

5960-3
~~5094-3~~

WATER PERMIT NO.

Name of Applicant: Sioux Rural Water System

Address: RR 4, Box 162, Watertown, SD 57201

Phone: 882-1321

Amount of Water Claimed: 1.33 cfs (600 ac-ft annually)

Total Acres: N/A

Source of Water Supply: groundwater (Big Sioux-Brookings Aquifer)

Water to be used for: rural water system

County: Hamlin, Codington, Deuel, Clark

Type of Waste Disposal System: N/A

Location: 4 wells - approx. 1 mile west of Castlewood

PRIORITY

Date Received: 10/8/96

Fee: \$300

Corrected Application Received: XX

Period of Annual Use: Jan. 1 - Dec. 31

Remarks: water reserved by Future Use Permit No. 5094-3

Diversion Point: SE1/4 SW1/4

Section 34, T115N, R52W

Land to be Irrigated: N/A

Depth of Well: 35 to 45 feet deep

Well Driller:

Remarks:

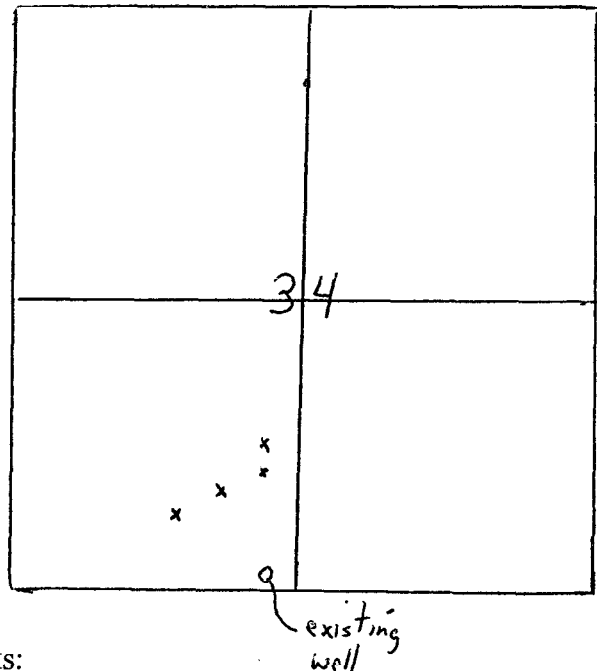
Type of Map: Plat

Prepared by: Bruce Jennings, DGR

Reviewed and the Number Assigned on: 10/9/96

By: Eric Gronlund

Notice of Hearing - date to intervene: _____



**SOUTH DAKOTA
WATER PERMIT NO. 5960-3**

Date of first receipt of application October 8, 1996.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 5960-3 to Sioux Rural Water System, Inc., RR 4 Box 162, Watertown SD 57201 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. 5960-3 authorizes construction and placing to beneficial use 1.33 cubic feet of water per second (600 acre-feet annually) from four wells (Big Sioux-Brookings Aquifer) located in the SE 1/4 SW 1/4 Section 34-T115N-R52W. This water is appropriated and reserved by Future Use Permit No. 5094-3 which was approved September 3, 1986. Currently, the permit has 990 acre-feet of water remaining in reserve for rural water system use.
2. The water appropriated shall be used for the purpose of supplying water to the rural water system and may not exceed the amount of water needed for beneficial use for rural water system 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. 5960-3 is December 9, 1996.
5. The date from which applicant may claim right is June 2, 1986.
6. One-fifth of the construction is to be completed on or before June 9, 1999.
7. All construction is to be completed on or before December 9, 2001.
8. Water is to be put to beneficial use on or before December 9, 2005.
9. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The wells 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.
2. The wells authorized by Permit No. 5960-3 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. Permit No. 5960-3 authorizes a total annual diversion of 600 acre-feet of water annually from the Big Sioux:Brookings Aquifer.

(continued)

4. The Sioux Rural Water System shall report to the Chief Engineer annually the amount of water withdrawn each year from the Big Sioux:Brookings Aquifer.

WATER MANAGEMENT BOARD

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

JAN 7 1997

date



No. 5960-3 Hydrologic Unit 10170202
 Map No. _____ Basin Big Sioux River
 Newspaper Hamlin Co. Herald Enterprise, Box 207, Hayti (Thurs.)
Watertown Public Opinion, Box 10 (Daily)
Clear Lake Courier, Box 277 (Thurs.)
Clark Co. Courier, Box 189, Clark (Wed.)

DWNR, Foss Bldg.
 Pierre, SD 57501
 (605) 773-3352

783-3636
 886-6901

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

Check use of water: Industrial ☐ Commercial ☐ Municipal ☐ Other Common Distribution System ☐
 Rural Water System ☒ Suburban Housing ☐ Geothermal Heat ☐ Institutional ☐ Recreational ☐
 Domestic ☐ (above 18gpm) Other ☐

Type of Application: Check one or more of the following

New ☒ Vested Right ☐ Future Use ☐ Change Use ☐

☐ Amend Permit No. _____ with old priority date retained

Change diversion point(s) ☐ Add diversion point(s) ☐ Other ☐ _____

☐ Application to: Change diversion point(s) ☐ Add diversion point(s) ☐ on Permit No. _____

☒ Construction to use water reserved by Future Use Permit No. 5094-3

1. Name of Applicant Sioux Rural Water System, Inc. Phone No. 882-1321

Post Office Address R.R. 4, Box 162, Watertown State SD Zip Code 57201
 (Street, RR or Box)

2. Amount of water claimed (c.f.s.) 1.33 (600 acre-feet annually)

3. Source of water supply Groundwater - Big Sioux Aquifer

4. Location of point of diversion SW 1/4, Sec. 34, T115N, R52 W

_____ County Hamlin

5. Counties where water will be used Hamlin, Codington, Deuel, Clark

6. Annual period during which water is to be used January 1 - December 31

7. Give a brief description of proposed 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)

Sioux Rural Water System provides domestic water for rural residents in portions of Hamlin, Codington, Deuel and Clark Counties, and to the towns of Kranzburg, Bryant, Hazel, Castlewood and Hayti. This application is to construct new wells for the Sioux Water Treatment Plant.

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map (see instruction)

STATE OF SOUTH DAKOTA)
 County of _____)

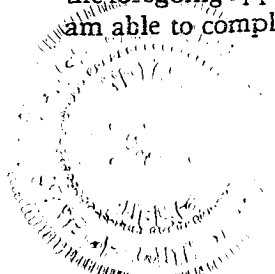
I, Curt Parliament, Chairman, Sioux Rural Water System, Inc., the applicant, certify that I have read the foregoing application, have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary construction.

Signed Curt Parliament Chairman

Subscribed and sworn to before me this 8th day of OCTOBER 1996

DOUGLAS ANDERSON
 Notary Public (or other qualified officer)

MY COMMISSION EXPIRES AUG. 26, 2001



Supplemental Information

(type or print in ink)

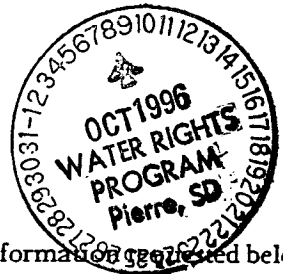
1. Well Information - Proposed construction

- a) Drill Hole Diameter 20" Depth 35'-45'
- b) Casing Type Steel Diameter 12" Thickness 0.375"
- c) Screen Type Steel (Stainless) Diameter 12" Thickness 80 Slot
- d) Gravel Pack Thickness 4" Length of Gravel Pack 25'
- e) Depth to Top of Water Bearing Material 5 Ft.
- f) Depth of Water (ground surface to water level) 5 Ft.
- g) Distance to nearest existing domestic well:
 On applicants property N/A On property owned by others Over 3,000 Ft.

2. Dugout Information Estimates

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

3. Water Storage Dams



If the proposed water use system contains one or more storage dams, please furnish the information requested below. The locations of each dam should be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam please give their name and address

b) Freeboard _____

c) Crest Width _____

Crest Length _____

d) Height _____

e) Outlet Dimensions:
 Pipe diameter _____

Spillway width _____

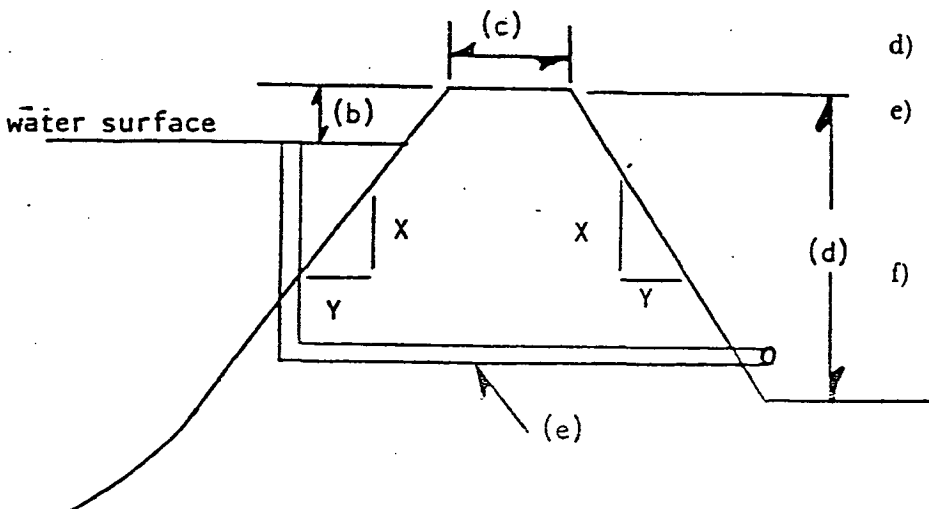
f) X & Y Slope
 Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



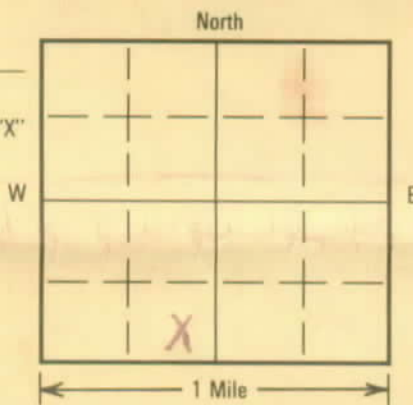
Douglas Anderson Manager
 Signature of Applicant

SOUTH DAKOTA WATER WELL COMPLETION REPORT

#1 07-92

Location SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec 34 Twp 115 Rg 52County
Hamlin

Please mark well location with an "X"

Well Completion Date 9/8/96

LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 2000 ft. from Farm (identify source).

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☒ Business ☐ Test Holes
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

Bucket, False Casing

CASING DATA:

☒ Steel ☐ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
<u>50</u> LB/FT	<u>12</u> IN	<u>32</u> FT	<u>25'</u> FT	<u>20</u> IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN
_____ LB/FT	_____ IN	_____ FT	_____ FT	_____ IN

GROUTING DATA

Grout Type	No. of Sacks	Grout Weight	From	To
_____	_____	_____ lb./gal	_____ ft.	_____ ft.
_____	_____	_____ lb./gal	_____ ft.	_____ ft.

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 12 IN Length 9' FEETMaterial Stainless SteelSlot Size 065 Set From 25' Feet to 34'6" FeetOther information Welded JointsWAS A PACKER OR SEAL USED? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? _____

DISINFECTION:

Was well disinfected upon completion? ☒ YES, How: Chlorine Fill
_____ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

Well Owner: Sioux Rural WaterBusiness Name: Sioux Rural WaterAddress: RR 4 Box 162
Watertown, SD 57201

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>0-4 Black Topsoil</u>	<u>0</u>	<u>4</u>
<u>Tan Sand</u>	<u>4</u>	<u>14</u>
<u>Fine Grey Sand</u>	<u>14</u>	<u>16</u>
<u>Mud lens</u>	<u>16</u>	<u>17</u>
<u>Fine grey sand</u>	<u>17</u>	<u>22</u>
<u>Coarse Gravel</u>	<u>22</u>	<u>30</u>
<u>Coarse Mud lens</u>	<u>30</u>	
<u>Coarse Gravel</u>	<u>30</u>	<u>32</u>
<u>Mud lens</u>	<u>32</u>	
<u>Coarse Gravel</u>	<u>32</u>	<u>34'6"</u>
<u>Hard Blue Clay</u>	<u>34'6"</u>	

STATIC WATER LEVEL 4'6" Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped Describe: 300 GPM for 8
hours.
☐ Bailed
☐ Other

Pumping Level Below Land Surface

9'6" ft. After 8 Hrs. pumped 300 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

This well was drilled under license # 111

And this report is true and accurate.

Drilling firm Lacey Well Drilling

Signature of License Representative:

James J. Lacey

Signature of Well Owner or Equitable Property Holder:

Sioux Rural Water SystemDate: 12-5-96

07-92

Date: 12-5-96

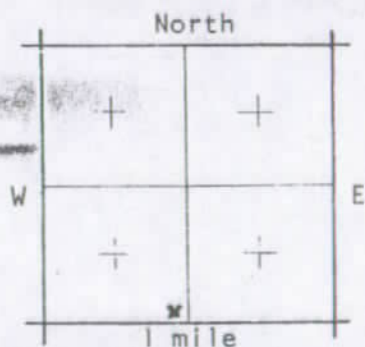
STATE OF SOUTH DAKOTA WELL DRILLERS REPORT

Location SE 1/4 SW 1/4 Sec 34 Twp 15N Rg 52W

County

Lincoln

Please mark well location with an "X"

Well Completion Date 7-17-84

PROPOSED USE:

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

Method of Drilling:

False casing

WELL CONSTRUCTION:

Diameter of hole 20 inches Depth 38 feetCasing: ☒ Steel ☐ Plastic ☐ OtherSpecify 12" steel pipePipe Weight Diameter From To
lb/ft inches 2 feet 26 feet

lb/ft inches feet feet

Was a well screen used? ☒ Yes ☐ No

If Not Specify

Screen Type SS Slot Size 100Length 12' Diameter 12"Was Casing left open end? ☐ Yes ☐ NoWas a Packer or seal used? ☐ Yes ☐ No

If so what material?

Was well gravel packed? ☒ Yes ☐ NoWas well grouted? ☒ Yes ☐ NoDescribe grouting procedure Cementup last 5'To what depth? 5' Feet

What was grouting material?

If cement, how many sacks? 18

Location of packer(s) and screen or perforated pipe

WAS WELL PLUGGED OR ABANDONED ☐ Yes ☐ No

If so how and with what material?

Well Owner

Name SIOUX RWSAddress Box 810, Brookings, SD

Well Log:

Depth

Formation

From

To

Gumbo	0	4
CLAY	4	5
COARSE GRAVEL	5	17
CLAY LENS	17	20
COARSE BROWN GRAVEL	20	36
GRAVEL / SLOTTED	36	38

STATIC WATER LEVEL 3 Feet

If flowing: closed in pressure

GPM flow through inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other; specify

Can well be completely shut off?

WELL TEST DATA:

☒ Pumped☐ Bailed Describe:☐ Other

Pumping Level Below Land Surface

ft. After Hrs. pumped GPM

ft. After Hrs. pumped GPM

ft. After Hrs. pumped GPM

Remarks: pumped around 500
gpm for 2 days
& stayed above 901500

This well was drilled under license # 111

and this report is true and accurate.

Lacey Well Drilling Jane J. Lacey
 Drilling Firm signed by

5-15-85

Date

RECEIPT

415158

Division of Water Rights

South Dakota Department of Environment and Natural Resources

Pierre, October 17, 19 96

RECEIVED OF Sioux Rural Water System, Inc., 45703 - 176th St., Watertown, SD 57201-7186

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

Fee for Application for Permit No. <u>5966-3</u> to Appropriate Water, to construct and to put water to beneficial use _____	300	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	300 00

By John Hatch
Chief Engineer



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

October 9, 1996

Douglas Anderson, Manager
Sioux Rural Water System, Inc.
RR 4, Box 162
Watertown, SD 57201

Dear Mr. Anderson:

The Water Rights Program is in receipt of Sioux Rural Water System's water permit application. The filing fee to construct and place to beneficial use 600 acre feet of water annually reserved by Future Use Permit No. 5094-3 is \$300.

Please feel free to contact me if you have any questions.

Sincerely,

Eric Gronlund
Water Rights Program
(605) 773-3352

CK # 8509

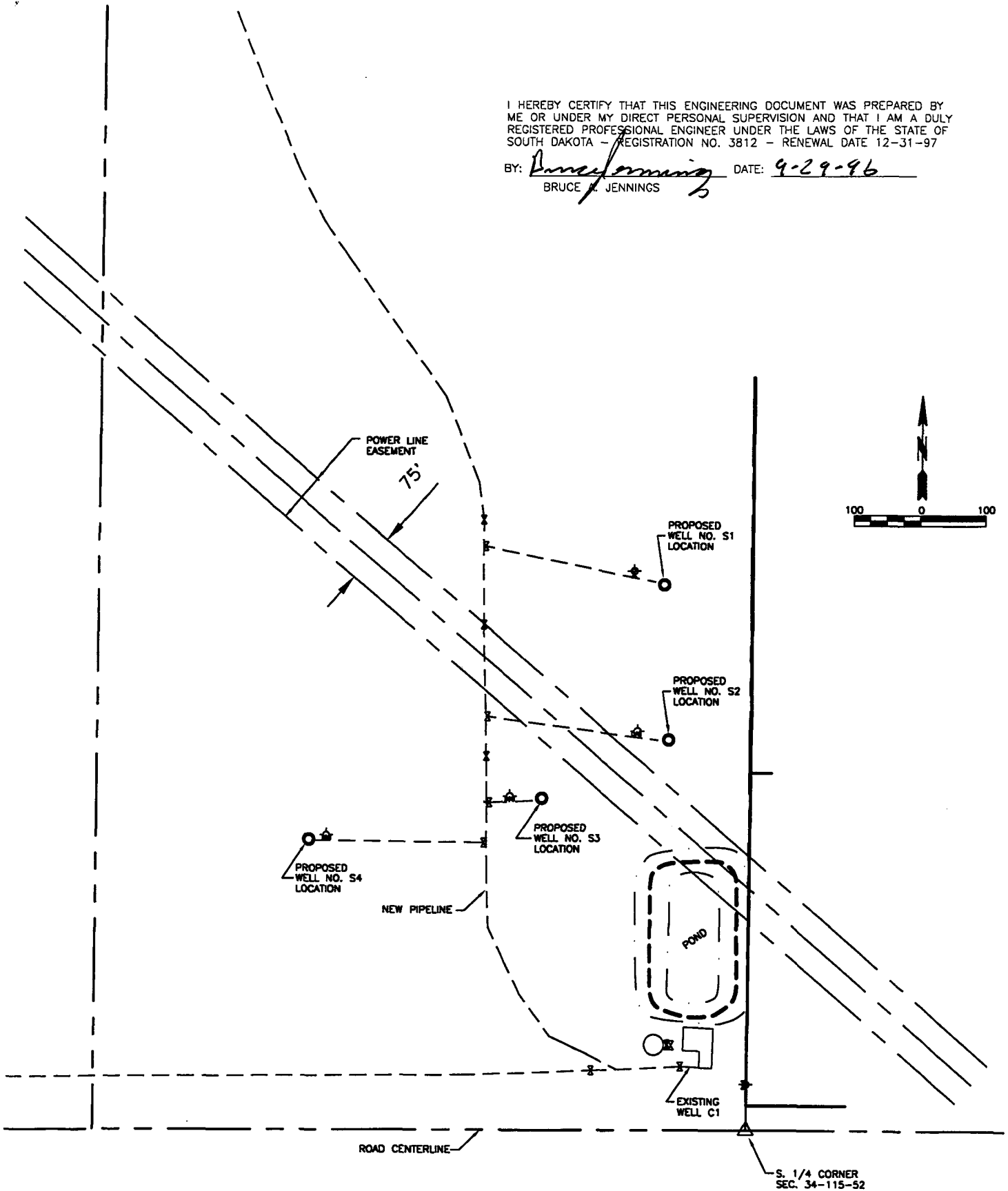
10-11-96

\$ 300.00

405.00

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF SOUTH DAKOTA - REGISTRATION NO. 3812 - RENEWAL DATE 12-31-97

BY: Bruce Jennings DATE: 9-29-96
BRUCE M. JENNINGS



DeWild Grant Reckert and Associates Company
Consulting Engineers
Rock Rapids, Iowa
Sioux City, Iowa
Sioux Falls, South Dakota

Date MAR 1996
Drawn By BJ
Approved
Revised
Project No. 802803

SIoux RURAL WATER SYSTEM
1996 WATER SYSTEM
IMPROVEMENTS

REPORT ON WATER PERMIT APPLICATION NO. 5960-3
for Sioux Rural Water System
November 1, 1996

Application No. 5960-3 proposes to construct and place to beneficial use 1.33 cfs (600 acre feet annually) from four wells approximately 35 to 45 feet deep located in the SE 1/4 SW 1/4 of Section 34, T115N-R52W in Hamlin County. This water is appropriated and reserved by Future Use Permit No. 5094-3 which was approved September 3, 1986. Currently, this permit has 990 acre feet of remaining in reserve for rural water system use.

AQUIFER - BIG SIOUX BROOKINGS (BS-B)

The Big Sioux Brookings is a surficial outwash (sand and gravel) which is under unconfined or water table conditions in this area. The aquifer underlies 74,500 acres and contains an estimated 245,850 acre feet of recoverable water in storage in Hamlin County (Hedges, 1982). The aquifer is hydraulically connected to the Big Sioux North aquifer just north of this area and to the Big Sioux River. The entire Big Sioux aquifer underlies 113,920 acres and contains an estimated 480,000 acre feet of water in storage in Hamlin and Deuel Counties (Kume, 1985). Ground water movement is from north to south and probably from west to east toward the Big Sioux River in this area.

The Water Rights Program monitors two observation wells (HN-57A and HN-77B) which are located within a one mile radius of this application. Another observation well HN-76B which was also located in this immediate area was destroyed in 1989. Water levels for these wells show good response to climatic conditions, that is, rising water levels during wet years (recharge) and gradually declining water levels during dry years. The water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water-Rights, 1996). Hydrographs for these wells are included with this report.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

There are no other existing water permits/rights in this area other than Water Right No. 5098-3 which is held by the applicant. Interference is not a concern. Drawdown will occur as a result of this diversion and may overlap with existing diversions but this can be managed by the applicant. In any case, the drawdown should not be significant or affect the water supply from the aquifer.

CONCLUSIONS

1. Water is available from the Big Sioux Brookings aquifer.
2. The aquifer is unconfined and under water table conditions. Drawdown created by pumping should not be significant very far from individual production wells. Interference is not expected to be a problem.
3. The wells authorized by this application must be constructed in accordance with SD Well Construction Standards.

4. Approval of this application will leave 390 acre feet of water remaining under Future Use Permit No. 5094-3. Any water not put to beneficial use by this application will revert to the future use permit.


James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

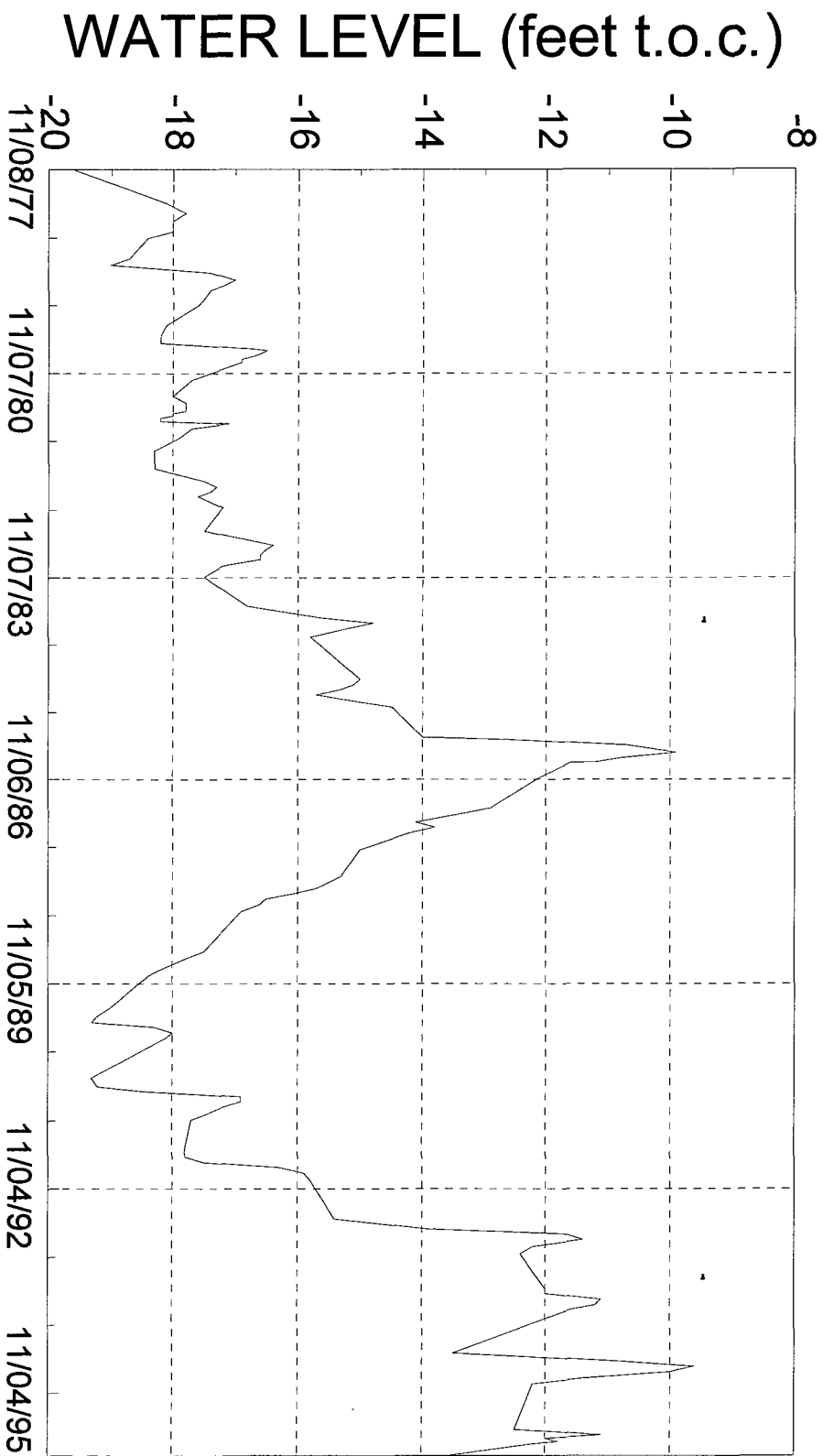
Hedges, L.S., etal, 1982, Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, SD and Iowa, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.

Kume, J., 1985, Water Resources of Deuel and Hamlin Counties, South Dakota, USGS WRI 84-4069, USGS, Huron, SD, 57350.

Water Rights, 1996, Unpublished Observation Well Data for Hamlin County, SD DENR, Division of Environmental Services, Water Rights Program, Pierre, SD, 57501.

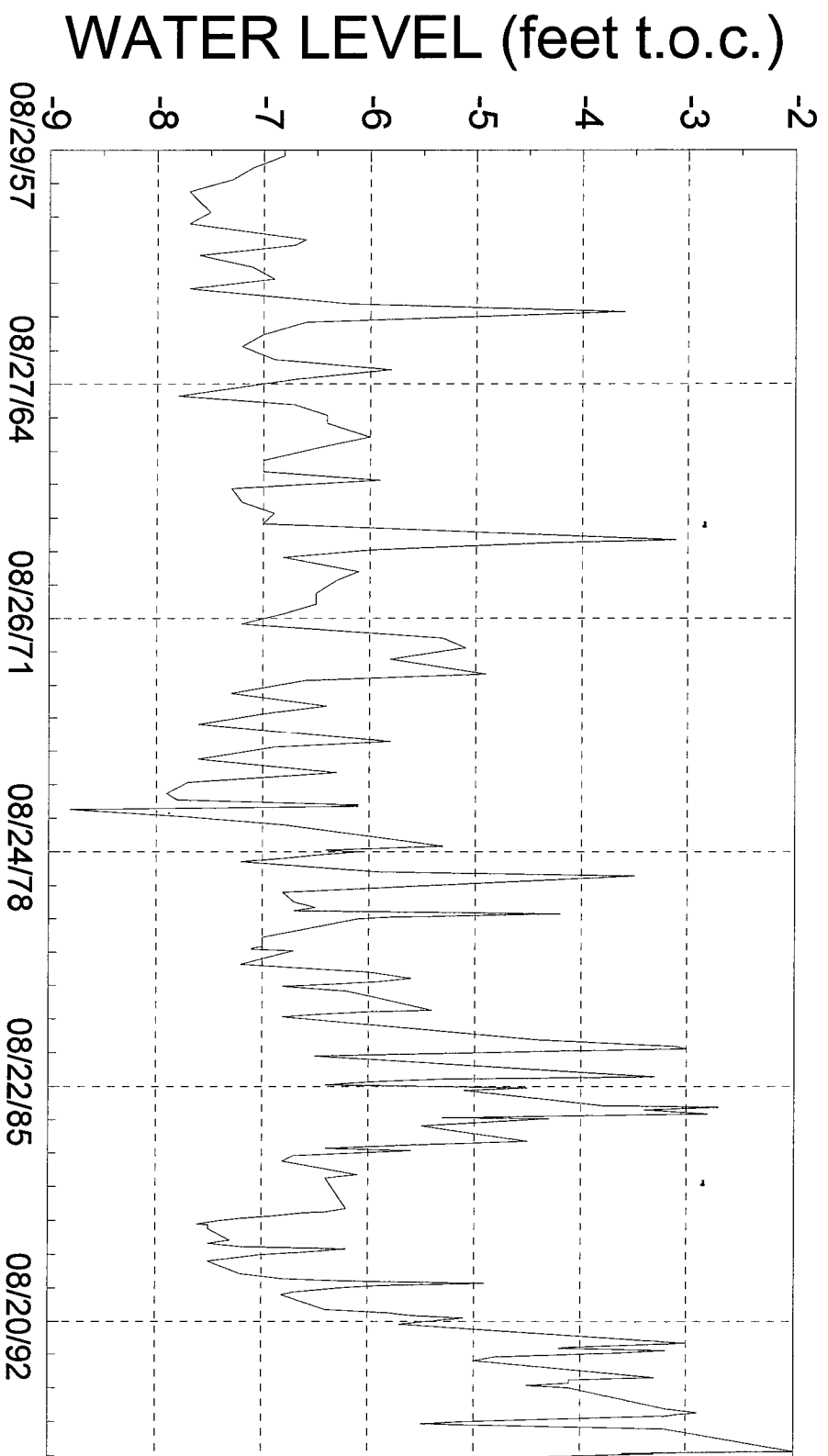
WATER RIGHTS OBSERVATION WELL

HN-77B



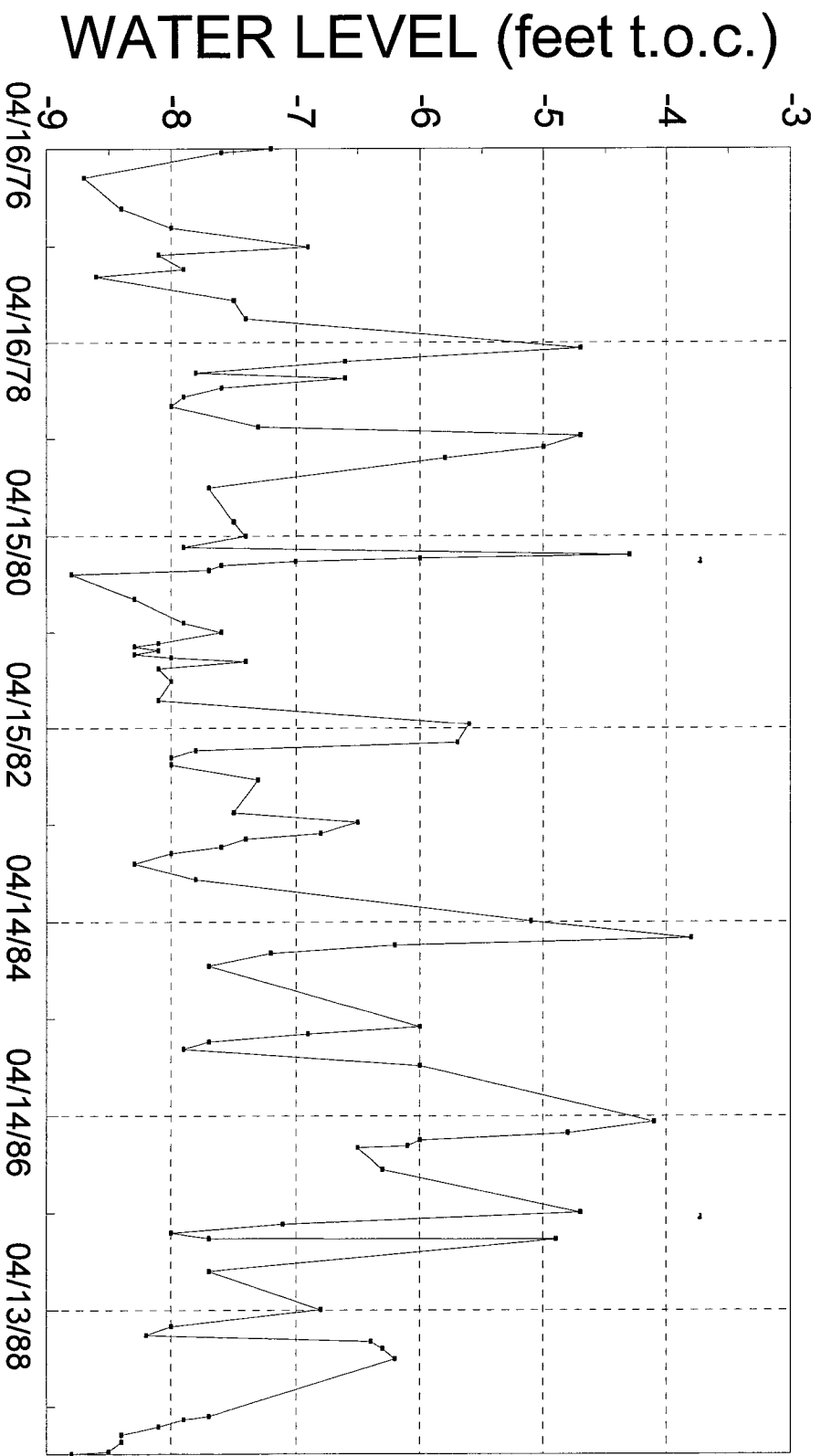
WATER RIGHTS OBSERVATION WELL

HN-57A



WATER RIGHTS OBSERVATION WELL

HN-76B



RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5960-3, Sioux Rural Water System

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. 5960-3, Sioux Rural Water System, c/o Curt Parliament, Chairman, RR 4, Box 162, Watertown, SD 57201.

The Chief Engineer is recommending APPROVAL of Application No. 5960-3 because 1) the proposed diversions 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 qualifications:

1. The wells 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.
2. The wells authorized by Permit No. 5960-3 shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. Permit No. 5960-3 authorizes a total annual diversion of 600 acre-feet of water annually from the Big Sioux:Brookings Aquifer.
4. The Sioux Rural Water System shall report to the Chief Engineer annually the amount of water withdrawn each year from the Big Sioux:Brookings Aquifer.

See report on application for additional information.



JOHN HATCH, Chief Engineer
November 12, 1996



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

November 13, 1996

Watertown Public Opinion
P.O. Box 10
Watertown, SD 57201-0010

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application No. 5960-3 to be published twice. Please publish the first notice on November 20, 1996, 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 Sioux Rural Water System, %Curt Parliament, Chairman, RR 4, Box 162, Watertown, SD 57201 (Ph # (605) 882-1321).

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 application until proof of publication has been received.

Sincerely,

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 _____



**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.**

November 13, 1996

Sioux Rural Water System
%Curt Parliament, Chairman
RR 4, Box 162
Watertown, SD 57201

Dear Mr. Parliament:

Water Permit Application No. 5960-3 for rural water system 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 Publishers of the Hamlin Co. Herald Enterprise printed at Hayti, SD (Ph # (605) 783-3636), the Watertown Public Opinion printed at Watertown, SD (Ph # (605) 886-6901), Clear Lake Courier printed at Clear Lake, SD (Ph # (605) 874-2499), and the Clark Co. Courier printed at Clark, SD (Ph # (605) 532-3654). For your information, copies of the notices, the recommendation of the Chief Engineer and a report on the application are enclosed. Please review the notices prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspapers to authorize publication of your Notice of Hearing and to arrange for payment. Early contact with the papers can eliminate delays. The publishers have been instructed to publish your notices once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. The newspapers have been instructed to send us the Proof of Publications. 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 notices of hearing. The Water Management Board will then consider your concerns during a hearing on the application.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

November 13, 1996

Hamlin Co. Herald Enterprise
Box 207
Hayti, SD 57241-0207

ATTENTION: Legal Department

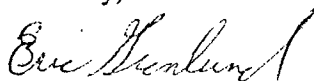
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The APPLICANT MUST VERIFY TO YOU THAT THE NOTICE IS TO BE PUBLISHED, before you make the first publication. Please BILL the APPLICANT for the cost of publication. The APPLICANT is Sioux Rural Water System, %Curt Parliament, Chairman, RR 4, Box 162, Watertown, SD 57201 (Ph # (605) 882-1321).

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 application until proof of publication has been received.

Sincerely,


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



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

November 13, 1996

Clear Lake Courier
Box 830
Clear Lake, SD 57226-0830

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application No. 5960-3 to be published twice. Please publish the first notice on November 21, 1996, 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 Sioux Rural Water System, %Curt Parliament, Chairman, RR 4, Box 162, Watertown, SD 57201 (Ph # (605) 874-2499).

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enclosures

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Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

November 13, 1996

Clark Co. Courier
117 1st St. West
Clark, SD 57225

ATTENTION: Legal Department

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enclosures

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Pierre SD 57501-3181

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Name

Newspaper

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NOTICE OF APPLICATION NO. 5960-3 to Appropriate Water

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

PROOF OF PUBLICATION



STATE OF SOUTH DAKOTA)
 County of Deuel) SS

I, Gary DeJong

certify that the attached printed Notice was

taken from the Clear Lake Courier

printed and published in Clear Lake

County of Deuel and State of

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

Wednesday, November 20, 1996

Wednesday, November 27, 1996

Cost of Printing: \$44.00

Gary DeJong
 (Signature)

Publisher
 (Title)

11/29/96
 (Date Signed)

NOTICE OF APPLICATION NO. 5960-3 TO APPROPRIATE WATER

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

Nov. 20 & 27

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County of Clark) SS

I, David Moritz

certify that the attached printed Notice was

taken from the Clark County Courier

printed and published in Clark

County of Clark and State of

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

11-20-96

11-27-96

Cost of Printing: \$35.78

70 lines 2 times

[Signature]
(Signature)

[Signature]
(Title)

11-2-96
(Date Signed)



NOTICE OF APPLICATION

NO. 5960-3 to Appropriate Water
Notice is given that the Sioux Rural Water System, %Curt Parliament, Chairman, RR 4 Box 162, Watertown, SD 57201 has filed an application for a water permit to construct and place to beneficial use 1.33 cubic feet of water per second (600 acre feet annually) from four wells (Big Sioux-Brookings Aquifer) located in the SE 1/4 SW 1/4 Section 34, T115N, R52W. This water is appropriated and reserved by Future Use Permit No. 5094-3 which was approved Sept. 3, 1986. Currently, the permit has 990 acre feet of water remaining in reserve for rural water system use.

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

11-20-2t-

Jan M. Funes My commission expires
7-15-1999

Affidavit of Publication

State of South Dakota

§

County of Clark

NOTICE OF APPLICATION

NO. 5960-3 to Appropriate Water

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

11-20-2t

David Moritz of said county, being first duly sworn, on oath says that he is the publisher of the **Clark County Courier**, a weekly newspaper printed and published in Clark in said County of Clark and has a full and personal knowledge of all the facts therein stated; that said newspaper is a legal newspaper and has a bona-fide circulation of a least two hundred copies weekly, and has been published within said County for fifty-two successive weeks next prior to the publication of the notice herein mentioned, and was and is printed wholly or in part in an office maintained at said place of publication; that the

**Dept. of Environment & Natural Resources
Waste Management Program
Notice Of Application
No. 5960-3 to Appropriate Water**

a printed copy of which, taken from the paper in which same was published, is attached to this sheet, and is made a part of this Affidavit, was published in said newspaper at least once in each week for

Two(2)

successive weeks, on the day of each week on which said newspaper was regularly published, to-wit:

November 20, 1996

November 27, 1996

that the full amount of the fees for the publication of the annexed notice is

\$35.78



Subscribed and sworn to before me this

2nd Day of December, 1996

Notary Public
Clark County, South Dakota

My commission expires
7-15-1999

Affidavit of Publication

STATE OF SOUTH DAKOTA, County of Hamlin, ss

LeeAnne Archer of said County and State being first duly sworn, on his oath says: That The Hamlin County Herald Enterprise is a weekly newspaper of general circulation, printed and published in Hayti in said County and State by LeeAnne Archer, that the said newspaper is a legal newspaper and has a bona-fide circulation of at least two hundred copies weekly, and has been published within said County for fifty-two successive weeks prior to the publication of the notice herein mentioned, and was and is printed wholly or in part in an office maintained at said place of publication; and has been such newspaper during the time hereinafter mentioned; and that I, LeeAnne Archer, the undersigned, am publisher of said newspaper, in charge of the advertising department thereof and have personal knowledge of all facts stated in this affidavit; and that the advertisement headed:

Notice of Application

a printed copy of which is hereto attached, was printed and published in the regular and entire issue of said newspaper and not in supplement, once each week for 2 successive weeks, the first publication made on the 20 day of Nov, 1996, and the last publication on the 27 day of Nov, 1996.

The 1st publication made on the 20 day of Nov, 1996
The 2nd publication made on the 27 day of Nov, 1996
The 3rd publication made on the _____ day of _____, 19____
The 4th publication made on the _____ day of _____, 19____
The 5th publication made on the _____ day of _____, 19____
The 6th publication made on the _____ day of _____, 19____
The 7th publication made on the _____ day of _____, 19____
The 8th publication made on the _____ day of _____, 19____
The 9th publication made on the _____ day of _____, 19____
The 10th publication made on the _____ day of _____, 19____

That the full amount of the fees for publication of the annexed notice is \$ 40.37 and insures solely to the benefit of said publisher; that no agreement or understanding for a division thereof has been made with any other person and that no part thereof has been agreed to be paid to any person whomsoever.

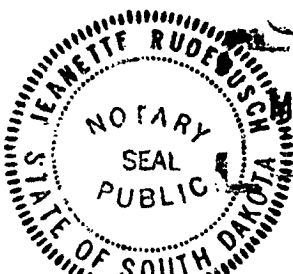
LeeAnne Archer

Subscribed and sworn to before me this 19th day of Dec, 1996

Jeanette Rudebusch

Notary Public

My commission expires _____



MY COMMISSION EXPIRES JAN. 9, 1999

NOTICE OF APPLICATION NO. 5960-3 TO APPROPRIATE WATER

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Currently, the permit has 990 acre feet of water remaining in reserve for rural water system use.

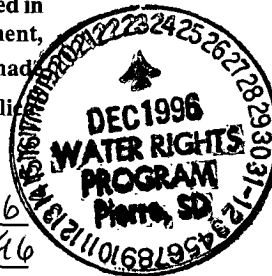
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Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Nettie H. Myers, Secretary, Department of Environment and Natural Resources. (published nov. 20 and 27, 1996)



DEC 9, 1999

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
 County of Codington) SS

I, Monica K. Saathoff

certify that the attached printed Notice was

taken from the _____

Watertown Public Opinion

printed and published in Watertown

County of Codington and State of

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

November 20th, 1996

November 27th, 1996

Cost of Printing: \$74.72

Monica K. Saathoff
 (Signature)

Bookkeeper

(Title)

November 27th, 1996

(Date Signed)



APPLICATION

NOTICE OF APPLICATION NO.

5960-3 to Appropriate Water
 Notice is given that the Sioux Rural Water System, c/o Curt Parliament, Chairman, RR 4, Box 162, Watertown, SD 57201 has filed an application for a water permit to construct and place to beneficial use 1.33 cubic feet of water per second (600 acre feet annually) from four wells (Big Sioux-Brookings Aquifer) located in the SE 1/4 SW 1/4 Section 34, T115N, R52W. This water is appropriated and reserved by Future Use Permit No. 5094-3 which was approved September 3, 1986. Currently, the permit has 990 acre feet of water remaining in reserve for rural water system use.

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(November 20, 27, 1996)

7740482X2 = 7472



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

JAN 7 1997

Sioux Rural Water System, Inc.
%Curt Parliament, Chairman
RR 4, Box 162
Watertown, SD 57201

Dear Mr. Parliament:

Enclosed is Water Permit No. 5960-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Also enclosed is Form 10, Notice of Completion of Works and Application of Water to Beneficial Use, which you are to complete and submit to the Chief Engineer when you have completed the system and/or have put the water to beneficial use. An inspection can then be scheduled so that the Water License may be issued, thus completing your acquisition of a Water Right.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Program
605 773-3352

enclosures

PLEASE NOTE: Certain changes may be made to your water permit usually without affecting the priority date. The location of a point of diversion may be changed or additional points of diversion may be approved if the water source remains unchanged; no additional water is appropriated; and, if irrigating, no additional land is irrigated. The change may be allowed without application or publication, if the Water Rights Program is contacted and the chief engineer makes a finding that the change does not increase the potential for interference with existing diversions.

A new water permit application is required to change water sources, increase the permitted diversion rate, or increase the irrigated acreage. If the application is approved, the water permit will receive a new priority date.



SIoux RURAL WATER SYSTEM, INC.

phone (605) 882-1321
fax (605) 882-4990

45703 176th ST. WATERTOWN, SOUTH DAKOTA 57201-7186



CHAIRMAN
Curt Parliament

January 27, 1998

VICE-CHAIRMAN
Harvey Goens

TREASURER
Lee Bleeker

SECRETARY
Melvin Ries

DIRECTORS
Mitch Pratt

Rodney Klatt

Scott Smith

Jim Thyen

Greg Wellhouse

MANAGER
Douglas Anderson

Ron Duvall
Department of Environment and Natural Resources
523 East Capitol
Pierre, South Dakota 57501

Dear Ron:

This letter is in response to your letter dated January 5, 1998 with the information you have requested.

In the year 1997 Sioux Rural Water System pumped 310,000,000 gallons from Water Rights Permit # 5960-3 located in the Big Sioux - Brookings Aquifer.

There are two other sources that may use future water from our organization one being the City of Castlewood that is on Standby. Last year they used our water for over two months due to equipment failure and have been approached by us to go on full time. Their usage was just over 2,000,000 gallons a month this would increase our pumpage by 24,000,000 gallons.

The second area is that we will be approaching the City of Estelline to see if they would be interested in obtaining water from us this would also increase our pumpage.

The last thing that I would like to address is that we usually add 30 new users a year and these needs to be taken into consideration.

Sincerely,

Douglas Anderson
Manager, Sioux Rural Water System, Inc.

951.41
Jm



5960-3
RECEIVED

NOV 02 2018

WATER RIGHTS
PROGRAM

PHONE (605) 882-1321

FAX (605) 882-4990

45703 176th Street
Watertown, SD 57201-7186

October 30, 2018

Attn: Ron Duvall
PMB 2020
DENR – Water Rights Program
523 E Capitol Ave
Pierre, SD 57501-3182

Dear Ron,

Sioux Rural Water System Inc. staff noted water spraying out of the air vent on Well S2 August 27, 2018. Thein Well was contacted and upon their arrival it was noted that Well S2 drop pipe had sand in the pit-less adaptor. The drop pipe was also not able to be reinstalled into the well casing due to an obstruction.

Thein Well brought in a camera to inspect well casing. At this time attempts to remove sand from casing were made but unsuccessful. After camera inspection the determination was made that the casing pipe for Well S2 had failed, aquifer materials had inundated the casing and repair would not be possible.

Sioux Rural Water System opted to drill a replacement well 25 feet west of the existing failed well to utilize existing well field infrastructure. Please see map included with letter. Ron thanks for discussing this issue this morning. I hope this letter and map outline what is required. Please feel free to contact me if anything else is required or needed.

Respectfully

Heath Thompson
General Manager

Sioux Rural Water System, Inc. is an equal opportunity provider and employer.

If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form, found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.

Untitled Map

Legend

Well S1

Well S3

Well S2 new

Well S2 Collapsed

Well S4

Google Earth

© 2018 Google



400 ft