

WATER PERMIT NO. 6202-3

Name of Applicant: City of Pierre

Address: PO Box 1253, Pierre SD Phone: 605 773-7448

Amount of Water Claimed: 0.44 cfs Total Acres: NA

Source of Water Supply: groundwater (one well)

Water to be used for: municipal County: Hughes

Type of Waste Disposal System:

Location: south of Pierre Indian Learning Center

PRIORITY Date Received: 4-12-2000

Fee: \$250

Corrected Application Received: 5-9-2000

Period of Annual Use: Jan 1- Dec 31

Remarks: Increases diversion rate authorized by Permit No. 5212-3 from 800 gpm to 1000 gpm

Diversion Point: NW ¼ SW ¼

Sec 11-T110N-R79W

Land to be Irrigated: NA

Depth of Well: 68 feet deep

Well Driller: : Pullman Drilling

Remarks:

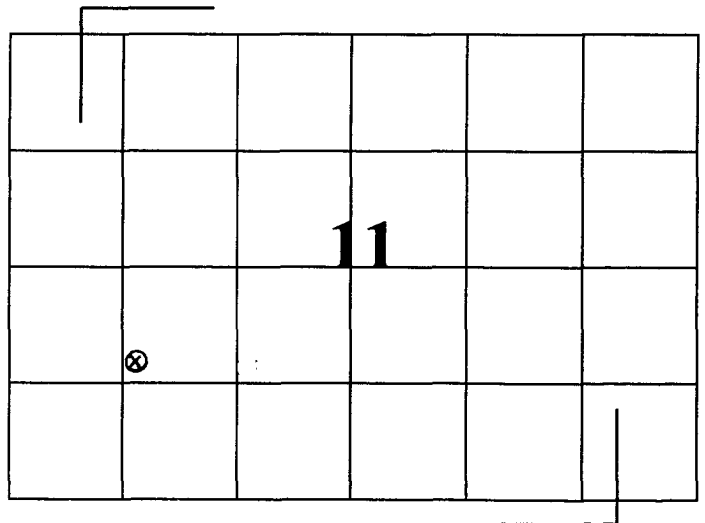
Type of Map: topo

Prepared by: Lynn Beck

Reviewed and the Number Assigned on: 5-9-2000

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____



**SOUTH DAKOTA
WATER PERMIT NO. 6202-3**

Date of first receipt of application April 12, 2000.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6202-3 to City of Pierre, PO Box 1253, Pierre SD 57501 authorizing the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 6202-3 appropriates 0.44 cubic feet of water per second (cfs) (200 gallons per minute [gpm]) by increasing the diversion rate authorized by Water Permit No. 5212-3. Water Permit No. 5212-3 appropriates 1.8 cfs (800 gpm) from one well (Missouri Aquifer: Pierre Management Unit) 68 feet deep located in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 11-T110N-R79W. An investigation of the permit found the well capable of diverting 1000 gpm. This permit increases the water appropriation from the well from 800 gpm to 1000 gpm.
2. The water appropriated shall be used for the purpose of supplying water for municipal use and may not exceed the amount of water needed for beneficial use.
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. 6202-3 is July 31, 2000.
5. The date from which applicant may claim right is April 12, 2000.
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.

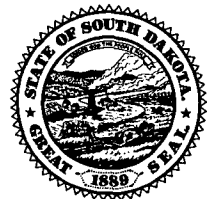
WATER MANAGEMENT BOARD

By: Garland Erbele

Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

AUG 25 2000

date



Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>6202-3</u>	(office use only) Hydrologic Unit <u>10140101</u>
	Basin <u>Missouri River</u>	
	Newspaper <u>Capital Journal</u>	



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

Check use(s) of water:

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

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.) _____

Application to appropriate additional water to the quantity authorized by Water Permit No. 5212-3

- Name of Applicant City of Pierre - c/o Fred Snoderly, WS Phone 773-7448
(check one) ☐ Owner ☐ Tenant/lessee
Mailing Address PO Box 1253, Pierre, SD 57501 State _____
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 0.44 *CFS or 200 **GPM ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (**Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply Existing well No. 11 - Pierre Management Unit of the Missouri Aquifer
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) - 3800 feet south of NW corner of Section 11, T110N, R79W (NW1/4 SW1/4)
County Hughes
- County or counties where water will be used Hughes
- Annual period during which water is to be used January 1 - December 31
- 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)

Water Permit No. 5212-3 appropriated 1.8 cubic feet of water per second (808 gpm). The well when utilized for peak production is capable of producing greater than the permitted amount. This application is for the additional appropriation of water.

STATE OF SOUTH DAKOTA) SS
County of Hughes

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)

I, Fred R. Snoderly, 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.

Applicant's signature Fred R. Snoderly

Subscribed and sworn to before me this 11th day of April 19 2000

[Signature]
Notary Public signature

SOUTH DAKOTA WATER WELL COMPLETION REPORT

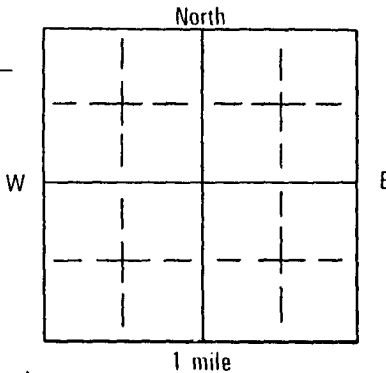
10-85

Location $\frac{1}{4}$ $\frac{1}{4}$ Sec _____ Twp _____ Rg _____

County

Hughes

Please mark well location with an "X"

Well Completion Date 6-8-89

PROPOSED USE:

☐ Domestic ☒ Municipal ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

Forward Rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	<u>5</u> IN	<u>0</u> FT	<u>27</u> FT	<u>8 3/8</u> IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUT:

Was the well grouted? ☒ YES ☐ NOTo what depth? 20 FEETWhat is grouting material? CementIf cement, number of sacks? 9Describe grouting procedure line

What was grout weight? _____ LB/GAL

SCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 5 IN Length 20 FEETMaterial B.V.C.Slot Size 0.14 Set From 27 Feet To 47 Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Other information _____

Was a packer or seal used? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? Gravel PackedWas well disinfected upon completion? ☒ YES ☐ NO

Explain _____

Bacteriological analysis ☐ YES ☒ NO

Laboratory sent to _____

Well Owner:

Name City of PierreAddress Pierre, S.D. 57501

Well Log:

Depth

Formation	From	To
Sandy soil	0	5
sand	5	10
yellow clay	10	15
blue clay	15	16
fine grained sand	16	20
medium-coarse sand	20	38
clay breaks	38	39
med coarse sand	39	60
medium sand	60	67
Shale	67	68
TD 68'		

STATIC WATER LEVEL 7 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify _____

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped 750 GPM☐ Bailed Describe: air☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

This well was drilled along river to get soil samples and formation test

This well was drilled under license # 440

And this report is true and accurate.

Drilling firm Pullman Well Drilling

Signature of License Representative:

R. E. Kuhl Repus

Signature of Well Owner:

Date 10-10-89

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

N^o 416507

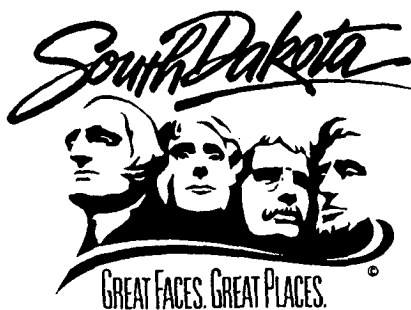
Pierre, _____ May 9, 2000

RECEIVED OF _____ City of Pierre, P.O..Box 1253, Pierre, SD 57501-1253
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>6202-3</u> to Appropriate Water, to construct and to put water to beneficial use _____	250	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. _____		
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	250 00

By David E. Ebel



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

April 7, 2000

Fred Snoderly, Water Superintendent
City of Pierre
P.O. Box 1253
Pierre, SD 57501

Dear Mr. Snoderly:

I am writing as a follow-up to our telephone conversation regarding Water Permit No. 5212-3 which appropriates water from Pierre's City Well No. 11 (south of Pierre Indian Learning Center). A copy of this water permit obtained in 1988 is enclosed.

The Water Rights Program is in the process of licensing the permit which is the final step in procuring the city's right to the use of water from this well. Based on our conversation, it appears that this well is capable and is at times utilized at a rate greater than the 808 gpm authorized by the permit. You indicated that the well is capable of producing approximately 1,000 gpm.

A new water right permit will need to be obtained for the diversion capability greater than amount authorized by Permit No. 5212-3. I have partially completed an application form for the city to complete. I did not include the amount of the additional water (highlighted) because you were going to check the peak diversion capability for the well. The application will also need to be signed and an application filing fee submitted. The application filing fee for an additional 200 gpm of water is \$250. You should also be aware that this application will need to be public noticed and at that time the city will be responsible for the publication costs.

It is my intention to make sure that the city has water permits that accurately reflect its water use in compliance with SD water rights law. Please feel free to contact me if you have any questions.

Sincerely,

Eric Gronlund
Water Rights Program
(605) 773-3352

enclosures

REPORT ON WATER PERMIT APPLICATION NO. 6202-3
for the City of Pierre
July 3, 2000

Application No. 6202-3 proposes to appropriate 0.44 cfs (200 gpm) by increasing the diversion rate authorized by Water Permit No. 5212-3. Water Permit No. 5212-3 appropriates 1.8 cfs (808 gpm) from one well approximately 68 feet deep located in the NW 1/4 SW 1/4 of Section 11, T110N R79W in Hughes County. An investigation of the permit found the well capable of diverting 1000 gpm. This application increases the total water appropriation to 1000 gpm. The water is for municipal use.

AQUIFER - MISSOURI PIERRE (M-P)

The Missouri Pierre is an alluvium and outwash (sand and gravel) which is under water table conditions in this area. The aquifer underlies 70 square mile and contains an estimated 270,000 acre feet of water in storage in Hughes County (Hamilton, 1986). The aquifer is hydraulically connected to the Missouri River and the ground water level is maintained by the river and Lake Sharpe.

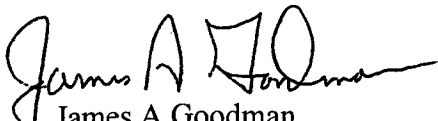
A test well log for this area indicates sand from near the surface to a depth of 67 feet and a static water level of seven feet below land surface. The city of Pierre is capable of pumping 1000 gpm from well No. 11.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

There are no other existing water permits/rights in this immediate area for water from the Missouri Pierre aquifer. Interference is not a concern.

CONCLUSIONS

1. Water is available from the Missouri Pierre aquifer.
2. Interference is not a concern.
3. An inspection of the existing permit indicated that the city of Pierre was capable of diverting more water from this well than was permitted. Approval of this application will allow the licensing of this permit to reflect the system as constructed.


James A Goodman
Natural Resources Engineer



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6202-3, City of Pierre**

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. 6202-3, City of Pierre, c/o Fred R. Snoderly, P.O. Box 1253, Pierre, SD 57501.

The Chief Engineer is recommending APPROVAL of Application No. 6202-3 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) it is 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.

Garland Erbele, Chief Engineer
July 5, 2000



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

July 7, 2000

Capital Journal
P.O. Box 878
Pierre, SD 57501-0878

ATTENTION: Legal Public Notice

Enclosed is a Notice of Hearing on Application No. 6202-3 to Appropriate Water to be published twice. Please publish the first notice on July 13, 2000, 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 Pierre, %Fred R. Snoderly, P.O. Box 1253, Pierre, SD 57501 (Ph # (605) 773-7448).

Please send the Water Rights Program the first publication immediately. The publication is checked for accuracy so any corrections can be made in the second publication. You may use the form below or fax a copy of the first publication. Any fax should be sent to the attention of Karen Schlaak at (605) 773-4068. Publication errors can invalidate the public notice.

After the second publication, **please send us an affidavit or use the enclosed Proof of Publication form.** The applicant pays the cost of publication, but the Water Rights Program records require an affidavit or Proof of Publication. Delays in receiving the affidavit can be costly to the applicant.

Sincerely,

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

-----CU T HERE-----

No. 6202-3

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

Date _____

We are in receipt of your letter of July 7, 2000, enclosing Notice of Hearing to Appropriate Water by Application No. 6202-3 which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

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

July 7, 2000

City of Pierre
%Fred R. Snoderly
P.O. Box 1253
Pierre, SD 57501

Dear Mr. Snoderly:

Water Permit Application No. 6202-3 for municipal use has 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 Capital Journal printed at Pierre, SD (Ph # (605) 224-7301). For your information, a copy of the notice, the recommendation of the Chief Engineer and a report on the application 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 application.

Sincerely,

Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, 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 application.

Instruction to Newspaper - Publish first Notice on July 13, 2000, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6202-3 to Appropriate Water

Notice is given that the City of Pierre, PO Box 1253, Pierre SD 57501 has filed an application for a water permit to appropriate 0.44 cubic feet of water per second (cfs) (200 gallons per minute [gpm]) by increasing the diversion rate authorized by Water Permit No. 5212-3. Water Permit No. 5212-3 appropriates 1.8 cfs (800 gpm) from one well (Missouri Aquifer: Pierre Management Unit) 68 feet deep located in the NW ¼ SW ¼ Section 11-T110N-R79W. An investigation of the permit found the well capable of diverting 1000 gpm. This application proposes to increase the water appropriation from the well from 800 gpm to 1000 gpm. The water is for municipal use.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6202-3 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 application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. 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 July 31, 2000.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, 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 this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.



Capital Journal

AFFIDAVIT OF PUBLICATION

State of South Dakota, County of Hughes

Kami L. Martell of said county, being, first duly sworn, on oath, says: That he/she is the publisher or an employee of the publisher of the **Capital Journal**, a daily newspaper published in the City of Pierre in said County of Hughes and State of South Dakota; that he/she has full and personal knowledge of the facts herein stated, that said newspaper is a legal newspaper as defined in SDCL 17-2-2.1 through 17-2-2.4 inclusive, that said newspaper has been published within the said County of Hughes and State of South Dakota, for at least one year next prior to the first publication of the attached public notice, and that the legal/display advertisement headed Notice of Application # 6202-3

a printed copy of which, taken from the paper in which the same was published, and which is hereto attached and made a part of this affidavit, was published in said newspaper for 2 successive week(s) to wit:

<u>July 13</u>	<u>2000</u>	19	19
<u>July 20</u>	<u>2000</u>	19	19
		19	19
		19	19
		19	19

That the full amount of the fee charged for the publication of the attached public notice inures to the sole benefit of the publisher or publishers; that no agreement or understanding for the division thereof has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever; that the fees charged for the publication thereof are: \$ 42.93.

Signed: Kami L. Martell

subscribed and sworn to before me this 20 day of July 2000

May L. Baker

Notary Public in and for the County of Hughes, South Dakota.
My Commission expires 2-19, 2003.



No. 3289 2tdly 7/13, 7/20
NOTICE OF APPLICATION
NO. 6202-3 to
Appropriate Water

Notice is given that the City of Pierre, P.O. Box 1253, Pierre SD 57501 has filed an application for a water permit to appropriate 0.44 cubic feet of water per second (cfs) (200 gallons per minute (gpm)) by increasing the diversion rate authorized by Water Permit No. 5212-3. Water Permit No. 5212-3 appropriates 1.8 cfs (800 gpm) from one well (Missouri Aquifer: Pierre Management Unit) 68 feet deep located in the NW 1/4 SW 1/4 Section 11-T110N-R79W. An investigation of the permit found the well capable of diverting 1000 gpm. This application proposes to increase the water appropriation from the well from 800 gpm to 1000 gpm. The water is for municipal use.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6202-3 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 application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and the Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. 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 July 31, 2000.

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Steven M. Pirner
Secretary
Department of Environment
and Natural Resources



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

6202-3

City of Pierre
c/o Fred R. Snoderly
PO Box 1253
Pierre SD 57501

Dear Mr. Snoderly:

Enclosed is Water Permit and License No. 6202-3. This is the final water right document completing the city's process of obtaining a Water Right.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 6202-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

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

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program
(605) 773-3352

NOTE: The applicable portions of No. 5212-3 are incorporated into Water License No. 6202-3.

enclosures

Permit No. 5212-3 & 6202-3
Missouri River - Water District

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

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

I have this day, August 6, 1999 made a thorough examination of the water use system constructed by City of Pierre of P.O. Box 1253, Pierre, SD 57501 holder of Permit No. 5212-3, bearing the priority of August 17, 1988 authorizing the diversion of 1.8 cu. ft. per second and Permit No. 6202-3, bearing the priority of April 12, 2000 authorizing the diversion of 0.44 cu. ft. per second of the waters of Missouri Aquifer: Pierre Management Unit for municipal purposes, in Hughes County.

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

A. Works used to divert the water:

One well 68' deep with 27' of 5" pvc casing and 20' of slotted pvc screen. Layne 3-stage pump model no. 15DRHC rated at 1,000 gpm capacity and a US Electric motor model no. R486A rated at 125 hp.

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

Municipal water distribution system with 14" pvc mainlines and 3/4" copper lines to homes and businesses.

C. Works used to apply water to beneficial use:

Municipal water to homes and businesses.

The system is in the following condition good. The point of diversion is located 3800' S of the NW corner of Section 11, T110N, R79W. The well is capable of diverting and conveying to the place of use 2.24 cu. ft. per second of water which is to be used for municipal water supply. Water has been put to beneficial use to the maximum extent as follows:

Municipal water supply for homes and businesses in Pierre, SD.

The license should be issued for 2.24 cfs.

Applicable permit qualifications have been complied with: yes

Exceptions to compliance are: none

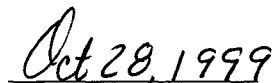
Comments:



Lynn Beck

Natural Resources Engineer

DENR, Water Rights Program


Date

REPORT ON INSPECTION OF PERMIT NO. 5212-3 & 6202-3

DATE OF INSPECTION: 8-6-99

Other permit(s) associated with the project: #

NAME & ADDRESS OF INSPECTION CONTACT: Steve Dietz

RELATIONSHIP TO PERMIT HOLDER, IF APPLICABLE: employee

NAME & ADDRESS OF PERMIT HOLDER: City of Pierre, P.O. Box 1253, Pierre, SD 57501

DIVERSION POINT LEGAL LOCATION: 3800' S of the NW corner of Section 11, T110N, R79W

WELL INFORMATION:

- 1) Well Drilling Firm: Pullman Well Drilling
- 2) No. of Wells 1
- 3) Depth(s) 68 feet
- 4) Well log is available yes

Casing:

- 1) Diameter 5 inches
- 2) Length 27 feet
- 3) Type pvc

Screen:

- 1) Type pcv
- 2) Length 20 feet
- 3) Static water level 7 feet

Pump:

- 1) Make Layne
- 2) Model 15DRHC
- 3) Size 3-stage
- 4) Capacity 1,000 GPM

Motor:

- 1) Make US Electric
- 2) Model No. R486A
- 3) Horsepower rating 125 hp

DISTRIBUTION LINES OR CANALS:

1) Type pvc 2) Size 14" 3) Length municipal water distribution system.

1) Type copper 2) Size 3/4" 3) Length to homes and businesses.

PERMIT QUALIFICATIONS AND REGULATIONS:

1) Special qualifications to permit being abided by yes

2) All structures, wells and lands on map yes

WATER RIGHT NO. 5212-3 & 6202-3



Lynn Beck

Lynn Beck
Natural Resources Engineer
DENR, Water Rights Program
October 28, 1999



South Dakota Department of
Environment and Natural Resources



Protecting South Dakota's Tomorrow ... Today

6202-3

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6202-3

(1) City of Pierre, PO Box 1253, Pierre SD 57501 made Application No. 6202-3, April 12, 2000 for a water permit to divert 0.44 cubic feet of water per second (cfs) from groundwater (one well), Hughes County, South Dakota for municipal use purposes. Permit No. 6202-3, with a priority date of April 12, 2000 was approved July 31, 2000 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. 5212-3 with a priority date of August 17, 1988, authorized diversion of 1.8 cfs from one well. Water Permit No. 6202-3 increased the water appropriation from the well. The applicable portions of No. 5212-3 are incorporated into this Water License No. 6202-3.

(2) It is certified that the permit holder 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 2.24 cubic feet of water per second for beneficial use. The location of the diversion point is 3,800 feet south of the northwest corner of Section 11-T110N-R79W (NW ¼ SW ¼).

(3) The permit holder has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use for the City of Pierre.

(4) Pursuant to South Dakota Water Law 46-5-30.1 City of Pierre, PO Box 1253, Pierre SD 57501 the holder and/or owner of Incorporated Water Right No. 6202-3 is issued a license to appropriate water, the right to use 2.24 cubic feet of water per second from groundwater (one well) with priority date of August 17, 1988 (1.8 cfs) and April 12, 2000 (0.44 cfs) from the location specified in (2) of this license for municipal use purposes. This license is subject to any limitations or qualifications listed in Incorporated Water Right No. 6202-3 and subject to South Dakota State Law.



GARLAND ERBELE, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

AUG 25 2000

date

