

WATER PERMIT NO. 5868-3

Phone: 605 582-6515

Name of Applicant: City of Brandon

Post Office Address: PO Box 95, Brandon SD 57005

Amount of Water Claimed: add'l 0.07 cfs Total Acres: NA

Source of Water Supply: groundwater - Split Rock Creek Aquifer

Water to be used for: municipal County: Minnehaha

Location: _____

PRIORITY Date Received: 6-8-95 Fee: \$50.00

Corrected Application Received: _____ Period of Annual Use: Jan 1 - Dec 31

Remarks: Well No. 3 is authorized by License No. 1804-3, Permit Nos. 5296-3 and 5395-3
for a combined diversion rate of 1.32 cfs. This application increase the diversion rate
0.07 cfs, for a total diversion rate of 1.39 cfs (625 gpm)

Diversion Point: NW 1/4 SW 1/4 Sec 35-T102N-R48W

Land to be Irrigated: _____

T102N	34	35	36
	Well No. 3		
T101N	3	2	1

Well Log: Driller: Grimshaw Drilling Licensed: YES ____ NO ____

Depth of Well: 222 feet REMARKS: _____

Type of Map: topo Prepared By: Lynn Beck Reviewed and the Number

Assigned on: 6-8-95 By: Karen Schlaak

FORM 2: Application for uses other than irrigation

(type or print)

Mail to:

Water Rights Division
Joe Foss Building
523 E Capitol
Pierre SD 57501-3181
605 773-3352

No. 5868-3 Hydrologic Unit 10170203
Basin Sioux River
Newspaper Argus Leader, PO Box 5034, SF 57117
(office use only)



Application For Permit To Appropriate Water Within The State Of South Dakota

Check use of water:

☐ Municipal ☐ Suburban Housing ☐ Recreational ☐ Institutional
☐ Rural Water System ☐ Commercial ☐ Fish & Wildlife ☐ Geothermal Heat
☐ Domestic ☐ Industrial ☐ Other _____
(over 18 gpm)

Type of Application: ☒ New ☐ Vested Right (Use predates Mar 2, 1955) ☐ Future Use Reservation
(check one) ☐ Place to Beneficial Use Water Reserved by Future Use Permit No. _____
☐ Amendment/Correction to Permit No. _____

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.) _____

- Name of Applicant City of Brandon Phone (605) 582-6515
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address P.O. Box 95 Brandon State SD 57005
(Street, RR, or Box) (City) (Zip Code)
- Amount of water claimed 0.07 *CFS or 32 **GPM 30 ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (***Acre Feet -- storage capacity of dam/dugout or annual use if applicable)
- Source of water supply Split Rock Creek Aquifer
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) 1750' N and 430' E of the
SW corner of Section 35-T102N-R48W (NW1/4 SW1/4)
County Minnehaha
- County or counties where water will be used Minnehaha
- Annual period during which water is to be used January 1 - December 31

7. Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

The City of Brandon's Well No. 3 is authorized under License 1804-3, and Permit Nos. 5296-3 and 5395-3 for a combined diversion of 1.32 cfs. This application is for an additional appropriation of 0.07 cfs from Well No. 3, bringing the maximum diversion rate from 1.32 cfs to 1.39 cfs (625 gpm).

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Attach map and any other technical information. (see instructions)

STATE OF SOUTH DAKOTA)

County of Minnehaha ^{SS}

I, City of Brandon, the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.

Signed Henry A. Klumpp, Mayor

Subscribed and sworn to before me this 24th day of May 19 95

Debbie C. Olson
Notary Public

Commission Expires 1-26-96

SOUTH DAKOTA
WATER PERMIT NO. 5868-3

Date of first receipt of application June 8, 1995.

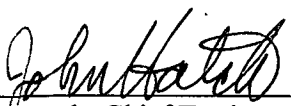
The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 5868-3 to the City of Brandon, PO Box 95, Brandon SD 57005 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 5868-3 appropriates 0.07 cubic feet of water per second (cfs) by increasing the diversion rate authorized by Water Right No. 1804-3 and Water Permit Nos. 5296-3 and 5395-3. Water Right No. 1804-3 and Water Permit Nos. 5296-3 and 5395-3, combined, appropriates 1.32 cfs from the City of Brandon's Well No. 3 (Split Rock Creek Aquifer) 222 feet deep located in the NW 1/4 SW 1/4 Section 35-T102N-R48W. This permit increases the water appropriation of Well No. 3, from 1.32 cfs to 1.39 cfs.
2. The water appropriated shall be used for the purpose of supplying water for the City of Brandon and may not exceed the amount of water needed for beneficial use for municipal use purposes.
3. The water is to be used during the following described annual period: January 1 - December 31
4. The date of approval of Permit No. 5868-3 is September 5, 1995.
5. The date from which applicant may claim right is June 8, 1995.
6. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATION

The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

WATER MANAGEMENT BOARD

By: 
John Hatch, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

DEC 18 1995

date



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

April 17, 1995

Dennis Olson
Finance Officer
Brandon City Hall
P.O. Box 95
Brandon, SD 57005

Dear Mr. Olson:

This letter concerns the water permits held by the city of Brandon, the status of those permits, and information needed to license the permits. There are corrections and additions that require new applications. New applications are needed to get the city permitted for all of its water use.

Please find enclosed partially completed application forms, a map and instruction sheet. The application involves well number four with a diversion rate of 0.36 cubic feet per second (cfs), which is not authorized under any of the cities present permits. Also needing application is an additional diversion of 0.14 cfs from well number five. The waters applied for under this new application can come out of the future use permit 4002-3 and retain a priority date of September 12, 1977.

Future use permit 4002-3 reserves 902 acre feet of water in Section 34-T102N-R48W and Section 3-T101N-R48W. This new application would take 217 acre feet from the future use permit.

Application must also be made for an additional 0.07 cfs from city well number three. License 1804-3 and Permit Numbers 5296-3 and 5395-3 appropriate a combined 1.32 cfs (594 gpm) from well number three. The well has a maximum pumping rate of 1.39 cfs (625 gpm); an additional 0.07 cfs needs application. These waters come from the Split Rock Creek Aquifer and do not fall under Future Use Permit 4002-3.

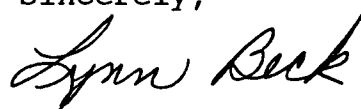
Below is a listing of the City of Brandon's water rights:

1. License 1804-3 appropriates 1.2 cubic feet of water per minute (cfs) from wells number 1, 2 and 3 with a priority date of January 25, 1971.
2. Future Use Permit No. 4002-3 reserves 902 acre feet of water from Section 34-T102N-R48W and Section 3-T101N-R48W with a priority date of September 12, 1977.
3. License 4434-3 appropriates 0.43 cfs (194 gpm) from two wells and 20.5 acre feet of storage used to irrigate the Municipal Golf Course.
4. Water Permit No. 4885-3 appropriates 0.28 cfs (126 gpm) from well number 5, with a priority date of April 20, 1982.
5. Water Permit No. 5296-3 appropriates an additional 0.33 cfs (150 gpm) for well number 3, with a priority date of March 22, 1989.
6. Water Permit No. 5395-3 appropriates an additional 0.43 cfs (194 gpm) from well number 3, with a priority date of March 8, 1990. A combined total of 1.32 cfs.
7. Water Permit No. 5507-3 appropriates 0.05 cfs (22.5 gpm) from a well at the Municipal Golf Course for the clubhouse with a priority date of January 28, 1991.

Once the Water Rights Division receives the applications, the licensing process can continue. If there is no opposition to the applications after they have been advertised, the permits can be licensed. After payment of the licensing and inspection fee, as per item number 7 on the instruction sheet, a Water License will be issued.

If you have any questions, please feel free to contact me.

Sincerely,



Lynn Beck
Natural Resources Engineer III
Water Rights Division, DENR
(605) 773-3352

encls

c Steve Brockmueller
Stockwell Engineers, Inc.
1621 S. Minnesota Ave.
Sioux Falls, SD 57105

File No.

**Water Rights Division
File Documentation**

NAME OF PERSON OR FILE: City of Brandon

ADDRESS: Brandon SD COUNTY: MA

DATE: 6-8-95 TELEPHONE:

RE: Filing fee

COMMENTS:

The City of Brandon submitted a check for \$375.00 with the two applications dealing with Well nos 3, 4, & 5. The fee was receipted as follows:

Application No. 5868-3 = \$ 50.00
(Well no. 3)

Application No. 5869-3 = \$225.00
(Well no 4 & 5)

License fee for each = \$ 50.00
\$ 50.00

\$375.00

Karen Schlaak
Karen Schlaak
Environmental Scientist

RECEIPT

414518

Division of Water Rights

South Dakota Department of Environment and Natural Resources

Pierre, _____, June 8, 19 95

RECEIVED OF City of Brandon, Brandon, SD 57005

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use _____		
Fee for Application for Permit No. _____ to Appropriate Water, for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>5268-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	50 00

By John Hatch
Chief Engineer

RECEIPT

414516

Division of Water Rights

South Dakota Department of Environment and Natural Resources

Pierre, _____ June 8 _____, 19 95

RECEIVED OF City of Brandon, Brandon, SD 57005

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

Fee for Application for Permit No. <u>5868-3</u> to Appropriate Water, to construct and to put water to beneficial use _____	50	00
Fee for Application for Permit No. _____ to Appropriate Water, for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>5868-3</u> _____		
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	50 00

By John Hatch
Chief Engineer

REPORT ON WATER PERMIT APPLICATION NO. 5868-3
for the City of Brandon
July 25, 1995

Application No. 5868-3 proposes to appropriate 0.07 cfs (32 gpm) by increasing the diversion rate authorized by Water Rights No. 1804-3 and Water Permit Nos. 5296-3 and 5395-3. Water Right No. 1804-3 and Water Permit Nos. 5296-3 and 5395-3, combined, appropriate 1.32 cfs from City Well # 3 which is approximately 222 feet deep and located in the NW 1/4 SW 1/4 of section 35, T102N R48W in Minnehaha County. This application proposes to increase the water appropriation of Well # 3 from 1.32 to 1.39 cfs.

AQUIFER - SPLIT ROCK CREEK (SRKC)

The Split Rock Creek aquifer is a buried sand and sandstone with interbedded thick layers of siltstone, shale and claystone. The aquifer is confined and under artesian conditions. The aquifer underlies 139 square miles and contains an estimated 855,000 acre feet of water in storage in Minnehaha County (Lindgren, 1992). The aquifer is overlain by glacial till and underlain by the Sioux Quartzite. Ground water movement is from east to west toward the Big Sioux River in the area of this application.

The Water Rights Program monitors 11 observation wells completed into the Split Rock Creek aquifer in southeastern Minnehaha County. One of these wells MA-87E is located about 1 mile northwest of this application. Water levels for the Split Rock aquifer do show the effects of climatic conditions. That is, rising water levels during wet years and gradually declining water levels during dry years. In general, the water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 1995).

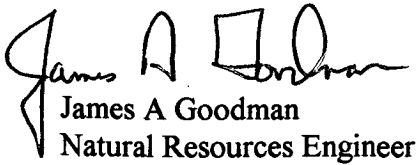
REVIEW OF EXISTING WATER PERMITS/RIGHTS

There are no other water permits/rights from the Split Rock Creek aquifer in this immediate area. The well for this application is located about 1/2 mile west of Water Permit No. 5507-3 which is also held by the City of Brandon. Interference is not expected to be a concern.

CONCLUSIONS

1. Water is available from the Split Rock Creek aquifer.
2. The aquifer is confined and under artesian conditions in this area. Drawdown will result from pumping. Interference is not expected to be a concern.
3. This relatively small increase in pumping rate is the result of an inspection which found that the City was pumping at a greater rate than was permitted. Approval of this application will allow the licensing of Brandon's water rights to reflect the system "as built".

4. Information on City Well No. 3 is not sufficient to determine if the well is constructed in accordance with SD Well Construction Standards.


James A Goodman
Natural Resources Engineer

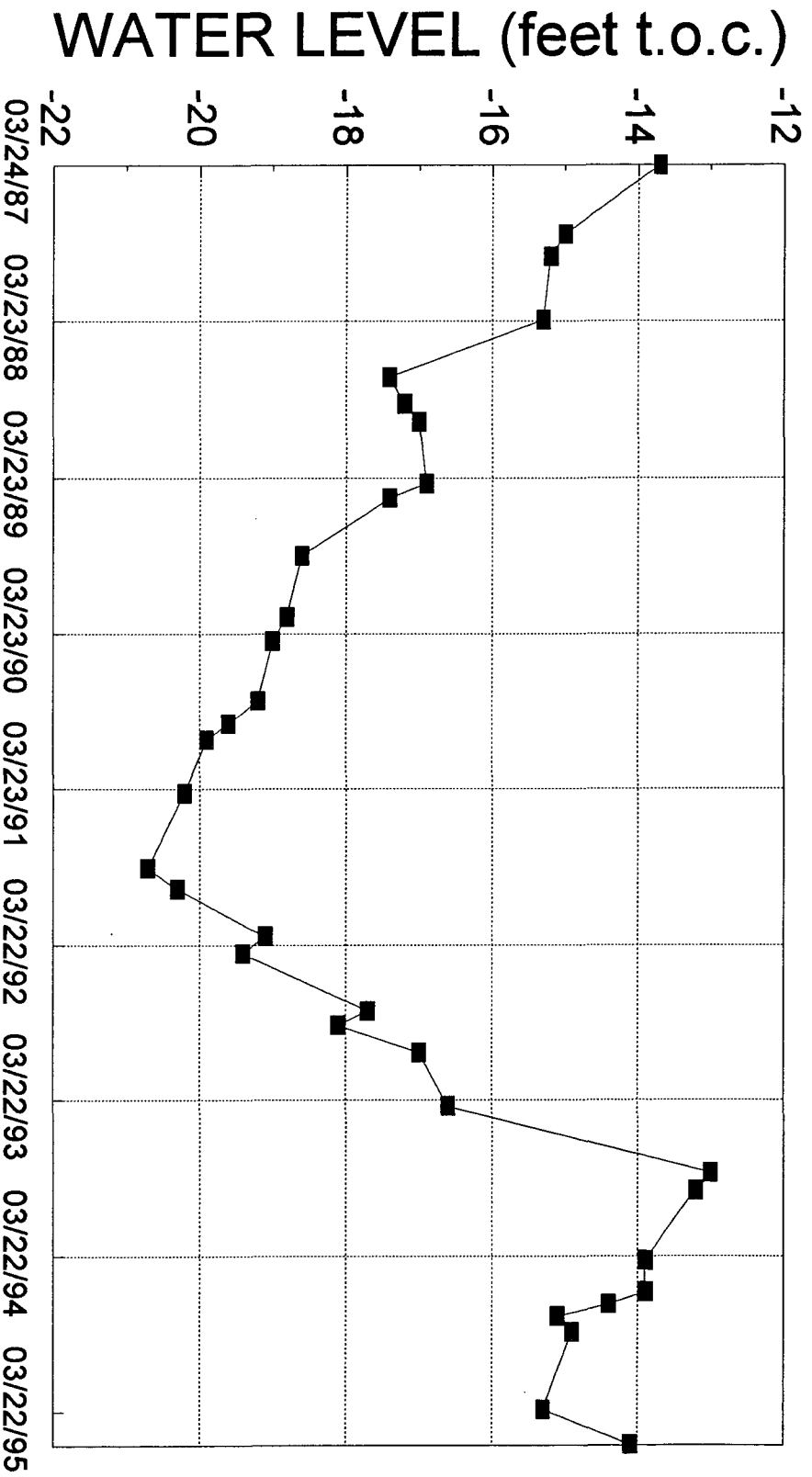
BIBLIOGRAPHY

Lindgren, R.L., C.A. Niehus, 1992, Water Resources of Minnehaha County, South Dakota, USGS WRI 91-4101, USGS, Huron, SD, 57350.

Water Rights, 1995, Unpublished Observation Well Records for Minnehaha County, SD DENR, Environmental Services Division, Water Rights Program, Pierre, SD, 57501.

WATER RIGHTS OBSERVATION WELL

MA-87E



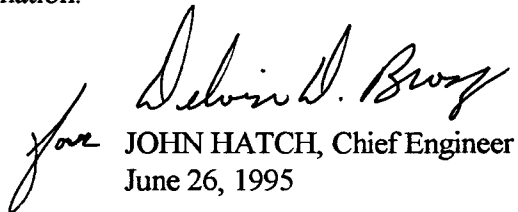
**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5868-3, City of Brandon**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 5868-3, City of Brandon, c/o Mayor Dennis Kleinvachter, PO Box 95, Brandon, SD 57005.

The Chief Engineer is recommending APPROVAL of Application No. 5868-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) in the public interest with the following qualification:

The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

See report on application for additional information.


JOHN HATCH, Chief Engineer
June 26, 1995



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

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

August 10, 1995

Dennis Kleinvachter, Mayor
PO Box 95
Brandon, SD 57005

Dear Mr. Kleinvachter:

Water Permit Application Nos. 5868-3 and 5869-3 for municipal use have been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the Argus Leader printed at Sioux Falls, SD (Ph # 605-331-2200). For your information, a copy of the notice, the recommendations of the Chief Engineer and reports on the applications are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice of Hearing and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. The newspaper has been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the applications.

Sincerely,

Eric Gronlund /KS

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendations, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the applications.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

August 10, 1995

Argus Leader
PO Box 5034
Sioux Falls, SD 57117-5034

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application Nos. 5868-3 and 5869-3 to be published twice. Please publish the first notice on August 18, 1995, with the second publication 7 days later.

The APPLICANT MUST VERIFY TO YOU THAT THE NOTICE IS TO BE PUBLISHED, before you make the first publication. Please BILL the APPLICANT for the cost of publication. The APPLICANT is City of Brandon, c/o Mayor Dennis Kleinvachter, PO Box 95, Brandon, SD 57005 (Ph # 605-582-6515).

A copy of BOTH publications must be SENT to the WATER RIGHTS PROGRAM. IMMEDIATELY return the FIRST publication with the FIRST Transmittal form on the bottom of this page. The first copy is needed to check the publication for errors so any corrections can be made in the second publication. Publication errors can invalidate the public notice and cause the applicant costly delays.

Please be sure the SECOND publication is returned IMMEDIATELY with the enclosed Proof of Publication form. DO NOT WAIT until the end of the month or the billing cycle. No action may be taken on the permit applications until proof of publication has been received.

Sincerely,

Eric Gronlund/KS
Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CUT HERE-----

FIRST TRANSMITTAL NOTICE

TO: Eric Gronlund
Water Rights Program
Joe Foss Building
Pierre SD 57501-3181

No. _____

Date _____

We are in receipt of your letter of _____ enclosing Notice of Hearing to Appropriate Water by Application No. _____ which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper

Instruction to Newspaper - Publish first Notice on August 18, 1995, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NOS. 5868-3 and 5869-3 to Appropriate Water

Notice is given that the City of Brandon, PO Box 95, Brandon, SD 57005 has filed applications for two water permits.

Application No. 5868-3 proposes to appropriate 0.07 cubic feet of water per second (cfs) by increasing the diversion rate authorized by Water Right No. 1804-3 and Water Permit Nos. 5296-3 and 5395-3. Water Right No. 1804-3 and Water Permit Nos. 5296-3 and 5395-3, combined, appropriate 1.32 cfs from the City of Brandon's Well No. 3 (Split Rock Creek Aquifer) 222 feet deep located in the NW 1/4 SW 1/4 Section 35-T102N-R48W. This application proposes to increase the water appropriation of Well No. 3 from 1.32 cfs to 1.39 cfs.

Application No. 5869-3 proposes to appropriate 0.50 cfs. Water Permit No. 4885-3 appropriates 0.28 cfs from the City of Brandon's Well No. 5. This application proposes to increase the water appropriation from Well No. 5 from 0.28 cfs to 0.42 cfs. This application also requests an additional diversion point to appropriate 0.36 cfs from Well No. 4. Well Nos. 4 and 5 (Big Sioux South Aquifer) 52 and 56 feet deep are located in the SE 1/4 NW 1/4 Section 3-T101N-R48W and propose a combined appropriation of 0.50 cfs (217 acre-feet of water annually). This water was appropriated and reserved by Future Use Permit No. 4002-3. This water will be used to supply the City of Brandon.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application Nos. 5868-3 and 58769-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the chief engineer will act on the applications, as recommended, unless a petition is filed opposing the applications or the applicant files a petition contesting the chief engineer's recommendations. If a petition opposing the applications or contesting the recommendations is filed, then a hearing will be scheduled and the Water Management Board will consider the applications. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting these applications or recommendations must file a written petition with BOTH the applicant and chief engineer. The applicant must file a petition if contesting the chief engineer's recommendations. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by September 5, 1995.

The petition may be informal, but must include a statement describing the petitioner's interest in the applications, the petitioner's reasons for opposing or supporting the applications, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to these applications. Nettie H. Myers, Secretary, Department of Environment and Natural Resources.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) SS
 County of Minnehaha)

I, D. Reicher

certify that the attached printed Notice was

taken from the Argus Leader

printed and published in Sioux Falls

County of Minnehaha and State of

South Dakota. The notice was published in
 the newspaper on the following two dates:

Friday, August 18, 1995

Friday, August 25, 1995

Cost of Printing: 103.37

D. Reicher
 (Signature) *MR*

Assistant Controller
 (Title)

8/25/95
 (Date Signed)



NOTICE OF APPLICATION
 NOS. 5868-3 and 5869-3

to Appropriate Water

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This application proposes to in-
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Application No. 5869-3 proposes
 to appropriate 0.50 cfs. Water

Permit No. 4885-3 appropriates
 0.28 cfs from the City of Brandon's

Well No. 5. This application pro-
 poses to increase the water appro-
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Any person interested in op-
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 a written petition with BOTH the
 applicant and chief engineer. The
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 ommendations. The Chief Engi-
 neer's address is "Water Rights
 Program, Foss Building, 523 E
 Capitol, Pierre, SD 57501 (605
 773-3352)" and the applicant's
 mailing address is given above. A
 petition filed by either an interested
 person or the applicant must be
 filed by September 5, 1995.

The petition may be informal, but
 must include a statement de-
 scribing the petitioner's interest in
 the applications, the petitioner's
 reasons for opposing or supporting
 the applications, and the signature
 and mailing address of the peti-
 tioner or the petitioner's legal
 counsel, if legal counsel is ob-
 tained. Contact Eric Gronlund at
 the above Water Rights Program
 address to request copies of infor-
 mation pertaining to these applica-
 tions.

Nettie H. Myers, Secretary
 Department of Environment
 and Natural Resources.

Permit No. 5296-3 and 5395-3

Big Sioux River - Water District

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

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

I have this day made a thorough examination of the water use system constructed by the City of Brandon of P.O. Box 38, Brandon, SD 57005 holder of Permit Nos. 5296-3 and 5396-3 also License No. 1804-3, bearing the priority of March 22, 1989, March 8, 1990 and January 25, 1971 authorizing the diversion of an additional 0.33 and 0.43 (total authorized diversion for well #3 is 1.32 cfs) cu. ft. per second from well #3 of the waters of Split Rock Creek Aquifer for municipal purposes, in Minnehaha County. Under License 1804-3 wells #1, 2 and 3 are authorized for a combined diversion of 1.2 cfs. Well #1 and 2 for 0.64 cfs from the water of the Big Sioux - South Aquifer and well #3 for 0.56 cfs from the Split Rock Creek Aquifer.

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

A. Works used to divert the water:

Well #1 - 48 feet deep, 32 feet of 10 inch steel casing and 16 feet of stainless steel screen. The well has a pumping rate of 170 gpm and a 20 hp Franklin motor.

Well #2 - 50 feet deep, 37.5 feet of 8 inch steel casing and 12.5 feet of stainless steel screen. The well has a Ground Fos pump, model no. SP-16-2 with a pumping rate of 65 gpm and a 2 hp Franklin motor.

Well #3 - 222 feet deep, 182 feet of 12 inch steel casing and 40 feet of stainless steel screen. The well has a Crown pump, model no. 8L-600 FTD with a pumping rate of 625 gpm and a 75 hp Franklin motor.

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

Distribution system for Brandon's municipal water supply.

C. Works used to apply water to beneficial use:

Municipal water supply.

The system is in the following condition good. The point of diversion is located well #1 - 1460 feet N and 600 feet W and well #2 - 1150 feet N and 600 feet W from the center of Section 3-T101N-R48W and well #3 - 1750 feet N and 430 feet E of the SW corner of Section 35-T102N-R48W. The works are capable of diverting and conveying to the place of use 1.39 well #3 and 0.56 wells #1 and 2 cu. ft. per second of water which is to be used for a municipal water supply.

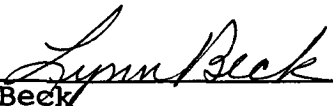
The license should be issued for 1.39 cfs from the Split Rock Creek Aquifer for well #3 and a combined 0.52 cfs from the Big Sioux Aquifer for wells #1 and 2.

Applicable permit qualifications have been complied with: X Yes No

Exceptions to compliance are: none

Date: 4-13-95

COMMENTS: This report is based on an inspection by Greg Johnston done in July 1992. The additional 0.07 cfs from well #3 is covered under new permit no. 5868-3. The additional diversion is from the waters of the Spilt Rock Creek Aquifer and has a priority date of June 8, 1995.



Lynn Beck
Natural Resources Engineer
DENR, Water Rights Division

REPORT ON INSPECTION OF PERMIT NO. 5296-3 and 5395-3

DATE: 7-92

Other permit(s) associated with the project: License 1804-3

DIVERSION POINT LEGAL LOCATION: Well #1 - 1460' N and 600' W and well #2 - 1150' N and 600' W from the center of Section 3-T101N-R48W. Well #3 - 17⁵~~40~~' N and 430' E of the SW corner of Section 35-T102N-R48W.

WELL INFORMATION:

- 1) Well Drilling Firm: Well #1 - Thorpe Well Company; well #2 and #3 - Minnehaha Waters, Inc.
- 2) No. of Wells 3
- 3) Depth(s) well #1 - 48; well #2 - 50; well #3 - 222 feet
- 4) Well log is available Y
- 5) Comment: Well #1, 2 and 3 are licensed under 1804-3. Additional diversion for well #3 is permitted under 5296-3 and 5395-3.

Casing: Well #1

- 1) Diameter 10 inches
- 2) Length 32 feet
- 3) Type steel

Screen:

- 1) Type stainless steel
- 2) Length 16 feet
- 3) Static water level 20 feet

Pump:

- 1) Make
- 2) Model
- 3) Size
- 4) Capacity 170 (pumping rate) GPM

Motor:

- 1) Make Franklin
- 2) Model No.
- 3) Horsepower rating 20 hp

Casing: Well #2

- 1) Diameter 8 inches
- 2) Length 37.5 feet
- 3) Type steel

Screen:

- 1) Type stainless steel
- 2) Length 12.5 feet
- 3) Static water level 20 feet

Pump:

- 1) Make Ground Fos
- 2) Model SP-16-2
- 3) Size
- 4) Capacity 65 (pumping rate) GPM

Motor:

- 1) Make Franklin
- 2) Model No.
- 3) Horsepower rating 2 hp

Casing: Well #3

- 1) Diameter 12 inches
- 2) Length 182 feet
- 3) Type steel

Screen:

- 1) Type stainless steel
- 2) Length 40 feet
- 3) Static water level 50 feet

Pump:

- 1) Make Crown
- 2) Model 8L-600 FTD
- 3) Size
- 4) Capacity 625 (pumping rate) GPM

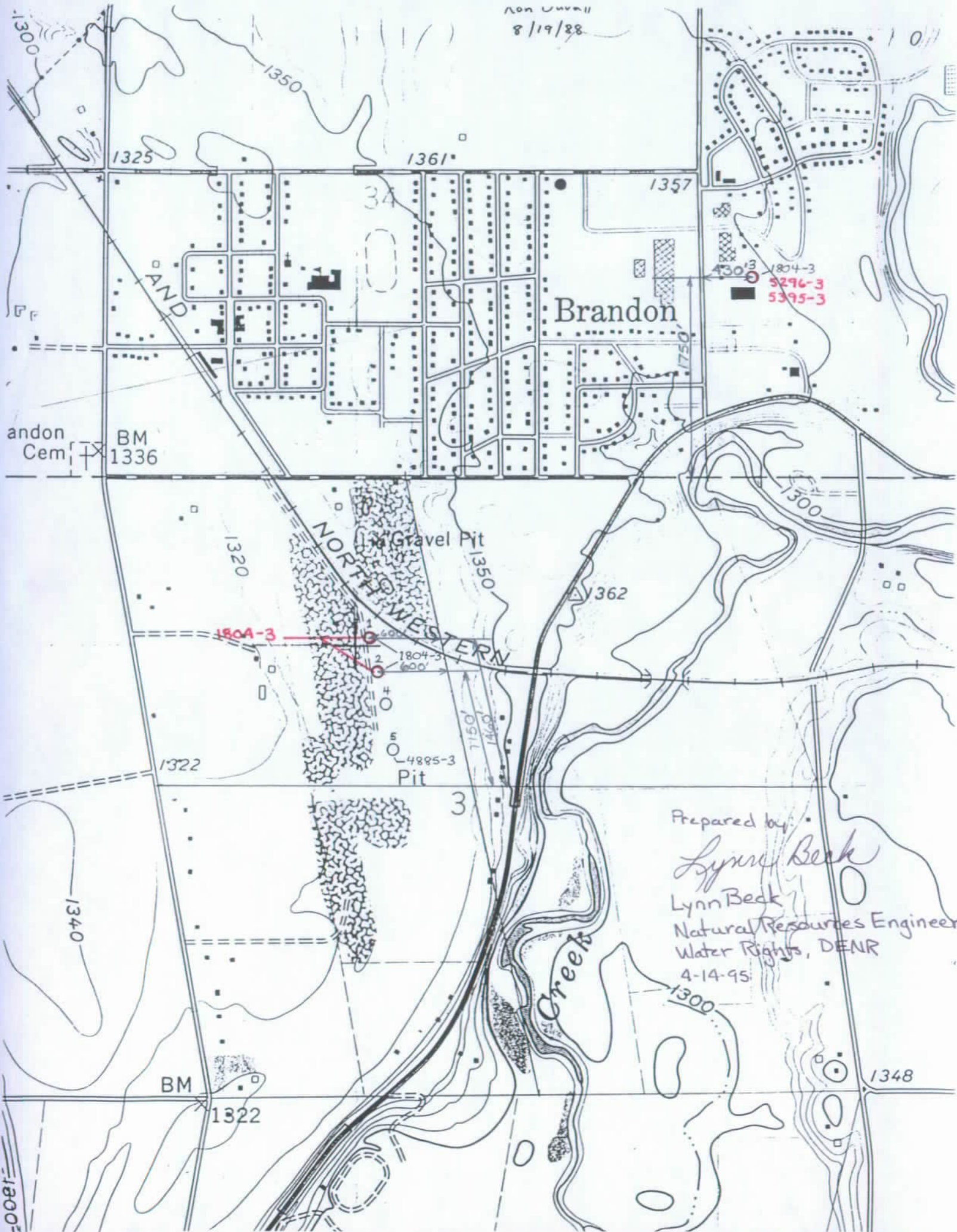
Motor:

- 1) Make Franklin
- 2) Model No.
- 3) Horsepower rating 75 hp

SYSTEM TYPE: Municipal water supply.

PERMIT QUALIFICATIONS AND REGULATIONS:

- 1) Special qualifications to permit being abided by Y
- 2) All structures, wells and lands on map Y



Prepared by

Lynne Beck

Lynn Beck
Natural Resources Engineer
Water Rights, DENR

4-14-95

1300

1348

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 5868-3

(1) The City of Brandon, PO Box 95, Brandon SD 57005 made Application No. 5868-3, June 8, 1995 for a water permit to appropriate an additional 0.07 cubic feet of water per second (cfs) from groundwater (one well), Minnehaha County, South Dakota for municipal use purposes. Permit No. 5868-3, with a priority date of June 8, 1995 was approved September 5, 1995 and issued to the applicant for diversion of water with construction of the described water supply system completed and the application to beneficial use of said water completed.

Water Permit No. 5868-3 increased the diversion rate of Well #3 authorized by Water Right No. 1804-3 and Water Permit Nos. 5296-3 and 5395-3 from 1.32 cfs to 1.39 cfs. Water Right No. 1804-3 and Water Permit Nos. 5296-3 and 5395-3, combined, appropriate 1.32 cfs from the City of Brandon's Well No. 3 (Split Rock Creek Aquifer) 22 feet deep located in the NW 1/4 SW 1/4 Section 35-T102N-R48W. Water Right No. 1804-3 also authorizes 0.64 cfs from Well Nos. 1 & 2 (Big Sioux -South Aquifer). The applicable portions of Water Right No. 1804-3 and Water Permit Nos. 5296-3 and 5395-3 have been incorporated into this license.

(2) It is certified that the applicant has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 1.39 cfs (Split Rock Creek Aquifer) and 0.52 cfs (Big Sioux South Aquifer) for beneficial use. The location of the diversion points are Well #1 - 1460 feet north and 600 feet west (NE 1/4 NW 1/4) and Well #2 - 1150 feet north and 600 feet west (SE 1/4 NW 1/4) both from the center of Section 3-T101N-R48W and Well #3 - 1750 feet north and 430 feet east (NW 1/4 SW 1/4) of the southwest corner of Section 35-T102N-R48W

(3) The applicant 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 Brandon, PO Box 95, Brandon SD 57005 the holder and/or owner of Incorporated Water Permit No. 5868-3 issued a license to appropriate water, the right to use 1.91 cubic feet of water per second from groundwater (three wells) from the location specified in (2) of this license for municipal use purposes. The priority dates are as follows: Well Nos. #1 & #2 - 0.52 cfs (January 25, 1971); Well #3 - 0.56 cfs (January 1, 1971); 0.33 cfs (March 22, 1989); 0.43 cfs (March 8, 1990); and 0.07 cfs (June 8, 1995). This license is subject to any limitations or qualifications listed in Incorporated Water Permit No. 5868-3 and subject to South Dakota State Law.



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

DEC 18 1995

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

DEC 18 1995

Dennis Olson, Finance Officer
City of Brandon
PO Box 95
Brandon SD 57005

Dear Mr. Olson:

Enclosed are Water Permit and Water License Nos. 5868-3 and 5869-3, as well as receipts assessed for the inspections and issuance of the licenses. Water License Nos. 5868-3 and 5869-3 are the final documents which complete the process of obtaining water rights.

The applicable portions of Water Right No. 1804-3 and Water Permit Nos. 5296-3 and 5395-3 have been incorporated into Water License No. 5868-3. The applicable portions of Water Right No. 4885-3 have been incorporated into Water License No. 5869-3.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the wells authorized by the above permits, 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 the City of Brandon uses the water beneficially, as stated in the Water Licenses, 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 Program
605 773-3352

enclosures