

1. Considered 3-10, 1961
2. Name of Applicant City of Houston
3. Post Office Address _____
4. Amount of water claimed 4.0 Feet
5. Source of water supply ground water
6. Water to be used for municipal
Acres to be irrigated _____
7. Water to be diverted and used in Brazoria County about
3-4 miles W of Houston.
8. Proof of Publication Received ✓
Not Received _____
9. Application Approved _____
Subject to As if
Not approved _____
Action deferred _____

10. Remarks:

[Handwritten signature]

Recd. Dec. 23/60
8:00 AM.

Form 2—Application for Permit to Appropriate Water—Original

No. 753-3
Water Division No. 3 JAMES RIVER District
(Blanks to be filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT *See Permit 4269-3*
To Appropriate Water within the State of South Dakota

(NOTE—Draw a line through items not applicable.)

1. Name of applicant City of Huron
Postoffice address Box 97, County Beadle, State South Dakota

I. If a corporation

- (a) Name of same City of Huron
(b) Date and place of incorporation
(c) Amount of capital stock
(d) Amount paid in
(e) Names and addresses of directors

(NOTE—A certified copy of articles of incorporation must accompany the application.)

II. Method of accomplishing the work and financial resources of the applicant:

(a) Method of accomplishing work (Whether by contract, employment of others, or by direct labor)

- (b) Cash on hand, \$
(c) Treasury stock, \$
(d) Bonds to be issued, \$
(e) Other resources, \$

2. Name of diversion work
3. Amount of water claimed 4 cubic feet per second
4. Source of water supply Ground Water
5. Location of ^{Area} diversion SE 1/4 of Sect. 5, E 1/2 of Sect. 8, W 1/2 of Sect. 9, S 1/2 of Sect. 16, and E 1/2 of Sect. 17, T 110 N, R 62 W, 5 PM BEADLE County.
6. Annual period or periods during which water is to be used
7. To be used for:

- I. Irrigation or domestic use: Gravity, overhead sprinkling or combination system? Domestic & Municipal Use
(a) Number of acres to be irrigated acres.

(b) Legal subdivisions to be irrigated
(NOTE—A list of lands to be irrigated, giving each subdivision and fraction with acreage thereof, should be written here, or may be appended as a part of this application. Same must also be shown on accompanying map.)

(c) Statement as to domestic use (giving location, etc.) Future Water Supply for City of Huron, South Dakota

II. Stockwatering, mining, milling, power, fish culture, fire protection and public recreation:

- (a) Nature of use
Name any of the above uses claimed
(b) Amount of power to be generated horse power.
Amount claimed for engine cooling
(c) Location of plant
(d) Method of developing power
(e) Point where water will be returned to stream

MAP NO 561-3

per 1/10/61
23-12

8. Estimated cost of work:

(a) Head Gates, \$----- (b) Pumping plant, \$-----
 (c) Fluming, \$----- (d) Canal-earth, \$----- Rock, \$-----
 (e) Other structures ----- \$----- Total, \$-----

9. Description of diversion works:

1. Nature of works: (Reservoir, dam, ditch, flume, pumping plant, etc.)

II. Dimensions of works.

(a) Dam: Height-----feet; length at bottom ----- feet; length at top -----feet; thickness at bottom -----feet; thickness at top -----feet; slope at front water face -----; slope at back face -----
 material used in construction -----
 (b) Reservoir: Capacity when filled -----acre feet. Surface area at highwater mark-----acres.

DEPTH AT OUTLET-FEET	SURFACE AREA AT EACH DEPTH AT OUTLET--ACRES	FEET	ACRE-FOOT CAPACITY

(c)* Head gate: Width-----feet; height -----feet;
 Material -----
 (d) Canal: Total length -----miles.

LOCATION BELOW HEADGATE	DEPTH	BOTTOM WIDTH	WIDTH AT WATER-LINE	GRADE PER MILE
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet

(Give dimensions where reductions in size are made.)

10. Time required for completion of work Unknown years.

11. Time required for complete application of water to the proposed beneficial use Unknown years.

12. Choice of newspaper for publication of notice of intention to appropriate -----
The Daily Plainsman, Huron, South Dakota

STATE OF SOUTH DAKOTA

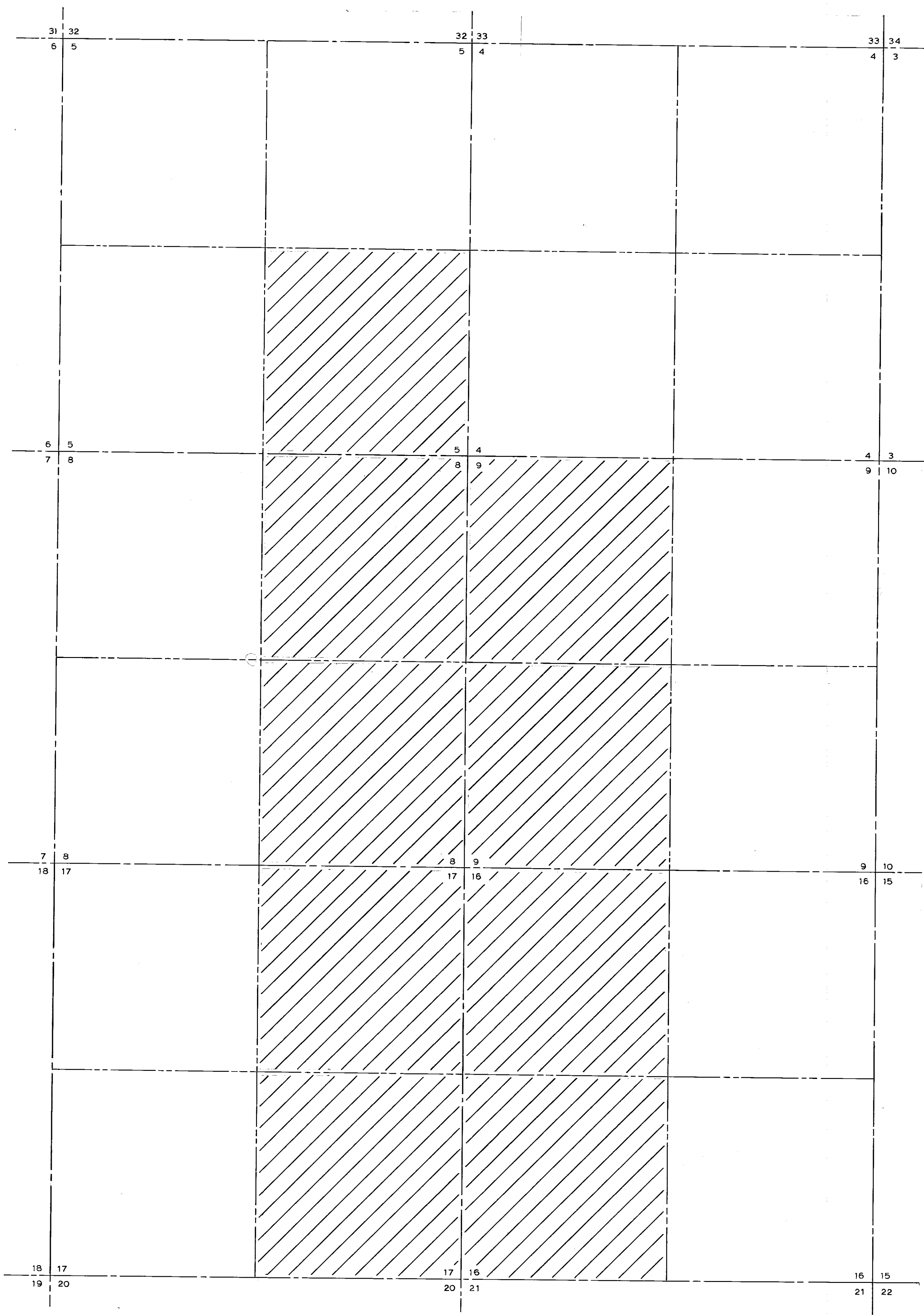
County of Beadle } ss.

I, Gene W. Denison, Mayor, City of Huron, being first duly sworn on my oath depose and say: That my relation to the above described undertaking is that of owner, that I have read the above foregoing statement, examined the map accompanying the same, and that I knew of my own personal knowledge that the matters therein stated and shown are true.

Signed Gene W. Denison
 Mayor City of Huron

Subscribed and sworn to before me this 5th day of December 1962

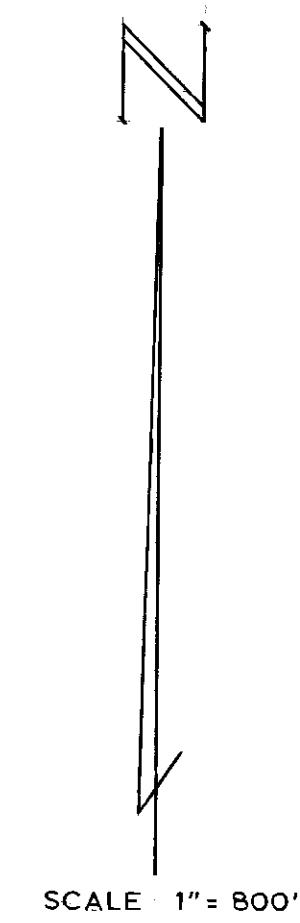
W. E. P.
 Notary Public (or other qualified officer.)
 City Auditor



AREAS BY LEGAL SUBDIVISION

SE $\frac{1}{4}$ of Section 5
W $\frac{1}{2}$ of Section 9
E $\frac{1}{2}$ of Section 8
W $\frac{1}{2}$ of Section 16
E $\frac{1}{2}$ of Section 17

T. 110 N., R. 62 W. of the 5th P.M.



STATE OF SOUTH DAKOTA)
COUNTY OF BEADLE) SS

I, Harlan W. Meyer, a Registered Land Surveyor, in and for the State of South Dakota, Do Hereby Certify That, at the Request of the City of Huron, By Direction of Gene Denison, Mayor of the City of Huron, I Have Shown the Boundaries for Which Application for Appropriative Future Water Right is Made, and That This Map is a True Representation Thereof.

Witness My Hand and Seal This 5th Day of Dec, 1960.

Harlan W. Meyer
Land Surveyor S.D. Reg. No. 495

STATE OF SOUTH DAKOTA)
COUNTY OF BEADLE) SS

On This Day, Before Me, the Undersigned, a Notary Public Within and for Said State and County, Personally Appeared Harlan W. Meyer, Known to Me to be the Person Who Executed the Foregoing Surveyor's Certificate and Acknowledged to Me That He Executed the Same.

Witness My Hand and Notary Seal this 5th Day of Dec, 1960.

Herman J. Bauder
Notary Public

My Commission Expires June 13, 1961

MAP	
Showing: Area Where Waters Will Be Diverted for Permit to Appropriate Water for Municipal and Domestic Purposes.	
SURVEYOR:	DATE:
Harlan W. Meyer	December 5, 1960

Remarks by State Water Resources Commission:

THIS IS A PERMIT TO WITHDRAW WATER FOR FUTURE USE,
AND SPECIFIC APPLICATIONS FOR ALL OR ANY PART OF
THIS APPROPRIATION MUST BE SUBMITTED AT SUCH
TIME AS THE WORKS ARE TO BE CONSTRUCTED.

STATE OF SOUTH DAKOTA
County of HUGHES } ss.

Pierre, South Dakota, JUNE 6, 1962

This is to certify that the foregoing application was received by the Commission at 8:00 o'clock
a.m. upon the 23rd day of December, 1960

State Water Resources Commission

By:

Burton Jones
for Chief Engineer, Executive Officer

Number of permit 753-3

Date of first receipt of application December 23, 1960

Date of return to applicant for correction, amendments or changes required as follows: —, 19—

Date of receipt of corrected application —, 19—

Date from which applicant may claim right December 23, 1960

Approved MAY 5, 1962, Recorded in Book 7 Page 126

This is to certify that we have examined the foregoing application for a permit to appropriate water of the State of South Dakota, and we hereby grant the same as stated herein, subject, however, to the following limitations and conditions:

1st. The equivalent of at least one-fifth of the work above specified is to be completed on or before —

WITHDRAWAL FOR FUTURE USE; SPECIFIC APPLICATIONS WILL BE SUBMITTED WHEN THE

2nd. The whole of said work is to be completed on or before WORKS ARE TO BE CONSTRUCTED

3rd. The limit of time for proof of beneficial use of water appropriated in accordance herewith is

SAME, 19—

4th. The water appropriated shall be used for the purpose of MUNICIPAL

5th. 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.

6th. The amount of the appropriation herein granted shall not exceed 4.0 cubic feet per second; neither shall it exceed the capacity of the above described system of diversion works, nor the least amount of water that experience may hereafter indicate as necessary for the production of crops in the exercise of the best husbandry; and further, said appropriation must 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 SAME, 19—; said water to be used during the following described annual period:

CONTINUOUS

Witness my hand this 6th day of JUNE, 1962

State Water Resources Commission

By:

John Quinn
Chief Engineer, Executive Officer

Certificate of Construction Issued —, 19—

Water License Issued —, 19—

(First Publication on or before February 17, 1961)

APPROPRIATION OF WATER

Office of State Water Resources Comm.
Pierre, S.D. January 27, 1961

Notice is hereby given that the City of Huron, has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use 4.0 cubic feet of water per second of time from the ground water for future use development, the area of diversion of which is to be located in the SE $\frac{1}{4}$, Sec. 5; E $\frac{1}{2}$, Sec. 8; E $\frac{1}{2}$, Sec. 17; W $\frac{1}{2}$, Sec. 9; and W $\frac{1}{2}$, Sec. 16, all in Twp. 110 N Range 62 W. Said water to be used for future development by the City of Huron for municipal water needs.

This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the 15th day of March 1961 at 2 PM. All interested persons may appear and be heard.

Appropriate action will be taken by the Water Resources Commission after suitable time has elapsed for the consideration of any or all information presented.

State Water Resources Commission

by:

Burton F. Jones
Water Rights Specialist

cc Robert D. Lusk, Publisher
Daily Plainsman
Huron, S.D.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA }
County Beadle } ss.I, David Wilson being duly sworn, deposes and says the annexed printed copy of Notice

of Intention to Appropriate Water was taken from the -----

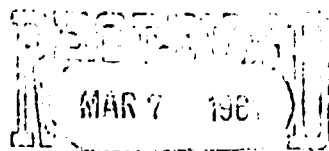
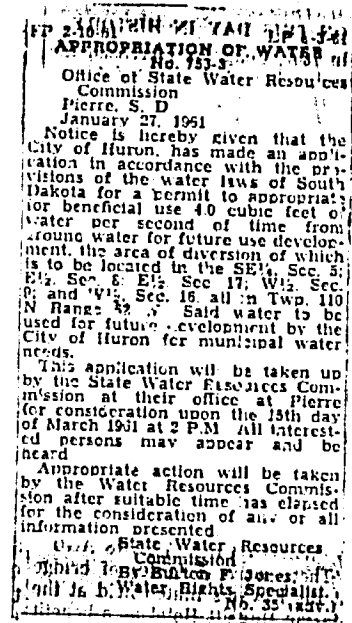
Beadle Pressman a newspaper which during the whole time of publication of said notice herein after stated, has been and is printed and published in theCity of Huron County of Beadle and State of South Dakota;

that the said notice was published in said newspaper on the following dates:

Feb 10, 17, 24 & Mar 3in each and every issue of the full number thereof, the first publication being made on the 12 day of Feb1961 and the last publication on the 3 day ofMar 1961, upon which days or times

of publication aforesaid the newspaper was regularly published, and that during the whole time of said publication he

was ----- the printer and publisher of the said newspaper.

David WilsonSubscribed and sworn to before me this 15 day of Mar A. D. 1961A. J. JopovichNotary Public Beadle County, S. D.STATE WATER RESOURCES COMMISSION
PIERRE, SOUTH DAKOTA

753-3

April 9, 1962

City of Huron
Huron, South Dakota

Attention: R. Paterson, City Auditor

Gentlemen:

Reference is made to Water Right Application No. 753-3 and No. 754-3 of the City of Huron to reserve 4 c.f.s. and 12 c.f.s. of ground water for future use.

Application No. 754-3 requests that ground water from five sections of land located east of the city be reserved, to the extent of 12 c.f.s., for the future use of the City of Huron. When this application was considered at a public hearing on March 15, 1961, a number of land owners in the area protested approval of the permit. Action on the application was deferred pending further investigation.

It is our understanding that a city well located in this area produced water in a smaller quantity and of a poorer quality than had been anticipated and that the City of Huron does not have definite plans now to develop this area and is, in fact, trying to locate other sources of water.

In view of these conditions, the recommendation of the staff of the Water Resources Commission would be that Application No. 754-3 should not be approved. Such action would not prevent the City of Huron from submitting a new application at a later date, if further investigation shows that water in usable amounts and quality is there and would be used by the City of Huron.

City of Huron

2.

April 9, 1962

In view of these circumstances, as outlined, the City of Huron may wish to withdraw application No. 754-3, rather than have it scheduled for reconsideration by the Water Resources Commission.

Application No. 753-3 requests that ground water from two and one-half sections of land located west of the City be reserved to the extent of 4 c.f.s.

This would be an extension of an existing pumping field. The Staff of the Water Resources Commission believes that the City of Huron may reserve some ground water in this area for future use. However the staff does not believe that two and one half sections of land should be reserved to provide 4 c.f.s. of ground water and will recommend that application No. 753-3 be approved for 4 c.f.s. of ground water from one section of land, that land being the E $\frac{1}{2}$ of Section 8, and the W $\frac{1}{2}$ of Section 9, T 110 N, R 62 W.

Sincerely,

J. W. GRIMES
Executive Officer &
Chief Engineer

JWG:DD:1s

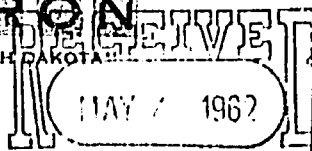
CITY OF HURON

" POPULATION AND ACTIVITY CENTER OF SOUTH DAKOTA "

OFFICE OF
CITY ASSESSOR
City Auditor

STATE WATER RESOURCES COMMISSION
PIERRE, SOUTH DAKOTA

May 3, 1962



South Dakota



So. Dak. State Water Resources Commission
J. W. Grimes, Chief Engineer and
Executive Officer
Pierre, South Dakota

Re: Water Right Applications
No. 754-3 and No. 753-3,
City of Huron

Dear Mr. Grimes:

Your letter dated April 9, 1962 relative to the City of Huron's additional water right applications and the Water Right Application No. 809-3 of Ralph O. Bales was presented to the Board of Commissioners of the City of Huron and given thorough study by all officials of the City of Huron and at a later date was discussed and the action as quoted herein was taken at a regular meeting of the Board of Commissioners of the City of Huron, South Dakota regarding our additional water right applications. The following motion which was duly seconded and carried by unanimous vote of the Board of Commissioners of the City of Huron reads as follows:

"that the City of Huron withdraw its water rights application No. 754-3 east of the City of Huron for 12 C.F.P.S. on the E. $\frac{1}{2}$ of Sections 33 and 34, Twp. 111N., R. 61W. of the 5th P.M. and Sections 2, 3, 10, 11 and E. $\frac{1}{2}$ of Sec. 9, Twp. 110N., R. 61 W., of the 5th P.M., Beadle County, South Dakota, and that application No. 753-3 adjacent to the west well field be amended to read: 4 C.F.P.S. on the E. $\frac{1}{2}$ of Section 8, and the W. $\frac{1}{2}$ of Section 9, Twp. 110N., R. 62W., of the 5th P.M., Beadle County, South Dakota, and that a letter be compiled relative to this action and forwarded to the South Dakota State Water Resources Commission at Pierre, South Dakota."

The Board of Commissioners of the City of Huron do not feel there is any need for the City of Huron to file any objections to the pending Water Right Application No. 809-3 of Ralph O. Bales to divert 2.5 c.f.s. overflows of the James River due to our increased water storage capacity in the James River north of the dam of 3rd St. S. E. in the City of Huron.

Very truly yours,

R. E. Peterson
City Auditor

REF:oh

April 6, 1977

Glenn B. Housiaux
City Engineer
City of Huron
Huron, S.D. 57350

Dear Mr. Housiaux:

This will acknowledge your letter concerning a Water Right Application to appropriate water under the City of Huron's Future Use permit No. 753-3. The forms to make application are attached. If the application is made, state either on the application or in a letter that the water is from your future water right permit.

Water Rights Commission members have indicated a permanent water right would not be approved to pump water from wells into a creek due to the resultant loss and waste of water other than under emergency conditions. Any water right would need to be for pumping into a transmission line into Huron.

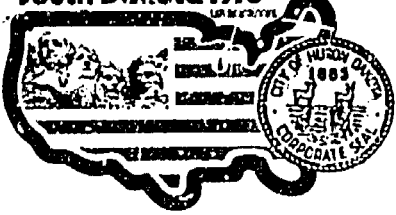
On another matter, I discussed installing the splash boards on the Third Street Dam with Harold Root this week. The Water Right Commission has requested that the splash boards be installed as soon as possible to allow water to be stored while there is flow in the James River. Harold indicated the boards would be installed this week. We appreciate your cooperation in this matter.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Commission

JH/bw
Encl: As stated

South Dakota 1976



CITY OF HURON

HURON, SOUTH DAKOTA 57350

Office of City Engineer

RECEIVED

MAR 14 1977

DEPT. OF NATURAL
RESOURCE DEVELOPMENT

March 11, 1977

Vern Butler, Secretary
South Dakota Department
of Natural Resource Development
Water Rights Commission
Joe Foss Building
Pierre, South Dakota 57501

Dear Mr. Butler:

The City of Huron desires to make application for water rights using permit No. 753-3 for 4 cfs from ground water located in the E $\frac{1}{2}$ of Section 8, and West $\frac{1}{2}$ of Section 9, T110N, R62W, 5 P. M.

Please advise what must be done to obtain this water right.

Sincerely yours,

Glenn B. Housiaux
Glenn B. Housiaux
City Engineer

jf





565-3
753-3

Department of Natural Resource Development

WATER RIGHTS COMMISSION

Joe Foss Building, Pierre, South Dakota 57501

Phone 605/224-3151

See Permit # 4269-3

March 20, 1978

Glenn B. Housiaux
City Engineer
City of Huron
Huron, SD 57350

Dear Mr. Housiaux:

Recent news releases have reported construction of a new transmission line from the City's West well field into the Huron water treatment plant. We have also received telephone calls from irrigators located near the well field concerning Water Rights held by the City of Huron.

The City of Huron, as you are aware, has two water rights in the area. Water Right No. 565-3 (priority 1-14-59) authorizes one well for 2.0 cfs located 1940' South, 23° 5' East of NW corner Section 9, T110N, R62W. Since only one well is authorized, if the amount of water pumped drops below 2.0 cfs, a second well to pump the difference is not authorized. A new replacement well can be constructed nearby without a permit as long as the old well is abandoned.

The second Water Right, No. 753 (priority 12-23-60) is a future use permit for 4.0 cfs in the E½ Section 8, and W½ Section 9, T110N, R62W. The future use permit reserves up to 4.0 cfs, if it can be developed. However, specific applications to use all or any part of the reserved water must be submitted prior to using any additional wells that may be constructed.

If more than one well is necessary, additional wells could be authorized by making application to use water reserved by your future use permit No. 753-3. Spacing of wells will also need to be considered for any additional wells which are authorized.

We are contacting you on this matter, since priorities are quite critical in the area southwest of Huron. The Water Rights Commission has several applications southwest of Huron in deferred status at this time. Therefore, priorities are very important. The head pressure in the aquifer has declined several feet during the past three dry years, a condition we believe is due to the drought. However, applications are being deferred until additional information is obtained. The City of Huron with the 1960 priority date on its future use permit will be able to obtain permits for additional wells under the future use permit. The City of Huron must be sure that it has permits for any wells that are pumped. Unauthorized wells are illegal wells and subject to shut off in areas such as southwest Beadle County where there are deferred applications and where there have been complaints from domestic well owners.

Page 2
Glenn Housiaux
March 20, 1978

If the City of Huron will be pumping more than one well in the immediate future, be sure that the City has approved Water Rights for additional wells. Please contact me if you have any questions. I thought you should be appraised of the situation before actual problems develop.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Commission

JH/gy



Department of Water & Natural Resources

Joe Foss Building
Pierre, South Dakota 57501

Water Rights Division
605 773-3352

July 9, 1982

Merle Lewis, City Commissioner
City of Huron
P.O. Box 1369
Huron SD 57350

Dear Mr. Lewis:

This letter is in answer to your request for more information on the Bad Cheyenne and Warren West James aquifer units southwest and west of Huron. When I was in Huron, June 21, 1982, the possibility of developing future water supplies from these aquifers for the City of Huron was briefly discussed.

The Bad Cheyenne aquifer underlays about 27,700 acres in southwestern Beadle County. Based upon estimates in "Evaluation of Ground Water Resources" by South Dakota Geological Survey, the aquifer contains 102,000 acre feet (AF) of recoverable water. Using a five percent value as a safe yield from the 102,000 AF, 5100 AF could be safely withdrawn each year on a continuous basis. Further study and computer model unit study simulated pumping could result in the 5100 AF safe yield figure being revised. However, until such study is completed, this is the best information available.

A review of permits for the Bad Cheyenne, shows that 5280 AF of water have been appropriated for irrigation at this time. Older irrigation permits allow up to three feet per acre to be applied while newer permits allow up to two feet of water per acre to be applied. Irrigation questionnaire reports show that 15 to 18 inches of water is usually applied during a normal irrigation season. During dry years more water could be pumped reducing the amount of water available for junior priority permits. Usual expected withdrawals would be up to 2640 AF per year leaving 2640 AF that could still be withdrawn. Any permit and development of the aquifer by the City would be subject to the prior rights and the City would be limited to about 2600 AF annually to keep the aquifer on a safe yield basis unless unit study results allowed the safe yield figures to be increased. The 15.0 cubic feet per second (cfs) pumped continuously to a maximum of 10,863 AF annually that the City wants for future use would not be available.

The possibility of developing a well field in the southern portion of the Warren West James aquifer was also mentioned. The existing City well field (the priority is senior to most of the irrigation permits) is in this same aquifer unit. The Warren West James contains 648,000 AF in storage. Using the five percent safe yield figure, 32,400 AF are available for withdrawal. The amount appropriated for irrigation is 38,146 AF plus 4343 AF for the City of Huron (6.0 cfs continuous pumping) for a total appropriation of 42,489 AF. Actual withdrawals would be 2600 AF for Huron (assumes City pumps maximum amount used in the past) and 20,000 AF for irrigation for a total annual withdrawal of 22,600 AF with 9800 AF that could still be safely withdrawn. Here again the safe yield figure may be revised following aquifer unit study.

July 9, 1982

Merle Lewis, City Commissioner

Page 2

It should be possible for the City to obtain additional future use rights in both the Bad Cheyenne and Warren West James, however, the priority would be junior to all existing permits and the risk from the junior priority status would have to be considered. Well spacing would be necessary for the 20 or more wells necessary to pump 15 cfs and the cost of development and chemical quality of the water would be major considerations. The spacing would be necessary between not only the City's wells but nearby irrigation wells. Test drilling, test pumping and unit study work would be necessary to locate the best aquifer material and best quality water and to answer spacing and safe yield questions.

Two other possible sources of water would be the Niobrara Chalk or the Dakota Sandstone. Chemical analyses are listed below:

	City of Cavour Chalk (2 samples)		City of Broadland Dakota
Total hardness	69*		1190
Calcium	21	25	353
Magnesium	43	40	75
Bicarbonate	351	332	167
Sulfate	484	665	1240
Iron	0.1	0.0	4.4
Manganese	0.0	0.0	0.1
Sodium	524	543	179
Potassium	6.9	9.4	20.3
Chloride	290	223	109
Fluoride	0.8	1.0	2.3
Nitrate	1	0.4	1
Total Solids	1510	1630	2249

* parts per million

The chemical quality of the Dakota is not good. The chalk chemical quality is comparable with some of the chemical water quality west of Huron; however, we have very little information on water availability. Because the hydrologic conductivity of the Niobrara Chalk is so variable, the locations for 200-300 gallon per minute production wells are not predictable. If test hole drilling can locate fractured chalk, a good production well can be developed. The chalk exists beneath the City of Huron as you will note from the enclosed well drillers reports. One report is for a chalk well. The City may wish to sample the well and compare the analysis with the West Well Field chemical analysis. If the chemical analysis comparison is favorable, the City could drill test holes at the water treatment plant or along the pipeline route from the West Well Field to determine if production wells could be developed. There have been several test holes drilled in the City of Huron in the past; however, for some reason the test drilling did not penetrate the Chalk.

Regarding the 1982 water supply for the James River, the Corps of Engineers has advised us that they intend to release a combined flow of approximately 200 cfs from Pipestem and Jamestown Reservoirs through September of this year. This information along with information from the U.S. Fish and Wildlife Service at Sand Lake Refuge indicates the City of Huron can expect at least 100 cfs at the 3rd Street Dam in Huron through the end of August.

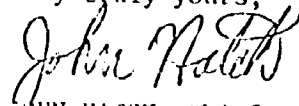
July 9, 1982

Merle Lewis, City Commissioner

Page 3

Enclosed is a map showing the Bad Cheyenne and Warren West James Aquifer, irrigation permit locations, and chemical analyses for several area observation wells. It should also be noted that some of the existing irrigation permits may be cancelled in the future because the permits were not developed. If you need assistance in preparing future use applications (forms enclosed) or have questions, please let me know.

Very truly yours,

A handwritten signature in cursive script, appearing to read "John Hatch".

JOHN HATCH, Chief Engineer
Water Rights Division

JH:ks

cc: Glenn Housiaux, City Engineer

Merlin Tipton, Geological Survey (w/o attachments)

John Smith, Water Development Division (w/o attachments)