

Water Right Number 4100-3

1. Considered (10-6), 1. 77
2. Name of Applicant CITY OF SIOUX FALLS
3. Post Office Address _____
4. Amount of water claimed 1.0
5. Source of water supply 35' WELL
6. Water to be used for MUNICIPAL
Acres to be irrigated _____
7. Water to be diverted and used in MINNEHAHA County
about 4 1/2 N Miles _____ of SIOUX FALLS
8. Proof of Publication
Received 9-21-77
Not received _____
9. Application
Approved _____
Subject to _____
Not approved _____
Action deferred _____
10. Remarks:

No. 4100-3
 Map No. 3334-3 Water Division No. 5 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 City of Sioux Falls
 Postoffice address City Hall; 9th & -kota State South Dakota
 If a corporation show date and place of incorporation N/A
 2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract
 3. Name of diversion work Well # 44
 4. Amount of water claimed (cubic feet per second) 1 cfs
 5. Source of water supply Groundwater
 6. Location of point of diversion 1102N, R49W Sec 17aba

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, N/A 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 1 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.

30" diameter, gravel pack well approximately 32' deep

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 systemEstimated Total Cost \$ 87,000

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, LEE HANSEN, 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 Lee HansenSubscribed and sworn to before me this 1st day of August, 1977

Notary Public (or other qualified officer)

My Commission Expires
 January 22, 1985

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 4100-3
CITY OF SIOUX FALLS CITY HALL, 9TH & DAKOTA, SIOUX FALLS
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57101 With the following modifications:
 (State)

PRIORITY FOR THIS PERMIT WAS ESTABLISHED UNDER FUTURE USE PERMIT NO 448-3. PERMIT NO 448-3 REFLECTS THE REDUCTION OF THE LOGS APPROVED UNDER THIS PERMIT, AND LEAVES 30.6 cfs FOR FUTURE USE.

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 AUGUST 4, 19 77
 Date of return to applicant for correction, amendments or changes required —, 19 —
 Date of receipt of corrected application —, 19 —
 Approved OCTOBER 6, 19 77, Recorded in Book 19 Page 117

WATER RIGHT PERMIT NO. 4100-3

The Water Rights Commission hereby grants and issues this Water Right Permit No 4100-3 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, ~~and~~ et, however, to the following limitations and conditions:

1. The date from which applicant may claim right is APRIL 8, 19 57
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before APRIL 6, 19 78
3. The whole of said work is to be completed on or before OCTOBER 6, 19 78
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is OCTOBER 6, 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 1.0 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~~ used for municipal purposes ~~and if for the irrigation purposes said appropriation must be limited to not more than 2 cubic feet per acre per year and be limited to not more than 11/70 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~~ applied for irrigation on or before OCTOBER 6, 19 79; said water to be used during the following described annual period: CONTINUOUSLY

Witness my hand this 2ND day of NOVEMBER, 19 77

WATER RIGHTS COMMISSION

By:

John Hatch
 Chief Engineer, Executive Officer

Certificate of Construction Issued NOVEMBER 12, 19 81

Water License Issued NOVEMBER 12, 19 81

BEST IMAGE POSSIBLE FROM POOR ORIGINAL

FIELD DATA SHEET

g. No.

Job No.

Crew Chief

Vehicle Required: Truck - All Terrain

SOIL CLASSIFICATION

Depth of Layer	Sample No./Depth	BLOWS			Rec. in Inch	Notes
		Set	1st 1/2 FT	2nd 1/2 FT		
0-6 1/2	/					Silty clay, dk. br., soft (cl)
6 1/2-9 1/2	7-9	5	8	8	16	Hard, coarse grained, some
9 1/2-12 1/2	10-12	6	8	8	16	gravel, light brownish gray,
12 1/2-15 1/2	15-17	9	8	7	15	W.B. (1' above 27' center of
15 1/2-20 1/2	20-22	7	7	7	14	me. sand above 27' a low
20 1/2-25 1/2	25-27	10	4	Sample	14	1' center of gravel below 27 1/2'
25 1/2-27 1/2	27-29	7	7	8	15	(SP) 1' above 27' center of
27 1/2-30 1/2	30-32	8	12	13	25	In Hollow Sand Area to 11'
30 1/2-32 1/2	32-34	10	10	10	30	In Hollow Sand Area to 11'
32 1/2-34 1/2	34-36	10	10	10	30	In Hollow Sand Area to 11'
34 1/2-36 1/2	36-38	10	10	10	30	In Hollow Sand Area to 11'
36 1/2-38 1/2	38-40	10	10	10	30	In Hollow Sand Area to 11'
38 1/2-40 1/2	40-42	10	10	10	30	In Hollow Sand Area to 11'
40 1/2-42 1/2	42-44	10	10	10	30	In Hollow Sand Area to 11'
42 1/2-44 1/2	44-46	10	10	10	30	In Hollow Sand Area to 11'
44 1/2-46 1/2	46-48	10	10	10	30	In Hollow Sand Area to 11'
46 1/2-48 1/2	48-50	10	10	10	30	In Hollow Sand Area to 11'
48 1/2-50 1/2	50-52	10	10	10	30	In Hollow Sand Area to 11'
50 1/2-52 1/2	52-54	10	10	10	30	In Hollow Sand Area to 11'
52 1/2-54 1/2	54-56	10	10	10	30	In Hollow Sand Area to 11'
54 1/2-56 1/2	56-58	10	10	10	30	In Hollow Sand Area to 11'
56 1/2-58 1/2	58-60	10	10	10	30	In Hollow Sand Area to 11'
58 1/2-60 1/2	60-62	10	10	10	30	In Hollow Sand Area to 11'
60 1/2-62 1/2	62-64	10	10	10	30	In Hollow Sand Area to 11'
62 1/2-64 1/2	64-66	10	10	10	30	In Hollow Sand Area to 11'
64 1/2-66 1/2	66-68	10	10	10	30	In Hollow Sand Area to 11'
66 1/2-68 1/2	68-70	10	10	10	30	In Hollow Sand Area to 11'
68 1/2-70 1/2	70-72	10	10	10	30	In Hollow Sand Area to 11'
70 1/2-72 1/2	72-74	10	10	10	30	In Hollow Sand Area to 11'
72 1/2-74 1/2	74-76	10	10	10	30	In Hollow Sand Area to 11'
74 1/2-76 1/2	76-78	10	10	10	30	In Hollow Sand Area to 11'
76 1/2-78 1/2	78-80	10	10	10	30	In Hollow Sand Area to 11'
78 1/2-80 1/2	80-82	10	10	10	30	In Hollow Sand Area to 11'
80 1/2-82 1/2	82-84	10	10	10	30	In Hollow Sand Area to 11'
82 1/2-84 1/2	84-86	10	10	10	30	In Hollow Sand Area to 11'
84 1/2-86 1/2	86-88	10	10	10	30	In Hollow Sand Area to 11'
86 1/2-88 1/2	88-90	10	10	10	30	In Hollow Sand Area to 11'
88 1/2-90 1/2	90-92	10	10	10	30	In Hollow Sand Area to 11'
90 1/2-92 1/2	92-94	10	10	10	30	In Hollow Sand Area to 11'
92 1/2-94 1/2	94-96	10	10	10	30	In Hollow Sand Area to 11'
94 1/2-96 1/2	96-98	10	10	10	30	In Hollow Sand Area to 11'
96 1/2-98 1/2	98-100	10	10	10	30	In Hollow Sand Area to 11'
98 1/2-100 1/2	100-102	10	10	10	30	In Hollow Sand Area to 11'
100 1/2-102 1/2	102-104	10	10	10	30	In Hollow Sand Area to 11'
102 1/2-104 1/2	104-106	10	10	10	30	In Hollow Sand Area to 11'
104 1/2-106 1/2	106-108	10	10	10	30	In Hollow Sand Area to 11'
106 1/2-108 1/2	108-110	10	10	10	30	In Hollow Sand Area to 11'
108 1/2-110 1/2	110-112	10	10	10	30	In Hollow Sand Area to 11'
110 1/2-112 1/2	112-114	10	10	10	30	In Hollow Sand Area to 11'
112 1/2-114 1/2	114-116	10	10	10	30	In Hollow Sand Area to 11'
114 1/2-116 1/2	116-118	10	10	10	30	In Hollow Sand Area to 11'
116 1/2-118 1/2	118-120	10	10	10	30	In Hollow Sand Area to 11'
118 1/2-120 1/2	120-122	10	10	10	30	In Hollow Sand Area to 11'
120 1/2-122 1/2	122-124	10	10	10	30	In Hollow Sand Area to 11'
122 1/2-124 1/2	124-126	10	10	10	30	In Hollow Sand Area to 11'
124 1/2-126 1/2	126-128	10	10	10	30	In Hollow Sand Area to 11'
126 1/2-128 1/2	128-130	10	10	10	30	In Hollow Sand Area to 11'
128 1/2-130 1/2	130-132	10	10	10	30	In Hollow Sand Area to 11'
130 1/2-132 1/2	132-134	10	10	10	30	In Hollow Sand Area to 11'
132 1/2-134 1/2	134-136	10	10	10	30	In Hollow Sand Area to 11'
134 1/2-136 1/2	136-138	10	10	10	30	In Hollow Sand Area to 11'
136 1/2-138 1/2	138-140	10	10	10	30	In Hollow Sand Area to 11'
138 1/2-140 1/2	140-142	10	10	10	30	In Hollow Sand Area to 11'
140 1/2-142 1/2	142-144	10	10	10	30	In Hollow Sand Area to 11'
142 1/2-144 1/2	144-146	10	10	10	30	In Hollow Sand Area to 11'
144 1/2-146 1/2	146-148	10	10	10	30	In Hollow Sand Area to 11'
146 1/2-148 1/2	148-150	10	10	10	30	In Hollow Sand Area to 11'
148 1/2-150 1/2	150-152	10	10	10	30	In Hollow Sand Area to 11'
150 1/2-152 1/2	152-154	10	10	10	30	In Hollow Sand Area to 11'
152 1/2-154 1/2	154-156	10	10	10	30	In Hollow Sand Area to 11'
154 1/2-156 1/2	156-158	10	10	10	30	In Hollow Sand Area to 11'
156 1/2-158 1/2	158-160	10	10	10	30	In Hollow Sand Area to 11'
158 1/2-160 1/2	160-162	10	10	10	30	In Hollow Sand Area to 11'
160 1/2-162 1/2	162-164	10	10	10	30	In Hollow Sand Area to 11'
162 1/2-164 1/2	164-166	10	10	10	30	In Hollow Sand Area to 11'
164 1/2-166 1/2	166-168	10	10	10	30	In Hollow Sand Area to 11'
166 1/2-168 1/2	168-170	10	10	10	30	In Hollow Sand Area to 11'
168 1/2-170 1/2	170-172	10	10	10	30	In Hollow Sand Area to 11'
170 1/2-172 1/2	172-174	10	10	10	30	In Hollow Sand Area to 11'
172 1/2-174 1/2	174-176	10	10	10	30	In Hollow Sand Area to 11'
174 1/2-176 1/2	176-178	10	10	10	30	In Hollow Sand Area to 11'
176 1/2-178 1/2	178-180	10	10	10	30	In Hollow Sand Area to 11'
178 1/2-180 1/2	180-182	10	10	10	30	In Hollow Sand Area to 11'
180 1/2-182 1/2	182-184	10	10	10	30	In Hollow Sand Area to 11'
182 1/2-184 1/2	184-186	10	10	10	30	In Hollow Sand Area to 11'
184 1/2-186 1/2	186-188	10	10	10	30	In Hollow Sand Area to 11'
186 1/2-188 1/2	188-190	10	10	10	30	In Hollow Sand Area to 11'
188 1/2-190 1/2	190-192	10	10	10	30	In Hollow Sand Area to 11'
190 1/2-192 1/2	192-194	10	10	10	30	In Hollow Sand Area to 11'
192 1/2-194 1/2	194-196	10	10	10	30	In Hollow Sand Area to 11'
194 1/2-196 1/2	196-198	10	10	10	30	In Hollow Sand Area to 11'
196 1/2-198 1/2	198-200	10	10	10	30	In Hollow Sand Area to 11'
198 1/2-200 1/2	200-202	10	10	10	30	In Hollow Sand Area to 11'
200 1/2-202 1/2	202-204	10	10	10	30	In Hollow Sand Area to 11'
202 1/2-204 1/2	204-206	10	10	10	30	In Hollow Sand Area to 11'
204 1/2-206 1/2	206-208	10	10	10	30	In Hollow Sand Area to 11'
206 1/2-208 1/2	208-210	10	10	10	30	In Hollow Sand Area to 11'
208 1/2-210 1/2	210-212	10	10	10	30	In Hollow Sand Area to 11'
210 1/2-212 1/2	212-214	10	10	10	30	In Hollow Sand Area to 11'
212 1/2-214 1/2	214-216	10	10	10	30	In Hollow Sand Area to 11'
214 1/2-216 1/2	216-218	10	10	10	30	In Hollow Sand Area to 11'
216 1/2-218 1/2	218-220	10	10	10	30	In Hollow Sand Area to 11'
218 1/2-220 1/2	220-222	10	10	10	30	In Hollow Sand Area to 11'
220 1/2-222 1/2	222-224	10	10	10	30	In Hollow Sand Area to 11'
222 1/2-224 1/2	224-226	10	10	10	30	In Hollow Sand Area to 11'
224 1/2-226 1/2	226-228	10	10	10	30	In Hollow Sand Area to 11'
226 1/2-228 1/2	228-230	10	10	10	30	In Hollow Sand Area to 11'
228 1/2-230 1/2	230-232	10	10	10	30	In Hollow Sand Area to 11'
230 1/2-232 1/2	232-234	10	10	10	30	In Hollow Sand Area to 11'
232 1/2-234 1/2	234-236	10	10	10	30	In Hollow Sand Area to 11'
234 1/2-236 1/2	236-238	10	10	10	30	In Hollow Sand Area to 11'
236 1/2-238 1/2	238-240	10	10	10	30	In Hollow Sand Area to 11'
238 1/2-240 1/2	240-242	10	10	10	30	In Hollow Sand Area to 11'
240 1/2-242 1/2	242-244	10	10	10	30	In Hollow Sand Area to 11'
242 1/2-244 1/2	244-246	10	10	10	30	In Hollow Sand Area to 11'
244 1/2-246 1/2	246-248	10	10	10	30	In Hollow Sand Area to 11'
246 1/2-248 1/2	248-250	10	10	10	30	In Hollow Sand Area to 11'
248 1/2-250 1/2	250-252	10	10	10	30	In Hollow Sand Area to 11'
250 1/2-252 1/2	252-254	10	10	10	30	In Hollow Sand Area to 11'
252 1/2-254 1/2	254-256	10	10	10	30	In Hollow Sand Area to 11'
254 1/2-256 1/2	256-258	10	10	10	30	In Hollow Sand Area to 11'
256 1/2-258 1/2	258-260	10	10	10	30	In Hollow Sand Area to 11'
258 1/2-260 1/2	260-262	10	10	10	30	In Hollow Sand Area to 11'
260 1/2-262 1/2	262-264	10	10	10	30	In Hollow Sand Area to 11'
262 1/2-264 1/2	264-266	10	10	10	30	In Hollow Sand Area to 11'
264 1/2-266 1/2	266-268	10	10	10	30	In Hollow Sand Area to 11'
266 1/2-268 1/2	268-270	10	10	10	30	In Hollow Sand Area to 11'
268 1/2-270 1/2	270-272	10	10	10	30	In Hollow Sand Area to 11'
270 1/2-272 1/2	272-274	10	10	10	30	In Hollow Sand Area to 11'
272 1/2-274 1/2	274-276	10				

1890

LOG CONTINUED.....
SOIL CLASSIFICATION

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

D. Well Information or Estimates

- (1) Drill Hole, Diameter 42", Depth 35'
- (2) Casing, Type Steel Diameter 36" Thickness .50" minimum
(wood, concrete, steel, etc)
- (2) Perforated Screen.
- Type Stainless Steel, Diameter 16", Length 6'
- (4) Gravel Pack, Thickness 7", Length of gravel pack 10'

E. Dugout Information or Estimates. N/A

- (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 7

Depth to bottom of water bearing material 32

Thickness of water bearing material 25

Depth to water (ground surface to water level) 7

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

On same owner's property 182 rds. On property owned by others 164 rds.

G. Water Storage Dams. N/A

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.

Lee Hosh
Signature of Applicant

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 4100-3

(1) WHEREAS, On the 4th day of August A. D. 19 74
the City of Sioux Falls

made Water Right Application No. 4100-3 for a permit to use 1.0 cubic feet per second of the waters
of groundwater (one well)

County of Minnehaha, State of South Dakota, for municipal

purposes; and

(2) WHEREAS, On the 6th day of October A. D. 19 77

Permit No. 4100-3, with a date of priority of April 3, 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 6th day of October A. D. 19 78 and for the
application to beneficial use of said water on or before the 6th day of October 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 1.0 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 be used in place for municipal purposes for the City of Sioux Falls

(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 S and owner S of said permit No. 4100-3 a water right, dating from April 3, 1957
to use of 1.0 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 2200' W & 100' S of the NE corner
of Section 17, T101N, R49W

and conducted ~~XXXXXXXXXX~~ through the City's distribution lines

for the purpose of municipal use

Subject to any limitations listed in Water Right Permit No. 4100-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 12th day of November A. D.
Nineteen Hundred and Eighty-one

WATER MANAGEMENT BOARD

By:

John Hatch
Chief Engineer, Executive Officer
JOHN HATCH

Permit No. 4100-3

Water Diversion No. 3 Big Sioux River Water District
10170203

CERTIFICATE OF CONSTRUCTION

This is to Certify, That the City of Sioux Falls

the holder S of
Permit No. 4100-3, issued upon Application No. 4100-3, bearing date of priority of April 8,
1957 authorizing the diversion of 1.0 cu. ft. per second of the waters of
groundwater (one well) County of Hinnebaha, State of South Dakota at
a point 2200'W & 100'S of the NE corner, Section 17, T10N, R49W (AD)
for municipal purposes

purposes, has S 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 1.0 cu. ft. per second of water.

Date November 12, 1981


JOHN HATCH, Chief Engineer
Water Rights Division

Publish first publication, on or before September 15, 1977

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

Notice is hereby given that the City of Sioux Falls August 30, 1977

~~the City of Sioux Falls~~, 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 ~~from future~~ use permit for beneficial use 1.0 cubic feet of water per second of time from the ground water through the Wall 244, the point of diversion of which is to be located in the NW 1/4 NE 1/4

of Section 17, Twp. 102N Range 49W. Said water to be used for the purpose of providing ~~the following described land:~~

municipal water supplies for the City of Sioux Falls.

This Application No. 4100-3 will be considered by the Water Rights Commission at the Holiday Inn, Spearfish, SD upon the 6th day of October, 1977 at 10 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.

WATER RIGHTS COMMISSION

James Wirterton
Water Rights Specialist

cc: City of Sioux Falls
City Hall
9th & Dakota
Sioux Falls, SD 57101

No. 4100-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County MINNEHAHA) ss.

I, JOHN K. KOLL 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 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:

Tuesday September 13, 1977

Tuesday September 20, 1977

John K. Koll
(Signature)

John K. Koll, Controller
(Title)

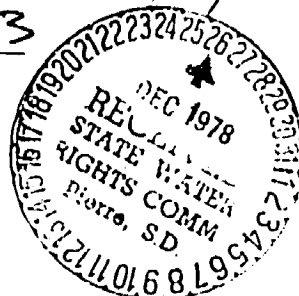
September 20, 1977
(Date Signed)

NOTICE OF
HEARING ON
AN APPLICATION TO
APPROPRIATE WATER
August 20, 1977
Pierre, South Dakota 57501
Notice is hereby given that the City
of Sioux Falls, South Dakota, has
made an application in accordance
with the provisions of SDCL 44-1-1 thru
44-1-8; 44-2-1 thru 44-2-11; 44-2-13; 44-3-
1 thru 44-3-8; 44-3-10 thru 44-3-22; 44-5-
41; 44-5-1; 44-5-3; 44-5-6.1; 44-5-10; 44-5-14
and Commission Rules ARSD
52:01:01:01 thru 52:01:01:13, for a
permit to appropriate from future
use permit for beneficial use 1.0 cubic
feet per second of time from ground
water through the Well #4, the point of
diversion of which is to be located in
the NW 1/4 NE 1/4 of Section 1, Twp.
102N, Range 47W. Said water to be
used for the purpose of providing
municipal water supplies for the City
of Sioux Falls.
This Application No. 4100-3 will be
considered by the Water Rights
Commission at the Holiday Inn,
Spearfish, SD upon the 6th day of
October, 1977 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 1-24 may notify the
Commission in writing prior to the
hearing or orally at the hearing.
WATER RIGHTS COMMISSION
James Winterburn
Water Rights Specialist
Sept. 15, 20, 1977



Form 10.

No. 4100-3



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

Post Office Sioux Falls

Date Dec 20, 1978

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. 4100-3.

Water Right Permit No. 4100-3 states that the diversion system is to be constructed by Oct 6, 1978 and that the water is to be put to beneficial use by Oct 6, 1979.

The diversion system was completed on July, 1978.
Applying the water to beneficial use was completed on July, 1979.

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. Cohen
(Signature)

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 8511

PIERRE, October 7, 1931

RECEIVED OF Les Hash, Water Treatment Plant, 2100 N. Minnesota Ave., Sioux Falls, SD 57104
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. 4100-3	50.00	
Fee for Inspecting Beneficial Use, and Issuing Water License No. 4100-3		
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 (Jonie Hatch)
Chief Engineer, Executive Officer
JONIE HATCH / ch

Permit No. 4100-3Water Division 3 Big Sioux River Water District

**REPORT 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 OFSioux Falls holderof Permit No. 4100-3, bearing date of priority of APRIL 8,, 1957authorizing the diversion of 1.0 cu. ft. per second of the waters of GROUNDWATERfor 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: WELL #44
35' DEEP WELL - 30" DIAMETER STEEL CASING - 6' SSSCREEN
BYRON JACKSON "FLOWWAY" PUMP 8" (NO TAG). POWERED BY
25HP REULAND ELECTRIC MOTOR

- B. Works used to transport water to place of use,
10" BURIED STEEL LINE TO EXISTING 24" PIPELINE
TO TREATMENT PLANT - APPROX 50'

- C. Works used to apply water to beneficial use.
WATER IS USED FOR VARIOUS MUNICIPAL PURPOSES
WITHIN THE CITY OF SIOUX FALLS THROUGH THE
CITY DISTRIBUTION SYSTEM

The system is in the following condition: GOODThe point of diversion is located 2250' W & 100' S. OF THE NE CORNER,
SECTION 17, T10N, R49WThe works are capable of diverting and conveying to the place of use 1.0 (450 GPM)cu. 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.

Date SEPTEMBER 3, 1981

Dwight Jones
 (Signature)



Department of Water & Natural Resources

Joe Foss Building
Pierre, South Dakota 57501

Water Rights Division
605 773-3352

November 12, 1981

Les Hash
Water Treatment Plant
2100 N Minnesota Ave
Sioux Falls SD 57104

RE: Water License Nos. 4098-3, 4099-3,
4100-3 & 4101-3

Dear Mr. Hash:

Enclosed herewith are, Water License Nos. 4098-3, 4099-3, 4100-3 & 4101-3
and Certificates of Construction.

Water License Nos. 4098-3, 4099-3, 4100-3 & 4101-3 are the final water right
documents completing your process of obtaining water rights.

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

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division

JH:ks

enclosures



4100-3

DEPARTMENT OF WATER & NATURAL RESOURCES

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

February 7, 1991

Lyle D Johnson, Water/Wastewater Manager
Utilities Department
224 W 9th Street
Sioux Falls SD 57102

Dear Mr. Johnson:

This letter is in response to my inspection of the City's water permits/rights completed on January 16, 1991.

Several of the city's permits can be licensed after receipt of the following information:

- 1) Permit Nos. 5127-3 and 5127A-3 (Well Nos. 53 thru 58).
Permit No. 5115-3 (Well Nos. 48 thru 52).
Permit No. 5235-3 (Well No. 60 thru 65).

- Sustained pump rate for each well under optimal operating conditions,
- Type and horsepower of the submersible units in each of the wells, and
- Brief description of the distribution system.

I have located a well completion report (copy enclosed) for a well that appears to be north of well No. 58. A copy of the well completion report for well No. 58 is also enclosed. No well was noted north of No. 58 during my inspection. Please explain if the well exists as described on the enclosed report and if the well is being used by the city.

- 2) Permit No. 5202-3 for water impounded in Silver Creek by the Big Sioux diversion dam. Two units are used with a capacity of 700 gpm each.

- Type and model no. of the motor and pump with the horsepower.

- 3) Permit No. 5334-3 for the Big Sioux River pump facility.

- Brief description of the operation of the facility at peak operating capacity.

An application (forms enclosed) needs to be approved to increase the permitted pumping rate to 46.4 cfs and to increase the annual volume of water if you plan to exceed the current 10,000 acre-feet. If approved, No. 5334-3 and the new permit would be issued one water license.

(continued)

February 7, 1991
Lyle D Johnson
Page 2 of 3

The following changes are needed to correct errors on the current licenses:

- 1) The following licenses need to have R50W deleted and be reissued for R49W:
254-3, 255-3, 256-3, 257-3, 258-3, 259-3, 260-3, 261-3, 262-3, 264-3, 266-3, 267-3, 269-3, 270-3, 272-3, 273-3, 275-3, 276-3, and 274-3 needs the same range correction plus should be T102N instead of T103N.

License No. 300-3 needs to have section 32 deleted and be reissued for section 33. The original notice of hearing and application are correct.

License No. 4101-3 needs to have T101N deleted and be reissued for T102N and 2,030 feet east rather than 2,030 feet west. The original notice of hearing is correct.

License Nos. 4098-3, 4099-3, 4100-3, and 4812-3 also need to be reissued to identify the correct location of the wells. The original notices of hearing are correct for each license.

- 2) The notice of hearing for 1306-3 needs to be readvertised to correct a diversion point error (should be NW1/4 NW1/4 instead of NE1/4 NE1/4).

The notice of hearing for 4811-3 needs to be readvertised to correct a diversion point error (should be T102N instead of T101N).

Each of these changes (Nos. 1 & 2) will be initiated by the Division of Water Rights. Item No. 2 will require publication of a notice of hearing. The City will be notified of the completion of the corrections.

Well Nos. 30, 31, 32, and 33 have been rehabilitated in the last two years. Revisions may also be needed to some of the water rights held by the city to reflect changes in the pumping capacity of the wells. If the sustained pump rate of these wells under optimal operating conditions is less than the permitted pump rate, then the licenses should be reissued for the reduced pump rate. If the sustained pump rate exceeds the permitted amount, then a new permit is needed for the increase in the pump rate. Please indicate what the sustained pump rates are for well Nos. 30, 31, 32, 33, and other wells as rehabilitation efforts and aquifer conditions allow.

Water Right Nos. 254-3, 255-3, 265-3, 268-3, 271-3, and 1579-3 will be scheduled for a hearing to allow the Water Management Board to consider cancellation of the water rights due to abandonment and/or forfeiture. Notice will be given of the time and place of hearing. If the Parks and Recreation Department is using of the well authorized by No. 1579-3, please inform me.

February 7, 1991
Lyle D Johnson
Page 3 of 3

In response to your questions during our meeting on January 17, 1991, the city can plug abandoned wells if the work is completed according to the Well Construction Standards. A copy of the standards and some plugging report forms are enclosed for the city's use.

Water Permit No. 1790-3 held by the Lincoln County Rural Water System is for supplying the rural water system from the city's well field. Enclosed is a copy of Permit No. 1790-3, including the affected city permits and a resolution signed by the mayor of Sioux Falls.

Thank you and your staff for the assistance we received concerning these inspections. I appreciate Mr. Holden taking the time to show us around. If you have any questions regarding any of this information, please contact me.

Sincerely,



Ron Duvall
Natural Resources Engineer
605 773-3352

enc.

cc: Glenn Dostal, HDR Engineering, Inc.

STATE OF SOUTH DAKOTA

REISSUED WATER LICENSE NO. 4100-3

(1) The City of Sioux Falls, of 224 W 9th Street, Sioux Falls, SD 57102 was issued Water License No. 4100-3, November 12, 1981 for a water right to appropriate 1.00 cubic feet of water per second from groundwater (one well), Minnehaha County, South Dakota for municipal purposes. Water License No. 4100-3, with a priority date of April 8, 1957 (established under Future Use Permit No. 448-3) was issued to the City for diversion of water with construction of the described water supply system completed and the application to beneficial use of said water completed.

On January 16, 1991, an inspection of the City's water permits and water rights was conducted. The inspection found the well specified in Water Right No. 4100-3 was not located as described on the original report of examination of works dated September 3, 1981. The water license is being reissued to identify the correct location of Well #44. The original notice of hearing, published September 13 and 20, 1977, is correct.

(2) It is certified that the City of Sioux Falls 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 1.00 cubic feet of water per second for beneficial use. The location of the diversion point is - (Well #44) - 100'S and 1500'W of the NE corner of Section 17, T101N, R49W (NW¼NE¼).

(3) The City of Sioux Falls has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use.

(4) Pursuant to South Dakota Water Law 46-5-30.1 the City of Sioux Falls of 224 W 9th Street, Sioux Falls, SD 57102 the holder and/or owner of Water Right No. 4100-3 is issued a license to appropriate water, the right to use 1.00 cubic feet of water per second from groundwater (one well) with a priority date of April 8, 1957 (established under Future Use Permit No. 448-3) from the location specified in (2) of this license. The water is used for municipal purposes. This license is subject to any limitations or qualifications listed in Water Right No. 4100-3 and subject to South Dakota State Law.



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

NOV 16 1991

date



NOV 15 1994

4100-3

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

4099-3
4100-3
4812-3

Lyle D. Johnson, Water/Wastewater Manager
Utilities Department
City of Sioux Falls
224 W. 9th Street
Sioux Falls, SD 57102

Dear Mr. Johnson:

Enclosed are Reissued Water License Nos. 4099-3, 4100-3 and 4812-3.

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

NOT TO SCALE

