

WATER PERMIT NO. 6282-3

Name of Applicant: Ed Watkins

Address: 36910 196 St, St. Lawrence SD 57373

Phone: 605 852-2582

Amount of Water Claimed: 0.59 cfs

Total Acres: 60

Source of Water Supply: groundwater

Water to be used for: irrigation

County: Hand

Type of Waste Disposal System:

Location: 6 miles northeast of St. Lawrence

PRIORITY

Date Received: 11-13-2001

Fee: \$150

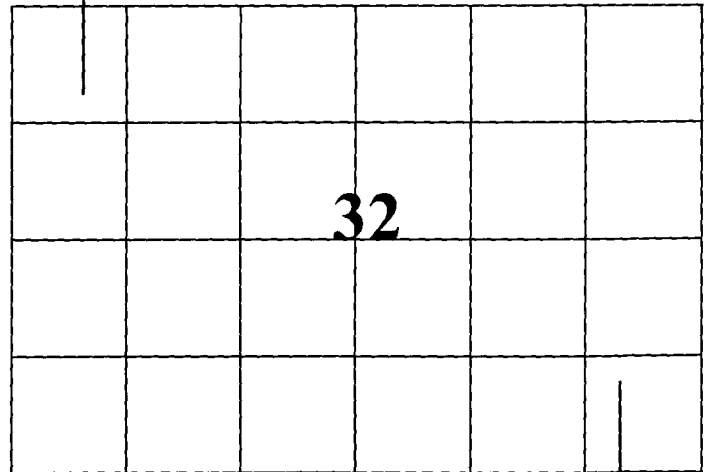
Corrected Application Received::

Period of Annual Use: May 1 – Sept 30

Remarks: using existing well authorized by Water Right No. 5813-3

Diversion Point: NW ¼ SW ¼ Sec 32-T113N-R66W

Land to be Irrigated: S ½ NW ¼ Sec 32-T113N-R66W



Depth of Well: 70 feet

Well Driller: : Pullman Drilling

Remarks:

Type of Map: aerial

Prepared by: Marvin A Nelson

Reviewed and the Number Assigned on: 11-13-2001

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____

SOUTH DAKOTA
WATER PERMIT NO. 6282-3

Date of first receipt of application November 13, 2001.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6282-3 to Ed Watkins, 369 196 St., St. Lawrence SD 57373 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. 6282-3 appropriates 0.59 cubic feet of water per second from one existing well (Tulare-Hand Aquifer) 67 feet deep located in the NW ¼ SW ¼ Section 32 to irrigate 60 acres located in the S ½ NW ¼ Section 32; all in T113N-R66W. This permit authorizes irrigation of additional acres to Water Right No. 5813-3. This existing water right appropriates 1.85 from this same well to irrigate 159 acres in the SW ¼ and S ½ NW ¼ Section 32 T113N-66W.
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: May 1 – September 30.
3. The date from which applicant may claim right is November 13, 2001.
4. The date of approval of Permit No. 6282-3 is January 14, 2002.
5. One-fifth of the construction is to be completed on or before January 14, 2004.
6. All construction is to be completed on or before January 14, 2007.
7. Water is to be put to beneficial use on or before January 14, 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

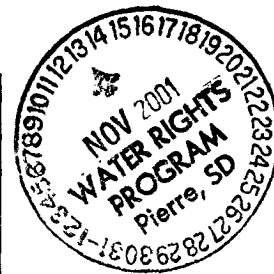
By: Garland Erbele
Garland Erbele, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

FEB 01 2002

date



Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>0282-3</u>	(office use only) Hydrologic Unit <u>10160009</u>
	Basin <u>James River</u>	
	Newspaper <u>Miller Press, Miller SD 57362</u>	



Application For Permit To Appropriate Water For Irrigation

Type of Application: New Vested Right X Amendment/Correction to Permit No. 5085-3
(Use predates Mar 2, 1955) 5813-3

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)
ADD APPROX 60 acres To NORTH

- Name of Applicant ED WATKINS Phone 1-605-853-2582
(check one) X Owner Tenant/lessee
Mailing Address 36910 1965T STRAWRENCE State SD 57373
0.59 (Street, RR, or Box and City) 60 add'l acre (Zip Code)
1.85 *CFS or **GPM ***AF Total Acreage 319
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Amount of water claimed
- Source of water supply WELL
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
T-113-N R-66-W SEC 32 NW 1/4 SW 1/4
County HAND
- County or counties where water will be used HAND
- Annual period during which water is to be used MAY 1 - SEPT 30
- 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>NW 1/4 SEC 32 T113N R66W</u>	<u>60 APPROX</u>		
<u>SW 1/4 NW 1/4</u>			

8. Give a description of the project. (Attach sheet if more space is needed)
NEED ADDITIONAL LAND TO ADD PIVOT TO NORTH
END OF PREVIOUS APPLICATIONS.

STATE OF SOUTH DAKOTA) SS
County of HAND

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, Ed Watkins, 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 Ed Watkins

Subscribed and sworn to before me this 9th day of November 20 01

My commission expires: 2-4-2004 Marilyn M. Rye
Notary Public signature

Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 26" Depth 70'
- b) Casing Type PLASTIC Diameter 16" Thickness 5/16
- c) Screen Type Johnson STAINLESS STEEL Diameter 16" Thickness
- d) Gravel Pack 5" Length of Gravel Pack 50 ft.
- e) Depth to Top of Water Bearing Material 5'
- f) Depth to Water (ground surface to water level) 20'
- g) Distance to nearest existing domestic well:
- On applicants property ONSITE On property owned by others 1/4 MILE

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field)
- b) System Capacity (gallons) Year Constructed
- c) Connected to the City of Sanitary System

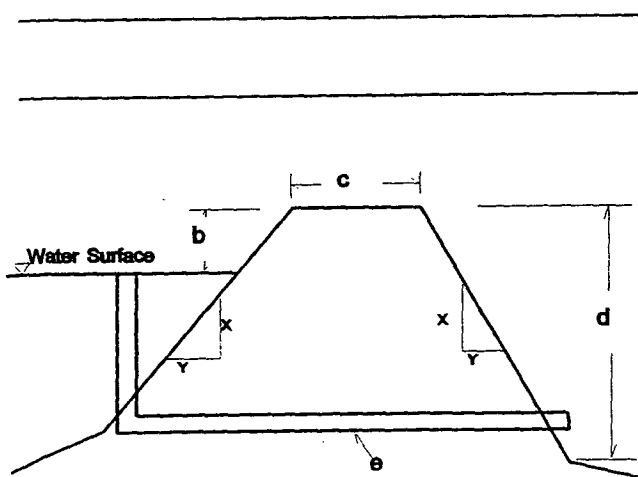
3. Dugout Information

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

4. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to 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:



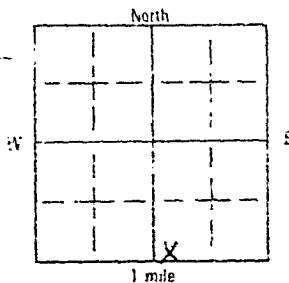
- b) Freeboard
- c) Crest Width
- Crest Length
- d) Height
- e) Primary Outlet Capacity
- If pipe, diameter
- f) Secondary Spillway Capacity
- Spillway Width
- g) X & Y Slope
- Upstream
- Downstream
- h) Surface Area of Impoundment
- i) Storage Acre Feet
- j) Drainage Area Above Dam Acres

SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85

Location 84.38 Sec 38 Twp 13 N Rg 64 WCounty Glenn

Please mark well location with an 'X'

Well Completion Date 4-27-88

PROPOSED USE.

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

Method of Drilling.

Reel Drilling

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT DIAMETER FROM TO HOLE DIAMETER

18 LB/FT 1 1/2 IN 0 FT 52 FT 2 1/2 IN18 LB/FT 1 1/2 IN 0 FT 52 FT 2 1/2 IN18 LB/FT 1 1/2 IN 0 FT 52 FT 2 1/2 IN18 LB/FT 1 1/2 IN 0 FT 52 FT 2 1/2 IN

GROUT:

Was the well grouted? ☒ YES ☐ NOTo what depth? 20 FEETWhat is grouting material? Cementitious MortarIf cement, number of sacks? 50Describe grouting procedure Cone

What was grout weight? _____ LB/GAL

SCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 1 1/2 IN Length 15 FEETMaterial Johnson Stainless SteelSlot Size 60 Set From 52 Feet To 67 Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Slot Size _____ Set From _____ Feet To _____ Feet

Other information _____

Was a packer or seal used? ☐ YES ☒ NO

If so, what material? _____

Describe packer(s) and location? _____

Was well disinfected upon completion? ☒ YES ☐ NO

Explain _____

Bacterial analysis ☐ YES ☒ NO

Laboratory sent to _____

Well Owner:

Name Edward WatkinsAddress 411 St. W. Wadena, MN 56581

Well Log

Depth

Formation

From

To

Gravelly Sand 0 12Medium Sand & Gravel 12 50Thinly bedded sand & gravel 50 40Sand & Gravel 40 67STATIC WATER LEVEL 19 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other, specify _____

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped800 GPM☐ BailedDescribe: 4" Turbine☐ Other

Pumping Level Below Land Surface

_____ ft After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

This well was drilled under license # 440

And this report is true and accurate.

Drilling firm Johnson Drilling

Signature of License Representative:

Roy P. Olson

Signature of Well Owner:

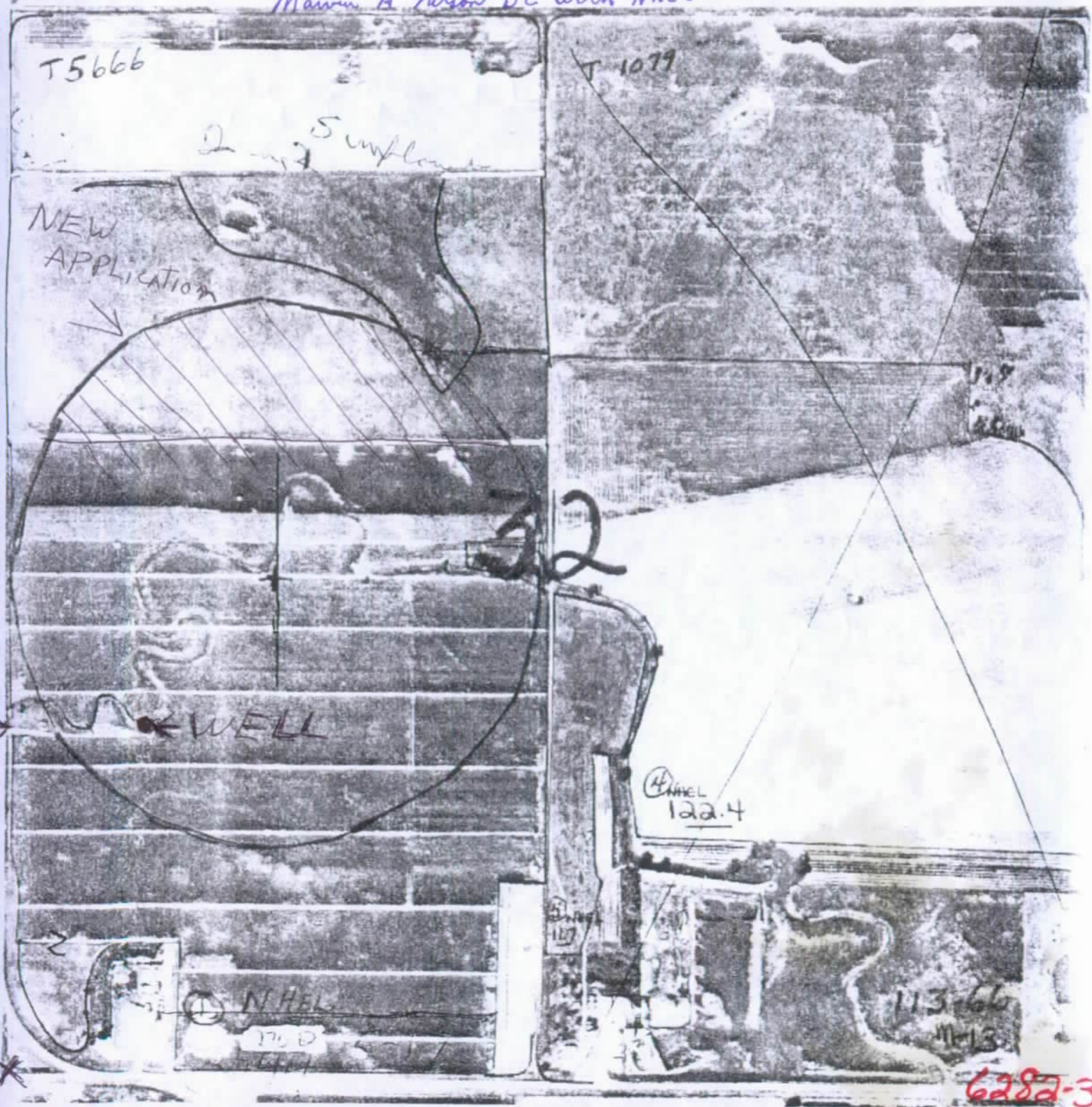
X FROM SW CORNER SEC 32 1700 FT NORTH
WELL 700 FT EAST

3

MAP NOT TO SCALE
THIS IS NOT AN OFFICIAL WETLAND MAP

255?

Maurice A. Nelson DC with USDA NRES



RECEIPT
Water Rights Program
South Dakota Department of Environment and Natural Resources

416969

Pierre, November 13, 20 01

RECEIVED OF Ed or Lorna Watkins, 36910 196th St., St. Lawrence SD 57373
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. 6282-3 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. 6282-3 _____

50 00

Fee for Filing Transfer Form _____

Fee for Filing Extension Request _____

Fee for _____

(Any Other Work Provided by Law)

Total

200 00

By

Chief Engineer

Darland Erbe
gm

Water Rights Program - File Documentation

NAME: Ed Watkins

ADDRESS: 36910 196 St, St. Lawrence SD 57373

DATE: 11-13-01 **COUNTY:** HD **TELEPHONE:** 853-2582

RE: Pending application

COMMENTS:

Called Ed Watkins about the amount of water claimed on the water permit application. Water Right No. 5813-3 was licensed for 1.85 cfs. The pump on the well is capable of 1100 gpm or 2.44 cfs.

Mr. Watkins stated he was agreeable with changing the amount of water claimed to an additional 0.59 cfs which would be the total amount the pump is capable of ($1.85 + 0.59 = 2.44$ cfs).

Karen Schlaak
Karen Schlaak
Environmental Scientist

REPORT ON WATER PERMIT APPLICATION NO. 6282-3
For Ed Watkins
December 11, 2001

Application No. 6282-3 proposes to appropriate 0.59 cfs (265 gpm) from an existing 67 feet deep well located in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of section 32 to irrigate 60 acres located in the S $\frac{1}{2}$ NW $\frac{1}{4}$ of section 32; all in T113N R66W in Hand County. This application simply seeks to attach additional irrigable acres to Water Right No. 5813-3. Water Right No. 5813-3 appropriates 1.85 cfs from the same well to irrigate 159 acres in the SW $\frac{1}{4}$ and the S $\frac{1}{2}$ NW $\frac{1}{4}$ of section 32, T113N R66W.

AQUIFER – TULARE HAND (T-HA)

The Tulare Hand is a glacial outwash (sand and gravel) which is under water table conditions in the area of this application. The aquifer is a complex system of interconnected sand and gravel layers which are separated by till (Koch, 1980). The general direction of water movement is from west to east and locally toward the major drainages. The aquifer underlies 208,700 acres and contains an estimated 938,000 acre-feet of recoverable water in storage in Hand County (Hedges, 1982). The aquifer extends into Hyde County to the west and into Beadle and Spink Counties to the east.

The driller's log for the existing well indicates sand and gravel from the surface to a depth of 67 feet. The well was completed with 15 feet of 60 slot stainless steel well screen and 52 feet of 16 inch plastic casing. The well was capable of producing 800 gpm and has a static water level at 19 feet below land surface.

The Water Rights Program monitor two observation wells, HD-49A and HD-50A, located about one mile east and one mile west of this application, respectively. 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. In general, the water level record indicates that the aquifer is capable of sustaining additional withdrawals. Hydrographs for these two observation wells are included with this report.

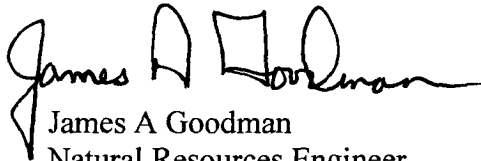
REVIEW OF EXISTING WATER PERMITS/RIGHTS

Water Right No. 5813-3 is located at this site. No other water permits/rights are located in this area. It is over three miles to the next closest irrigation water permit/right. Interference is not a concern. The well for this application is the same well used for the existing water right.

CONCLUSIONS

1. Water is available from the Tulare Hand aquifer.

2. The aquifer is under water table conditions in this area. Drawdown is not expected to extend very far from the production well. Interference is not a concern.
3. This well has been constructed in accordance with SD Well Construction Standards.
4. This application is simply to add additional acres to be irrigated. This well has been used for many years for irrigation purposes with no apparent problems.



James A Goodman
Natural Resources Engineer

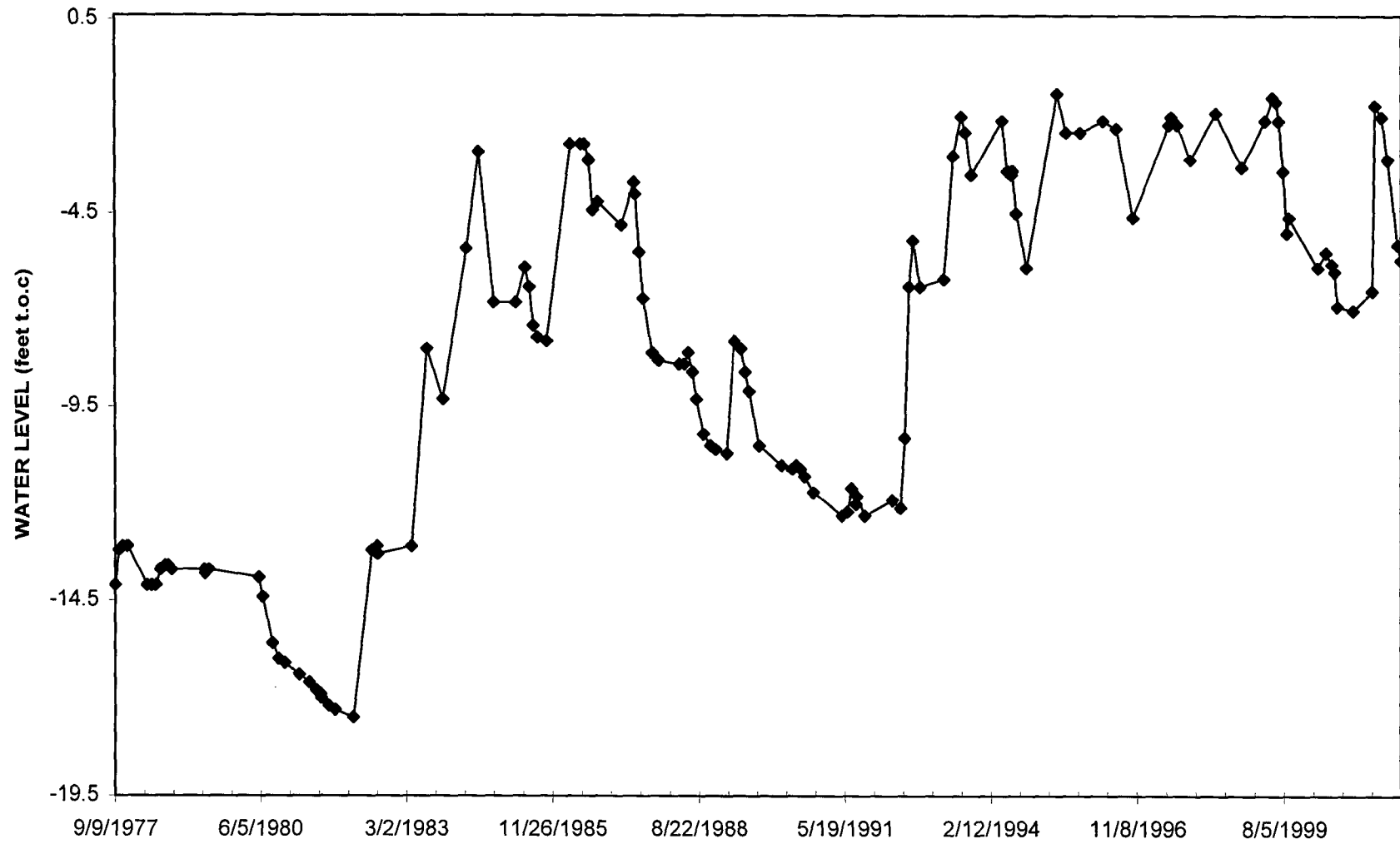
BIBLIOGRAPHY

Hedges, L.S. et al., 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.

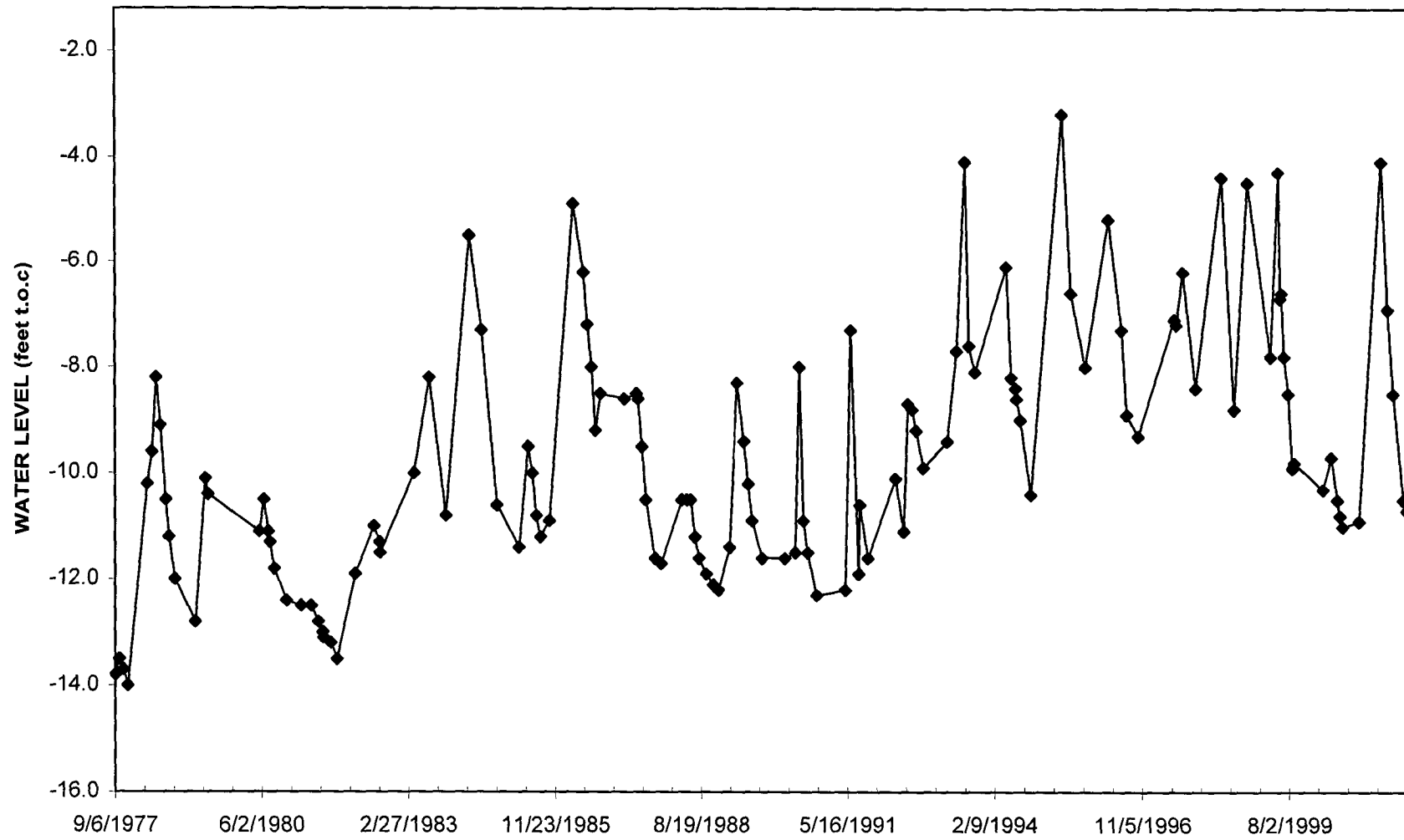
Koch, N.C., 1980, Geology and Water Resources of Hyde and Hand Counties, South Dakota, Part II: Water Resources, SDGS Bulletin 28, SD DENR, SDGS, Vermillion, SD, 57069.

Water Rights, 2001, Unpublished Observation Well Data for Hand County, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

**WATER RIGHTS' OBSERVATION WELL
HD-49A**



**WATER RIGHTS' OBSERVATION WELL
HD-50A**





**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. 6282-3, Ed Watkins**

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. 6282-3, Ed Watkins, 36910 196 Street, St. Lawrence SD 57373.

The Chief Engineer is recommending APPROVAL of Application No. 6282-3 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
December 17, 2001



**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.**

December 18, 2001

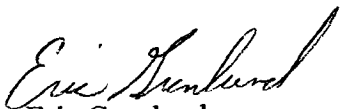
Ed Watkins
36910 196 St.
St. Lawrence, SD 57373

Dear Mr. Watkins:

Water Permit Application No. 6282-3 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 Miller Press printed at Miller, SD (Ph # 605-853-3575). 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.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

December 18, 2001

Miller Press
PO Box 196
Miller, SD 57362-0196

ATTENTION: Legal Public Notice

Enclosed is a Notice of Hearing on Application No. 6282-3 to Appropriate Water to be published twice. Please publish the first notice on December 26, 2001 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 Ed Watkins, 36910 196 St., St. Lawrence, SD 57373 (Ph # 605-853-2582).

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. 6282-3

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

Date _____

We are in receipt of your letter of December 18, 2001 enclosing Notice of Hearing to Appropriate Water by Application No. 6282-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper

Length of line: 12 pica
Size of type: 8 pt.
Number of lines: 69
Line rate: _____

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA)
)SS
County of Hand)

Gary L. McFarlane of said county being first duly sworn, on oath, says that he is the publisher of *The Miller Press*, a weekly newspaper printed and published in Miller, said County of Hand and has full and personal knowledge of all the facts herein stated; that said newspaper is a legal newspaper and has a bonafide circulation of at 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

Watkins Water
Application notice

a printed copy of which, taken from the paper in which the same was published, is attached to this sheet, and is made a part of this Affidavit, was published in said newspaper at least once each week for 2 successive week(s), on the day of each week on which said newspaper was regularly published, to wit:

12-26 2001; _____ 20____

1-02 2002 _____ 20____

_____ 20____; _____ 20____

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

\$ 41.61

Gary McFarlane

Subscribed and sworn to before me this

12 day of 1 2002

Paula L. McFarlane

Paula L. McFarlane, Notary Public

My Commission expires: Oct. 11,

2004

State of South Dakota

Water application notice

NOTICE OF APPLICATION NO. 6282-3 to Appropriate Water

Notice is given that Ed Watkins, 36910 196 St., St. Lawrence, SD 57373 has filed an application for a water permit to appropriate 0.59 cubic feet of water per second from one existing well (Tulare-Hand Aquifer) 67 feet deep located in the NW 1/4 SW 1/4 Section 32 to irrigate 60 acres located in the S 1/2 NW 1/4 Section 32; all in T113N-R66W. This application seeks to irrigate additional acres to Water Right No. 5813-3. This existing water right appropriates 1.85 from this same well to irrigate 159 acres in the SW 1/4 and S 1/2 NW 1/4 Section 32 T113N-66W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6282-3 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 Janu-

ary 14, 2002.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, and 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.

FPNO 18 LPNO 19



Instruction to Newspaper - Publish first Notice on December 26, 2001 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6282-3 to Appropriate Water

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**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

FEB 01 2002

Ed Watkins
369 196 Street
St Lawrence, SD 57373

Dear Mr. Watkins:

Enclosed is Water Permit No. 6282-3 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

**NOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USE**

Date 5-11-02

TO: Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181

RECEIVED

MAY 14 2002

WATER RIGHTS
PROGRAMFROM: ED WATKINS
(name)30910 196 ST
(address)ST LAWRENCE SD 57373 1-605-853-2582
(city, state, zip) (phone)

I have completed the construction of the water use system and I have put the water to beneficial use to the maximum extent it is going to be used.

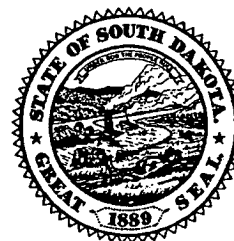
Water Permit No. 6282-3 states that the water use system is to be constructed by 1-14-2007, and water is to be put to beneficial use by 1-14-2011.
(date) (date)

The water use system was completed on 5-11-02.
(date)

Applying the water to beneficial use was completed on 5-11-02.
(date)

You may schedule an investigation so that the water license may be issued.

Ed Watkins
(signature)



Permit No. 6282-3
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, **October 31, 2006**, made a thorough examination of the water use system constructed by **Ed Watkins** of **36910 196 St., St. Lawrence, SD 57373** holder of Permit No. **6282-3**, bearing the priority of **November 13, 2001** authorizing the diversion of **0.59** cu. ft. per second of the waters of **groundwater** for **irrigation** purposes, in **Hand** County.

I have to report on the conditions of the same as follows: **Note: (See Water Permit Nos. 5085-3 & 5813-3)**

A. Works used to divert the water:

John Deere Motor, Model No. 4057T-125, with Western Land Roller pump, 1100 gpm capacity

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

900 feet 8 inch PVC pipe (well to pivot) and approximately 3630 feet of 6 inch PVC pipe (big guns)

C. Works used to apply water to beneficial use:

Lindsey Zimmatic 7 tower Center Pivot and Lindsey gun, 700 gpm capacity, 660 feet of 4.5 inch hose and an Easyrain gun, 500 gpm capacity, 660 feet of 4 inch hose.

The system is in the following condition **good**. The point of diversion is located **1716 feet north & 660 feet east of the SW corner of Sec. 32-T113N-R66W (NW ¼ SW ¼) (Lat. 44.552286 Long. -98.804455)**. The works are capable of diverting and conveying to the place of use **2.44 (1100 gpm)** 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:

All in Sec. 32-T113-R66W

Water Permit No. 6282-3

SW ¼ NW ¼ --14.5 acres

SE ¼ NW ¼ --14.5 acres

Total = 29.0 acres

Water Right No. 5813-3

S ½ NW ¼ -- 29 acres

Water Right No. 5085-3

SW ¼ -- 130 acres

comprising a total of **188** acres of land and the license should be issued for **2.44** cfs (1.85 cfs from Water Right No. 5813-3 & 0.59 cfs from Water Permit No. 6282-3).

Applicable permit qualifications have been complied with: Yes **X**

Exceptions to compliance are: **none** Date Report Completed: **February 28, 2007**



Timothy G. Schaal, P.E.
Natural Resources Engineering Specialist
DENR, Water Rights Program

REPORT ON INSPECTION OF PERMIT NO. 6282-3

Other permit(s) associated with the project: 5813-3 & 5085-3

DATE OF INSPECTION: October 31, 2007

NAME & ADDRESS OF INSPECTION CONTACT/ Ed Watkins, 36910 196th St., ST. Lawrence, SD 57373
RELATIONSHIP TO PERMIT HOLDER, IF APPLICABLE: owner

NAME & ADDRESS OF PERMIT HOLDER: same

DIVERSION POINT LEGAL LOCATION: 1716 feet north & 660 feet east of the SW corner of Sec. 32-T113N-R66W (NW ¼ SW ¼) (Lat. 44.552286 Long. -98.804455).

WELL INFORMATION: (well installed under Water Right No. 5085-3)

- 1) Well Drilling Firm: Pullman Well Drilling
- 2) No. of Wells 1
- 3) Depth(s) 67 feet
- 4) Well log is available yes

Casing:

- 1) Diameter 16 inches
- 2) Length 52 feet
- 3) Type PVC

Screen:

- 1) Type Stainless Steel
- 2) Length 15 feet
- 3) Static water level 15 feet

Pump:

- 1) Make Western Land Roller
- 2) Model XXXX
- 3) Size XXX
- 4) Capacity 1100 gpm

Motor:

- 1) Make John Deere
- 2) Model No. 40457-125
- 3) Horsepower rating XXX hp

DISTRIBUTION LINES OR CANALS:

- 1) Type PVC 2) Size 6 inches 3) Length 3630 feet (for traveling guns)
- 1) Type PVC 2) Size 8 inches 3) Length 900 feet (for Center Pivot)

SYSTEM TYPE:

Center pivot:

- 1) Make Lindsey Zimmatic
- 2) Overall length XXX feet
- 3) Number of towers 7
- 4) Capacity 800 GPM

Traveling Gun:

- | | |
|----------------------------------|----------------------------------|
| 1) Make <u>Lindsey</u> | 1) <u>Easyrain</u> |
| 2) Nozzle size <u>1.5</u> inches | 2) Nozzle size <u>1.5</u> inches |
| 3) Hose size <u>4.5</u> inches | 3) Hose size <u>4</u> inches |
| 4) Hose Length <u>660</u> feet | 4) Capacity <u>500</u> GPM |
| 5) Capacity <u>700</u> GPM | |

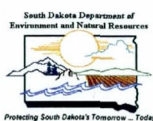
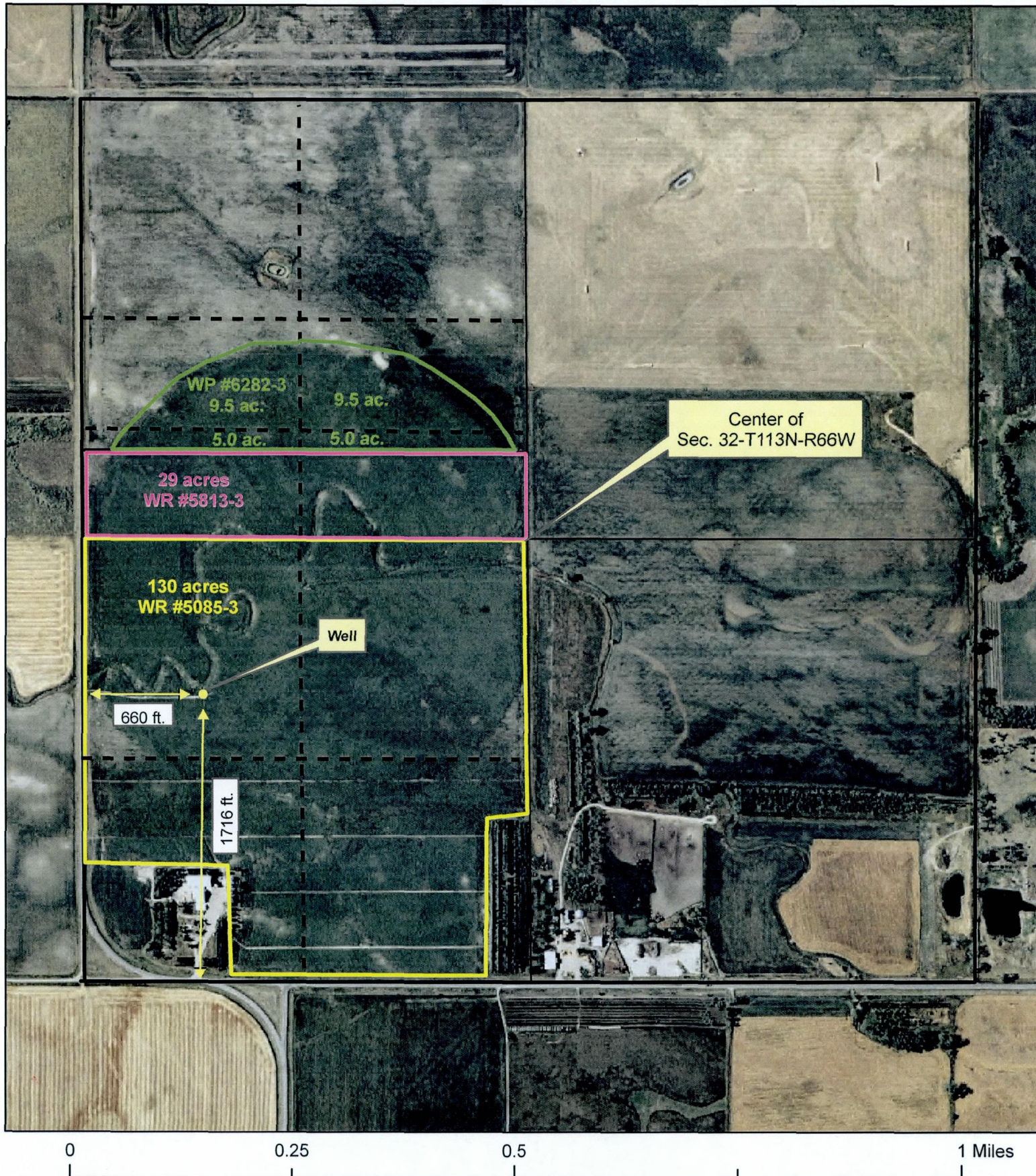
CHEMIGATION EQUIPMENT:

- 1) Does chemigate NO

PERMIT QUALIFICATIONS AND REGULATIONS:

- 1) Soil and water permit lands agree with lands being irrigated and lands listed on permit N/A
- 2) Special qualifications to permit being abided by yes
- 3) All structures, wells and lands on map yes
- 4) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period yes

Water Permit Application No. 6282-3



Timothy G. Schaal 2/28/07
Timothy G. Schaal, P.E.
Natural Resources Engineering Specialist
DENR, Water Rights Program



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

AUG 03 2007

5813-3
6282-3

Ed Watkins
36910 196th St
St Lawrence SD 57373

Dear Mr. Watkins:

Enclosed is your Water License No. 6282-3. This is the final water right document completing your process of obtaining a Water Right. Included with your water 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. 6282-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

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

Sincerely,

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

enclosures

Note: The applicable portions of Water Right No. 5813-3 were incorporated into Water License No. 6282-3.

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6282-3

(1) Ed Watkins, 36910 196th St, St Lawrence SD 57373 made Application No. 6282-3, November 13, 2001 for a water permit to divert 0.59 cubic feet of water per second (cfs) from ground water (one existing well in the Tulare-Hand Aquifer), Hand County, South Dakota for irrigation purposes. Permit No. 6282-3, with a priority date of November 13, 2001 was approved January 14, 2002 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before January 14, 2007 and for the application to beneficial use of said water on or before January 14, 2011.

Water Permit No. 6282-3 authorizes additional acreage and diversion rate to the system described under Water Right No. 5813-3. Water Right No. 5813-3 authorized a total of 159 acres (priority dates of February 3, 1986 and March 22, 1994) with a diversion rate of 1.85 cfs. The applicable portions of Water Right No. 5813-3 are incorporated into this Water License. Priority dates as they pertain to the acres irrigated and diversion rate 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 2.44 cubic feet of water per second for beneficial use. The location of the diversion point is 1,716 feet north and 660 feet east of the SW corner of Section 32, T113N, R66W (NW ¼ SW ¼).

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

Section 32, T113N, R66W	SW ¼ NW ¼	29.0 acres	March 22, 1994 (14.5 acres – No. 5813-3) November 13, 2001 (14.5 acres – No. 6282-3)
	SE ¼ NW ¼	29.0 acres	March 22, 1994 (14.5 acres – No. 5813-3) November 13, 2001 (14.5 acres – No. 6282-3)
	NE ¼ SW ¼	35.0 acres	February 3, 1986 (No. 5085-3)*
	NW ¼ SW ¼	35.0 acres	February 3, 1986 (No. 5085-3)
	SW ¼ SW ¼	25.0 acres	February 3, 1986 (No. 5085-3)
	SE ¼ SW ¼	35.0 acres	February 3, 1986 (No. 5085-3)
	Total	188.0 acres	

* **Water Permit No. 5085-3 was incorporated into Water Right No. 5813-3 in 1995.**

(4) Pursuant to South Dakota Water Law 46-5-30.1 Ed Watkins, 36910 196th St, St Lawrence SD 57373 the holder and owner of Incorporated Water Right No. 6282-3 is issued a license to appropriate water, the right to use 2.44 cubic feet of water per second (February 3, 1986 priority for 1.85 cfs and November 13, 2001 priority for 0.59 cfs) from ground water (one well – Tulare-Hand Aquifer) with priority dates of February 3, 1986, March 22, 1994 and November 13, 2001 from the location specified in (2) of this license. The water is to be conducted to and upon lands specified in (3) of this license for the purpose of irrigation.

continued

Water License No. 6282-3

Page 2

This license is subject to South Dakota Water Law, any limitations or conditions listed in Incorporated Water Right No. 6282-3 and subject to the following qualifications:

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

Garland Erbele

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

AUG 03 2007

date

