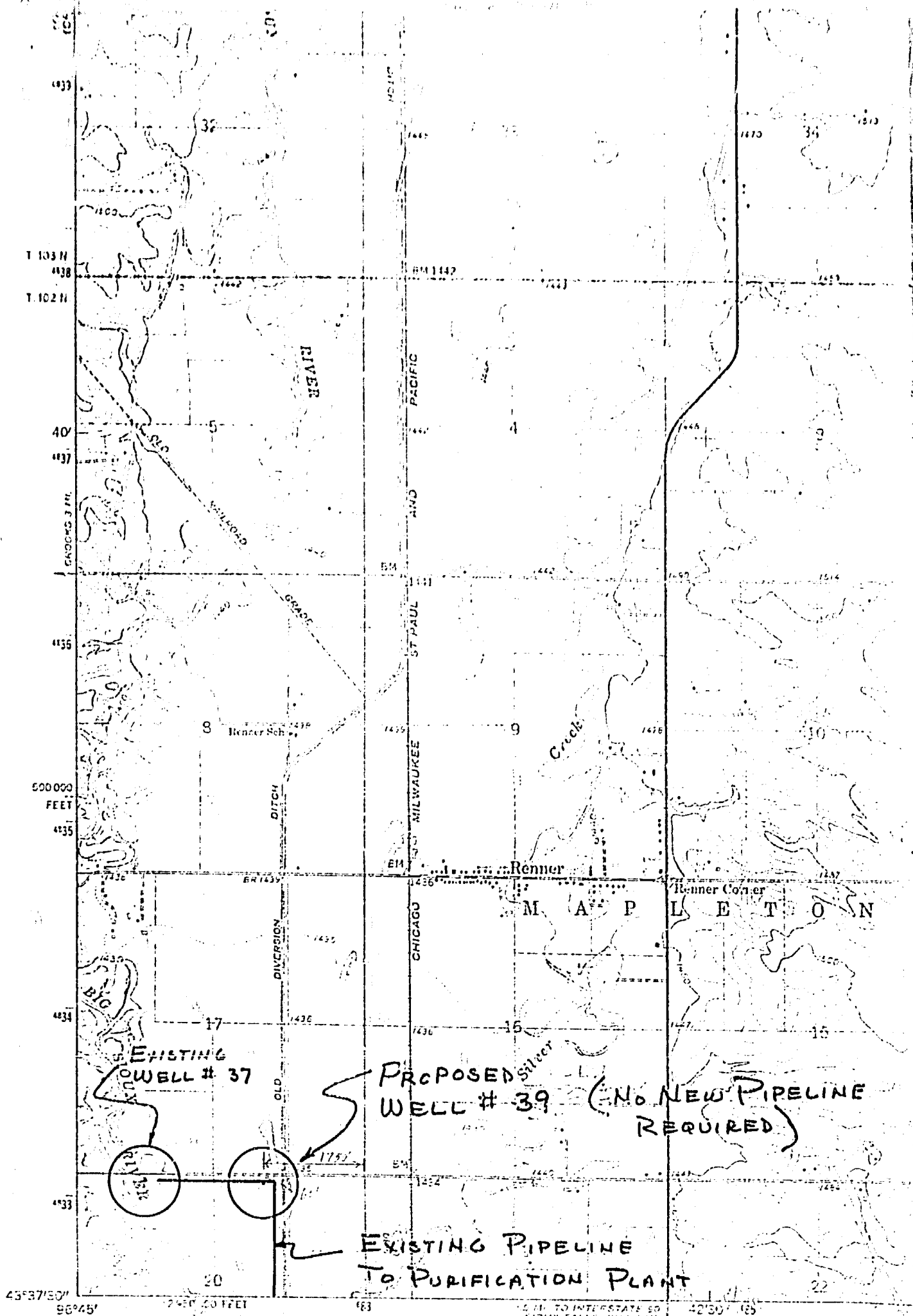
- (2) Distance to nearest existing household or livestock watering wells.

In same owner's property ----- rds. On property owned by others 320 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. -----

Leo Hosh
Signature of Applicant



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1958. Field checked 1962

Polyconic projection. 1927 North American datum
10,000-foot grid based on South Dakota coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks, zone 14, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1961 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

THIS MAP FOR SALE BY U.S. GEOLOGICAL SURVEY / FOLDER DESCRIPTION

A COPY OF THE "HYDROGEOLOGICAL
SURVEY AND PERFORMANCE TESTING"
FOR WELLS NO. 38 AND 39 FOR
THE CITY OF SIOUX FALLS IS IN
JIM GOODMAN'S FILES

MD $\frac{1}{4}$, ME $\frac{1}{4}$, SEC 2.0

MANLEY

Sheet 1 of 1 Sheets

Location: Site No. 37-A

Elevation (land surface at well) _____ Approx: _____ Measured: _____

Elevation (source of recharge) _____ Approx: _____ Measured: _____

Drilled By Minnehaha Waters, Inc. Static:

[illegible]

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2886-3

(1) WHEREAS, On the 15th day of July A. D. 19 76
the City of Sioux Falls

made Water Right Application No. 2886-3 for a permit to use 3.10 cubic feet per second of the waters
of groundwater

County of Minnehaha, State of South Dakota, for municipal

purpose; and

(2) WHEREAS, On the 23rd day of November A. D. 19 76

Permit No. 2886-3, with a date of priority of April 8, 1957

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 30th day of September A. D. 19 78 and for the
application to beneficial use of said water on or before the 30th day of September A. D. 19 79

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 3.10 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,

water is diverted through the city water distribution system for
municipal purposes

(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
the City of Sioux Falls

confirm to _____
_____ XX
_____ of _____

The holder _____ and owner _____ of said permit No. 2886-3 a water right, dating from April 8, 1957
_____ to use of _____ cubic feet per second of the waters

of groundwater

in the County of Minnehaha and State of South Dakota, or so much thereof as may be necessary for the
purposes hereinafter mentioned, to be diverted at _____
a point 1750'W and 60'S of the NE corner,

Section 20, T102N, R49W

and conduct to and from XXXXXXX through the city water distribution system

for the purpose of municipal use

Subject to any limitations listed in Water Right Permit No. 2886-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 6th day of February A.D.
Nineteen Hundred and Seventy-eight

WATER RIGHTS COMMISSION
By: John H. H. H.
Chief Engineer, Executive Officer

Permit No. 2886-3

Water Diversion No. 3 Sioux Falls Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That the City of Sioux Falls

_____ the holder _____ of
Permit No. 2886-3, issued upon Application No. 2886-3, bearing date of priority of April 8, 1977
_____ authorizing the diversion of 3.10 cu. ft. per second of the waters of _____
groundwater _____ Minnelaha
_____ County of _____, State of South Dakota at _____
a point 1760' N and 60' S of the NE corner, Section 20, T100N, R49W
_____, for municipal

purposes, has _____ 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 3.10 cu. ft. per second of water.

Date February 9, 1978

By: **WATER RIGHTS COMMISSION**
John Hatch
JOHN HATCH, Chief Engineer

Publish first publication, on or before ~~September 16~~, 19~~76~~

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

~~August 25~~, 19~~76~~

Notice is hereby given that the City of Sioux Falls
whose post office address is Sioux Falls, South Dakota, has made an application in accordance
with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use

3.1 cubic feet of water per second of time from the ground water through the
City Well #19, the point of diversion of which is to be located in the

NW 1/4 NE 1/4
of Section 20, Twp. 102N, Range 49W. Said water to be used for the purpose
of providing portions of ~~water for the following described land~~

municipal supplies for the City of Sioux Falls

This application No. 2886-3 will be considered by the Water Rights Commission at their office at
Pierre upon the 29th day of September, 19~~76~~, at 10:00 A.M. All interested
persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BEJ/bw

cc: Les Hush, City Hall, 9th and Dakota, Sioux Falls, S.D. 57102

Form 10.

No. _____



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

Post Office _____

Date July 5, 1977

TO: Water Rights Commission
Joe Foss Building
Pierre, South Dakota 57501

Dear Sirs:

This is to inform you that I have completed the construction of the water diversion system and/or that I have put the water to beneficial use to the maximum extent it is going to be used, not exceeding the amounts as specified in Water Right Permit No. 2886-3

Water Right Permit No. 2886-3 states that the diversion system is to be constructed by SEPT 30, 1977 and that the water is to be put to beneficial use by SEPT 30, 1978.

The diversion system was completed on JUNE 30, 1977.
Applying the water to beneficial use was completed on JULY 1, 1977.

You may schedule an inspection so that the Certificate of Construction and/or the Water License may be issued, thus completing my acquisition of a water right.

Thomas M. Mohan
(Signature)

57 Apr 22. 110 A.

Permit No. 2886-3

Well " 39

Water Division 3 Big Sioux River Water District

REPORT OF EXAMINATION OF WORKS AND/OR APPLICATION OF WATER TO BENEFICIAL USE

TO: Water Resources Commission, State Office Building No. 2, Pierre, South Dakota 57501

I have this day made a thorough examination of the water use system constructed by City of
Sioux Falls of City Hall 9 & 1 Dakota, Sioux Falls, S.D. holder 57102
of Permit No. 2886-3, bearing date of priority of April 8, 19 57
authorizing the diversion of 3.1 cu. ft. per second of the waters of Ground
for Municipal 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:

Motor - General Electric, Model. 5K6268X14572A
Ser # ANJ126138 75 HP, 1170 RPM
Pump - Peabody Floway, Ser # 7511529-2 75 HP,
160 TDH Size 14, 1400 gpm, 1175 RPM

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

Underground Pipeline

C. Works used to apply water to beneficial use.

Existing Water Purification Plant and Distribution System

The system is in the following condition: Excellent

The point of diversion is located 1750 st West and 6011 South of the
NE corner of section 20, T102N R49W

The works are capable of diverting and conveying to the place of use 3.1cu. ft. per second of water which is to be used for Municipal Use

Water has been put to beneficial use to the maximum extent as follows:

comprising a total of _____ acres of land.

Well Data:

Depth 40 ft.Dia. - 16 1/2 with 3 laterals
up to 125 ft long and 8" dia
Slotted steel pipe collector

1 ft from bottom

Pumping 1400 gpm

Date August 23 1977
LeRoy J. McManis
(Signature)

RECEIPT

WATER RIGHTS COMMISSION
State of South Dakota

No 4 6294

PIERRE, ~~January 5~~, 19~~44~~

RECEIVED OF City of Sioux Falls
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit to Appropriate Water No. (examination, processing, recording and filing)	
Fee for Inspecting Construction, and Issuing Cert. of Construction No. (2886-3)	50.00
Fee for Inspecting Beneficial Use, and Issuing Water License No. (2886-3)	
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 [Signature]
Chief Engineer, Executive Officer
~~RENNY~~ JOHN HATCH