

WATER PERMIT NO. 6470-3

Name of Applicant: **Doug Peterson**

Address: **36676 270th St, Platte SD 57369**

Phone: **605 337-3092**

Amount of Water Claimed: **0.11 cfs**

Total Acres: **NA**

Source of Water Supply: **groundwater**

Water to be used for: **commercial**

County: **Charles Mix**

Type of Waste Disposal System:

Location: **7 miles north of Platte**

PRIORITY

Date Received: **2-17-04**

Application/License Fee: **\$200**

Corrected Application Received:

Period of Annual Use: **Jan 1 – Dec 31**

Remarks: **beef feedlot operation**

Diversion Point: **SE ¼ SE ¼ Sec 12-T100N-R68W**

Land to be Irrigated:

Depth of Well: **1068 feet deep**

Well Driller: : **Pullman Well Drilling**

Remarks:

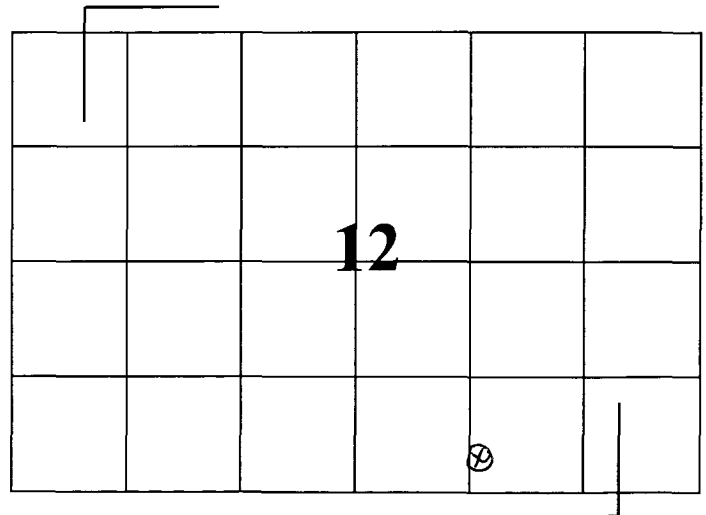
Type of Map: **topo**

Prepared by: **Gregory G Grabs, RLS**

Reviewed and the Number Assigned on: **2-23-04**

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____



Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>6470-3</u> (office use only) Hydrologic Unit <u>10140101</u>
	Basin <u>Missouri River</u>
	Newspaper <u>Platte Enterprise, Platte</u>

RECEIVED
FEB 17 2004
WATER RIGHTS
PROGRAM

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

Check use(s) of water:

- | | | | |
|---|---|--|--|
| ☐ Municipal | ☐ Suburban Housing | ☐ Recreational | ☐ Institutional |
| ☐ Rural Water System | ☐ Commercial | ☐ Fish & Wildlife | ☐ Geothermal Heat |
| ☐ Domestic (over 18 gpm) | ☐ Industrial | ☒ Other <u>Livestock</u> | |

Type of Application: (check one)

- ☒ New ☐ Vested Right (Use predates Mar 2, 1955) ☐ Future Use Reservation
☐ Place to Beneficial Use Water Reserved by Future Use Permit No. _____
☐ Amendment/Correction to Permit No. _____

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

- Name of Applicant Doug Peterson Phone (605) 337-3092
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address 36676 270th Street Platte State SD 57369
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 0.11 *CFS or 50 **GPM ***AF
(*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 Charles Mix
SE 1/4, SE 1/4, Section 12 - T 12 N - R 68 W
SW 100
- County or counties where water will be used Charles Mix
- Annual period during which water is to be used Year around Jan 1 - Dec 31
- Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

Application for existing well to serve 3,000 head beef feedlot

STATE OF SOUTH DAKOTA)

County of Charles Mix SS

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, Douglas Peterson, 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 Douglas M. Peterson

Subscribed and sworn to before me this 11th day of February 2004

Noreen H. Kimball

Notary Public signature Expires: 2/18/07

**SOUTH DAKOTA
WATER PERMIT NO. 6470-3**

Date of first receipt of application February 17, 2004.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6470-3 to Doug Peterson, 36676 270th St, Platte SD 57369 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. 6470-3 appropriates 0.11 cubic feet of water per second from one well (Dakota Formation) 1068 feet deep located in the SW ¼ SE ¼ Section 12-T100N-R68W.
2. The water appropriated shall be used for the purpose of commercial use in a cattle feedlot operation and may not exceed the amount of water needed for beneficial use.
3. The water is to be used during the following described annual period: January 1 – December 31.
4. The date of approval of Permit No. 6470-3 is April 19, 2004.
5. The date from which applicant may claim right is February 17, 2004.
6. One-fifth of the construction is to be completed on or before October 19, 2006.
7. All construction is to be completed on or before April 19, 2009.
8. Water is to be put to beneficial use on or before April 19, 2013.
9. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The 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. Permit No. 6470-3 is subject to compliance with requirements of the Department's Water Pollution Control Permit issued pursuant to SDCL 34A-2-36 or 34A-2-112 for concentrated animal feeding operations.
3. Permit No. 6470-3 is subject to compliance with all existing and applicable Water Management Board Rules including but not limited to:
 - a) Chapter 74:54:01 Ground Water Quality Standards,
 - b) Chapter 74:54:02 Ground Water Discharge Permit,
 - c) Chapter 74:51:01 Surface Water Quality Standards,
 - d) Chapter 74:51:02 Uses Assigned to Lakes,
 - e) Chapter 74:51:03 Uses Assigned to Streams, and
 - f) Chapter 74:52:01 through 74:52:11 Surface Water Discharge Provisions.

WATER MANAGEMENT BOARD

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

APR 30 2004

date



(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 7.88" Depth 1068'
- b) Casing Type Plastic Diameter 5" and 2" Thickness
- c) Screen Type PVC Diameter 2.5" Thickness
- d) Gravel Pack Length of Gravel Pack
- e) Depth to Top of Water Bearing Material
- f) Depth to Water (ground surface to water level) Static water level 60'
- g) Distance to nearest existing domestic well:
On applicants property On property owned by others > 1 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

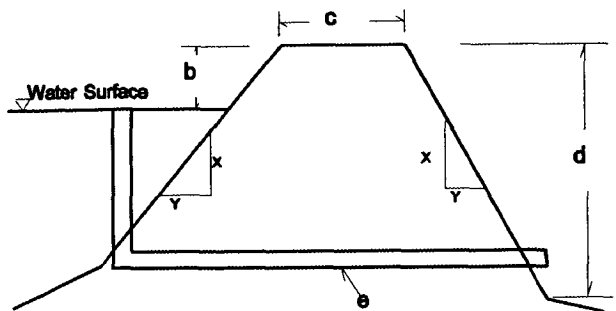
3. Dugout Information

- 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

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date FEBRUARY 27 17, 2004

RECEIVED OF Peterson Farm Inc., 36676 270th St., Platte SD 57369

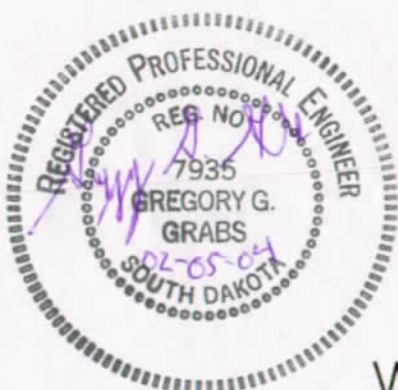
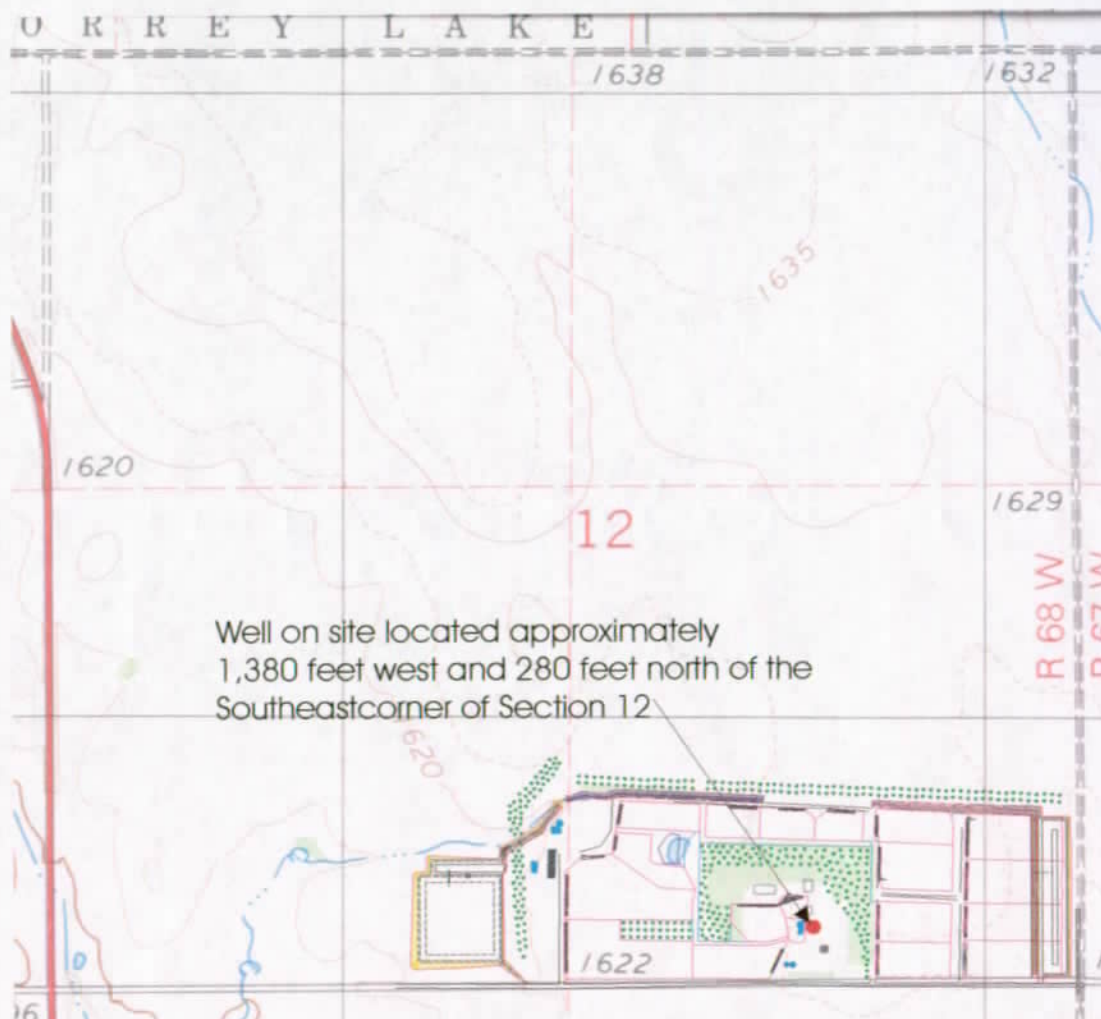
The following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>6470-3</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. <u>6470-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	200.00

No.

001194

By Darland Erbe
Chief Engineer gm



USGS Quadrangle Maps:
Platte

Doug Peterson Well Location Map

SE 1/4, Section 12, Township 100 North, Range 68 West
Charles Mix County, South Dakota



**DeHaan, Grabs
& Associates, LLC**
Consulting Engineers

PO Box 522, Mandan, ND 58554
(701) 663-1116, FAX: (701) 667-1356

Revision	
Date: February 4, 2004	Date:
Scale: 1" = 1000'	Scale:
Drawn By: NAP	Drawn By:
Checked By: GGG	Checked By:
Page: 1	Page:
File Name: C:/Project Files/Beef/Doug Peterson/Corel Draw/1 mile	

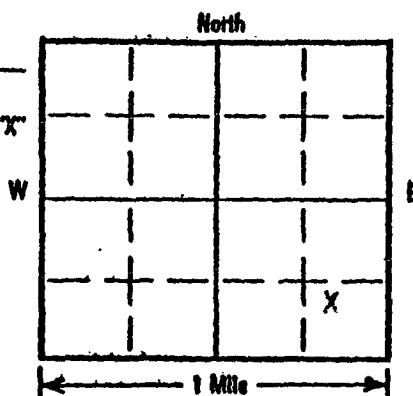
6470-3

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SE 1/4 5E 1/4 Sec 12 Twp 100 Rg 68County Charles mix

Please mark well location with an "X"

Well Completion Date 12-9-92

LOCATION:

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

PROPOSED USE:

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

METHOD OF DRILLING:

Forward Rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT <u>5</u>	IN <u>5</u>	FT <u>0</u>	FT <u>300</u>	IN <u>7 1/2</u>
LB/FT <u>2</u>	IN <u>2</u>	FT <u>300</u>	FT <u>986</u>	IN <u>4 1/2</u>
LB/FT _____	IN _____	FT _____	FT _____	IN _____

GROUTING DATA

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

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 2 1/2 IN Length 80 FEETMaterial 6-56Slot Size 0.16 Set From 986 Feet to 1068 Feet

Other information _____

Well Owner: Doug Peterson

Business Name: _____

Address: RR2 Box 90Phile, SD 57349

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Yellow Clay</u>	<u>0</u>	<u>43</u>
<u>Shale</u>	<u>43</u>	<u>200</u>
<u>Chalk</u>	<u>200</u>	<u>640</u>
<u>Shale</u>	<u>640</u>	<u>753</u>
<u>Hard Sand</u>	<u>753</u>	<u>760</u>
<u>Shale</u>	<u>760</u>	<u>761</u>
<u>Good & Fair Sand</u>	<u>761</u>	<u>800</u>
<u>Shale w/ good streaks</u>	<u>800</u>	<u>840</u>
<u>Shale</u>	<u>840</u>	<u>851</u>
<u>Good Open Sand</u>	<u>851</u>	<u>855</u>
<u>Shale</u>	<u>855</u>	<u>888</u>
<u>Good Sand</u>	<u>888</u>	<u>890</u>
<u>Shale w/ hard sand</u>	<u>890</u>	<u>980</u>
<u>Good Sand</u>	<u>980</u>	<u>1030</u>
<u>Fair Sand</u>	<u>1030</u>	<u>1040</u>
<u>Good Sand</u>	<u>1040</u>	<u>1068'</u>

STATIC WATER LEVEL 60 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: 100 yd m.
☐ Bailed air compressor
☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

26 will install sub.

Pullman Well Drilling

Gronlund, Eric

From: Gronlund, Eric
Sent: Tuesday, February 24, 2004 9:04 AM
To: 'nathanpdga@btinet.net'
Subject: Doug Peterson application north of Platte South Dakota

Nathan - DeHaan Grabs & Associates appears to have helped with the water permit application for Doug Peterson's cattle facility north of Platte. The application states the well is located in the SE 1/4 SE 1/4 Section 12, T12N, R68W. Two things:

1. I believe the township is T100N. This is consistent with the legal description for this area and also consistent with what is on the map signed by Mr. Grabs. I'm assuming the "T12N" was just a typo.
2. The application states the well is in the SE 1/4 SE 1/4 of the section. The map prepared by Mr. Grabs states the well is 1,380 feet west and 280 feet north of the SE corner of Section 12. This would actually have the well being located in the quarter-quarter described as the SW 1/4 SE 1/4 of the section. Do you concur?

Nathan, I sent you this because I have your e-mail address. If there is someone else in your office that has handled Mr. Peterson's application, please forward this to them. If I should be contacting Mr. Peterson directly for clarification, please let me know.

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

3/2/2004

Gronlund, Eric

From: Nathan Pesta [nathanpdga@btinet.net]
Sent: Tuesday, March 02, 2004 3:28 PM
To: Eric.Gronlund@state.sd.us
Subject: Re: Doug Peterson application north of Platte South Dakota

Eric, sorry about the delay I seldom get emails so it has been a while since I have checked it.

You are correct in the mistakes that you found. It should say the well is located in the SE 1/4, SW1/4, Section 12, T 100 N, R 68 W. Is this this what you need to finish reviewing the application?

Nathan Pesta
Project Engineer
DeHaan, Grabs & Associates, LLC

REPORT ON WATER PERMIT APPLICATION NO. 6470-3

For Doug Peterson

March 15, 2004

Application No. 6470-3 proposes to appropriate 0.11 cfs (50 gpm) from one well approximately 1068 feet deep located in the SE ¼ SE ¼ of section 12, T1100N R68W in Charles Mix County. The water is for commercial use in a cattle feedlot operation.

AQUIFER – DAKOTA FORMATION (DKOT)

The Dakota Formation is a buried sand, sandstone and shale that is under artesian conditions at this site. The aquifer underlies 1,134 square miles and contains an estimated 14.15 million acre-feet of recoverable water in storage in Charles Mix County (Hedges, 1982). The aquifer extends into Brule County to the north, Aurora and Douglas Counties to the east, and Lyman and Gregory Counties to the west. The general direction of ground water movement is from northwest to southeast across the area of this application (Kume, 1977). Discharge from the Dakota aquifer has occurred mainly from flowing wells either completely uncontrolled or simply not controlled both of which result in a large volume of water being wasted.

The well log filed with this application indicates the top of the Dakota probably at about 753 feet and extending to a depth of about 1068 feet below land surface. The completed well was capable of producing 100 gpm using air to develop and had a static water level of about 60 feet below land surface. This well is completed in the "slim hole" manner and although acceptable under the SD Well Construction Standards for domestic use would not be appropriate for this permit application.

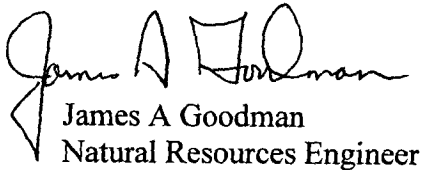
The Water Rights Program does monitor an observation well AU-89A completed into the Dakota Formation and located about 16 miles northeast of this application. Water levels for this observation well have declined about 8 feet since the well was drilled or at a rate of about ½ foot per year. A hydrograph for this observation well is included with this report (Water Rights, 2004). In general, water levels in the Dakota Formation have been declining since the first wells were completed into the aquifer. The main reason is the large number of free-flowing and uncontrolled flowing well which are allowed to discharge to waste.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

The nearest existing water right/permit is located about six miles to the south. Both the existing permit and this application are for livestock feedlots and are for relatively small rates of water. Interference is not expected to be a problem. At the distance between wells and the permitted pumping rates drawdown should not be a concern.

CONCLUSIONS

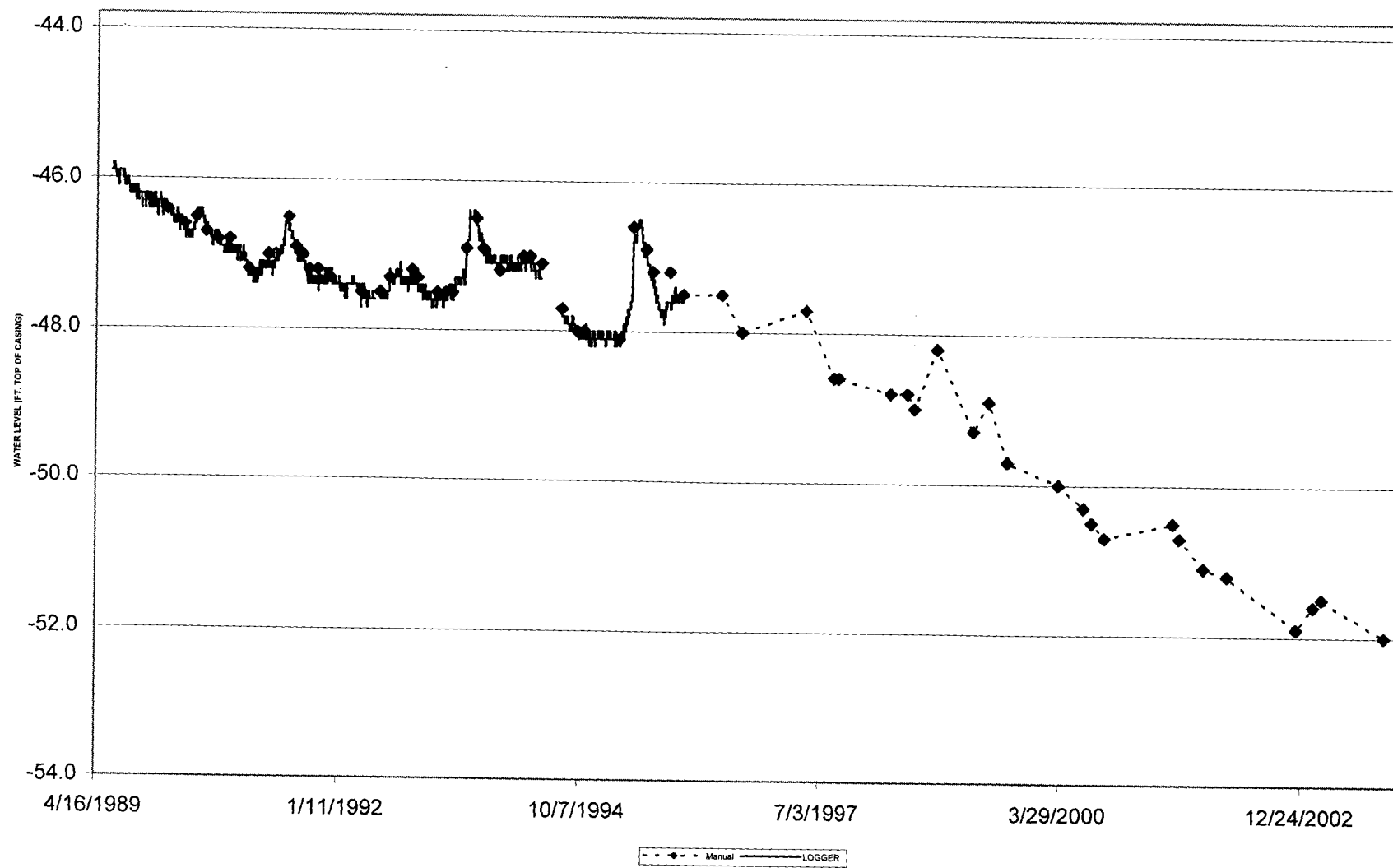
1. Water is available from the Dakota Formation.
2. The aquifer is under artesian conditions. The well does not free flow at this site and is a pumped well. Drawdown is not expected to be significant. Interference is not a concern.
3. This well is constructed in accordance with "slim hole" criteria and would not meet present day standards for a permitted use. But this is an existing well and was completed in 1992.
4. This facility has submitted plans and specifications to the department and the plans are under review at this time.


James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

- Kume, J., 1977, Geology and Water Resources of Charles Mix and Douglas Counties, South Dakota, Part II : Water Resources, SD DENR, SDGS, Vermillion, SD, 57069.
- Hedges, L.S., and others, 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, 2004, Unpublished Observation Well Data for the Dakota Formation, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

WATER RIGHTS' OBSERVATION WELL
AU-89A





**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. 6470-3, Doug Peterson**

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. 6470-3, Doug Peterson, 36676 270th Street, Platte SD 57369.

The Chief Engineer is recommending APPROVAL of Application No. 6470-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion has been 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.
3. Permit No. 6470-3 is subject to compliance with requirements of the Department's Water Pollution Control Permit issued pursuant to SDCL 34A-2-36 or 34A-2-112 for concentrated animal feeding operations.
4. Permit No. 6470-3 is subject to compliance with all existing and applicable Water Management Board Rules including but not limited to:
 - a) Chapter 74:54:01 Ground Water Quality Standards,
 - b) Chapter 74:54:02 Ground Water Discharge Permit,
 - c) Chapter 74:51:01 Surface Water Quality Standards,
 - d) Chapter 74:51:02 Uses Assigned to Lakes,
 - e) Chapter 74:51:03 Uses Assigned to Streams, and
 - f) Chapter 74:52:01 through 74:52:11 Surface Water Discharge Provisions.

See report on application for additional information.

Garland Erbele, Chief Engineer
March 19, 2004

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) SS

County of Charles Mix

I, Sharon Huizenga

certify that the attached printed Notice was taken

from the The Platte

Enterprise

printed and published in Platte

County of Charles Mix and

state of South Dakota. The notice was published

in the newspaper on the following two dates:

April 1

April 8

Cost of Printing #35.48

Sharon Huizenga
(Signature)

Owner/Publisher
(Title)

4-14-04
(Date Signed)

Charles Mix Co., South Dakota
Thursday, April 8, 2004

NOTICE OF APPLICATION

NO. 6470-3 to Appropriate Water.

Notice is given that Doug Peterson, 36676 270th St., Platte, SD 57369 has filed an application for a water permit to appropriate 0.11 cubic feet of water per second from one well (Dakota Formation) 1068 feet deep located in the SW1/4SE 1/4 Section 12-T100N-R68W. The water is for commercial use in a cattle feedlot operation.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6470-3 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 April 19, 2004.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights program address to request copies of information pertaining to this application.

Steven M. Pirner
Secretary, Department of
Environment and Natural Resources
(April 1, 8)

RECEIVED

APR 15 2004

WATER RIGHTS
PROGRAM

Permit No. 6470-3
Missouri 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, August 23, 2004, made a thorough examination of the water use system constructed by Doug Peterson of 36676 270th Street, Platte SD 57369 holder of Permit No. 6470-3, bearing the priority of February 17, 2004 authorizing the diversion of 0.11 cu. ft. per second of the waters of ground water (Dakota Formation) for commercial purposes, in Charles Mix County.

Inspection contact & relationship to permit holder, if applicable: **Doug Peterson, owner**

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Pullman Drilling
- 2) No. of Wells 1
- 3) Depth(s) 1,068 feet
- 4) Well log is available Y

Casing:

- 1) Length/Diam. 300 ft (5 in.) & 688 ft (2 in.)
- 2) Type Plastic

Screen:

- 1) Type PVC
- 2) Length 80 feet
- 3) Static water level 60 feet

Motor/Pump:

- 1) Make submersible
- 2) Size 1.5 hp
- 3) Capacity 50 GPM

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

Water is diverted from the well via a distribution system to a 3,000 head cattle feedlot.

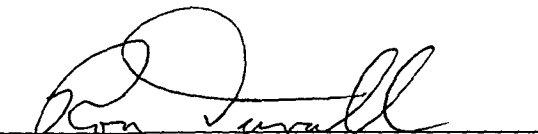
C. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by Y
- 2) Exceptions to compliance are: none

The system is in good condition with the point of diversion located as follows: Well: 280 feet N and 1,380 feet W from the SE corner section 12-T100N-R68W (SW $\frac{1}{4}$ SE $\frac{1}{4}$; Latitude 43.48688, Longitude -98.83066.) The works are capable of diverting and conveying to the place of use 0.11 cu. ft. per second of water which is to be used for commercial use for a livestock feedlot. Water has been put to beneficial use to the maximum extent and the license should be issued for 0.11 cfs.

All structures, wells and lands on map Y

| Comments or other permit(s) associated with the project: none



Ron Duvall
Natural Resources Engineer
DENR, Water Rights Program

Date report completed: September 7, 2004

Scale: 1 inch equals 512 feet

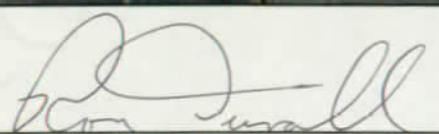
720

Feet



South Dakota
Department of Environment
& Natural Resources
Water Rights

Completed by:


Ron Duvall, Natural Resources Engineer
Water Rights Program

Diversion point(s) located using GeoExplorer II GPS

Date: Sep 7, 2004

Water Right No. 6470-3



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

NOV 30 2004

6470-3

Doug Peterson
36676 270th St
Platte SD 57369

Dear Mr. Peterson:

Enclosed is Water License No. 6470-3. This is the final water right document completing your process of obtaining a Water Right. Also enclosed is a map prepared by the staff engineer who conducted the 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. 6470-3, 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

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6470-3

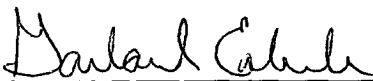
(1) Doug Peterson, 36676 270th St, Platte SD 57369 made Application No. 6470-3, February 17, 2004 for a water permit to divert 0.11 cubic feet of water per second from ground water (one well – Dakota formation), Charles Mix County, South Dakota for commercial purposes. Permit No. 6470-3, with a priority date of February 17, 2004 was approved April 19, 2004 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before April 19, 2009 and for the application to beneficial use of water on or before April 19, 2013.

(2) The water supply system has been completed and water applied to beneficial use in accordance with South Dakota State Law. Pursuant to South Dakota Codified Law 46-5-30.1, Doug Peterson the holder and/or owner of Water Right No. 6470-3 is issued a license, bearing a priority date of February 17, 2004 to appropriate 0.11 cubic feet of water per second (50 gallons per minute) from ground water (one well – Dakota formation). The water is used for commercial purposes in a cattle feedlot operation.

The diversion point is located 280 feet N & 1,380 feet W of the SE corner of Section 12, T100N, R68W (SW ¼ SE ¼)

(3) This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Permit No. 6470-3 including the following qualifications:

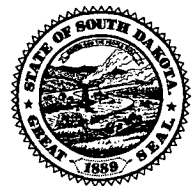
- The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
- Permit No. 6470-3 is subject to compliance with requirements of the Department's Water Pollution Control Permit issued pursuant to SDCL 34A-2-36 or 34A-2-112 for concentrated animal feeding operations.
- Permit No. 6470-3 is subject to compliance with all existing and applicable Water Management Board Rules including but not limited to:
 - a) Chapter 74:54:01 Ground Water Quality Standards,
 - b) Chapter 74:54:02 Ground Water Discharge Permit,
 - c) Chapter 74:51:01 Surface Water Quality Standards,
 - d) Chapter 74:51:02 Uses Assigned to Lakes,
 - e) Chapter 74:51:03 Uses Assigned to Streams, and
 - f) Chapter 74:52:01 through 74:52:11 Surface Water Discharge Provisions.

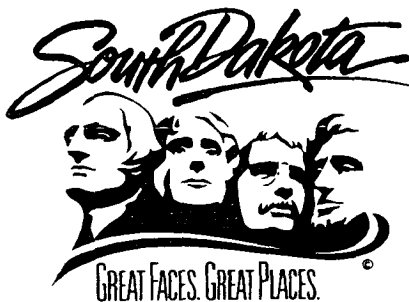


Garland Erbe, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

NOV 30 2004

date





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182

www.state.sd.us/denr

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

March 22, 2004

Doug Peterson
36676 270th Street
Platte SD 57369

Dear Mr. Peterson:

Water Permit Application No. 6470-3 for commercial 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 Platte Enterprise printed at Platte, SD (Ph # 605-337-3101). 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

c: Nathan Pesta, DeHaan, Grabs & Associates LLC, PO Box 522, Mandan ND 58554

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

March 22, 2004

Platte Enterprise
PO Box 546
Platte, SD 57369-0546

ATTENTION: Legal Public Notice

Enclosed is a Notice of Hearing on Application No. 6470-3 to Appropriate Water to be published twice. Please publish the first notice on April 1, 2004 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Doug Peterson, 36676 270th Street, Platte SD (Ph # 605-337-3092).

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. 6470-3

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

Date _____

We are in receipt of your letter of March 22, 2004 enclosing Notice of Hearing to Appropriate Water by Application No. 6470-3 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 April 1, 2004 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6470-3 to Appropriate Water

Notice is given that Doug Peterson, 36676 270th St, Platte SD 57369 has filed an application for a water permit to appropriate 0.11 cubic feet of water per second from one well (Dakota Formation) 1068 feet deep located in the SW ¼ SE ¼ Section 12-T100N-R68W. The water is for commercial use in a cattle feedlot operation.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6470-3 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 April 19, 2004.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.



APR 30 2004

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

Doug Peterson
36676 270th St
Platte SD 57369

Dear Mr. Peterson:

Enclosed is Water Permit No. 6470-3 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

WATER PERMIT NO. 6470-3

Name of Applicant: **Doug Peterson**

Address: **36676 270th St, Platte SD 57369**

Phone: **605 337-3092**

Amount of Water Claimed: **0.11 cfs**

Total Acres: **NA**

Source of Water Supply: **groundwater**

Water to be used for: **commercial**

County: **Charles Mix**

Type of Waste Disposal System:

Location: **7 miles north of Platte**

PRIORITY

Date Received: **2-17-04**

Application/License Fee: **\$200**

Corrected Application Received:

Period of Annual Use: **Jan 1 – Dec 31**

Remarks: **beef feedlot operation**

Diversion Point: **SE ¼ SE ¼ Sec 12-T100N-R68W**

Land to be Irrigated:

Depth of Well: **1068 feet deep**

Well Driller: : **Pullman Well Drilling**

Remarks:

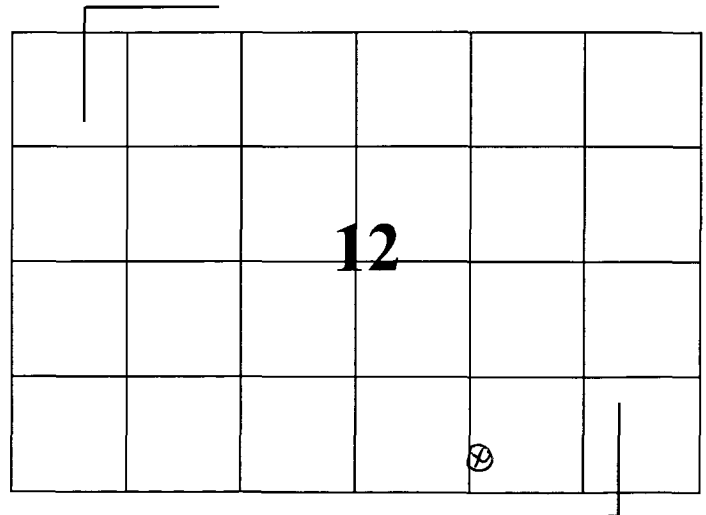
Type of Map: **topo**

Prepared by: **Gregory G Grabs, RLS**

Reviewed and the Number Assigned on: **2-23-04**

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____



Mail to: Water Rights Program Joe Foss Building 523 E. Capitol Pierre, SD 57501-3181 (605) 773-3352	No. <u>6470-3</u> (office use only) Hydrologic Unit <u>10140101</u>
	Basin <u>Missouri River</u>
	Newspaper <u>Platte Enterprise, Platte</u>

RECEIVED
FEB 17 2004
WATER RIGHTS
PROGRAM

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

Check use(s) of water:

- | | | | |
|---|---|--|--|
| ☐ Municipal | ☐ Suburban Housing | ☐ Recreational | ☐ Institutional |
| ☐ Rural Water System | ☐ Commercial | ☐ Fish & Wildlife | ☐ Geothermal Heat |
| ☐ Domestic (over 18 gpm) | ☐ Industrial | ☒ Other <u>Livestock</u> | |

Type of Application: (check one)

- ☒ New ☐ Vested Right (Use predates Mar 2, 1955) ☐ Future Use Reservation
☐ Place to Beneficial Use Water Reserved by Future Use Permit No. _____
☐ Amendment/Correction to Permit No. _____

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

- Name of Applicant Doug Peterson Phone (605) 337-3092
(check one) ☒ Owner ☐ Tenant/lessee
Mailing Address 36676 270th Street Platte State SD 57369
(Street, RR, or Box and City) (Zip Code)
- Amount of water claimed 0.11 *CFS or 50 **GPM ***AF
(*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 Charles Mix
SE 1/4, SE 1/4, Section 12 - T 12 N - R 68 W
SW 100
- County or counties where water will be used Charles Mix
- Annual period during which water is to be used Year around Jan 1 - Dec 31
- Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

Application for existing well to serve 3,000 head beef feedlot

STATE OF SOUTH DAKOTA)

County of Charles Mix SS

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, Douglas Peterson, 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 Douglas M. Peterson

Subscribed and sworn to before me this 11th day of February 2004

Noreen H. Kimball

Notary Public signature Expires: 2/18/07

**SOUTH DAKOTA
WATER PERMIT NO. 6470-3**

Date of first receipt of application February 17, 2004.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 6470-3 to Doug Peterson, 36676 270th St, Platte SD 57369 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. 6470-3 appropriates 0.11 cubic feet of water per second from one well (Dakota Formation) 1068 feet deep located in the SW ¼ SE ¼ Section 12-T100N-R68W.
2. The water appropriated shall be used for the purpose of commercial use in a cattle feedlot operation and may not exceed the amount of water needed for beneficial use.
3. The water is to be used during the following described annual period: January 1 – December 31.
4. The date of approval of Permit No. 6470-3 is April 19, 2004.
5. The date from which applicant may claim right is February 17, 2004.
6. One-fifth of the construction is to be completed on or before October 19, 2006.
7. All construction is to be completed on or before April 19, 2009.
8. Water is to be put to beneficial use on or before April 19, 2013.
9. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The 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. Permit No. 6470-3 is subject to compliance with requirements of the Department's Water Pollution Control Permit issued pursuant to SDCL 34A-2-36 or 34A-2-112 for concentrated animal feeding operations.
3. Permit No. 6470-3 is subject to compliance with all existing and applicable Water Management Board Rules including but not limited to:
 - a) Chapter 74:54:01 Ground Water Quality Standards,
 - b) Chapter 74:54:02 Ground Water Discharge Permit,
 - c) Chapter 74:51:01 Surface Water Quality Standards,
 - d) Chapter 74:51:02 Uses Assigned to Lakes,
 - e) Chapter 74:51:03 Uses Assigned to Streams, and
 - f) Chapter 74:52:01 through 74:52:11 Surface Water Discharge Provisions.

WATER MANAGEMENT BOARD

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

APR 30 2004

date



(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 7.88" Depth 1068'
- b) Casing Type Plastic Diameter 5" and 2" Thickness
- c) Screen Type PVC Diameter 2.5" Thickness
- d) Gravel Pack Length of Gravel Pack
- e) Depth to Top of Water Bearing Material
- f) Depth to Water (ground surface to water level) Static water level 60'
- g) Distance to nearest existing domestic well:
On applicants property On property owned by others > 1 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

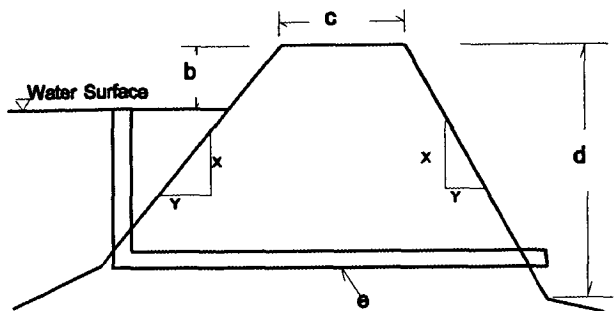
3. Dugout Information

- 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

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date FEBRUARY 27 17, 2004

RECEIVED OF Peterson Farm Inc., 36676 270th St., Platte SD 57369

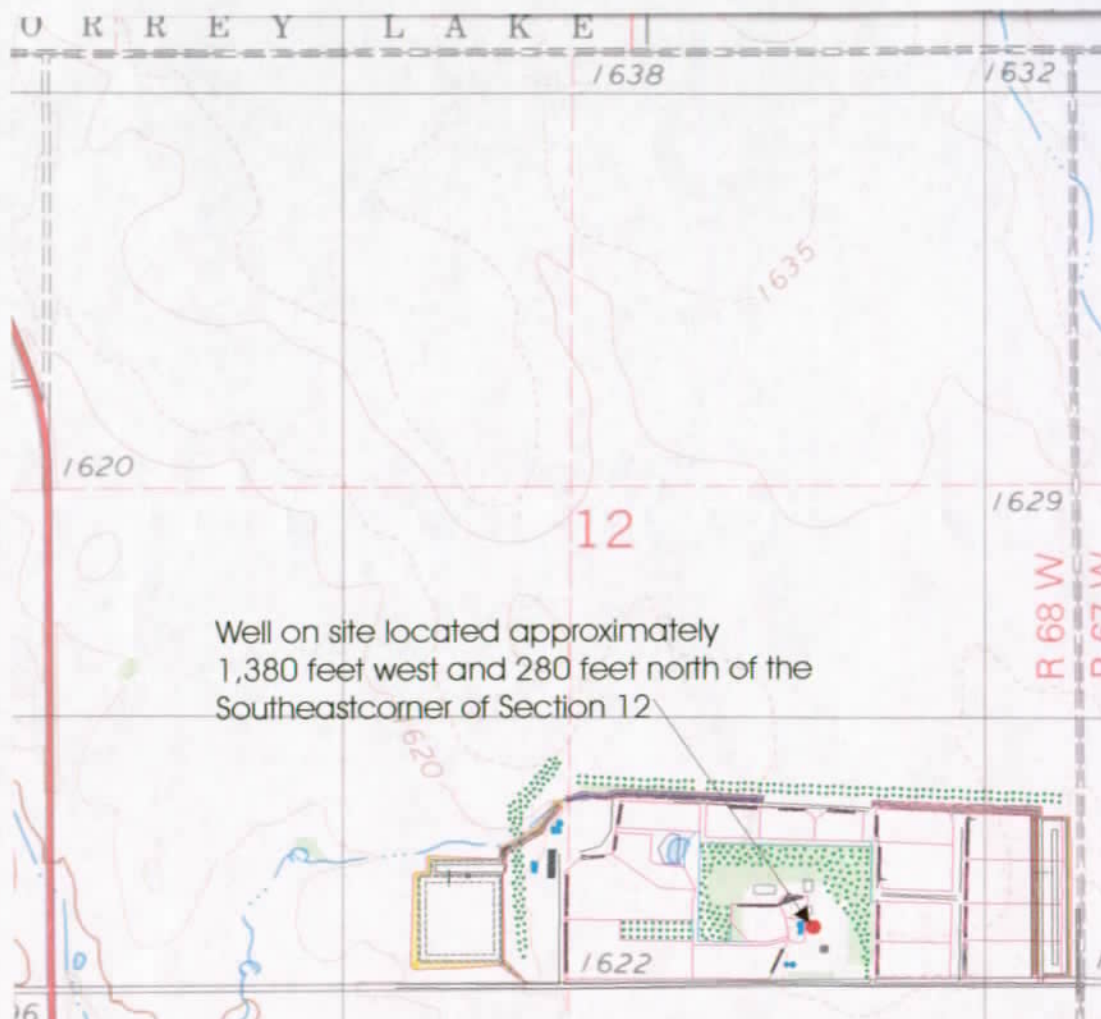
The following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>6470-3</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. <u>6470-3</u>	50	00
Fee for Filing Transfer Form _____		
Fee for _____		
Fee for Issuing New Well Driller's License No. _____ for C.Y. _____		
Fee for Renewal of Well Driller's License No. _____ for C.Y. _____		
Fee for Issuing Well Pump Installer's License No. _____ for C.Y. _____		
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	200.00

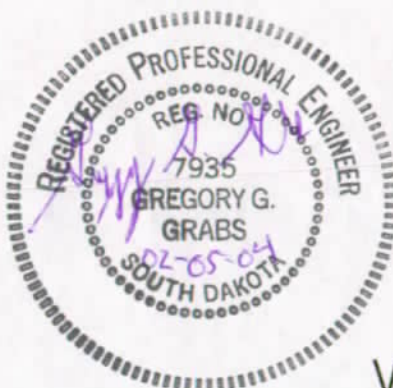
No.

001194

By Darland Erbe
Chief Engineer gm



Well on site located approximately
1,380 feet west and 280 feet north of the
Southeast corner of Section 12



USGS Quadrangle Maps:
Platte

Doug Peterson Well Location Map

SE 1/4, Section 12, Township 100 North, Range 68 West
Charles Mix County, South Dakota

Revision	
Date: February 4, 2004	Date:
Scale: 1" = 1000'	Scale:
Drawn By: NAP	Drawn By:
Checked By: GGG	Checked By:
Page: 1	Page:
File Name: C:/Project Files/Beef/Doug Peterson/Corel Draw/1 mile	

**DeHaan, Grabs
& Associates, LLC**
Consulting Engineers

PO Box 522, Mandan, ND 58554
(701) 663-1116, FAX: (701) 667-1356

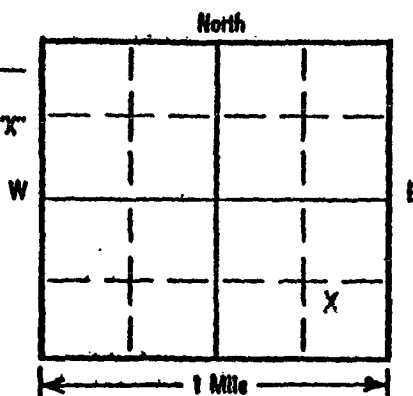
6470-3

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location SE 1/4 5E 1/4 Sec 12 Twp 100 Rg 68County Charles mix

Please mark well location with an "X"

Well Completion Date 12-9-92

LOCATION:

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

PROPOSED USE:

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

METHOD OF DRILLING:

Forward Rotary

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT <u>5</u>	IN <u>5</u>	FT <u>0</u>	FT <u>300</u>	IN <u>7 1/2</u>
LB/FT <u>2</u>	IN <u>2</u>	FT <u>300</u>	FT <u>986</u>	IN <u>4 1/2</u>
LB/FT _____	IN _____	FT _____	FT _____	IN _____

GROUTING DATA

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

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 2 1/2 IN Length 80 FEETMaterial 6-56Slot Size 0.16 Set From 986 Feet to 1068 Feet

Other information _____

Well Owner: Doug Peterson

Business Name: _____

Address: RR2 Box 90Phile, SD 57349

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
<u>Yellow Clay</u>	<u>0</u>	<u>43</u>
<u>Shale</u>	<u>43</u>	<u>200</u>
<u>Chalk</u>	<u>200</u>	<u>640</u>
<u>Shale</u>	<u>640</u>	<u>753</u>
<u>Hard Sand</u>	<u>753</u>	<u>760</u>
<u>Shale</u>	<u>760</u>	<u>761</u>
<u>Good & Fair Sand</u>	<u>761</u>	<u>800</u>
<u>Shale w/ good streaks</u>	<u>800</u>	<u>840</u>
<u>Shale</u>	<u>840</u>	<u>851</u>
<u>Good Open Sand</u>	<u>851</u>	<u>855</u>
<u>Shale</u>	<u>855</u>	<u>888</u>
<u>Good Sand</u>	<u>888</u>	<u>890</u>
<u>Shale w/ hard sand</u>	<u>890</u>	<u>980</u>
<u>Good Sand</u>	<u>980</u>	<u>1030</u>
<u>Fair Sand</u>	<u>1030</u>	<u>1040</u>
<u>Good Sand</u>	<u>1040</u>	<u>1068'</u>

STATIC WATER LEVEL 60 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: 100 yd m.
☐ Bailed air compressor
☐ Other _____

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

If pump installed, pump rate _____ GPM

REMARKS

26 will install sub.

Pullman Well Drilling

Gronlund, Eric

From: Gronlund, Eric
Sent: Tuesday, February 24, 2004 9:04 AM
To: 'nathanpdga@btinet.net'
Subject: Doug Peterson application north of Platte South Dakota

Nathan - DeHaan Grabs & Associates appears to have helped with the water permit application for Doug Peterson's cattle facility north of Platte. The application states the well is located in the SE 1/4 SE 1/4 Section 12, T12N, R68W. Two things:

1. I believe the township is T100N. This is consistent with the legal description for this area and also consistent with what is on the map signed by Mr. Grabs. I'm assuming the "T12N" was just a typo.
2. The application states the well is in the SE 1/4 SE 1/4 of the section. The map prepared by Mr. Grabs states the well is 1,380 feet west and 280 feet north of the SE corner of Section 12. This would actually have the well being located in the quarter-quarter described as the SW 1/4 SE 1/4 of the section. Do you concur?

Nathan, I sent you this because I have your e-mail address. If there is someone else in your office that has handled Mr. Peterson's application, please forward this to them. If I should be contacting Mr. Peterson directly for clarification, please let me know.

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

3/2/2004

Gronlund, Eric

From: Nathan Pesta [nathanpdga@btinet.net]
Sent: Tuesday, March 02, 2004 3:28 PM
To: Eric.Gronlund@state.sd.us
Subject: Re: Doug Peterson application north of Platte South Dakota

Eric, sorry about the delay I seldom get emails so it has been a while since I have checked it.

You are correct in the mistakes that you found. It should say the well is located in the SE 1/4, SW1/4, Section 12, T 100 N, R 68 W. Is this this what you need to finish reviewing the application?

Nathan Pesta
Project Engineer
DeHaan, Grabs & Associates, LLC

REPORT ON WATER PERMIT APPLICATION NO. 6470-3

For Doug Peterson

March 15, 2004

Application No. 6470-3 proposes to appropriate 0.11 cfs (50 gpm) from one well approximately 1068 feet deep located in the SE ¼ SE ¼ of section 12, T1100N R68W in Charles Mix County. The water is for commercial use in a cattle feedlot operation.

AQUIFER – DAKOTA FORMATION (DKOT)

The Dakota Formation is a buried sand, sandstone and shale that is under artesian conditions at this site. The aquifer underlies 1,134 square miles and contains an estimated 14.15 million acre-feet of recoverable water in storage in Charles Mix County (Hedges, 1982). The aquifer extends into Brule County to the north, Aurora and Douglas Counties to the east, and Lyman and Gregory Counties to the west. The general direction of ground water movement is from northwest to southeast across the area of this application (Kume, 1977). Discharge from the Dakota aquifer has occurred mainly from flowing wells either completely uncontrolled or simply not controlled both of which result in a large volume of water being wasted.

The well log filed with this application indicates the top of the Dakota probably at about 753 feet and extending to a depth of about 1068 feet below land surface. The completed well was capable of producing 100 gpm using air to develop and had a static water level of about 60 feet below land surface. This well is completed in the "slim hole" manner and although acceptable under the SD Well Construction Standards for domestic use would not be appropriate for this permit application.

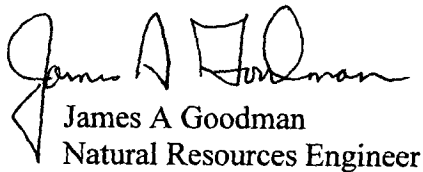
The Water Rights Program does monitor an observation well AU-89A completed into the Dakota Formation and located about 16 miles northeast of this application. Water levels for this observation well have declined about 8 feet since the well was drilled or at a rate of about ½ foot per year. A hydrograph for this observation well is included with this report (Water Rights, 2004). In general, water levels in the Dakota Formation have been declining since the first wells were completed into the aquifer. The main reason is the large number of free-flowing and uncontrolled flowing well which are allowed to discharge to waste.

REVIEW OF EXISTING WATER PERMITS/RIGHTS

The nearest existing water right/permit is located about six miles to the south. Both the existing permit and this application are for livestock feedlots and are for relatively small rates of water. Interference is not expected to be a problem. At the distance between wells and the permitted pumping rates drawdown should not be a concern.

CONCLUSIONS

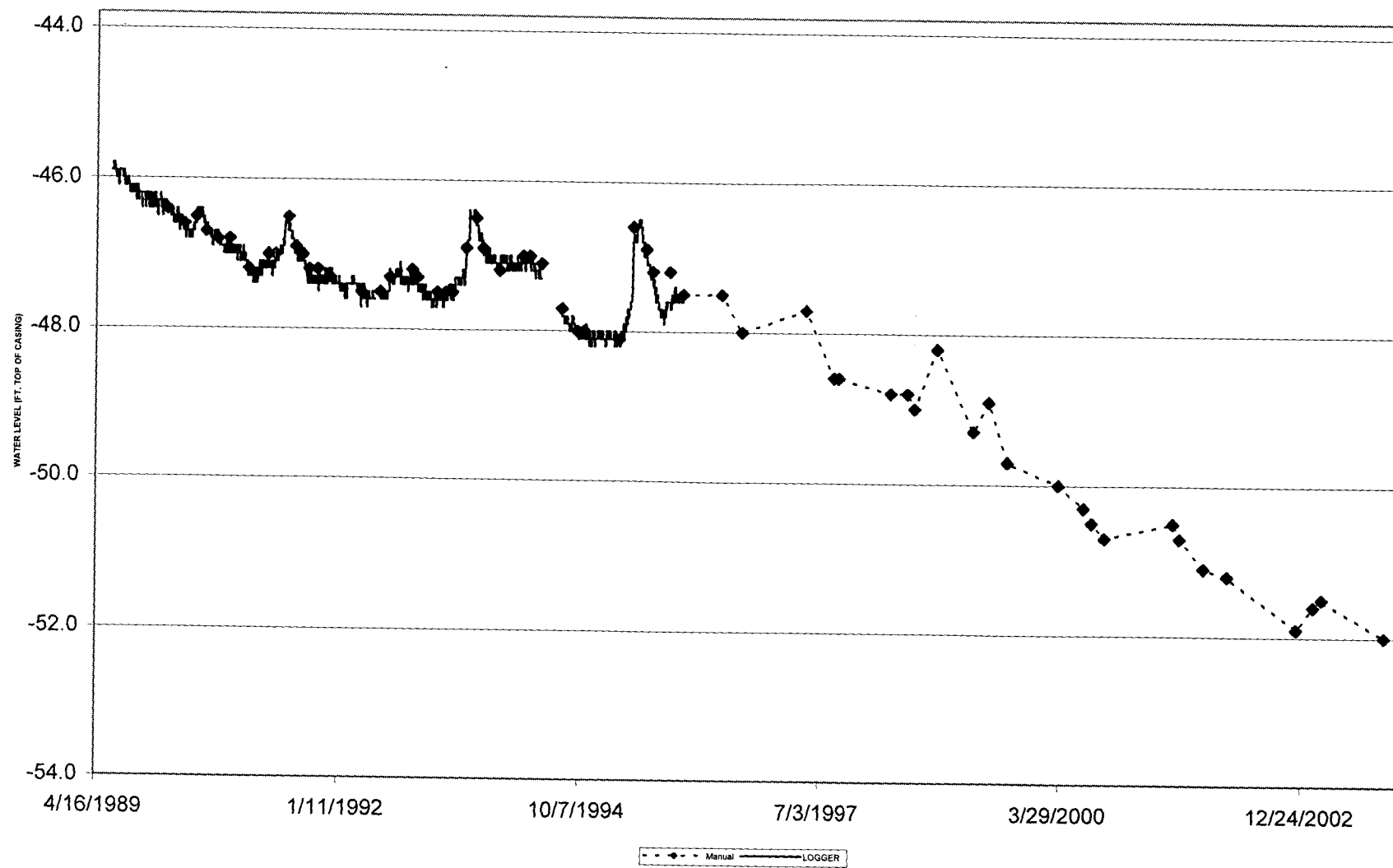
1. Water is available from the Dakota Formation.
2. The aquifer is under artesian conditions. The well does not free flow at this site and is a pumped well. Drawdown is not expected to be significant. Interference is not a concern.
3. This well is constructed in accordance with "slim hole" criteria and would not meet present day standards for a permitted use. But this is an existing well and was completed in 1992.
4. This facility has submitted plans and specifications to the department and the plans are under review at this time.


James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

- Kume, J., 1977, Geology and Water Resources of Charles Mix and Douglas Counties, South Dakota, Part II : Water Resources, SD DENR, SDGS, Vermillion, SD, 57069.
- Hedges, L.S., and others, 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, 2004, Unpublished Observation Well Data for the Dakota Formation, SD DENR, DES, Water Rights Program, Pierre, SD, 57501.

**WATER RIGHTS' OBSERVATION WELL
AU-89A**





**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. 6470-3, Doug Peterson**

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. 6470-3, Doug Peterson, 36676 270th Street, Platte SD 57369.

The Chief Engineer is recommending APPROVAL of Application No. 6470-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion has been 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.
3. Permit No. 6470-3 is subject to compliance with requirements of the Department's Water Pollution Control Permit issued pursuant to SDCL 34A-2-36 or 34A-2-112 for concentrated animal feeding operations.
4. Permit No. 6470-3 is subject to compliance with all existing and applicable Water Management Board Rules including but not limited to:
 - a) Chapter 74:54:01 Ground Water Quality Standards,
 - b) Chapter 74:54:02 Ground Water Discharge Permit,
 - c) Chapter 74:51:01 Surface Water Quality Standards,
 - d) Chapter 74:51:02 Uses Assigned to Lakes,
 - e) Chapter 74:51:03 Uses Assigned to Streams, and
 - f) Chapter 74:52:01 through 74:52:11 Surface Water Discharge Provisions.

See report on application for additional information.

Garland Erbele, Chief Engineer
March 19, 2004

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
) SS

County of Charles Mix

I, Sharon Huizenga

certify that the attached printed Notice was taken

from the The Platte

Enterprise

printed and published in Platte

County of Charles Mix and

state of South Dakota. The notice was published

in the newspaper on the following two dates:

April 1

April 8

Cost of Printing #35.48

Sharon Huizenga
(Signature)

Owner/Publisher
(Title)

4-14-04
(Date Signed)

Charles Mix Co., South Dakota
Thursday, April 8, 2004

NOTICE OF APPLICATION

NO. 6470-3 to Appropriate Water.

Notice is given that Doug Peterson, 36676 270th St., Platte, SD 57369 has filed an application for a water permit to appropriate 0.11 cubic feet of water per second from one well (Dakota Formation) 1068 feet deep located in the SW1/4SE 1/4 Section 12-T100N-R68W. The water is for commercial use in a cattle feedlot operation.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6470-3 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 April 19, 2004.

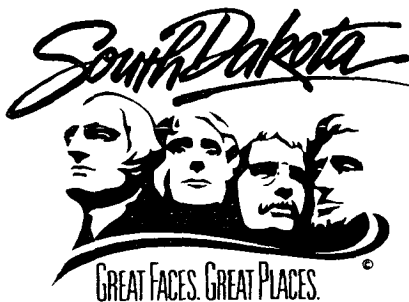
The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights program address to request copies of information pertaining to this application.

Steven M. Pirner
Secretary, Department of
Environment and Natural Resources
(April 1, 8)

RECEIVED

APR 15 2004

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

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

March 22, 2004

Doug Peterson
36676 270th Street
Platte SD 57369

Dear Mr. Peterson:

Water Permit Application No. 6470-3 for commercial 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 Platte Enterprise printed at Platte, SD (Ph # 605-337-3101). 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

c: Nathan Pesta, DeHaan, Grabs & Associates LLC, PO Box 522, Mandan ND 58554

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

March 22, 2004

Platte Enterprise
PO Box 546
Platte, SD 57369-0546

ATTENTION: Legal Public Notice

Enclosed is a Notice of Hearing on Application No. 6470-3 to Appropriate Water to be published twice. Please publish the first notice on April 1, 2004 with the second publication 7 days later. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352.

The applicant must verify to you that the notice is to be published, before you make the first publication. **Please BILL the APPLICANT for the cost of publication.** The APPLICANT is Doug Peterson, 36676 270th Street, Platte SD (Ph # 605-337-3092).

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. 6470-3

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

Date _____

We are in receipt of your letter of March 22, 2004 enclosing Notice of Hearing to Appropriate Water by Application No. 6470-3 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 April 1, 2004 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 6470-3 to Appropriate Water

Notice is given that Doug Peterson, 36676 270th St, Platte SD 57369 has filed an application for a water permit to appropriate 0.11 cubic feet of water per second from one well (Dakota Formation) 1068 feet deep located in the SW ¼ SE ¼ Section 12-T100N-R68W. The water is for commercial use in a cattle feedlot operation.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 6470-3 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 April 19, 2004.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Steven M. Pirner, Secretary, Department of Environment and Natural Resources.



APR 30 2004

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

Doug Peterson
36676 270th St
Platte SD 57369

Dear Mr. Peterson:

Enclosed is Water Permit No. 6470-3 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. 6470-3
Missouri 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, August 23, 2004, made a thorough examination of the water use system constructed by Doug Peterson of 36676 270th Street, Platte SD 57369 holder of Permit No. 6470-3, bearing the priority of February 17, 2004 authorizing the diversion of 0.11 cu. ft. per second of the waters of ground water (Dakota Formation) for commercial purposes, in Charles Mix County.

Inspection contact & relationship to permit holder, if applicable: **Doug Peterson, owner**

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Pullman Drilling
- 2) No. of Wells 1
- 3) Depth(s) 1,068 feet
- 4) Well log is available Y

Casing:

- 1) Length/Diam. 300 ft (5 in.) & 688 ft (2 in.)
- 2) Type Plastic

Screen:

- 1) Type PVC
- 2) Length 80 feet
- 3) Static water level 60 feet

Motor/Pump:

- 1) Make submersible
- 2) Size 1.5 hp
- 3) Capacity 50 GPM

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

Water is diverted from the well via a distribution system to a 3,000 head cattle feedlot.

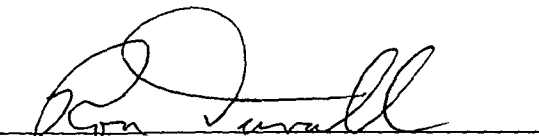
C. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by Y
- 2) Exceptions to compliance are: none

The system is in good condition with the point of diversion located as follows: Well: 280 feet N and 1,380 feet W from the SE corner section 12-T100N-R68W (SW $\frac{1}{4}$ SE $\frac{1}{4}$; Latitude 43.48688, Longitude -98.83066.) The works are capable of diverting and conveying to the place of use 0.11 cu. ft. per second of water which is to be used for commercial use for a livestock feedlot. Water has been put to beneficial use to the maximum extent and the license should be issued for 0.11 cfs.

All structures, wells and lands on map Y

| Comments or other permit(s) associated with the project: none



Ron Duvall
Natural Resources Engineer
DENR, Water Rights Program

Date report completed: September 7, 2004

Scale: 1 inch equals 512 feet

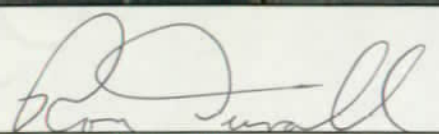
720

Feet



South Dakota
Department of Environment
& Natural Resources
Water Rights

Completed by:


Ron Duvall, Natural Resources Engineer
Water Rights Program

Diversion point(s) located using GeoExplorer II GPS

Date: Sep 7, 2004

Water Right No. 6470-3



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

NOV 30 2004

6470-3

Doug Peterson
36676 270th St
Platte SD 57369

Dear Mr. Peterson:

Enclosed is Water License No. 6470-3. This is the final water right document completing your process of obtaining a Water Right. Also enclosed is a map prepared by the staff engineer who conducted the 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. 6470-3, 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

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6470-3

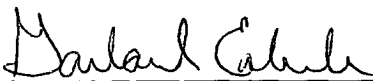
(1) Doug Peterson, 36676 270th St, Platte SD 57369 made Application No. 6470-3, February 17, 2004 for a water permit to divert 0.11 cubic feet of water per second from ground water (one well – Dakota formation), Charles Mix County, South Dakota for commercial purposes. Permit No. 6470-3, with a priority date of February 17, 2004 was approved April 19, 2004 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before April 19, 2009 and for the application to beneficial use of water on or before April 19, 2013.

(2) The water supply system has been completed and water applied to beneficial use in accordance with South Dakota State Law. Pursuant to South Dakota Codified Law 46-5-30.1, Doug Peterson the holder and/or owner of Water Right No. 6470-3 is issued a license, bearing a priority date of February 17, 2004 to appropriate 0.11 cubic feet of water per second (50 gallons per minute) from ground water (one well – Dakota formation). The water is used for commercial purposes in a cattle feedlot operation.

The diversion point is located 280 feet N & 1,380 feet W of the SE corner of Section 12, T100N, R68W (SW ¼ SE ¼)

(3) This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Permit No. 6470-3 including the following qualifications:

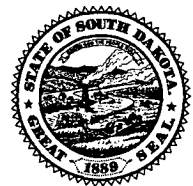
- The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
- Permit No. 6470-3 is subject to compliance with requirements of the Department's Water Pollution Control Permit issued pursuant to SDCL 34A-2-36 or 34A-2-112 for concentrated animal feeding operations.
- Permit No. 6470-3 is subject to compliance with all existing and applicable Water Management Board Rules including but not limited to:
 - a) Chapter 74:54:01 Ground Water Quality Standards,
 - b) Chapter 74:54:02 Ground Water Discharge Permit,
 - c) Chapter 74:51:01 Surface Water Quality Standards,
 - d) Chapter 74:51:02 Uses Assigned to Lakes,
 - e) Chapter 74:51:03 Uses Assigned to Streams, and
 - f) Chapter 74:52:01 through 74:52:11 Surface Water Discharge Provisions.



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

NOV 30 2004

date





**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

February 21, 2024

6470-3

Peterson Farms Inc
c/o Lucas Suits
36682 270th St
Platte SD 57369

Dear Mr. Suits:

Thank you for taking a moment of your time to discuss Water Right No. 6470-3, held in the name of Doug Peterson. It is the understanding of this office and the Livestock Services Program, that you are now to be the operator of the Peterson Farms Inc CAFO.

I have enclosed with this correspondence a partially completed "Notice of Transfer of Ownership" for Water Right No. 6470-3, along with a copy of the Water License.

There is a fee in the amount of \$50.00 for the filing of a transfer. Please complete the highlighted portions of the transfer form and return it in the prepaid envelope with a check in the amount of \$50.00, made payable to "SD Water Rights Program". If you would prefer to pay with a card, you may call our Fiscal Office at 605.773.4216. If you submit payment over the phone, the transfer form does still need to be returned to our office.

With the Water Right being transferred to Peterson Farms Inc, any future changes in operator will need to be reported to our office so that we may maintain current contact information. No transfer forms or fees will be required to update operator information.

Please feel free to reach out with any questions.

Sincerely,

Amanda Dewell
Water Rights Program
605 773-3352
Amanda.Dewell@state.sd.us



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

March 5, 2024

6470-3

Peterson Farms Inc
c/o Lucas Suits
36682 270th St
Platte SD 57369

Dear Mr. Suits:

I have received your "Notice of Transfer of Ownership" form and the required fees. Enclosed is a receipt of payment for your records.

Water Right No. 6470-3 previously owned by Doug Peterson is now listed under Peterson Farms Inc. I have also updated your contact information in our system.

As a reminder, so long as you use the water beneficially, as stated in the Water Right, State Water Laws provide that you have a continuing right to use the water. Should the water not be put to beneficial use for a period longer than 3 consecutive years, without legal excuse, the Water Right will be subject to cancellation.

If you have any questions, please contact me.

Sincerely,

Amanda Dewell
Water Rights Program
605 773-3352
Amanda.Dewell@state.sd.us

enclosure

RECEIVED

MAR 01 2024

OFFICE OF
WATERNOTICE OF TRANSFER OF OWNERSHIP
PAID

To: Chief Engineer
Water Rights Program, DANR
523 E. Capitol
Pierre, SD 57501-3181

MAR 01 2024

No. 6470-3Ck# 3313Date: 2-25-24

Rec't# _____

I/We request that Water Right No. 6470-3formerly owned by: Doug Peterson; 36676 270th St, Platte SD 57369be transferred to: (name & address) Peterson Farms Inc; 36682 270th St, Platte SD 57369Operator: Lucas SuitsEmail: lmsuits@hotmail.com Telephone No. 605.207.0199

Title to the following described land(s)/property has been transferred as described above:

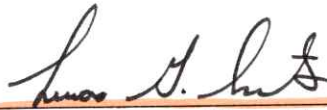
Commercial Feedlot Facility w/ Well located: SW ¼ SE ¼ Section 12 – T100N – R68W

X I/We understand that the validity of Water Right No. 6470-3 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

You are requested to file this "Notice of Transfer" in the appropriate file with the Water Rights Program, as evidence of the change of ownership.

A fee of Fifty Dollars (\$50.00) is required to cover the filing fees as required under SDCL 46-2-13. This form must be signed by the new owner.

I/We Lucas G. Suits, the new owner, certify that the above information is true and correct.



(Signed by new owner)

NOTE: Water permits may be cancelled for non-construction after the five year construction period has expired. Once a water permit is developed and the water used, the permit becomes a right. A water right may be lost for three reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three year period without legal excuse.
3. For a third violation of a condition of a water permit/right.

RECEIPT

WATER RIGHTS PROGRAM South Dakota Department of Agriculture and Natural Resources

Date March 1, 2024

RECEIVED OF Peterson Farm Inc. 36676 270th St., Platte SD 57369

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	\$ _____
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 <u>6470-3</u>	<u>\$50.00</u>
Fee for _____	\$ _____
Fee for Issuing New Well Driller's License No. _____	\$ _____
Fee for Renewal of Well Driller's License No. _____	\$ _____
Fee for Issuing Well Pump Installer's License No. _____	\$ _____
Fee for Renewal of Well Pump Installer's License No. _____	\$ _____
(Any Other Work Provided by Law)	TOTAL
	<u>\$50.00</u>

By Eric Gronlund
Chief Engineer