

WATER PERMIT NO. 6490-3

Name of Applicant: **South Lincoln Rural Water System**

Address: **PO Box 155, Canton SD 57013** Phone: **605 372-4211**

Amount of Water Claimed: **0.45 cfs** Total Acres: **NA**

Source of Water Supply: **groundwater (three existing wells)**

Water to be used for: **rural water system use** County: **Lincoln**

Type of Waste Disposal System:

Location: **4 miles south of Worthing**

PRIORITY Date Received: **3-31-04** Application/License Fee: **\$300**

Corrected Application Received: Period of Annual Use: **January 1 – Decewmber 31**

Remarks: **Increases the diversion rate authorized by Water Right No. 4300-3B**

Diversion Point: **SE ¼ NE ¼ Sec 20; SE ¼ SE ¼ Sec 32; SW ¼ SE ¼ Sec 35; all in T98N-R50W**

Land to be Irrigated: **NA**

Depth of Well: **640, 654 and 535 feet deep**

Well Driller: : **Huron Drilling & LTP Enterprise**

Remarks:

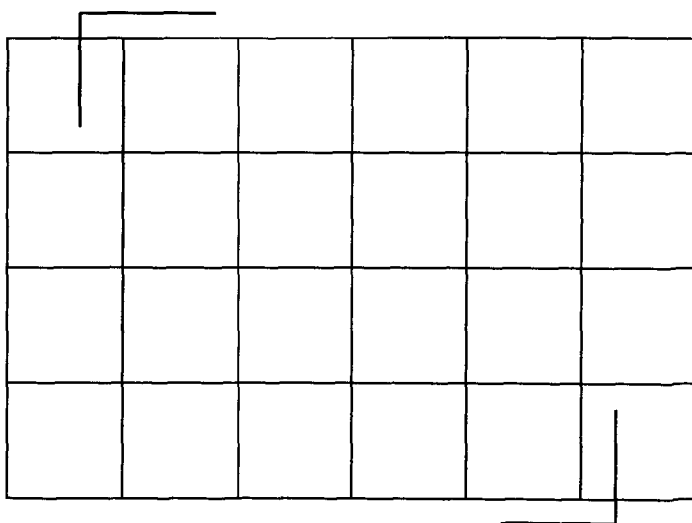
Type of Map: **aerial**

Prepared by: **Lynn Beck**

Reviewed and the Number Assigned on: **3-31-04**

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____



FORM 2: Application for uses other than irrigation
(type or print)

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>6490-3</u>	(office use only) Hydrologic Unit <u>10170102</u>
	Basin <u>Vermillion River</u>	
	Newspaper <u>several</u>	

RECEIVED
MAR 31 2004
WATER RIGHTS
PROGRAM

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.) _____

1. Name of Applicant South Lincoln Rural Water System, Inc. Phone (605) 372-4211
(check one) ☐ Owner ☐ Tenant/lessee
Mailing Address PO Box 155, Canton State SD 57013
(Street, RR, or Box and City) (Zip Code)

2. Amount of water claimed 0.45 *CFS or **GPM ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (**Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply Dakota Sandstone Formation (SE 1/4 NE 1/4)

4. Location of point of diversion (example - 3 wells in SW 1/4 NE 1/4 section 12-T104N-R53W) well #1- 2550' S and 150' W
of the NE cr. Section 20; well #2 - 180' N and 1180' W of the SE cr. Section 32; well #3 - 135' N and
2515' W of the SE cr. Section 35 all in T98N, R50W County Lincoln (SW 1/4 SE 1/4)

5. County or counties where water will be used Lincoln, Turner, Union and Minnehaha

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

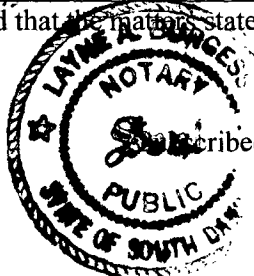
7. Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

This application is for additional 0.45 cfs in diversion from three wells authorized by License No. 4300-3B. The total combined diversion from well #'s 1, 2 and 3 is 1.89 cfs. No increase in the maximum annual withdrawal of 1048 acre-feet.

STATE OF SOUTH DAKOTA) SS
County of Lincoln

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, John Simmons, 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 [Signature]
Subscribed and sworn to before me this 23 day of MARCH 2004

[Signature]
Notary Public signature

SOUTH DAKOTA WATER PERMIT NO. 6490-3

Date of first receipt of application March 31, 2004.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6490-3 to South Lincoln Rural Water System, Inc., PO Box 155, Canton SD 57013 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. 6490-3 appropriates 0.45 cubic feet of water per second (cfs) by increasing the diversion rate authorized by Water Right No. 4300-3B. Water Right No. 4300-3B authorizes 1.44 cfs from three wells (Dakota Formation) 640, 654 and 535 feet deep located in SE ¼ NE ¼ Section 20; SE ¼ SE ¼ Section 32 and SW ¼ SE ¼ Section 35; all in T98N-R50W. This permit increases the total combined diversion rate from the three wells from 1.44 cfs to 1.89 cfs for rural water system use. This permit does not authorize any increase in the maximum annual withdrawal of 1,048 acre-feet.
2. The water appropriated shall be used for the purpose of rural water system 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. 6490-3 is May 17, 2004.
5. The date from which applicant may claim right is March 31, 2004.
6. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

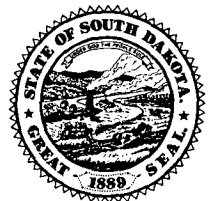
1. The wells approved under South Lincoln Rural Water System's water right/permit may be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. Water Right Nos. 5647-3 and 4300B-3 and Water Permit No. 6490-3, combined, authorize a total annual diversion of 1,048 acre feet of water. This has not changed.
3. South Lincoln Rural Water System shall report to the Chief Engineer annually the amount of water withdrawn from the Dakota Formation.

WATER MANAGEMENT BOARD

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

NOV 30 2004

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

March 22, 2004

John Sievers
South Lincoln Rural Water System, Inc
PO Box 155
Canton SD 57013

Dear Mr. Sievers:

Enclosed is a partially completed application form and instruction sheet. You will not have to provide a map as stated in item 2.) on the instruction sheet. I have already prepared one. The enclosed copy is yours to keep or to make any correction/additions and return with the application.

An inspection of South Lincoln Rural Water System's water rights found additional water use to what is authorized. License No. 4300-3B authorizes 1.44 cubic feet per second (cfs) of water from well #1, well #2 and well #3. The maximum pump rate of the wells was found to be 1.89 cfs. The additional water use requires a new application.

This application is for an additional 0.45 cfs from the three existing diversion points authorized by License No. 4300-3B. A \$250.00 fee is required for the application/licensing of the additional 0.45 cfs. In addition a \$50.00 licensing fee is required for licensing Permit No. 4300-3C. Permit No 4300-3C authorizes the addition of the City of Alcester to the rural water system. Upon approval of the application and receipt of fees the Water Rights Nos. 4300-3B and 4300-3C can be licensed together.

If you have any questions, please feel free to contact me a (605) 773-3352.

Sincerely,

Lynn Beck
Natural Resources Engineer Specialist

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date March 31, 20 04

RECEIVED OF South Lincoln Rural Water System, PO Box 155, Canton SD 57013

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

Fee for Application for Permit No. <u>16490-3</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. <u>16490-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	300.00

No. 001214

By Darland Elch

Chief Engineer gm



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
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. 6490-3, South Lincoln Rural Water System, Inc.**

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. 6490-3, South Lincoln Rural Water System, Inc., c/o John Sievers, PO Box 155, Canton SD 57013.

The Chief Engineer is recommending APPROVAL of Application No. 6490-3 because 1) the proposed diversion can be developed without unlawful impairment of existing rights, 2) the proposed use is a beneficial use and 3) it is in the public interest with the following qualifications:

2. The wells approved under South Lincoln Rural Water System's water right/permit may 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.
3. Water Right Nos. 5647-3 and 4300B-3 and Water Permit No. 6490-3, combined, authorize a total annual diversion of 1,048 acre feet of water. This has not changed.
4. South Lincoln Rural Water System shall report to the Chief Engineer annually the amount of water withdrawn from the Dakota Formation.

See report on application for additional information.

Garland Erbele, Chief Engineer
April 21, 2004

REPORT ON WATER PERMIT APPLICATION NO. 6490-3
For South Lincoln Rural Water System
April 15, 2004

Application No. 6490-3 proposes to appropriate 0.45 cfs (202 gpm) by increasing the diversion rate authorized by Water Right No. 4300-3B. Water Right No. 4300-3B authorizes 1.44 cfs from three wells approximately 640, 654 and 535 feet deep located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of section 20; SE $\frac{1}{4}$ SE $\frac{1}{4}$ of section 32, and the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of section 35; all in T98N R50W in Lincoln County. This application proposes to increase the total combined diversion rate from the three wells from 1.44 cfs to 1.89 cfs for rural water system use. This application does not authorize any increase in the maximum annual withdrawal of 1,048 acre-feet.

AQUIFER - DAKOTA FORMATION (DKOT)

The Dakota Formation is a buried sand, sandstone, siltstone and shale and is under artesian conditions in this area. The aquifer underlies 484 square miles and contains an estimated 4.3 million acre-feet of recoverable water in storage in Lincoln County (Hedges, 1982). The general direction of ground water movement is from north to south (Niehus, 1994). The aquifer extends into Iowa to the east, Union County to the south, and Clay and Turner Counties to the west.

This request affects only the original South Lincoln wells #1, #2 and #3. The increased rate can be spread among all the wells but appears to be mostly added to the replacement well for #2.

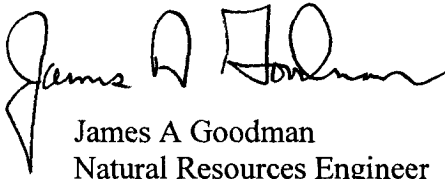
The Water Rights Program monitors nine observation wells completed into the Dakota Formation and located within two miles of the three wells. Hydrographs for observation wells LN-77A (north of well field), LN-77B (middle of well field), LN-79G (south of well field), and LN-79AR (located west of well field) are included with this report. In general, all the water levels for the observation wells behave similarly. The water levels have declined since development of the rural water system and some of the other users of Dakota Formation water (Water Rights, 2004). From the hydrographs, it can be seen how development of the aquifer has progressed. An initial period of pumping created the first decline in the early 1980's followed by a relatively stable time period when use remained relatively stable, followed by another declining period in the late 1980's that coincided with increased water use by the rural water system and the development of the city of Lennox.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

These are existing water rights and have been in use for many years. Aside from the original conflict when the rural water system was developed nothing much has happened in this area since. This small increase in diversion rate is not expected to change operation of the system or affect the water levels significantly.

CONCLUSIONS

1. Water is available from the Dakota Formation.
2. The aquifer is confined and under artesian conditions at this site. Drawdown already occurs as a result of pumping. This is not expected to alter or change the present conditions significantly. Interference is not a concern.
3. These are existing wells that have been in use for many years. These wells have been constructed in accordance with SD Well Construction Standards. Approving this application will allow licensing of this system to reflect how it is presently configured.



James A Goodman
Natural Resources Engineer

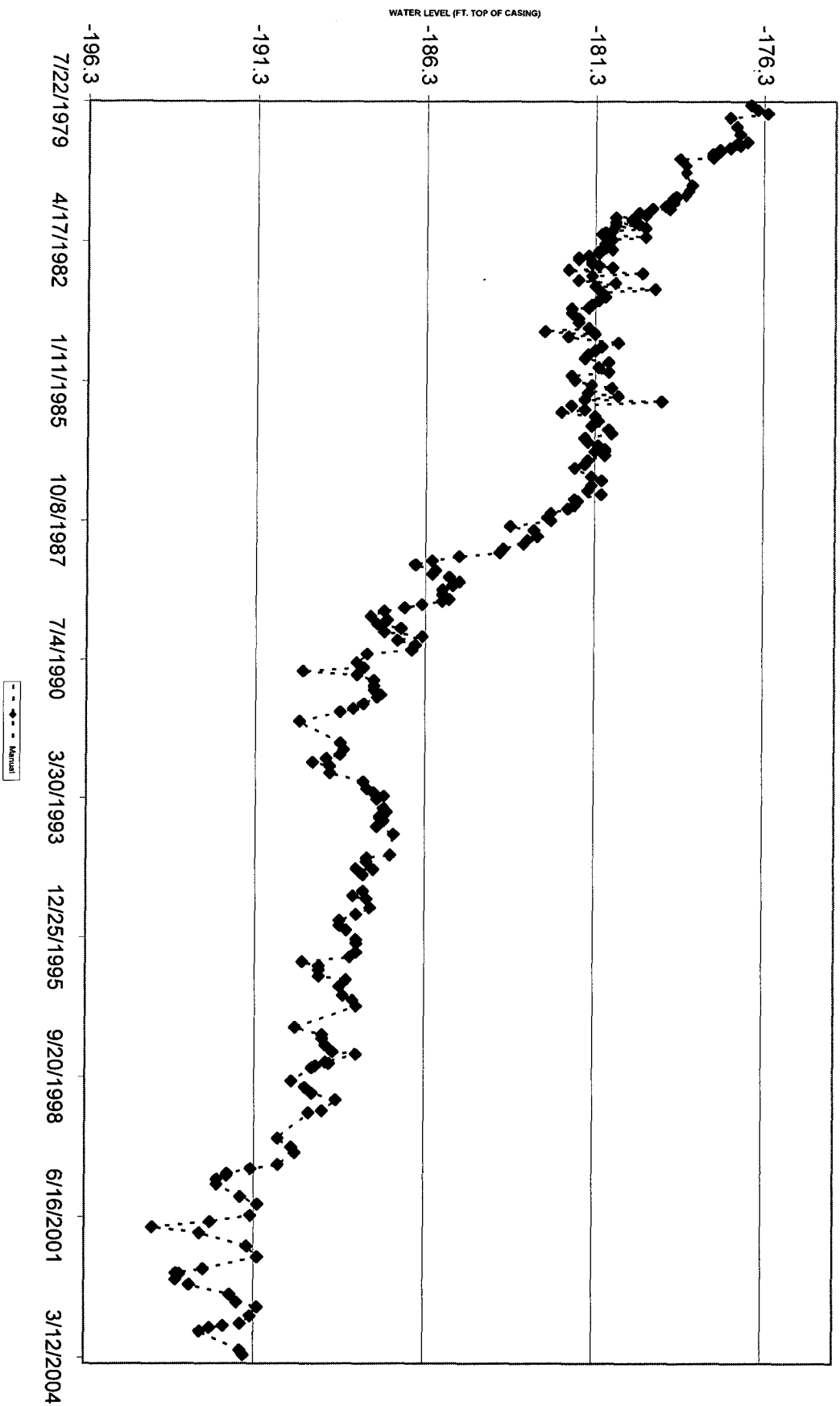
BIBLIOGRAPHY

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

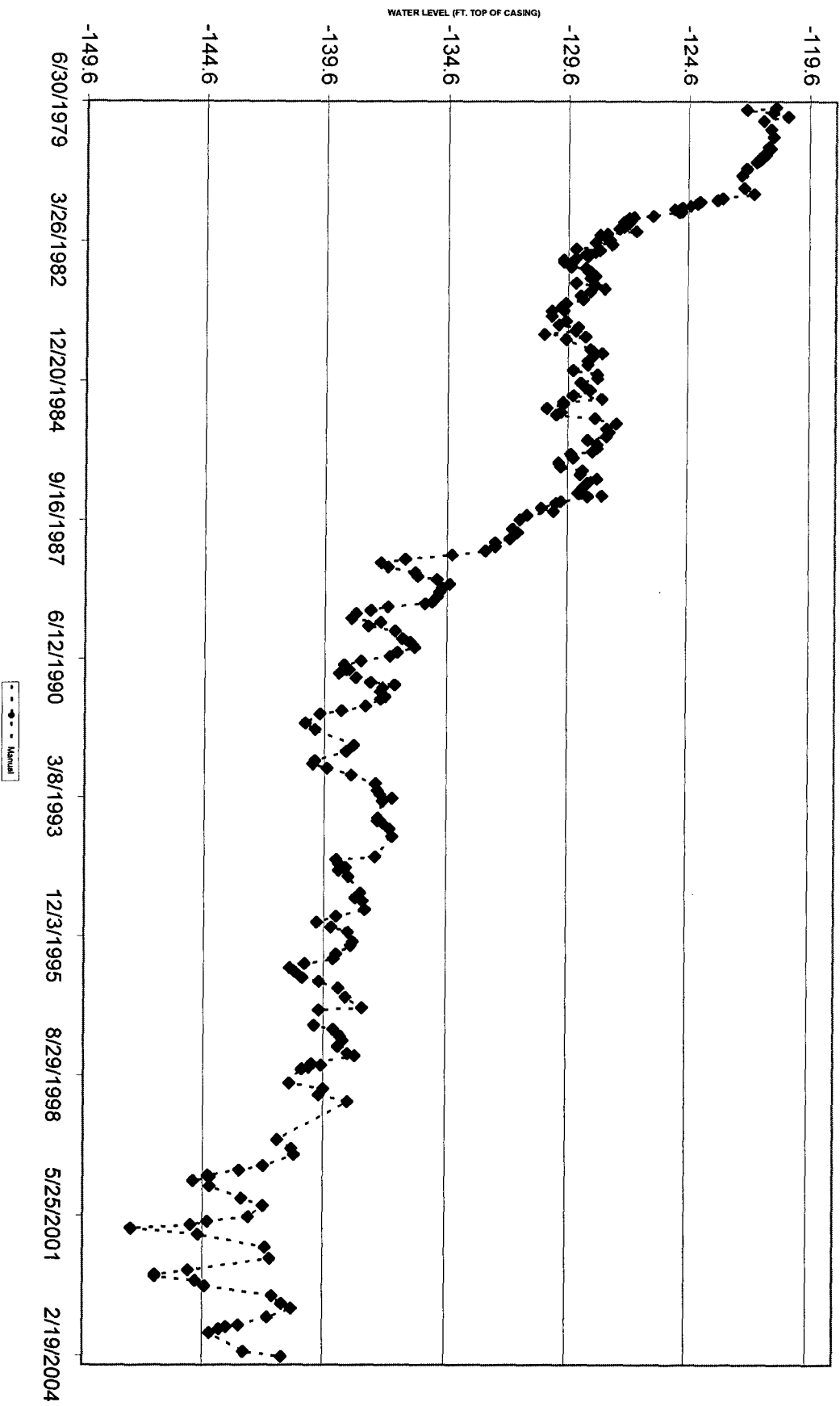
Niehus, C.A., 1994, Water Resources of Lincoln and Union Counties, South Dakota, WRI 93-4195, USGS, Rapid City, SD, 57702.

Water Rights, 2004, Unpublished Observation Well Data for Lincoln County, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

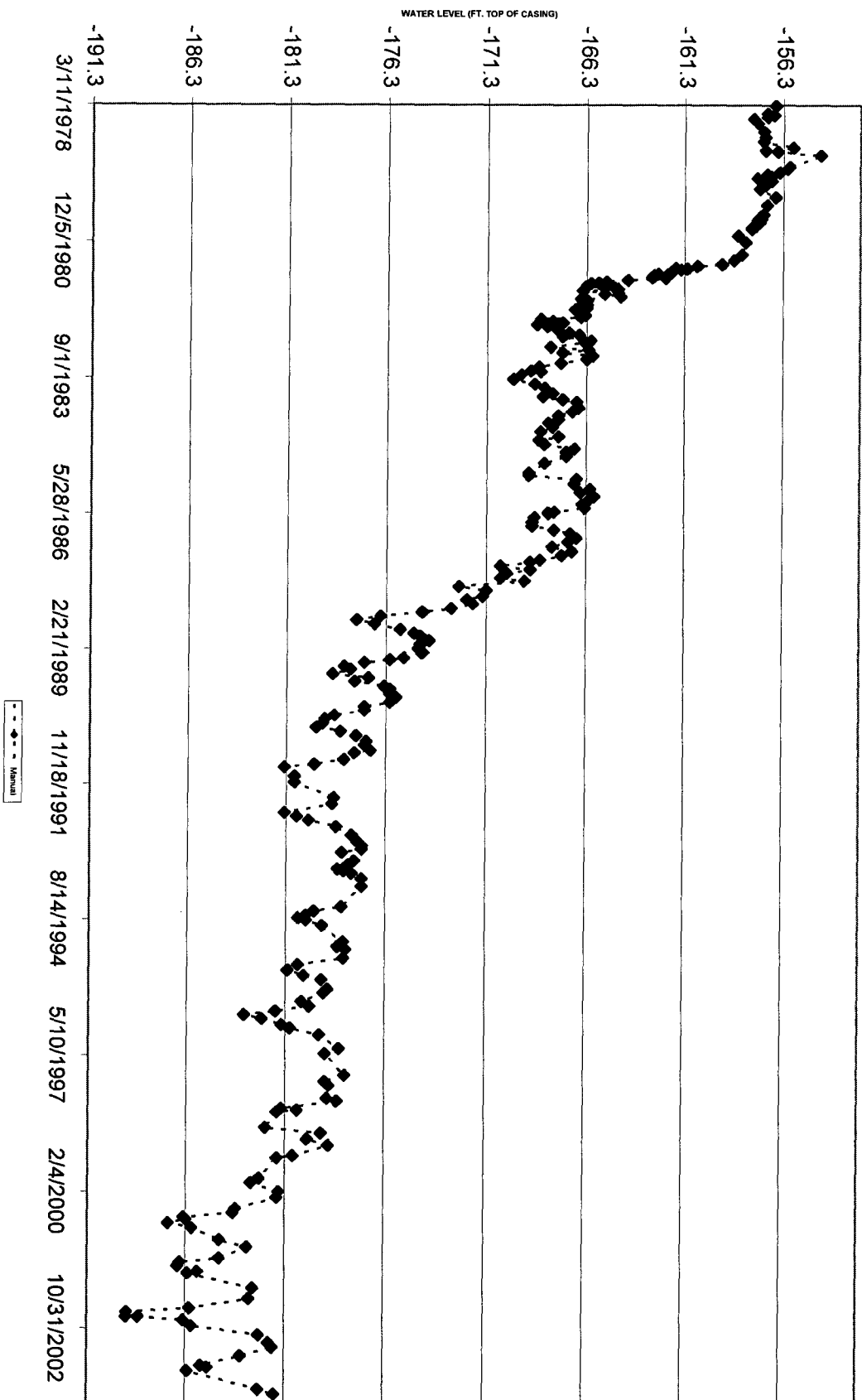
WATER RIGHTS: OBSERVATION WELL
LN-79G



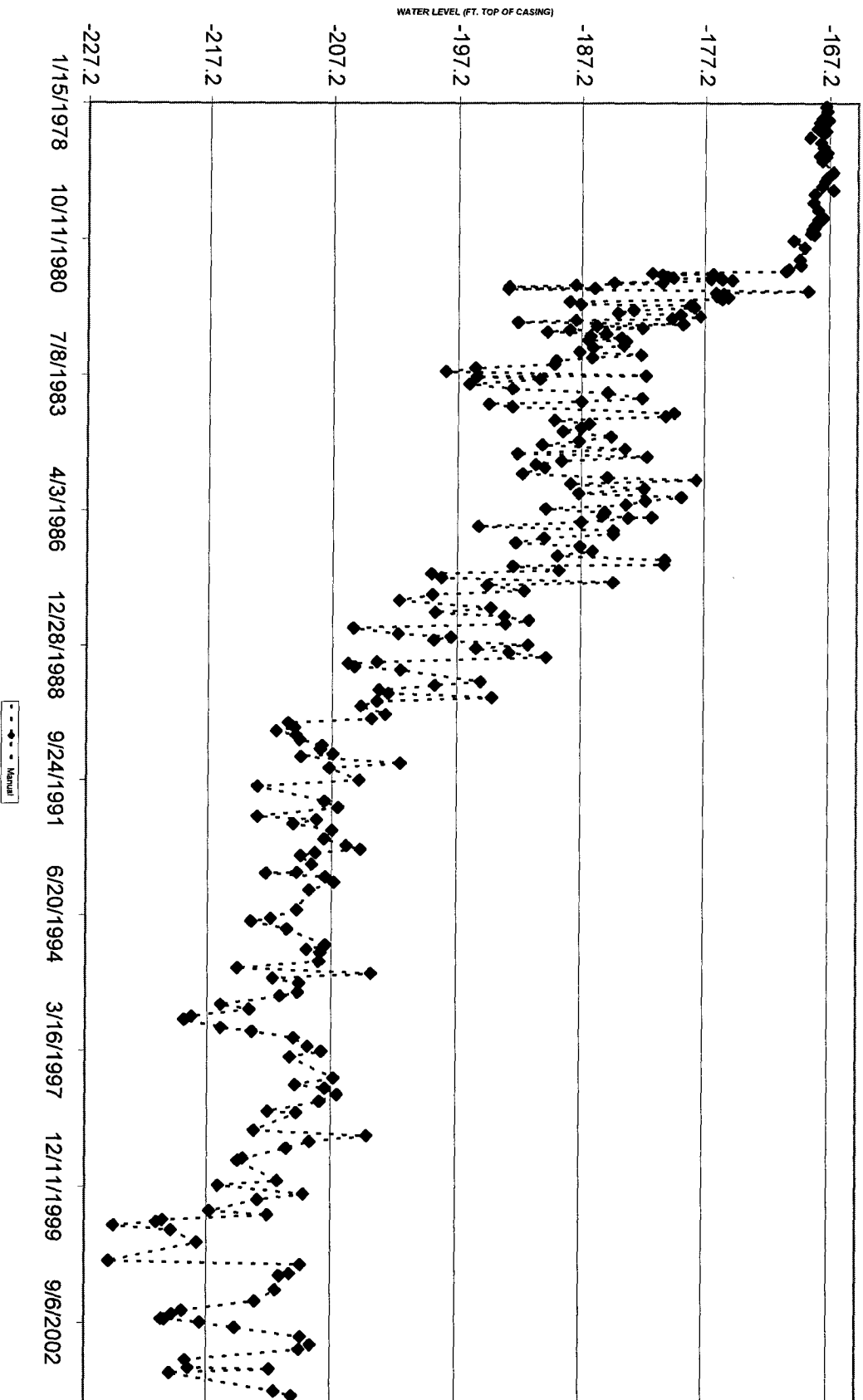
WATER RIGHTS' OBSERVATION WELL
LN-79AR



WATER RIGHTS: OBSERVATION WELL
LN-77B



WATER RIGHTS' OBSERVATION WELL LN-77A





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
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 NEWSPAPERS RIGHT AWAY.**

April 22, 2004

South Lincoln Rural Water System Inc
% John Sievers
PO Box 155
Canton SD 57013

Dear Mr. Sievers:

Water Permit Application No. 6490-3 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 Publisher of the Sioux Valley News printed at Canton, SD (Ph # 605-764-2000), to the Publisher of the New Era printed at Parker, SD (Ph # 605-297-4419), to the Publisher of the Leader-Courier printed at Elk Point, SD (Ph # 605-356-2632) and the Publisher of the Argus Leader printed at Sioux Falls, SD (Ph # 605-331-2200). You will need to contact the newspapers and authorize publication of this notice. 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 newspapers to authorize publication of your Notice of Hearing and to arrange for payment. Early contact with the papers can eliminate delays. Upon receiving authorization, the publishers have been instructed to publish your notice once each week for two consecutive weeks. The newspapers have also 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.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

April 22, 2004

Leader-Courier
PO Box 310
Elk Point SD 57025-0310

ATTENTION: Legal Public Notice

Enclosed is a Notice of Hearing on Application No. 6490-3 to Appropriate Water to be published twice. Please publish the first notice on April 29, 2004 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

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 South Lincoln Rural Water System Inc., %John Sievers, PO Box 155, Canton SD (Ph # 605-372-4211).

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

CUT HERE

No. 6490-3

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

Date _____

We are in receipt of your letter of April 22, 2004 enclosing Notice of Hearing to Appropriate Water by Application No. 6490-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

April 22, 2004

Argus Leader
PO Box 5034
Sioux Falls SD 57117-5034

ATTENTION: Legal Public Notice

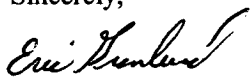
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Natural Resources Engineer
605 773-3352

enclosures

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Water Rights Program
Joe Foss Building
Pierre SD 57501-3181

No. 6490-3

Date _____

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Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

April 22, 2004

The New Era
PO Box 579
Parker SD 57053-0579

ATTENTION: Legal Public Notice

Enclosed is a Notice of Hearing on Application No. 6490-3 to Appropriate Water to be published twice. Please publish the first notice on April 29, 2004 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

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605 773-3352

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

Date _____

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DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

April 22, 2004

Sioux Valley News
PO Box 255
Canton SD 57013-0255

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Natural Resources Engineer
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enclosures

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

No. 6490-3

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

Date _____

We are in receipt of your letter of April 22, 2004 enclosing Notice of Hearing to Appropriate Water by Application No. 6490-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper

May 6, 2004 - New Era

Instruction to Newspaper - Publish first Notice on April 29, 2004 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6490-3 to Appropriate Water

Notice is given that South Lincoln Rural Water System, PO Box 155, Canton SD 57013 has filed an application for a water permit to appropriate 0.45 cubic feet of water per second (cfs) by increasing the diversion rate authorized by Water Right No. 4300-3B. Water Right No. 4300-3B authorizes 1.44 cfs from three wells (Dakota Formation) 640, 654 and 535 feet deep located in SE ¼ NE ¼ Section 20; SE ¼ SE ¼ Section 32 and SW ¼ SE ¼ Section 35; all in T98N-R50W. This application proposes to increase the total combined diversion rate from the three wells from 1.44 cfs to 1.89 cfs for rural water system use. This application does not authorize any increase in the maximum annual withdrawal of 1,048 acre-feet.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6490-3 because 1) existing rights will not be unlawfully impaired, 2) it is a beneficial use of water, and 3) 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 May 17, 2004.

May 24, 2004 - New Era

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.

PROOF OF PUBLICATIONSTATE OF SOUTH DAKOTA)
) SSCounty of Union)I, Susan Odsoncertify that the attached printed Notice was
takenfrom the Leader-Courierprinted and published in Elk PointCounty of Union and

state of South Dakota. The notice was published

in the newspaper on the following two dates:

April 29, 2004May 6, 2004Cost of Printing 42.12Susan Odson

(Signature)

Affidavits Coordinator

(Title)

May 6, 2004

(Date Signed)

**NOTICE OF APPLICATION
NO. 6490-3 TO
APPROPRIATE WATER**

Notice is given that South Lincoln Rural Water System, PO Box 155, Canton SD 57013 has filed an application for a water permit to appropriate 0.45 cubic feet of water per second (cfs) by increasing the diversion rate authorized by Water Right No. 4300-3B. Water Right No. 4300-3B authorizes 1.44 cfs from three wells (Dakota Formation) 640, 654 and 535 feet deep located in SE1/4 NE1/4 Section 20; SE1/4 SE1/4 Section 32 and SW1/4 SE1/4 Section 35; all in T98N-R50W. This application proposes to increase the total combined diversion rate from the three wells from 1.44 cfs to 1.89 cfs for rural water system use. This application does not authorize any increase in the maximum annual withdrawal of 1,048 acre-feet.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6490-3 because 1) existing rights will not be unlawfully impaired, 2) it is a beneficial use of water, and 3) 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 May 17, 2004.

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.
Publish April 29 and May 6, 2004
18-10-75

RECEIVED**MAY 10 2004****WATER RIGHTS
PROGRAM**

AFFIDAVIT OF PUBLICATION-
Customer Number: 078340
Invoice Number: 710831

DEPARTMENT OF ENVIRONMENT & NAT. RES.

Argus Leader
AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA

COUNTY OF MINNEHAHA } ss

Vicki Kiel being duly sworn, says: That The Argus Leader is, and during all the times hereinafter mentioned was, a daily legal newspaper as defined by SDCL 17-2-21, as amended published at Sioux Falls, Minnehaha County, South Dakota; that affiant is and during all of said times, was an employee of the publisher of such newspaper and has personal knowledge of the facts stated in this affidavit; that the notice, order or advertisement, a printed copy of which is hereto attached, was published in said newspaper upon

Thursday, the 29 day of April 2004,

Thursday, the 6 day of May 2004,

_____, the _____ day of _____ 2004,

_____, the _____ day of _____ 2004,

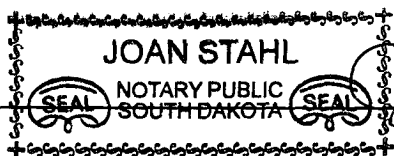
_____, the _____ day of _____ 2004,

_____, the _____ day of _____ 2004,

_____, the _____ day of _____ 2004,

and that \$100.42 was charged for publishing the same including A \$5.00 affidavit fee.

Subscribed and sworn to before 5/6/2004.



Notary Public, South Dakota

My Commission expires June 30th, 2005

RECEIVED

MAY 10 2004

WATER RIGHTS
PROGRAM

State Notices

NOTICE OF APPLICATION
NO. 6490-3 to Appropriate
Water

Notice is given that South Lincoln Rural Water System, PO Box 155, Canton SD 57013 has filed an application for a water permit to appropriate 0.45 cubic feet of water per second (cfs) by increasing the diversion rate authorized by Water Right No. 4300-3B. Water Right No. 4300-3B authorizes 1.44 cfs from three wells (Dakota Foundation) 640, 654 and 535 feet deep located in SE1/4 NE1/4 Section 20; SE1/4 SE1/4 Section 32 and SW1/4 SE1/4 Section 35; all in T98N-R50W. This application proposes to increase the total combined diversion rate from the three wells from 1.44 cfs to 1.89 cfs for rural water system use. This application does not authorize any increase in the

maximum annual withdrawal of 1,048 acre-feet.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6490-3 because 1) existing rights will not be unlawfully impaired, 2) it is a beneficial use of water, and 3) 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.

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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. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.
710831 Apr. 29 & May 6, 2004

Affidavit of Publication

STATE OF SOUTH DAKOTA } :ss
COUNTY OF TURNER

I, **Sarah Ebeling** of the City of Parker, County of Turner, State of South Dakota, State of South Dakota, being first duly sworn on oath, deposes and says:

The New Era is a weekly legal newspaper of general circulation, printed and published in the City of Parker, in said County of Turner, by The New Era, Lyon-Sioux Press, publishers, and has been such legal newspaper during the times hereinafter mentioned; that the said newspaper has been in existence as such legal newspaper for more than one year prior to the publication of the notice hereunto attached, and has during all of said publication of the notice hereunto attached, and has during all of said time had, and now has, more than 200 bona fide subscribers; that the

undersigned, the affiant, is the **Office Manager** of the said newspaper, in charge of the advertisement department thereof and has personal knowledge of all the facts stated in this affidavit and the advertisement headed:

#3432 - notice of application

printed copy of hereto attached, was printed and published in the said

newspaper for two successive weeks, once each week and on the same day of the week, on the following dates, to-wit:

On Thursday, the 6th day of May, 2004;

On Thursday, the 13th day of May, 2004;

On Thursday, the _____ day of _____, 200____;

On Thursday, the _____ day of _____, 200____;

On Thursday, the _____ day of _____, 200____;

That \$ 33.91 being the full amount of the fees for publication of the attached notice insures solely for the benefits of the publishers of the said newspaper; that no arrangement 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 other person whomsoever.

Sarah Ebeling
Subscribed and sworn to before me this 2nd
day of June, 2004.

My Commission Expires:

02/02
2006

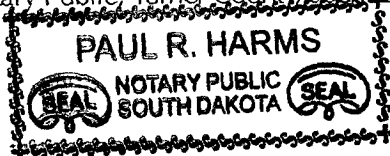
Paul R. Harms

Notary Public, Turner County, South Dakota

RECEIVED

JUN 04 2004

WATER RIGHTS PROGRAM



Notice of Application No. 6490-3

to appropriate water

Notice is given that South Lincoln Rural Water System, PO Box 155, Canton, SD 57013 has filed an application for a water permit to appropriate 0.45 cubic feet of water per second (cfs) by increasing the diversion rate authorized by Water Right No. 4300-3B. Water Right No.4300-3B authorizes 1.44 cfs from three wells (Dakota Formation) 640, 654 and 535 feet deep, located in SE 1/4 NE 1/4 Section 20; SE 1/4 SE 1/4 Section 32 and SW 1/4 SE 1/4 Section 35; all in T98N-R50W. This application proposes to increase the total combined diversion rate from the three wells from 1.44 cfs to 1.89 cfs for rural water system use. This application does not authorize any increase in the maximum annual withdrawal of 1,048 acre-feet.

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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 May 24, 2004.

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.

(# 3432, 5/06/04, 5/13/04, The New Era)

Pul

Nc

(1st

Rec

Era)

Affidavit of Publication

STATE OF SOUTH DAKOTA
COUNTY OF LINCOLN

JULIE GERBER

being first duly sworn on her oath says; that the Sioux Valley News is a legal weekly newspaper of general circulation as required by South Dakota Code of Nineteen Hundred Thirty-Nine, and any acts amendatory thereto, printed and published by the Sioux Valley News, Inc., in Canton, in said county and State, and has been such legal newspaper during the time hereinafter mentioned; that she is and during all of said time was bookkeeper of said newspaper and has personal knowledge of the facts stated in this affidavit; that the advertisement headed:

NOTICE OF APPLICATION NO. 6490-3

a printed copy of which is hereto attached, was printed and published in said newspaper for **TWO** successive weeks upon the following dates, to-wit:

APRIL 29, 2004
MAY 6, 2004

that the full amount of the fees charged for publishing the same to-wit: the sum of **\$39.87** insures solely to the benefit of the publishers of said newspaper; that no agreement or understanding for any division of this sum has been made with any other person; and that no part of said sum has been agreed to be paid to any person whomsoever.

Subscribed and sworn to before me this **6th** day of **MAY, 2004.**


Notary Public, South Dakota

(Seal)

Jeanne M. Limoges
My Commission Expires
November 18, 2009

RECEIVED
MAY 10 2004
WATER RIGHTS
PROGRAM

NOTICE OF APPLICATION NO. 6490-3

To Appropriate Water

Notice is given that South Lincoln Rural Water System, PO Box 155, Canton, SD 57013 has filed an application for a water permit to appropriate 0.45 cubic feet of water per second (cfs) by increasing the diversion rate authorized by Water Right No. 4300-3B. Water Right No. 4300-3B authorizes 1.44 cfs from three wells (Dakota Formation) 640, 654 and 535 feet deep located in SE1/4NE1/4 Section 20; SE1/4SE1/4 Section 32 and SW1/4SE1/4 Section 35; all in T98N-R50W. This application proposes to increase the total combined diversion rate from the three wells from 1.44 cfs to 1.89 cfs for rural water system use. This application does not authorize any increase in the maximum annual withdrawal of 1,048 acre-feet.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6490-3 because 1) existing rights will not be unlawfully impaired, 2) it is a beneficial use of water, and 3) 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.

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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. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.
(4-29, 5-6)

5/17/04

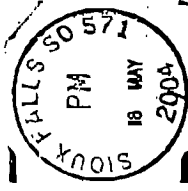
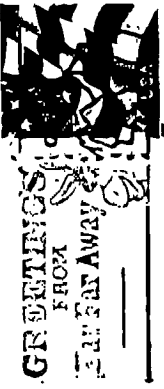
Dear Eric Granlund

I am requesting copies of information pertaining to this application NO. 6490-3 to appropriate water.

Also, a petition contesting and/or supporting Chief Engineer's recommendation.

Two petitions to be supplied. To serve both applicant and Chief Engineer.

Curtis Red Fox



Eric Gronlund
 South Lincoln Rural Water System
 P.O. Box 156
 Canton, SD, 57013

NOTICE: Mailed from a SD CORRECTIONAL FACILITY

Name: Red Fox, 38616
 ID#: 1600N, Drive Ave. P.O. Box 5911
 Address: Sioux Falls, SD, 57117-5911
 City/State/Zip:

57013+0156



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

May 25, 2004

Curtis Red Fox ID#38616
c/o SD Correctional Facility
PO Box 5911
Sioux Falls SD 57117-5911

Dear Mr. Red Fox:

In response to your request for information, please find enclosed a copy of the report and recommendation on Water Permit Application No. 6490-3 filed by South Lincoln Rural Water System. The date to petition to intervene expired May 24, 2004. Since no petitions opposing the application were filed, the water permit will be issued with conditions as set forth in the recommendation.

Sincerely,

Eric Gronlund
Water Rights Program, DENR
523 E. Capitol Avenue
Pierre SD 57501

Enclosure

cc: John Sievers, South Lincoln Rural Water System

Permit No. 4300-3B&C and 6490-3**Big Sioux 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, **October 16, 2003**, made a thorough examination of the water use system constructed by **South Lincoln RWS** of **PO Box 155, Canton SD 57013** holder of Permit No. **4300-3C**, authorizing the addition of the **City of Alcester** to the existing distribution system. License No. **4300-3B** authorizes the diversion of **1.44** cu. ft. per second of water and an annual maximum withdrawal of **1048** acre-feet of volume of the waters of **Dakota Sandstone Formation** for **rural water system** purposes, in **Lincoln, Turner, Union and Minnehaha** Counties. Water Right No. **6490-3** authorizes a combined diversion rate of **1.89** cu. ft. per second of water of the waters of **Dakota Sandstone Formation** for **rural water system** purposes incorporating the applicable portions of License Nos. 4300-3B&C. Water Right No. 6490-3 bears the priority dates of **August 30, 1977**, for **465** acre-feet of annual withdrawal and **September 26, 1985**, for **593** acre-feet of annual withdrawal.

Inspection contact & relationship to permit holder, if applicable: **John Sievers, South Lincoln RWS Manager**

A. Works used to divert the water: authorized by License No. 4300-3B

Well Information: well #1 Well Drilling Firm: <u>Theim Drilling</u> Depth(s) <u>640</u> feet Well log is available <u>yes</u> Comment: <u>completed 2-2-79</u> Casing: Diameter <u>10</u> inches Length <u>437</u> feet Type <u>steel</u> Screen: Type <u>stainless steel</u> Length <u>175</u> feet Static water level <u>149</u> feet Pump: Make <u>Grunfos</u> Model Size <u>6"</u> Capacity <u>350</u> GPM	Well Information: well #2 Well Drilling Firm: <u>LTP Enterprises, Inc.</u> Depth(s) <u>654</u> feet Well log is available <u>yes</u> Comment: <u>completed 9-17-97</u> Casing: Diameter <u>12</u> inches Length <u>429</u> feet Type <u>steel</u> Screen: Type <u>stainless steel</u> Length <u>216</u> feet Static water level <u>186</u> feet Pump: Make <u>Grunfos</u> Model Size <u>6"</u> Capacity <u>450</u> GPM	Well Information: well #3 Well Drilling Firm: <u>Huron Well Drilling, Inc.</u> Depth(s) <u>535</u> feet Well log is available <u>yes</u> Comment: <u>completed 1-19-81</u> Casing: Diameter <u>12</u> inches Length <u>351</u> feet Type <u>steel</u> Screen: Type <u>stainless steel</u> Length <u>142</u> feet Static water level <u>220</u> feet Pump: Make <u>Berkley</u> Model Size Capacity <u>50</u> GPM
---	---	---

Motor: Make <u>Franklin</u> Model No. Horsepower rating <u>50</u> hp	Motor: Make <u>Franklin</u> Model No. Horsepower rating <u>50</u> hp	Motor: Make <u>Hitachi</u> Model No. Horsepower rating <u>15</u> hp
--	--	---

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

- | | | |
|--------------------|-------------------------|------------------------------|
| 1) Type <u>PVC</u> | 2) Size <u>3</u> inches | 3) Length <u>13,325</u> feet |
| 1) Type <u>PVC</u> | 2) Size <u>6</u> inches | 3) Length <u>14,470</u> feet |
| 1) Type <u>PVC</u> | 2) Size <u>8</u> inches | 3) Length <u>7,780</u> feet |

C. Works used to apply water to beneficial use:

Rural water distribution system

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by Y/N

The system is in good condition with the point(s) of diversion located as follows: well #1- 2550' S and 150' W of the NE cr. Section 20 (43.294351, -96.767478); well #2 - 180' N and 1180' W of the SE cr. Section 32 (43.258316, -96.771541); well #3 - 135' N and 2515' W of the SE cr. Section 35 all in T98N, R50W (43.258053, -96.716941). The works are capable of diverting and conveying to the place of use 1.89 cu. ft. per second of water which is to be used for rural water system. Water has been put to beneficial use to the maximum extent as follows:

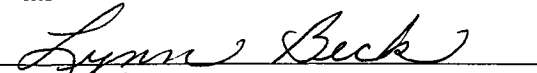
Rural water distribution system

License No. 4300-3B should incorporate Permit No. 4300-3C and be re-issued for 1.89 cfs with a maximum annual withdrawal of 1048 acre-feet.

All structures, wells and lands on map yes

Comments or other permit(s) associated with the project:

4300-3C just adds the City of Alcester to the South Lincoln Rural Water distribution system. 4300-3B authorizes the wells and diversion therefore 4300-3C should be incorporated into LC 4300-3B and the license re-issued. An application for the additional 0.45 cfs needs to be made. No increase in the annual maximum withdrawal of 1048 acre-feet.


Lynn Beck

Natural Resources Engineer Specialist
DENR, Water Rights Program

Date report completed: March 12, 2004



WATER RIGHT NOS. 4300-3C, 5116-3 AND 5647-3 SOUTH LINCOLN RURAL WATER SYSTEM



Lynn Beck
Natural Resources Engineer Specialist
DENR, Water Rights Program
October 24, 2003



STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6490-3

(1) South Lincoln Rural Water System, Inc., PO Box 155, Canton SD 57013 made Application No. 6490-3, March 31, 2004 for a water permit to divert 0.45 cubic feet of water per second (cfs) from groundwater (three existing wells), Lincoln County, South Dakota for rural water system use purposes. Permit No. 6490-3, with a priority date of March 31, 2004 was approved June 7, 2004 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 water completed.

Permit No. 6490-3 increased the diversion rate authorized by Water Right No. 4300-3B and 4300-3C. Water Right No. 4300-3B authorized 1.44 cfs from three wells. No. 4300-3C added the City of Alcester to the water distribution system. The applicable portions of No. 4300-3B and 4300-3C are incorporated into No. 6490-3.

(2) The water supply system has been completed and water applied to beneficial use in accordance with South Dakota State Law. Pursuant to South Dakota Codified Law 46-5-30.1, the holder and owner of Incorporated Water Right No. 6490-3 is issued a license, bearing priority dates of September 26, 1985 (1.44 cfs) and March 31, 2004 (0.45 cfs) to appropriate a total of 1.89 cubic feet of water per second from three wells. A total annual withdrawal is not to exceed 1,048 acre feet of water (August 30, 1977 – 465 acre feet; September 26, 1985 - 593 acre feet).

The diversion points are located: all in T98N-R50W

- Well # 1 – 2,550 feet south and 150 feet west of the northeast corner Section 20 (SE ¼ NE ¼)
- Well # 2 – 180 feet north and 1,180 feet west of the southeast corner Section 32 (SE ¼ SE ¼)
- Well # 3 – 135 feet north and 2,515 feet west of the southeast corner Section 35 (SW ¼ SE ¼)

(3) This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Permit No. 6490-3 including the following now applicable qualifications:

- The wells approved under South Lincoln Rural Water System's water right/permit may 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 Right Nos. 5647-3, 4300B-3 and 6490-3, combined, authorize a total annual diversion of 1,048 acre feet of water.
- South Lincoln Rural Water System shall report to the Chief Engineer annually the amount of water withdrawn from the Dakota Formation.



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

NOV 30 2004

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

NOV 30 2004

6490-3

South Lincoln Rural Water System Inc
% John Sievers
PO Box 155
Canton SD 57013

Dear Mr. Sievers:

Enclosed are Water Permit and Water License No. 6490-3. The Water License is the final water right document completing your process of obtaining a Water Right.

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

Sincerely,

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

NOTE: The applicable portions of No. 4300-3B and 4300-3C are incorporated into Water License No. 6490-3.

enclosures

File Nos. 5216-3, 5217-3, 5218-3, 5219-3, 6499-3,
1262A-3, 1262B-3, 1262C-3, 6743-3, 4401-3,
4982-3, 5647-3, 6490-3, 6311-3, 6300-3,
6435-3, 6456-3, 6727-3

Water Rights Program File Documentation

DATE: 04/02/2008

The table below represents the water use reported from the Dakota Formation from Lincoln County by the major water users (City of Canton, Town of Worthing, Town of Fairview and South Lincoln Rural Water Sytem).

	Canton	Worthing	Fairview	SLRWS
	Acre-feet per year*			
2006	406	110	10	863
2005	403	34	8	769
2004	411	37	5	904
2003	384	48	9.2	725
2002	352	NA	NA	786
2001	331	NA	NA	877
2000	370	NA	NA	843
1999	384	4	9.4	781
1998	395	33	12	693
1997	427	36	9	663
1996	394	34	13	689
1995	397	30	11	707
1994	383	25	13	766
1993	351	24	12	630
1992	345	26	8	680
1991	391	28	10	696
1990	401	26	9	669
1989	402	31	NA	650
1988	388	26	20	660
1987	430	32	14	453
1986	330	25	22	370
1985	334	27	22	370
1984	346	27	24	368
1983	330	27	NA	341

* Numbers shown in black originated from Non Irrigation Questioner Data Base

Numbers in blue originated from 4/2/2008 personal correspondence with John Sievers (SLRWS manager)

Numbers shown in red originated from Jim Goodman's report on Application Nos. 5155-3 and 5156-3 (with permit files)

NA= not available

Ken Buhler
Natural Resources Engineer

6490-3

SOUTH DAKOTA WELL REHABILITATION REPORT

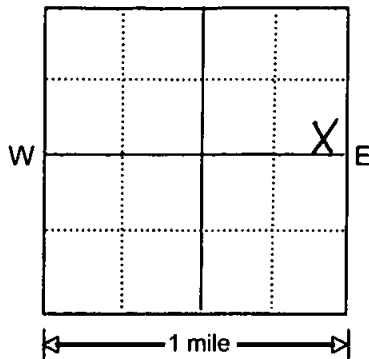
11-02

Location SE 1/4 NE 1/4 Sec 20 Twp 98N Rg 50W

Well owner:

County Lincoln

North

Please mark well
location with an "X"Name South Lincoln Rural WaterAddress 28647 472nd AveCity, State, Zip Beresford SD 57004

Describe original construction if possible.

(Attach original log if available)

Well # 1 1/8/18
4MRehabilitation Completion Date September 5, 2018

PROPOSED USE:

☐ Domestic ☒ Municipal ☐ Stock
☐ Irrigation ☐ Industrial

Description of condition of well before rehabilitation:

Debris build-up at/near 409' with sand/manganese
 Fine sand coming from well
 Multiple holes in well casing

Description of rehabilitation work completed:

Clean out debris and reline well with 8" steel casing to 424'

Recasing information: Material Steel Diameter 8.0 Inches Depth 424.0 FeetDescribe screen or perforations _____ Screen Location From 421 To 520
From _____ To _____Grout: ☒ YES Describe grouting procedure and grout: Tremie/pressure grout neat cement between original 12" and new 8" casing.
☐ NO 7.25 yardsWell Test Data: Specific capacity 6.48 Static water level 174' 3"
If a flowing well _____ GPM Shut in _____ PSIThis well rehabilitation was completed under license # 475 and this report is true and accurate.Drilling firm: Thein Well Co., Inc.

Signature of Licensed Representative: _____

Signature of Well Owner: _____

Date: _____

RECEIVED

OCT 22 2018

WATER RIGHTS
PROGRAM

6778A-3

4817-3
6300-3
6490-3

5647-3
6435-3
6727-3

Dewell, Amanda

From: Gronlund, Eric
Sent: Friday, March 15, 2024 3:45 PM
To: Dewell, Amanda
Subject: South Lincoln RWS

Follow Up Flag: Follow up
Flag Status: Flagged

When you have time:

Change the contact person for South Lincoln RWS's from Tom Rausch to John Stearns. John Stearns became the new manager of SLRWS on Jan. 29th with Mr. Rausch's retirement.