

WATER PERMIT NO. 6286-3

Name of Applicant: Russell Jungemann

Address: 28223 293rd St, Wolsey SD 57384

Phone: 605 883-4639

Amount of Water Claimed: 1.0 cfs (add'l)

Total Acres: 35.1 acres (add'l)

Source of Water Supply: groundwater (existing well)

Water to be used for: irrigation

County: Beadle

Type of Waste Disposal System:

Location: 5 miles northwest of Wolsey

PRIORITY

Date Received: 12-17-01

Fee: \$150

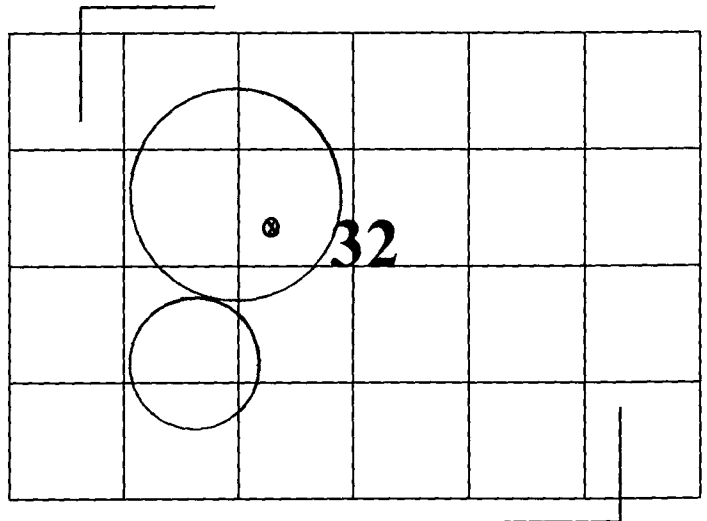
Corrected Application Received::

Period of Annual Use: April 1 – November 1

Remarks: change of acreage and add'l acres to Water Right No. 4755-3

Diversion Point: SE ¼ NW ¼ Sec 32-T112N-R64W

Land to be Irrigated: W ½ Sec 32-T112N-R64W



Depth of Well: 80 feet

Well Driller: : Huron Drilling

Remarks:

Type of Map: aerial

Prepared by: Elmer M Ward, NRCS

Reviewed and the Number Assigned on: 12-17-01

By: Karen Schlaak

Notice of Hearing - date to intervene: _____

**SOUTH DAKOTA
WATER PERMIT NO. 6286-3**

Date of first receipt of application December 17, 2001.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6286-3 to Russell Jungemann, 38223 293rd St, Wolsey SD 57384 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. 6286-3 appropriates an additional 1.0 cubic feet of water per second (cfs) and to irrigate 35.1 additional acres to what is currently authorized by Water Right No. 4755-3. Water Right No. 4755-3 appropriates 1.67 cfs from one well (Warren Wolsey Aquifer) 80 feet deep located in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 32 to irrigate 152 acres located in the W $\frac{1}{2}$ Section 32; all in T112N-R64W. This permit authorizes an additional 1.0 cfs from the existing well and to irrigate 35.1 additional acres located in the W $\frac{1}{2}$ Section 32-T112N-R49W. This permit authorizes a total diversion rate of 2.67 cfs for irrigation of 187.1 acres.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: April 1 – November 1.
3. The date from which applicant may claim right is December 17, 2001.
4. The date of approval of Permit No. 6286-3 is March 18, 2002.
5. One-fifth of the construction is to be completed on or before September 18, 2004.
6. All construction is to be completed on or before March 18, 2007.
7. Water is to be put to beneficial use on or before March 18, 2011.
8. 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 well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

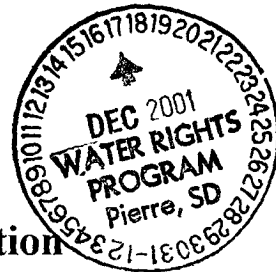
By: Garland Erbele
Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

APR 16 2002

date



Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>6286-3</u>	(office use only) Hydrologic Unit <u>10160006</u>
	Basin <u>James River</u>	
	Newspaper <u>The Plainsman, Huron</u>	



Application For Permit To Appropriate Water For Irrigation

Type of Application: X New Vested Right Amendment/Correction to Permit No.
(Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)
change of acreage and add'l acres to Water Right No. 4755-3

- Name of Applicant Russell Jungemann Phone 605-883-4639
(check one) Owner X Tenant/lessee
Mailing Address 38223 293rd Street Wolsey State SD 57384
(Street, RR, or Box and City) (Zip Code)
35.1 Add'l AC
- Amount of water claimed 1.0 add'l *CFS or 1200 **GPM ***AF Total Acreage 187.1
(*Cubic Feet per Second) (**Gallons per Minute) (***Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply well
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
SE 1/4 NW 1/4 Section 32 T112N, R64W (existing well)
County Beadle
- County or counties where water will be used Beadle
- Annual period during which water is to be used April 1 - November 1
- List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
(Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
<u>SE 1/4 - SW 1/4</u>	<u>4.5</u>	<u>SE 1/4 - NW 1/4</u>	<u>39.0</u>
<u>SW 1/4 - SW 1/4</u>	<u>21.3</u>	<u>SW 1/4 - NW 1/4</u>	<u>39.0</u>
<u>NW 1/4 - SW 1/4</u>	<u>33.0</u>	<u>NW 1/4 - NW 1/4</u>	<u>20.3</u>
<u>NE 1/4 - SW 1/4</u>	<u>14.5</u>	<u>NE 1/4 - NW 1/4</u>	<u>15.5</u>

- Give a description of the project. (Attach sheet if more space is needed)
Plan to reconfigure irrigation system authorized under Water Right No. 4755-3. This will include change of acreage and additional acreage irrigated as represented in Item No. 7 of this application.

STATE OF SOUTH DAKOTA) SS
County of Beadle

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, Russell Jungemann, 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 Russell Jungemann

Subscribed and sworn to before me this 6th day of December 2001

Randy Richards
Notary Public signature

PAGE NO.

John Guilford
FOREMAN

Wm. D. D.

(2) 28.0 (3) 31.6

NHEL
① 59.9

112-64

T-9786

G11

T-2781

NW
NHEL
② 55.0

NW
NHEL
③ 1.3

NW
NHEL
④ 1.0

NW
NHEL
⑤ 6.6

32

NHEL
④ 153.0

NW
NHEL
⑥ 1.0

NW
NHEL
⑦ 1.0

NHEL
① 147.5

NHEL
⑧ 118.2

112-64

NW
HEL
⑤ 118.3

NW
NHEL
⑥ 13.7

*Oliver M Ward
NRC S - Huron F.O.
District Conservationist*

6286-3

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

417026

Pierre, December 17, 2001

RECEIVED OF Lazy J Dairy, 38223 - 203rd St., Wolsey, SD 57384

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

Fee for Application for Permit No. 6286-3 to Appropriate Water, to construct
and to put water to beneficial use _____

150 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. 6286-3 _____

50 00

Fee for Filing Transfer Form _____

Fee for Filing Extension Request _____

Fee for _____

(Any Other Work Provided by Law)

Total

200 00

By Darland Erbe
Chief Engineer

gm

REPORT ON WATER PERMIT APPLICATION NO. 6286-3

For Russell Jungemann

January 11, 2002

Application No. 6286-3 proposes to appropriate an additional 1.0 cfs and to irrigate 35.1 additional acres to what is currently authorized by Water Right No. 4755-3. Water Right No. 4755-3 appropriates 1.67 cfs from one well approximately 80 feet deep located in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of section 32 to irrigate 152 acres located in the W $\frac{1}{2}$ of section 32; all in T112N R64W. This application proposes to appropriate an additional 1.0 cfs from the existing well and to irrigate 35.1 additional acres located in the W $\frac{1}{2}$ of section 32, T112N R64W in Beadle County. This application if approved will authorize a total diversion rate of 2.67 cfs for irrigation of 187.1 acres.

AQUIFER – WARREN WOLSEY (W-W)

The Warren Wolsey is a buried outwash (sand and gravel) which is under predominantly artesian conditions in Beadle County, however, at this site the aquifer appears to be under water table conditions. The aquifer underlies 21,000 acres and contains an estimated 80,000 acre-feet of recoverable water in storage in Beadle County (Hedges, 1982). The aquifer extends into Hand County to the west and to the east where the aquifer is hydraulically connected to the much larger Warren West James aquifer. The general direction of ground water movement is from west to east and toward the James River (Emmons, 1988).

The test well log filed with the application indicates, sand and gravel from a depth of about 20 feet to a total depth of 80 feet. No water level or pumping data is available for this well. No information is available to determine if this well is constructed in accordance with SD Well Construction Standards.

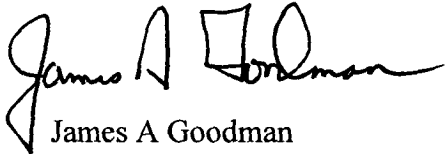
The Water Rights Program monitors two observation wells completed into the Warren Wolsey aquifer and located within four miles of the application. These are observation wells BD-76D and BD-80E. Water levels for these observation wells indicate good correlation with climatic conditions; that is, rising water levels during wet years (recharge) and gradually declining water levels during dry years. In general, the water level record indicates that the aquifer is capable of sustaining additional withdrawals (Water Rights, 2002). Hydrographs for these two observation wells are included with this report.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

This is an existing water right that has been in use for many years with no apparent problems. The nearest existing irrigation permit/right is located between two and three miles east of this application. Interference is not a concern.

CONCLUSIONS

1. Water is available from the Warren Wolsey aquifer.
2. The aquifer behaves as if it is under water table conditions in this area. The water level record (hydrographs) from the observation wells indicate that existing irrigation pumping does not cause significant fluctuation. Interference is not a concern. These are existing wells and have been in use for many years with no problems.
3. There is insufficient information available to determine if this well is constructed in accordance with SD Well Construction Standards.

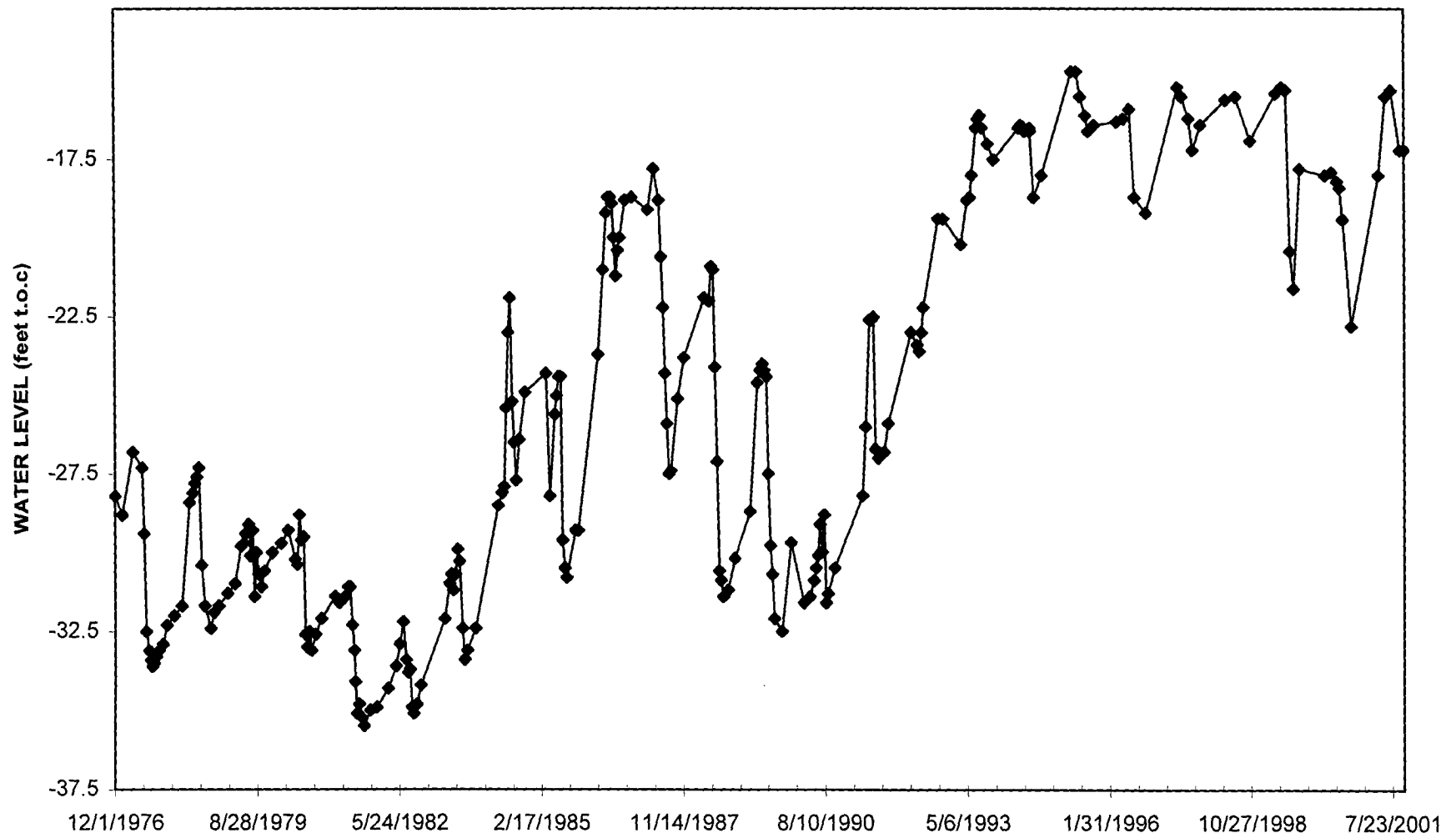


James A Goodman
Natural Resources Engineer

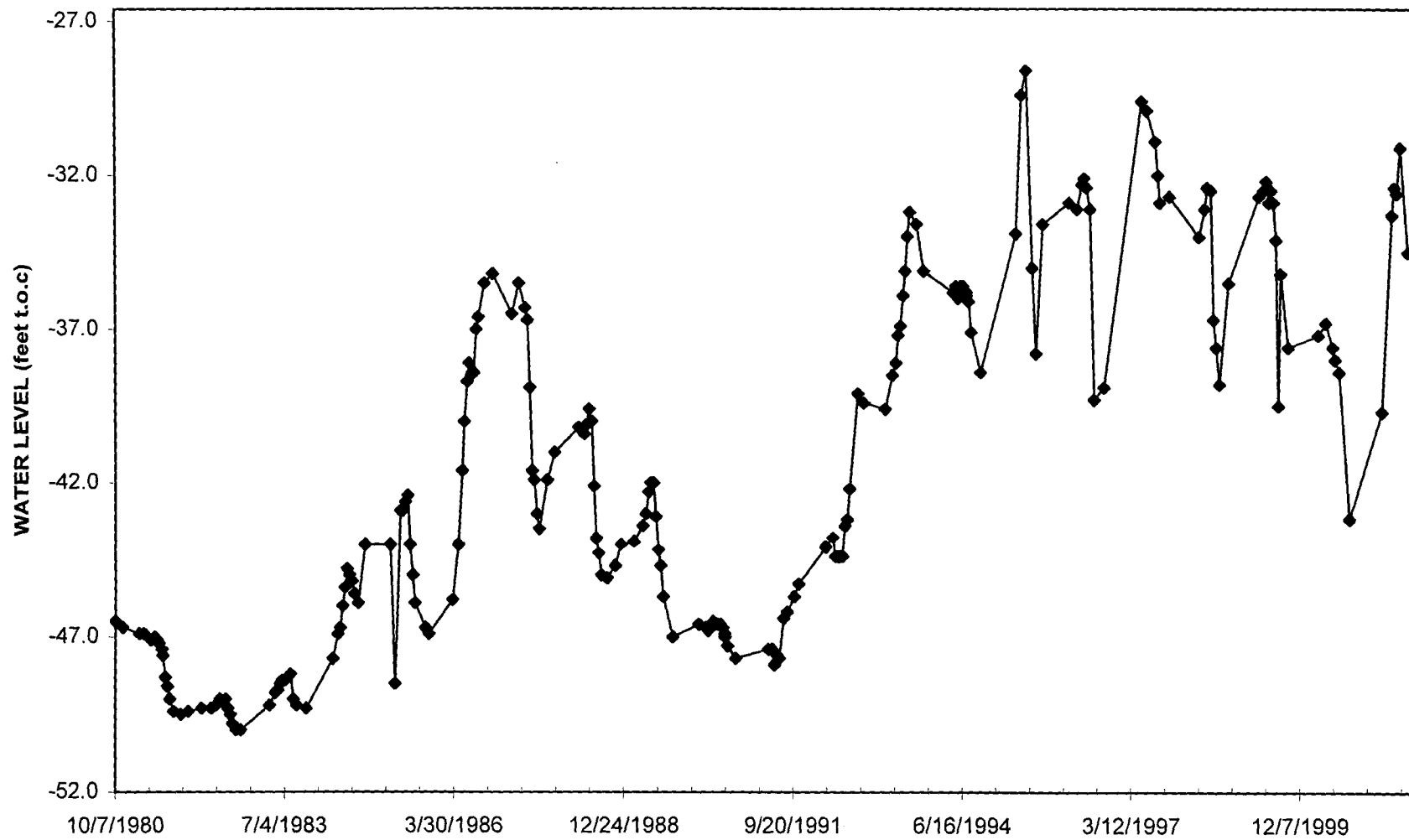
BIBLIOGRAPHY

- Emmons, P.J., 1988, A Digital Simulation of the Glacial-Aquifer System In Sanborn and Parts of Beadle, Miner, Hanson, Davison, And Jerauld Counties, South Dakota, WRI 87-4082, USGS, Huron, SD, 57350.
- Hedges, L.S., etal, 1982, Evaluation of Ground-Water Resources Eastern SD and Upper Big Sioux River, SD and Iowa, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.
- Water Rights, 2002, Unpublished Observation Well Data for Beadle County, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

**WATER RIGHTS' OBSERVATION WELL
BD-76D**



**WATER RIGHTS' OBSERVATION WELL
BD-80E**





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 6286-3, Russell Jungemann**

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. 6286-3, Russell Jungemann, 38223 293rd Street, Wolsey SD 57384.

The Chief Engineer is recommending APPROVAL of Application No. 6286-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) it is in the public interest with the following qualifications:

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.

Garland Erbele, Chief Engineer
February 22, 2002



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 22, 2002

Fred Larsen
20357 385th Avenue
Wolsey SD 57384

Dear Mr. Larsen:

Mr. Russell Jungemann has applied for a water right permit to appropriate additional water and irrigate 35.1 additional acres located in the W ½ Section 32, T112N, R49W. I am sending you this information because it is my understanding that you are the owner of this property and lease the ground to Mr. Jungemann.

Enclosed is a copy of the report, recommendation and public notice for this application. The notice is scheduled to be published in the Huron Plainsman on February 28th and March 6th.

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

Sincerely,

Eric Gronlund
Water Rights Program, DENR
605 773-3352

enclosure



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

February 22, 2002

The Plainsman
PO Box 1278
Huron, SD 57350-1278

ATTENTION: Legal Public Notice

Enclosed is a Notice of Hearing on Application No. 6286-3 to Appropriate Water to be published twice. Please publish the first notice on February 28, 2002 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 Russell Jungemann, 38223 293rd Street, Wolsey, SD 57384 (Ph # 605-883-4639).

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-----

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

No. 6286-3

Date _____

We are in receipt of your letter of February 22, 2002 enclosing Notice of Hearing to Appropriate Water by Application No. 6286-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

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

February 22, 2002

Russell Jungemann
38223 293rd Street
Wolsey, SD 57384

Dear Mr. Jungemann:

Water Permit Application No. 6286-3 for irrigation 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 Plainsman printed at Huron, SD (Ph # 605-352-6401). You will need to contact the newspaper 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 newspaper to authorize publication of your Notice of Hearing and to arrange for payment. Early contact with the paper can eliminate delays. Upon receiving authorization, the publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. The newspaper has 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.

Instruction to Newspaper - Publish first Notice on February 28, 2002 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6286-3 to Appropriate Water
to Amend Water Right No. 4755-3

Notice is given that Russell Jungemann, operator, 38223 293rd St, Wolsey SD 57384 has filed an application for a water permit to appropriate an additional 1.0 cubic feet of water per second (cfs) and to irrigate 35.1 additional acres to what is currently authorized by Water Right No. 4755-3. Water Right No. 4755-3 appropriates 1.67 cfs from one well (Warren Wolsey Aquifer) 80 feet deep located in the SE ¼ NW ¼ Section 32 to irrigate 152 acres located in the W ½ Section 32; all in T112N-R64W. This application proposes to appropriate an additional 1.0 cfs from the existing well and to irrigate 35.1 additional acres located in the W ½ Section 32-T112N-R49W. This application, if approved, will authorize a total diversion rate of 2.67 cfs for irrigation of 187.1 acres.

R64W

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6286-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and Chief Engineer. The applicant must file a petition if contesting the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by March 18, 2002.

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.

PRINTER'S AFFIDAVIT

STATE OF SOUTH DAKOTA,
COUNTY OF BEADLE: ss.

I, Cheri Bjorke, being duly sworn on oath, say that THE PLAINSMAN is a daily paper published at Huron, Beadle County, South Dakota, and that said newspaper has a bona fide circulation of at least 250 copies daily; that said newspaper has been published within said county for fifty-two consecutive weeks immediately prior to this date, that said newspaper is printed in whole or in part, in an office maintained at said place of publication; that I am *Legal Advertising Coordinator* of said newspaper and know the facts herein state. The annexed notice headed:

Notice of Application No. 6286-3 to Appropriate Water to Amend Water Right No. 4755-3

was published for *two days, once each week, on the same day*, in said newspaper, and not in any supplement of the said newspaper, the first publication was on the 28th day of February, 2002 and the last publication on the 7th day of March, 2002. That the full amount of the fee charged for publishing the same, to wit Forty-three and 85/100 Dollars inures to the benefit of the publisher of said newspaper; that no agreement or understanding for the division thereof has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever.

Cheri Bjorke

Subscribed and sworn to before me this 15th day of March, 2002.

Shannon Hummer
Notary Public, South Dakota

My term expires 12/28/07



F.P. 2-28-02 L.P. 3-7-02
**NOTICE OF APPLICATION
NO. 6286-3 TO
APPROPRIATE WATER TO
AMEND WATER RIGHT
NO. 4755-3**

Notice is hereby given that Russell Jungemann, operator, 38223 293rd St, Wolsey, SD 57384 has filed an application for a water permit to appropriate an additional 1.0 cubic feet of water per second (cfs) and to irrigate 35.1 additional acres to what is currently authorized by Water Right No. 4755-3. Water Right No. 4755-3 appropriates 1.67 cfs from one well (Warren Wolsey Aquifer) 80 feet deep located in the SE¼NW¼ Section 32 to irrigate 152 acres located in the W½ Section 32; all in T112N-R64W. This application proposes to appropriate an additional 1.0 cfs from the existing well and to irrigate 35.1 additional acres located in the W½ Section 32-T112N-R64W. This application, if approved, will authorize a total diversion rate of 2.67 cfs for irrigation of 187.1 acres.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6286-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the Chief Engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the Chief Engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

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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 March 18, 2002.

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Steven M. Pinner, Secretary
Department of Environment
and Natural Resources
No. 80 (adv.)

RECEIVED

MAR 19 2002

WATER RIGHTS
PROGRAM



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

APR 16 2002

Russell Jungemann
38223 293rd St.
Wolsey, SD 57384

Dear Mr. Jungeman:

Enclosed is Water Permit No. 6286-3 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use*, is enclosed. Please return this completed form after you have finished the system and have put the water to beneficial use. An investigation can then be scheduled so the water license may be issued, thus completing the acquisition of a water right.

An informational sheet *Common Water Right Questions* is also enclosed. This sheet is intended to answer some of the questions associated with obtaining and keeping a water right.

Sincerely,

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

enclosures

Permit No. 6286-3
James 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, April 21, 2008, made a thorough examination of the water use system constructed by Russell Jungemann of 38223 293rd Sy., Wolsey, SD 57384 holder of Permit No. 6286-3, bearing the priority of December 17, 2001 authorizing the diversion of 1.0 cu. ft. per second of the waters of the Warren Wolsey Aquifer for Irrigation purposes, in Beadle County.

Inspection contact & relationship
to permit holder, if applicable:

A. Works used to divert the water:

Well Information:

Well information can be obtained from the licensing inspection report for Water Right No. ⁷~~4~~55-3 as this permit authorizes the diversion of water from this same well.

Pump:

- 1) Make Vertiline Line 3 stage
- 2) Capacity 600 GPM ~~*~~

Motor:

- 1) Make US Motor High Thrust
- 2) Horsepower rating 50 hp @ 1765 rpm

B. Works used to apply water to beneficial use:

Center pivot:

- 1) Make South Pivot: Lockwood, North Pivot: Zimmatic
- 2) Number of towers South Pivot: 5, North Pivot: 8
- 3) End gun Y
- 4) High or low pressure South Pivot: High, North Pivot: Low

Chemigation Equipment:

- 1) Does chemigate N

C. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by Y

2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Y

3) Exceptions to compliance are: None

The system is in Good condition with the point(s) of diversion located as follows:

Approximately 2380 feet south and 2530 feet east of the NW corner of Section 32-T112N-R64W

(N 44.46570, W -98.55008) (SE ¼ NW ¼)

The works are capable of diverting and conveying to the place of use 1.33 cu. ft. per second of water which is to be used for Irrigation. Water has been put to beneficial use to the maximum extent as follows:

Section 32-T112N-R64W

NW ¼ NW ¼ - 18 acres

NE ¼ NW ¼ - 17 acres

SW ¼ NW ¼ - 39 acres

SE ¼ NW ¼ - 39 acres

Section 32-T112N-R64W

NW ¼ SW ¼ - 35 acres

NE ¼ SW ¼ - 16 acres

SW ¼ SW ¼ - 19 acres

SE ¼ SW ¼ - 4 acres

comprising a total of 187 acres of land and the license should be issued for 1.33 cfs.*

All structures, wells and lands on map Y

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

Water Right No. 4755-3 and Water Permit No. 6286-3 combined authorize irrigation of 187 acres in the W ½ Section 32 from one well at a diversion rate of 1.33 cfs. The permit holder for this permit has now purchased this property under a contract-for-deed from the water right holder of Water Right No. 4755-3. The permit holder for this permit needs to file a Transfer of Ownership for Water Right No. 4755-3 with the Water Rights Program so the two rights/permits can be incorporated.

Pump information for this report was obtained on August 20, 2009 from Pullman Well Drilling.



Mike DeFea

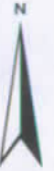
Natural Resources Project Engineer
DENR, Water Rights Program

Date report completed: September 1, 2009

* July 21, 2010: Called and spoke with Russell Jungemann - he has not changed anything on the well since the original owner had it. Still pumps at 1.67 cfs. License will be issued for 1.67 cfs.

Water Permit No. 6286-3

Russell Jungemann
28223 293rd St.
Wolsey, SD 57384



Mike DeFea

Mike DeFea
Natural Resources Engineer
DENR, Water Rights Program
August 28, 2009

0 390 780 1,560 2,340 3,120 Feet



South Dakota
Department of Environment
& Natural Resources
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**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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JUL 28 2010

4755-3
6286-3

Russell Jungemann
38223 293rd St
Wolsey SD 57384

Dear Mr. Jungemann:

Enclosed is Water License No. 6286-3. This is the final water right document completing your process of obtaining a Water Right. Included with your license is a map prepared by the staff engineer who conducted the field investigation.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 6286-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

Also enclosed with your license is Receipt No. 04340 in the amount of \$50.00 which you paid for filing the ownership change on Water Right No. 4755-3. Water Right No. 4755-3 has been incorporated into this water license. As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

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

enclosures

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6286-3

(1) Russell Jungemann, 38223 293rd St, Wolsey SD 57384 made Application No. 6286-3, December 17, 2001 for a water permit to divert an additional 1.0 cubic feet of water per second (cfs) to irrigate additional acres described under Water Right No. 4755-3 from ground water (one well – Warren Wolsey Aquifer), Beadle County, South Dakota. Permit No. 6286-3, with a priority date of December 17, 2001 was approved March 18, 2002 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before March 18, 2007 and for the application to beneficial use of said water on or before March 18, 2011.

Water Right No. 4755-3, with a priority date of May 5, 1981 authorizes diversion of 1.67 cfs from one well to irrigate 152 acres. The applicable portions of Water Right No. 4755-3 have been incorporated into this license. Priority dates are described below.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 1.67 cubic feet of water per second for beneficial use. The location of the diversion point is 2,380 feet south and 2,530 feet east of the NW corner of Section 32, T112N, R64W (SE ¼ NW ¼).

(3) The permit holder has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate the following land:

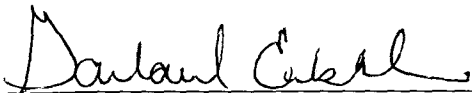
Section 32, T112N, R64W			
NW ¼ NW ¼	18 acres	NW ¼ SW ¼	35 acres
NE ¼ NW ¼	17 acres	NE ¼ SW ¼	16 acres
SW ¼ NW ¼	39 acres	SW ¼ SW ¼	19 acres
SE ¼ NW ¼	39 acres	SE ¼ SW ¼	4 acres
Total of 187 acres			

*** Priority dates: 152 acres & 1.67 cfs diversion rate – May 5, 1981 (established under Water Right No. 4755-3)
35 acres – December 17, 2001 (established under Water Permit No. 6286-3)**

(4) Pursuant to South Dakota Water Law 46-5-30.1 Russell Jungemann, 38223 293rd St, Wolsey SD 57384 the holder and/or owner of Incorporated Water Right No. 6286-3 is issued a license to appropriate water, the right to use 1.67 cubic feet of water per second from ground water (one well – Warren Wolsey Aquifer) with a priority dates of May 5, 1981 and December 17, 2001 from the location specified in (2) of this license for irrigation purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 6286-3 and subject to the following qualifications:

- The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
- This Permit is approved subject to the irrigation water use questionnaire being submitted each year.


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

JUL 28 2010

date

