

WATER PERMIT NO. 6429-3

Name of Applicant: Town of Goodwin

Address: Box 71, Goodwin SD 57238

Phone: 605 795-3191

Amount of Water Claimed: 0.67 cfs

Total Acres: 28

Source of Water Supply: groundwater and storage dam

Water to be used for: fire protection and possible irrigation of golf course

County: Deuel

Type of Waste Disposal System:

Location:

PRIORITY Date Received: 6-9-2003

Application/License Fee: \$200

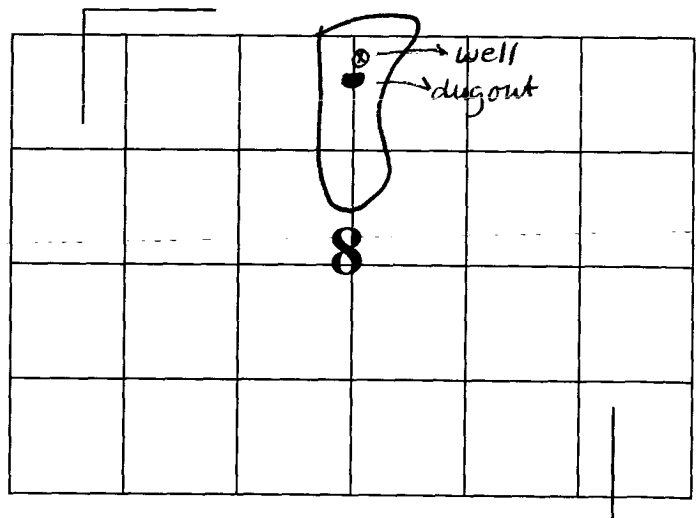
Corrected Application Received: 7-9-2003

Period of Annual Use: March 1 – October 31

Remarks:

Diversion Point: on quarter line between NE $\frac{1}{4}$ NW $\frac{1}{4}$ and NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec 7-T116N-R50W

Land to be Irrigated: SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 5, W $\frac{1}{2}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$ Sec 8; all in T116N-R50W



Depth of Well: 450 feet deep

Well Driller: :

Remarks:

Type of Map: aerial

Prepared by: Ronald D Serman, PE

Reviewed and the Number Assigned on: 7-9-03

By: Karen Schlaak

Notice of Hearing - date to intervene: _____

FORM 2: Application for irrigation in South Dakota
(type or print)

Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	(office use only)	
	No. <u>6429-3</u>	Hydrologic Unit <u>10170202</u>
	Basin <u>Sioux River</u>	
	Newspaper <u>Clear Lake Courier, Clear Lake</u>	

RECEIVED
JUN - 9 2003
WATER RIGHTS PROGRAM

Application For Permit To Appropriate Water For Irrigation

Type of Application: ☒ 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.)

- Name of Applicant Town of Goodwin Phone (605) 795-3191
(check one) ☒ Owner ☐ Tenant/lessee
- Mailing Address Box 71 Goodwin, SD 57238 State SD 57238
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 0.67*CFS or 300 **GPM ***AF Total Acreage 28
(*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) County Deuel
1/4 NE 1/4 Sec 8 T116N R50W (see attached sheets)
on quarter line between NW1/4 & NE1/4
- County or counties where water will be used Deuel
- Annual period during which water is to be used March 1 through October 31
- 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
Lot of SW1/4 & SE1/4 Sect. 5		SE1/4 SW1/4 SW1/4 SE1/4 Sec 5	
NW1/4 & NE1/4 Sect. 8		W1/2 NE1/4, E1/2 NW1/4, Sec 8.	
<u>total</u>	<u>28 acres</u>	<u>all in T116N-R50W</u>	

- Give a description of the project. (Attach sheet if more space is needed)

Well to fill a holding dam for filling fire trucks & eventually to irrigate the golf course

STATE OF SOUTH DAKOTA) SS
County of Codington

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, Ronald D. Sherman, 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 Ronald D. Sherman

Subscribed and sworn to before me this 23rd day of June 20 03

Matteo L. Z.
Notary Public signature

**SOUTH DAKOTA
WATER PERMIT NO. 6429-3**

Date of first receipt of application June 9, 2003.

Date of return to applicant for corrections, amendments or changes June 17, 2003.

Date of receipt of corrected application July 8, 2003.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6429-3 to Town of Goodwin, Box 71, Goodwin SD 57238 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. 6429-3 appropriates 0.67 cubic feet of water per second from one well (Prairie Coteau Aquifer) to fill a storage dam (approximately 1.0 acre feet) both located on the quarter line between the NE ¼ NW ¼ and the NW ¼ NE ¼ Section 8-T116N-R50W. The water will be used fire protection and future irrigation of 28 acres at the golf course located in the SE ¼ SW ¼, SW ¼ SE ¼ Section 5 and W ½ NE ¼, E ½ NW ¼ Section 8; all in T116N-R50W. The dam may also receive incidental surface runoff. Irrigation of the golf course may be directly from the well or the dam which is maintained using well water.
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: March 1 – October 31.
3. The date from which applicant may claim right is June 9, 2003.
4. The date of approval of Permit No. 6429-3 is September 8, 2003.
5. One-fifth of the construction is to be completed on or before March 8, 2006.
6. All construction is to be completed on or before September 8, 2008.
7. Water is to be put to beneficial use on or before September 8, 2012.
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. The well authorized by Permit No. 6429-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.

(continued)

3. Water Permit No. 6429-3 authorizes a storage dam with a storage capacity of approximately 1.0 acre feet of water. The dam may be filled from the well one or more times per year.
4. Pursuant to SDCL 46-5-6 which allows a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Permit No. 6429-3 authorize a maximum diversion rate of 0.67 cfs for the irrigation of 28 acres with an annual volume not to exceed 2 acre feet of water per acre per year.
5. 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

OCT 10 2003

date



(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 6" Depth 450'
- b) Casing Type PVC Diameter 6" Thickness 1/4"
- c) Screen Type Mesh Diameter 2" Thickness 1/4"
- d) Gravel Pack None Length of Gravel Pack None
- e) Depth to Top of Water Bearing Material 400'
- f) Depth to Water (ground surface to water level) 400'
- g) Distance to nearest existing domestic well:
On applicant's property _____ On property owned by others ✓

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

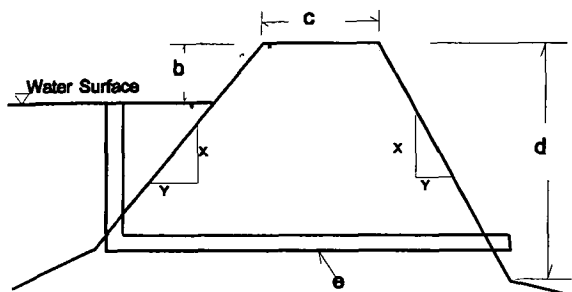
3. Dugout Information

- 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 2'
- c) Crest Width 50'
Crest Length 100'
- d) Height 14'
- e) Primary Outlet Capacity _____
If pipe, diameter _____
- f) Secondary Spillway Capacity _____
Spillway Width 12'
- g) X & Y Slope 6-12
Upstream _____
Downstream _____
- h) Surface Area of Impoundment 5000 ft²
- i) Storage 0.6 Acre Feet
- j) Drainage Area Above Dam _____ Acres

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date June 12, 2003

RECEIVED OF Goodwin Fire Dept., PO Box 88, Goodwin SD 57238

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

Fee for Application for Permit No. <u>1173</u> 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. _____		
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	150.00

No. 000000

By Barbara E. Deley

Chief Engineer

1/15

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date July 1, 20 03

RECEIVED OF Goodwin Fire Dept., PO Box 88, Goodwin SD 57238

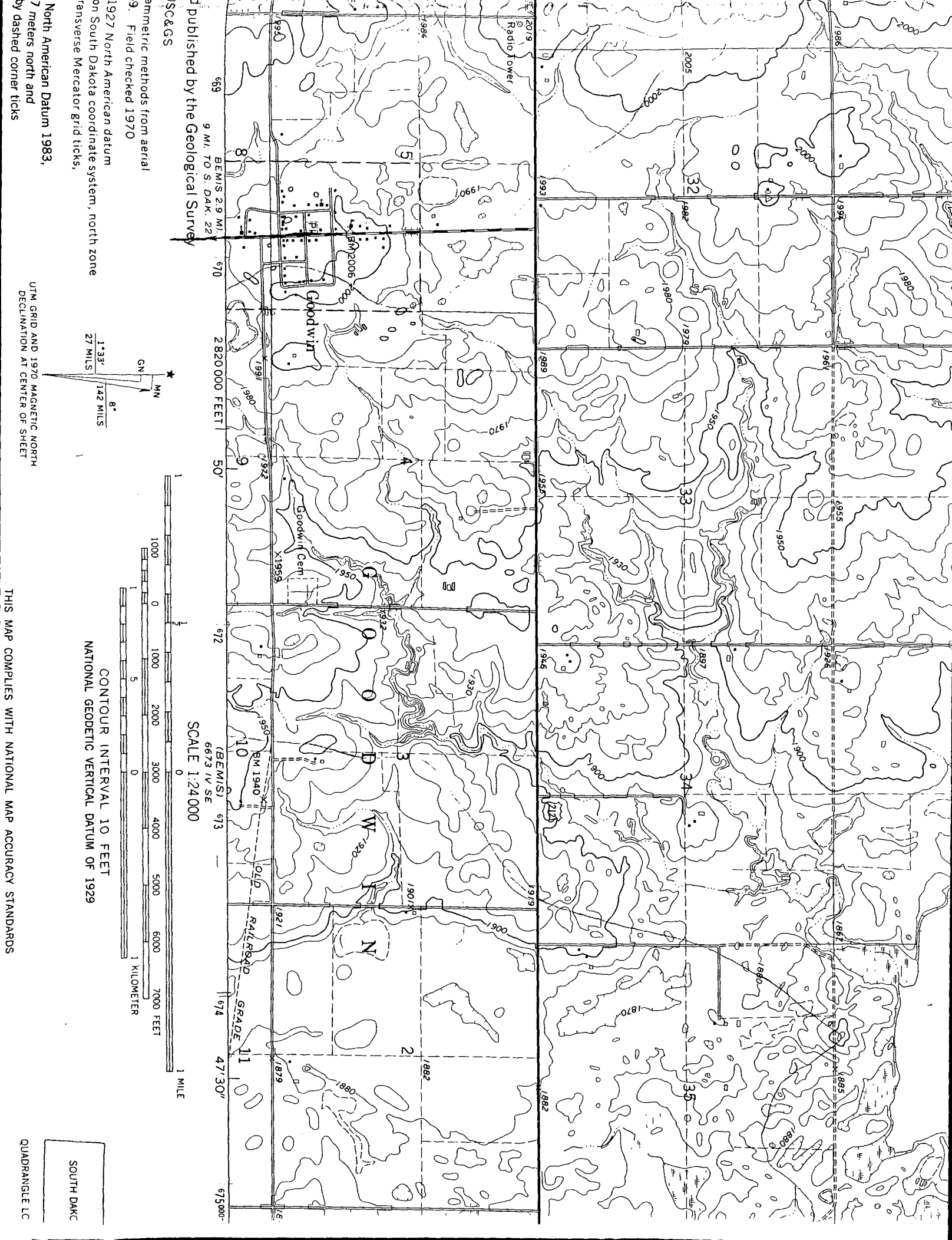
The following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. _____ to Appropriate Water, to construct and to put water to beneficial use	50	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>671-1-1</u>		
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	50.00

No. 000005

By Darlene Eide

Chief Engineer gm





DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

June 17, 2003

Goodwin Fire Dept.
Box 71
Goodwin SD 57238

Dear Sir:

Thank you for submitting the *Application for a Permit to Appropriate Water* for fire fighting purposes and the possible irrigation of the golf course. In order to complete the application the following is required.

- The application must be signed and notarized.
- Item No. 2 of the application, please indicate the diversion rate from the well (pump capacity in gallons per minute).
- Item No. 6 - please indicate the annual period of use.
- Item No. 7 - list the location of lands to be irrigated (golf course). From the map, it appears the 28 acres of golf course are located in the E ½ NW ¼ and W ½ NE ¼ of Section 8-T116N-R50W. If the red lines on the top and the bottom of the map are marking the location of where Sections 4 and 9 start, I believe they are incorrect when compared to the copy of the topographic map which I have enclosed. I have highlighted in yellow the section lines. The red line is incorrect. Please have the engineer make the necessary corrections to the map.
- Also, on the map, please mark the location of the well and submit a well log or test hole log signed by a licensed South Dakota well driller.
- Complete the information for the water storage dam on the Supplemental Information form. Particularly, what is the surface area and storage capacity of the dam.
- We have received your check for \$150. The application/license filing fee is \$200. Please submit an additional \$50.

The application states that water will eventually be used to irrigate the golf course. I want to make you aware that upon obtaining a permit, there is a 5 year construction period. After the construction period expires, the non-developed portion of the permit is subject to cancellation.

If you have any questions, please contact me.

Sincerely,

Karen Schlaak
Water Rights Program
605 773-3352

enclosures



July 1, 2003

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

Goodwin Fire Dept.
Ron Sherman
Box 71
Goodwin SD 57238

Dear Mr. Sherman:

We have received your resubmitted *Application for a Permit to Appropriate Water* and the application/license filing fee.

We still need to know what the proposed diversion rate from the well will be (pump capacity in gallons per minute).

If you have any questions, please contact me.

Sincerely,

Karen Schlaak

Karen Schlaak
Water Rights Program
605 773-3352

Water Rights Program - File Documentation

NAME: Ron Sherman

ADDRESS: Town of Goodwin

DATE: 7-8-03 **COUNTY:** DU **TELEPHONE:**

RE: pending application

COMMENTS:

Ron Sherman called regarding my letter dated July 1st. Mr. Sherman stated the diversion rate from the well will be 300 gallons per minute.

Karen Schlaak

Karen Schlaak

Environmental Scientist

REPORT ON WATER PERMIT APPLICATION NO. 6429-3
For the Town of Goodwin
August 1, 2003

Application No. 6429-3 proposes to appropriate 0.67 cfs (300 gpm) from one well approximately 450 feet deep to fill an approximately one acre-foot storage dam both located on the quarter line between the NE $\frac{1}{4}$ NW $\frac{1}{4}$ and the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of section 8, T116N R50W. The water will be used fire protection and future irrigation of the 28 acre golf course located in the SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$ of section 5 and W $\frac{1}{2}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$ of section 8; all in T116N R50W in Deuel County.

AQUIFER – PRAIRIE COTEAU (PCO)

The Prairie Coteau is a buried outwash (sand and gravel) which is under artesian conditions at this site. The aquifer underlies 698,880 acres and contains an estimated 5.0 million acre-feet of water in storage in Hamlin and Deuel Counties (Kume, 1985). The aquifer is large and extends into Codington County to the west and into Grant County to the north. The aquifer is not well defined in this area. The name Prairie Coteau was given to any sand and gravel bodies located between the shallow surficial system and the basal system represented here by the Altamont aquifer. The Altamont aquifer is about 700 feet deep and is probably the more dependable aquifer in this immediate area. The Altamont aquifer underlies 557,000 acres and contains an estimated 2.9 million acre-feet of water in storage in Hamlin and Deuel Counties (Kume, 1985). The Altamont is also confined and under artesian conditions at this site. The Altamont is a very large aquifer system and underlies part or all of the surrounding counties.

The applicant did not drill test holes at this site and only provided an estimate for well depth and construction. Based upon a nearby well log (in section 8) for a dairy the Prairie Coteau aquifer was encountered at a depth of 526 feet below land surface and was twenty feet thick. This well had a static water level of 200 feet below land surface and was capable of producing about 50 gpm with 100 feet of drawdown. The proposed construction of a six inch well and two inch screen would not be adequate to produce 300 gpm even if there was an aquifer at that depth.

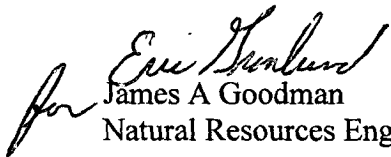
The Water Rights Program does not monitor any observation wells in this area which are completed into either the Prairie Coteau or the Altamont aquifers. Very little historical water level information is available for the area.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

There are no other water permits/rights in this area from either the Altamont or the Prairie Coteau aquifer. Both aquifers are under confined or artesian conditions, and pumping at a rate of 300 gpm would create drawdown. This is not expected to a concern, since there are no other permitted users in the area. Some of the domestic users, from either aquifer, could experience some drawdown and may be required to lower their pump. Until a water source can be identified this is a moot point.

CONCLUSIONS

1. Water is available from either the Altamont or the Prairie Coteau aquifer.
2. Both aquifers are confined and under artesian conditions. Drawdown will occur as a result of pumping. This is not expected to affect water availability from the aquifer.
3. The applicant needs to identify a water source for this application. Either source listed in this report is a possibility but the requested depth appears to be only a guess. The best information available indicates there is no aquifer at the estimated depth.
4. The proposed well construction on the Form 2A would not yield the amount of water requested.
5. The well authorized by this application if approved must be constructed in accordance with SD Well Construction Standards.
6. A small amount of surface water would be captured by this structure and used for supplying water for this permit.


for James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

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



**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. 6429-3, Town of Goodwin**

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. 6429-3, Town of Goodwin, c/o Ronald Sherman, Box 71, Goodwin SD 57238.

The Chief Engineer is recommending APPROVAL of Application No. 6429-3 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. The well authorized by Permit No. 6429-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. Water Permit No. 6429-3 authorizes a storage dam with a storage capacity of approximately 1.0 acre feet of water. The dam may be filled from the well one or more times per year.
4. Pursuant to SDCL 46-5-6 which allows a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Permit No. 6429-3 authorize a maximum diversion rate of 0.67 cfs for the irrigation of 28 acres with an annual volume not to exceed 2 acre feet of water per acre per year.
5. 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
August 14, 2003

NOTE: This application has been processed for a well to be constructed into the Prairie Coteau Aquifer. If the Town of Goodwin constructs into the Altamont Aquifer which is approximately 700 feet deep at this location, a new water right permit will need to be obtained to correctly identify the water source. In addition, the ground water expert that reviewed the town's application concludes that it is unlikely the well as you propose to construct it will produce 300 gallons per minute.

The application stated this water right permit is also being submitted for future irrigation of a 28 acre golf course. Please be aware that once the water permit is obtained, the town has five years to complete construction of the project. After that time any undeveloped portion of the water permit becomes forfeited for non-construction.



**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 NEWSPAPER RIGHT AWAY.**

August 14, 2003

Town of Goodwin
% Ron Sherman
Box 71
Goodwin SD 57238

Dear Mr. Sherman:

Water Permit Application No. 6429-3 for fire protection and possible irrigation of golf course 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 Clear Lake Courier printed at Clear Lake, SD (Ph # 605-874-2499). 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

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

August 14, 2003

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

ATTENTION: Legal Public Notice

Enclosed is a Notice of Hearing on Application No. 6429-3 to Appropriate Water to be published twice. Please publish the first notice on August 20, 2003 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 Town of Goodwin, % Ron Sherman, Box 71, Goodwin SD 57238 (Ph # 605-795-3191).

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. 6429-3

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

Date _____

We are in receipt of your letter of August 14, 2003 enclosing Notice of Hearing to Appropriate Water by Application No. 6429-3 which was first published in our issue of _____. **ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.**

Name

Newspaper

Instruction to Newspaper - Publish first Notice on August 20, 2003 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6429-3 to Appropriate Water

Notice is given that the Town of Goodwin, Box 71, Goodwin SD 57238 has filed an application for a water permit to appropriate 0.67 cubic feet of water per second from one well (Prairie Coteau Aquifer) to fill a storage dam (approximately 1.0 acre feet) both located on the quarter line between the NE $\frac{1}{4}$ NW $\frac{1}{4}$ and the NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 8-T116N-R50W. The water will be used fire protection and future irrigation of 28 acres at the golf course located in the SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 5 and W $\frac{1}{2}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$ Section 8; all in T116N-R50W. The dam may also receive incidental surface runoff. Irrigation of the golf course may be directly from the well or the dam which is maintained using well water.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6429-3 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 September 8, 2003.

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.

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA
COUNTY OF DEUEL

The undersigned Gary DeJong being first duly sworn, on oath deposes and says:
That he is in charge of the advertising department of the Clear Lake Courier; which newspaper is published by Gary DeJong; that the Clear Lake Courier is a weekly newspaper printed and published in Clear Lake, Deuel County, South Dakota and the undersigned has full and personal knowledge of all facts hereinafter stated; that said newspaper is a legal newspaper and has a bona-fide circulation of at least two hundred copies weekly, and has been published within said County for fifty-two successive weeks 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

Town Of Goodwin

Notice

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

On Wednesday, August 20, 2003

On Wednesday, August 27, 2003

that the full amount of the fees for the publication of the annexed notice is **\$46.35**


Gary DeJong

Subscribed and sworn to before me this 22 day

of August, 2003


Notary Public, South Dakota
Shirley Denekamp

My Commission Expires: January 16, 2007

**NOTICE OF APPLICATION
NO. 6429-3 TO APPROPRIATE
WATER**

Notice is given that the Town of Goodwin, Box 71, Goodwin, SD 57238 has filed an application for a water permit to appropriate 0.67 cubic feet of water from one well (Prairie Coteau Aquifer) to fill a storage dam (approximately 1.0 acre feet) both located on the quarter line between the NE1/4NW1/4 and the NW1/4NE1/4 Section 8-T116N-R50W. The water will be used for fire protection and future irrigation of 28 acres at the golf course located in the SE1/4SW1/4, SW1/4SE1/4 Section 5 and W1/2NE1/4, E1/2 NW1/4 Section 8; all in T116N-R50W. The dam may also receive incidental surface runoff. Irrigation of the golf course may be directly from the well or the dam which is maintained using well water.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6429-3 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 September 8, 2003.

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.

Aug. 20 & 27

RECEIVED
AUG 28 2003
WATER RIGHTS
PROGRAM



OCT 10 2003

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

Town of Goodwin
% Ron Sherman
Box 71
Goodwin SD 57238

Dear Mr. Sherman:

Enclosed is Water Permit No. 6429-3 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

SOUTH DAKOTA WATER WELL COMPLETION REPORT

6429-3

07-12

Location 1/4 NE 1/4 Sec 8 Twp 115N Rg 50W
 County DEUEL
 North

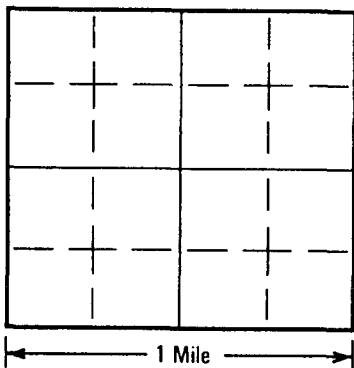
Please mark well location with an "X"

W

E

Well Completion Date

May 4, 2005



LOCATION:

Distance from nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)? 750 ft. from _____ (identify source).

PROPOSED USE:

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

METHOD OF DRILLING:

rotary

CASING DATA:

- ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
____ LB/FT	<u>5</u> IN	<u>0</u> FT	<u>538</u> FT	<u>8 3/4</u> IN
____ LB/FT	____ IN	____ FT	____ FT	____ IN
____ LB/FT	____ IN	____ FT	____ FT	____ IN

GROUTING DATA

Grout Type HS Bentonite No. of Sacks 45 Grout Weight 9.8 lb./gal From 0 ft. To 558 ft.
 _____ lb./gal _____ ft. _____ ft.

Describe grouting procedure _____

SCREEN:

- ☐ Perforated pipe ☒ Manufactured

Diameter 4" pipe size IN Length 20 FEET

Material stainless steel

Slot Size 18 Set From 538 Feet to 558 Feet

Other information _____

WAS A PACKER OR SEAL USED? ☒ YES ☐ NO

If so, what material? steel packer

Describe packer(s) and location? on top of leader

DISINFECTION: Was well disinfected upon completion?

☒ YES, How: granular

☐ NO, Why Not? _____

Laboratory sent to for water quality analysis _____

Well Owner: City of Goodwin

Business Name: _____

Address: 250 W Chicago
Goodwin SD

WELL LOG:

			DEPTH	
	FORMATION		FROM	TO
topsoil	blk	M	0	1
clay	yell	M	1	16
sand	yell	18slt	16	26
clay	brwn	M	26	74
clay	gry	M	74	174
clay/rocks	blu	M	174	242
clay	tan	M	242	281
clay	gry/blu	M	281	532
sand	blu	10-12slt	532	558

STATIC WATER LEVEL 200 Feet

If flowing: closed in pressure _____ PSI

GPM flow _____ through _____ inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other _____

Reduced Flowrate _____ GPM

Can well be completely shut in? _____

WELL TEST DATA:

☒ Pumped Describe: air

☐ Bailed _____

☐ Other _____

Pumping Level Below Land Surface

250 ft. After 6 Hrs. pumped 40-50 GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

This well was drilled under license # 463

And this report is true and accurate.

Drilling firm Steffl Drilling & Pump

Signature of License Representative: _____

Signature of Well Owner or Equitable Property Holder: _____

Date: _____

May 4, 2005

RECEIVED
 DEC - 1 2005
 WATER RIGHTS
 PROGRAM



Stearns DHIA Central Lab

825 12th Street South
PO Box 227
Sauk Centre, MN 56378-0227

Phone: 320.352.2028

800.369.2697

FAX: 320.352.6163

WEBSITE: www.stearnsdhialab.com

EMAIL: mail@stearnsdhialab.com

Date Printed: 05/10/05

SAMPLE NUMBER: 52924
SAMPLE TYPE: SD NEW WELL
SAMPLE ID: CITY OF GOODWIN
DATE PROCESSED: 05/10/05

INVOICE NUMBER: 862126
CUSTOMER NUMBER: STEFFLOR

STEFFL DRILLING AND PUMP
2295 66TH AV NE
WILLMAR, MN 56201

Results:

WATER ANALYSIS:

SODIUM, ppm	164.00
SULFATE, ppm	1360.00
CONDUCTIVITY, mmhos/cm	1.97
n.d. = Not Detected	

PROPERTY: CITY OF GOODWIN
DEUEL CO GOODWIN TWP SEC8

UNIQUE WELL NO:

NPDES PERMIT:

COLLECTION INFO:

DATE: 5-5-05
TIME: 5:00
BY: M.G.J.

TESTING INFO:

5-6-05
9:40
LAURIE PETERSON

TOTAL COLIFORMS, COLONIES/100 ML LESS THAN 1
PASS: XXX
FAIL:

GP NITRATE-NITROGEN, ppm LESS THAN 1
PASS: XXX
FAIL:

STATE OF MINNESOTA CERT. #027-145-378

MINNESOTA DEPARTMENT OF HEALTH STANDARDS FOR DRINKING WATER
COLIFORM, COLONIES/100 ML: LESS THAN 1
NITRATE-NITROGEN, ppm: 10 ppm OR LESS

This analysis is based solely on the sample provided.
Improper sampling techniques will result in misrepresentation of values.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

October 30, 2008

6429-3

Ron Sherman
Town of Goodwin
PO Box 71
Goodwin SD 57238-0071

Dear Mr. Sherman:

I am writing to acknowledge receipt of your 2008 irrigation questionnaire.

I am returning the form to you for completion. On the back side of the form, please include the pump rate, days per month water was applied and the average hours per day. In order for the questionnaire to be considered complete, these figures need to be included.

The information is important to us in calculating how much water was used from a specific source.

Please complete and return the form to us by **December 1, 2008.** Thank you in advance for your help. If you have any questions, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "Genny McMath".

Genny McMath
Environmental Scientist
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

enclosures



6429-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 16, 2015

NOTICE

TO: TOWN OF GOODWIN, MIKE FIEBER, PRESIDENT, PO BOX 21, GOODWIN, SD 57238
0021

FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2014 Irrigation Questionnaire(s)

Our records indicate your 2014 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 6429-3. The request for the Questionnaire was dated October 17, 2014. The Water Management Board has directed that owners of water permits who have not submitted the 2014 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 6429-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at **10:00 am, March 4, 2015** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 6429-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

The hearing is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the questionnaire(s) is (are) received in this office before the **March 4, 2015** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. If you prefer, you can complete the questionnaire online at the following link: <http://denr.sd.gov/iq.aspx>

NOTE: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

February 4, 2015

6429-3

Mike Fieber, President
Town of Goodwin
PO Box 21
Goodwin SD 57238 0021

Dear Mr. Fieber:

I am writing to acknowledge receipt of your 2014 irrigation questionnaire. You may disregard the January 16, 2015, "Notice" concerning reporting requirements for Water Permit No. 6429-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

The purpose for the information we obtain from irrigators each year is to find out how much water is used from a specific source. This is one of the tools we use to manage water resources in the state. Submission of the irrigation questionnaire is a requirement of your water permit. In order for the requirement to be met, the form must contain enough information for us to determine how much water was used.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 6429-3

I have this day, June 5, 2021, made a thorough examination of the water use system constructed by Town of Goodwin, Box 21, Goodwin, SD 57238 of Permit No. 6429-3, bearing the priority of July 9, 2003 authorizing the diversion of 0.67 cu. ft. per second and the storage of 1.0 acre-feet of the waters of the Prairie Coteau Aquifer for fire protection & irrigation purposes, in Deuel County.

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Steffl Drilling & Pump
- 2) No. of Wells 1
- 3) Depth(s) 558 feet
- 4) Well log is available Y

Casing:

- 1) Diameter 5 inches
- 2) Length 538 feet
- 3) Type Plastic

Screen:

- 1) Type Stainless steel
- 2) Length 20 feet
- 3) Static water level 200 feet

Pump:

- 1) Make NA
- 2) Model Submersible
- 3) Size NA
- 4) Capacity 300 GPM

Motor:

- 1) Make NA
- 2) Model No. NA
- 3) Horsepower rating NA hp

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

- 1) Type _____ 2) Size varies inches 3) Length _____ feet

Comments: Buried pipe system

C. Works used to apply water to beneficial use:

Impact sprinklers

Chemigation Equipment:

- 1) Does chemigate N

D. 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

E. Condition and Location:

1. The system is in good condition with the point(s) of diversion located as follows: From the NW corner of Sec 8 T116N-R50W, 230 ft S & 2530 ft E, Lat 44.87637 Long -96.85501 (NE ¼ NW ¼ Sec 8)
2. The works are capable of diverting and conveying to the place of use 0.67 cu. ft. per second of water and storing 1.0 acre-feet of water which is to be used for fire protection & irrigation. Water has been put to beneficial use to the maximum extent as follows:

legal description/acreage (Whole Golf Course)

legal description/acreage

Sec 8-T116N-R50W

NE NW - 17 acres

SE NW - 6 acres

Sec 5-T116N-R50W

SE SW - 1 acre

SW SE - 1 acre

Appears that much of the 25-ac course is being irrigated but according to their submitted Irrigation Questionnaire, 13 acres are actually being irrigated.

comprising a total of 25 acres of land and the license should be issued for 0.67 cfs and 1.0 acre-feet of storage.

3. All structures, wells and lands on map Y

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

Well water is currently being pumped and stored in the adjacent dugout which in turn is used to water the golf course. The course looked to be in pretty good shape during the site visit.

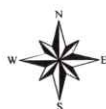
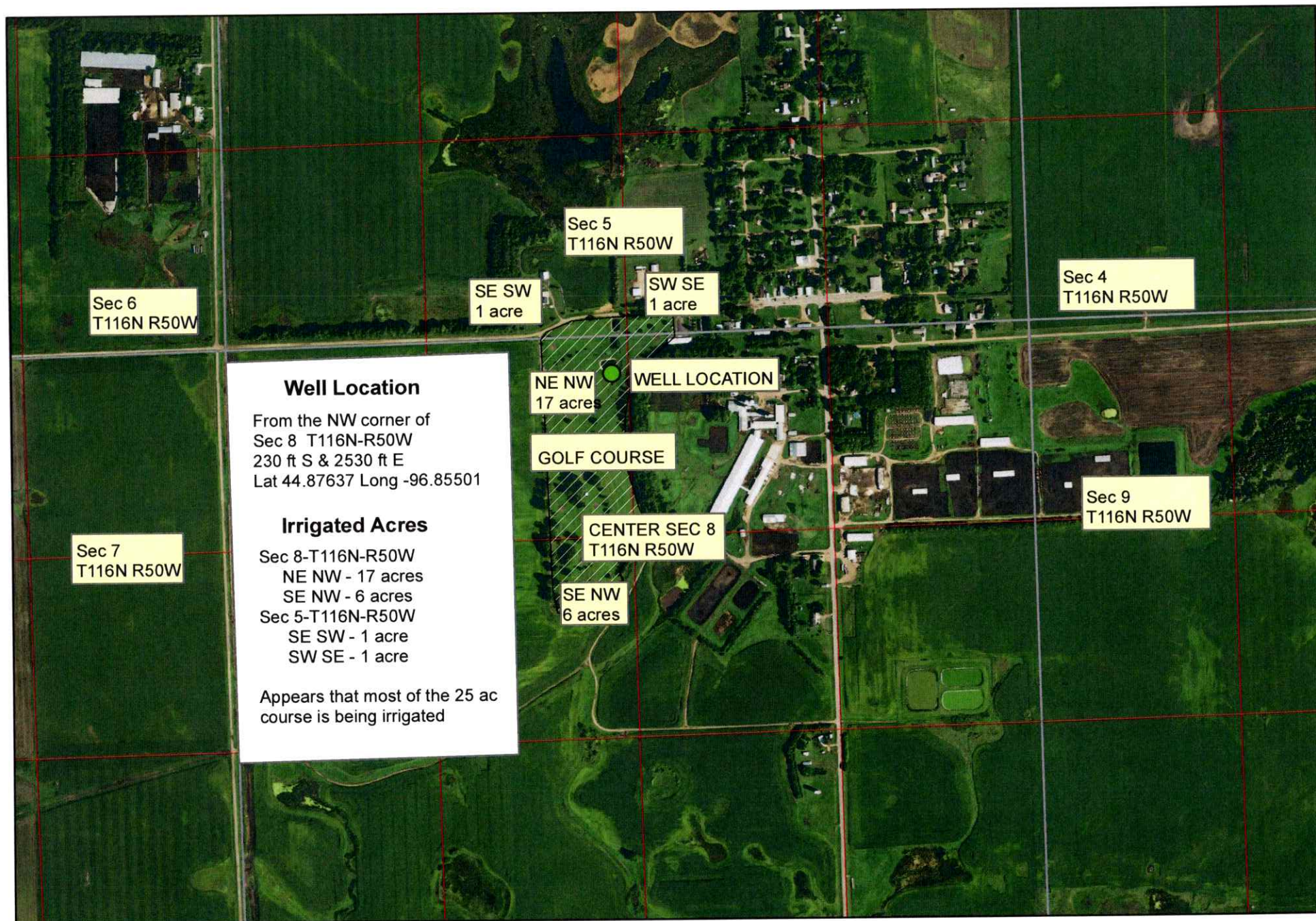
Mr Pete Fieber (605/881-6480) is the contact person for the watering system. His brother, Michael Fieber (605/881-2804) is the respondent for the annual Irrigation Questionnaire and requested the Irrigation Questionnaire documentation be used to document the pump discharge rate.

The golf course area was determined with the use of an FSA map and the ArcMap software.



Darrell W DeBoer
Water Rights Inspector
DANR, Water Rights Program

Date report completed: **July 1, 2021**



0 0.1 0.2 0.4 0.6 0.8 Miles



Darrell DeBoer
 Water Right Inspector
 DNR-Water Rights Program



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

6429-3

JUL 08 2021

Mike Fieber
Town of Goodwin
PO Box 21
Goodwin SD 57238-0021

Dear Sirs:

Enclosed is Water License No. 6429-3. 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 in the future, the owner of an existing well, 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, State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

Eric Gronlund, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

**STATE OF SOUTH DAKOTA
WATER LICENSE NO. 6429-3**

(1) The Town of Goodwin, PO Box 21, Goodwin SD 57238 made Application No. 6429-3, June 9, 2003 for a water permit to divert 0.67 cubic feet of water per second from ground water, one well (Prairie Coteau Aquifer), Deuel County, South Dakota for irrigation purposes. Permit No. 6429-3, with a priority date of June 9, 2003 was approved September 8, 2003 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before September 8, 2008 and for the application to beneficial use of water on or before September 8, 2012.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the water supply system and is entitled to divert 0.67 cubic feet of water per second for beneficial use. The location of the diversion point is as follows:

- 230' S and 2,530' E of the NW corner of Section 8, T116N, R50W (NE ¼ NW ¼ Sec 8)
Latitude 44.87637, Longitude -96.85501

Well water is pumped to an adjacent storage dam (approximately 1.0 acre foot) and then pumped onto the golf course for irrigation. Irrigation of the golf course may be directly from the well or the dam.

(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 8, T116N, R50W		Section 5, T116N, R50W	
NE ¼ NW ¼	17 acres	SE ¼ SW ¼	1 acre
SE ¼ NW ¼	6 acres	SW ¼ SE ¼	1 acre
Total 25 acres			

(4) Pursuant to South Dakota Water Law 46-5-30.1 the Town of Goodwin, PO Box 21, Goodwin SD 57238 the holder and/or owner of Water Right No. 6429-3 is issued a license to appropriate water, the right to use 0.67 cubic feet of water per second from ground water, one well (Prairie Coteau Aquifer) with a priority date of June 9, 2003 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. 6429-3 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 water right 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.
- The well authorized by Permit No. 6429-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with the Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28. ***The well was drilled in May, 2005 by Steffl Drilling & Pump. A copy of the well completion report is on file with the Water Rights Program.***

- Water Right No. 6429-3 authorizes a storage dam with a capacity of approximately 1.0 acre foot of water. The dam may be filled from the well one or more times per year.
- Pursuant to SDCL 46-5-6 which allows a greater diversion rate if the method of irrigation, time constraints, or type of soils so requires, Water Right No. 6429-3 authorizes a maximum diversion rate of 0.67 cfs for the irrigation of 25 acres with an annual volume not to exceed 2 acre feet of water per acre per year. *The acreage was reduced from 28 to 25 acres based on the acreage developed.*
- This Water Right is approved subject to the irrigation water use questionnaire being submitted each year.


Eric Gronlund, Chief Engineer
Water Rights Program
Department of Agriculture and Natural Resources

JUL 08 2021

date

