

WATER PERMIT NO. 7343-3

Name of Applicant: Stanley Peters

Address: 29332 398th Ave, Wagner SD 57380

Phone: 605 491-1298

Amount of Water Claimed: 2.0 cfs

Total Acres: 248

Source of Water Supply: groundwater (one well)

Water to be used for: irrigation

County: Charles Mix

Type of Waste Disposal System:

Location: 5 miles northwest of Wagner

PRIORITY

Date Received: 4-6-12

Application/License Fee: \$ 1250.00

Corrected Application Received:

Period of Annual Use: May 1 – October 31

Remarks:

Diversion Point: center of SW ¼ Sec 18-T96N-
R62W

Land to be Irrigated: S ½ Sec 18-T96N-R62W

Depth of Well: 260 feet deep

Well Driller:

Remarks:

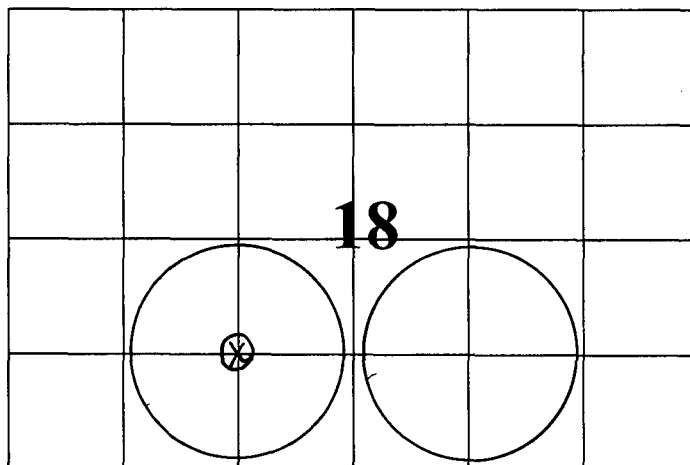
Type of Map: aerial

Prepared by: Joseph L Schalt, FSA

Reviewed and the Number Assigned on: 4-9-12

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____



Mail to: PMB 2020 DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>7343-3</u> (office use only) Hydrologic Unit <u>10170101</u>
	Basin <u>Missouri River</u>
	Newspaper <u>Wagner Post Box 187</u>
	<u>605-384-5616</u> <u>Wagner 57380</u>

RECEIVED

APR - 6 2012

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.)

1. Name of Applicant Stanley Peters Phone 605-491-1298
(check one) Owner ☐ Tenant/lessee ☒
Mailing Address 29332 V Wagner SD 57380-6922
398th (Address) (City) (State) (Zip Code)
2. Amount of water claimed 900 *CFS or 900 **GPM ***AF Total Acreage 248
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
3. Source of water supply Well
4. Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) County Charles Mix
Center SW 1/4 Sec 18 T96N R 62W
5. County or counties where water will be used Charles Mix
6. Annual period during which water is to be used May 1 to Oct. 31
7. 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
T-96-N R- -62W NE 1/4 of SE 1/4 of 18	33.5	T-96-NR- 1-62W NE 1/4 of SW 1/4 of 18	33.5
T-96-N R- -62W SE 1/4 of SE 1/4 of 18	33.5	T-96-NR- -62W SE 1/4 of SW 1/4 of 18	33.5
T-96-NR -62W NE 1/4 of SE 1/4 of 18	33.5	T-96-NR -62W NW 1/4 of SW 1/4 of 18	33.5
T-96-NR- 1-62W SW 1/4 of SE 1/4 of 18	33.5	T-96-NR -62W SW 1/4 of SW 1/4 of 18	33.5

8. Give a description of the project. (Attach sheet if more space is needed)
Drill 16" Cased well in the center of the West 1/4 & Installing A 1/4 mile Pivot
Bury 8" Pipe from west Pivot to center of East 1/4 & Installing A 1/4 mile Pivot
Note - The west machine on the west side needs to be reversed because of
Building site, That is why Acres are less on west machine.

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. Also, attach map and any other technical information. (see instructions)

I, STANLEY PETERS 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 Stanley PetersSubscribed and sworn to before me this 4 day of April 20 12

My Comm. Expires 03-05-2018

Notary Public signature

**SOUTH DAKOTA
WATER PERMIT NO. 7343-3**

Date of first receipt of application April 6, 2012.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 7343-3 to Stanley Peters, 29332 398th Ave, Wagner SD 57380 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. 7343-3 appropriates 2.0 cubic feet of water per second from one well to be completed into the Choteau:West Aquifer (260 feet deep) located in the center of the SW ¼ Section 18 for irrigation of 248 acres located in the S ½ Section 18; all in T96N-R62W.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: May 1 – October 31.
3. The date from which applicant may claim right is April 6, 2012.
4. The date of approval of Permit No. 7343-3 is June 11, 2012.
5. One-fifth of the construction is to be completed on or before December 11, 2014.
6. All construction is to be completed on or before June 11, 2017.
7. Water is to be put to beneficial use on or before June 11, 2021.
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. 7343-3 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. 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

JUL 16 2012

date



Supplemental Information

(type or print in ink)

1. Well Information - Proposed Construction

- a) Drill Hole Diameter 30" Depth 260'
- b) Casing Type PVC Diameter 1 1/2" Thickness SDR26
- c) Screen Type PVC Diameter 1 1/2" Thickness SDR26
- d) Gravel Pack Round Gravel Length of Gravel Pack 260'
- * e) Depth to Top of Water Bearing Material 220' 7'
- * f) Depth to Water (ground surface to water level) 95'
- * g) Distance to nearest existing domestic well: 4000'
- On applicant's property yes 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

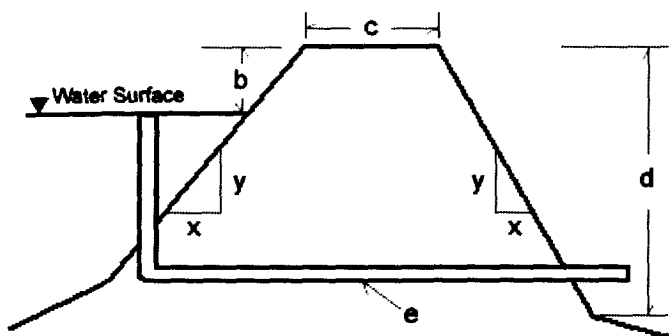
3. Dugout Information

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

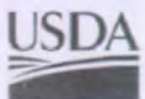
4. Water Storage Dams

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 _____
- c) Crest Width _____
Crest Length _____
- d) Height _____
- e) Primary Outlet Capacity _____
If pipe, diameter _____
- f) Secondary Spillway Capacity _____
Spillway Width _____
- g) X & Y Slope (e.g. 3 to 1 is a typical slope)
Upstream _____
Downstream _____
- h) Surface Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres



United States Department of Agriculture
Farm Service Agency

March 11, 2011

PLSS: 18_96N_62W
Farm: 5810

Charles Mix County, SD

1:8,626

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.



Wetland Determination Identifiers
 ● Restricted Use
 ▤ Limited Restrictions
 ▨ Exempt from Conservation Compliance Provisions

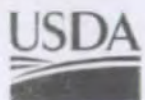
□ Common Land Unit
 ▨ Non Cropland

2010 Ortho-Photography - Not to Scale

RECEIVED

APR - 6 2012

**WATER RIGHTS
PROGRAM**



United States Department of Agriculture
Farm Service Agency

PLSS: 18_96N_62W
Farm: 5809

Charles Mix County, SD

1:8,626

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

2010 Ortho-Photography - Not to Scale

RECEIVED
March 11, 2011
APR - 6 2012

WATER RIGHTS
PROGRAM

Wetland Determination Identifiers
● Restricted Use
▨ Limited Restrictions
□ Exempt from Conservation Compliance Provisions



Common Land Units
▨ Non Cropland

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Environment and Natural Resources

Date 4-6, 2012

RECEIVED OF Stanley Peters, 29332 398th Ave, Wagner SD 57380

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

Fee for Application for Permit No. <u>7343-3</u> to Appropriate Water, to construct and to put water to beneficial use	1050	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>7343-3</u>	200	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	1250.00

No. **05401**

By Harland Erbe
Chief Engineer



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 7343-3, Stanley Peters**

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. 7343-3, Stanley Peters, 29332 398th Avenue, Wagner SD 57380.

The Chief Engineer is recommending APPROVAL of Application No. 7343-3 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. 7343-3 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. 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
May 15, 2012

REPORT TO THE CHIEF ENGINEER
ON
WATER PERMIT APPLICATION NO. 7343-3
STANLEY PETERS
MAY 6, 2012

Water Permit Application No. 7343-3 proposes to appropriate 2.0 cubic feet of water per second from one well to be completed into the West management unit of the Choteau aquifer (approximately 260 feet deep). The well is to be located in the center of the SW $\frac{1}{4}$ Section 18, T96N-R62W and will be used to irrigate 248 acres located in the S $\frac{1}{2}$ Section 18, T96N-R62W.

AQUIFER: West Management Unit of the Choteau Aquifer: (CH-W)

GEOLOGY AND AQUIFER CHARACTERISTICS:

The West management unit of the Choteau is a buried aquifer consisting of glacial outwash and western derived stream deposits (Kume, 1977), that was deposited as several layers within the glacial till in Choteau bedrock valley. The Choteau: West aquifer underlies approximately 169,600 acres of Charles Mix County and extends into Bon Homme and Douglas Counties (Hedges and others, 1982) (see Figure 1).

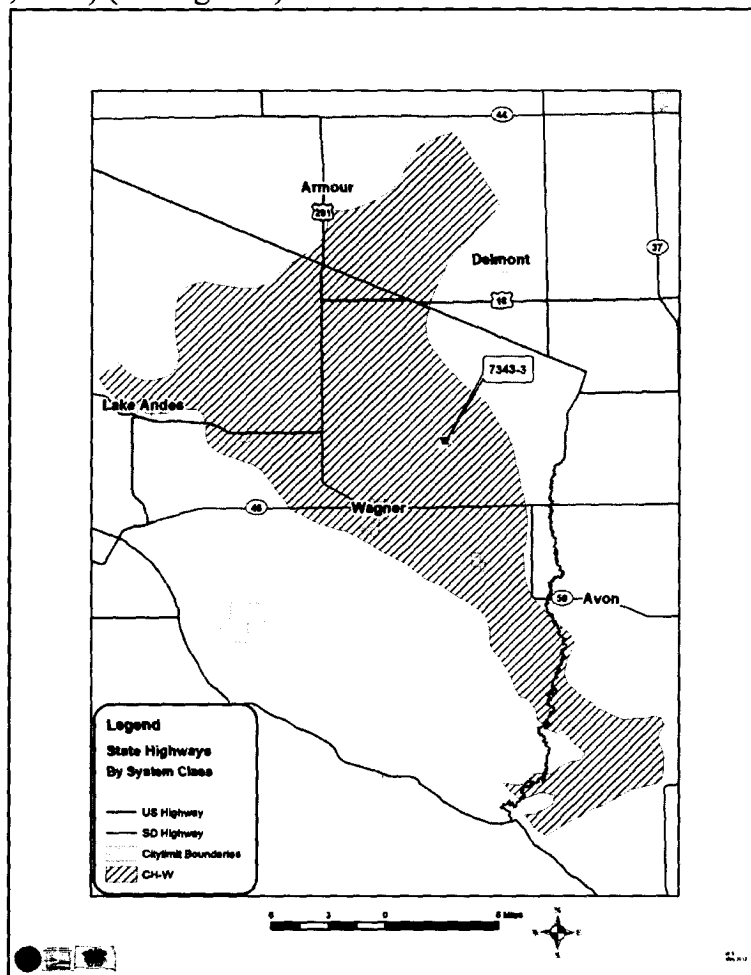


Figure 1. The location of the Choteau: West aquifer (modified from Hedges and others, 1982)

Kume (1972) estimated the Choteau: West aquifer contained 2,200,000 acre-feet of water in transient storage in Charles Mix County. Hedges and others, (1982) estimated the aquifer contained 1,225,370 acre-feet of recoverable water in storage in the county. The saturated thickness of the Choteau: West ranges from 5-89 feet (Kume, 1977). DENR-Water Rights' Observation Well CM-72A, located approximately one and one-third miles west-southwest of the well site proposed by this application identifies sand from 182-216, 218-260 and 260-303 feet below ground surface (Water Rights, 2012a). A test well drilled as part of the Charles Mix County Study by the South Dakota Geological Survey (SDGS) in the NE corner of Section 25, T96N-R63W (approximately one and one-third miles southwest of the well site proposed by this application) indicates the Choteau: West aquifer is located from 213-275 feet below grade ("Lithologic Logs Database"). Another SDGS test well was drilled in the NE corner of Section 18, T96N-R62W (approximately one mile northeast of the well site proposed by this application). The log for the portion of borehole through the Choteau: West aquifer is shown in table 1 ("Lithologic Logs Database").

DEPTH (ft.)	DESCRIPTION
176.0 -185.0	SAND AND GRAVEL, MEDIUM TO COARSE
185.0 -197.0	SAND, GRAY, VERY CLAYEY
197.0 -215.0	CLAY, GRAY, SANDY; FEW PEBBLES (TILL)
215.0 -233.0	CLAY, GRAY, SILTY; FEW PEBBLES (TILL)
233.0 -235.0	GRAVEL AND SAND
235.0 -256.0	CLAY, GRAY, SANDY; FEW PEBBLES (TILL)
256.0 -262.0	CLAY, GRAY, SILTY, SANDY; WITH STRINGERS OF GRAVEL (TILL)
262.0 -303.0	CLAY, GRAY, SANDY, GRAVELLY; AND COARSE GRAVEL LAYERS (TILL)
303.0 -308.0	GRAVEL AND SAND, COARSE
308.0 -320.0	CLAY, GRAY, SANDY, GRAVELLY; FEW GRAVEL STRINGERS (TILL)
320.0 -335.0	SAND, GRAY, FINE, CLAYEY

Table 1. Lithology of Choteau: West aquifer from a SDGS test hole located approximately one mile northeast of the well site proposed by application No. 7343-3

The logs show: (1) the variability of the aquifer's thickness; (2) the multiple layered nature of the aquifer; and (3) that the total depth of a well at this proposed site may exceed 300 feet.

The Choteau: West aquifer is under confined conditions and although the potentiometric surface is relatively flat in this area (Kume, 1972) the groundwater movement in the area appears to be from the northwest to the southeast. The static water level at the well site proposed by this application is expected to be 110-120 feet below grade.

Capacities of eight nearby irrigation wells that are completed into the Choteau: West aquifer range from 700- 2,200 gpm and specific capacities of the wells range from under 18.92 (gpm)/ft. to 100 (gpm)/ft., (Water Rights, 2012c). The transmissivity of the aquifer calculated from the reported specific capacities ranges of 37,840-200,000 gal/day/ft. ("Transmissivity From Specific Capacity").

SDCL 46-2A-9

Pursuant to SDCL 46-2A-9, a permit to appropriate water may be issued only if there is reasonable probability that there is unappropriated water available for the applicant's proposed use, the proposed diversion can be developed without unlawful impairment of existing rights and the proposed use is a beneficial use and in the public interest. This report will address the water availability and existing rights issues pertinent to this application.

WATER AVAILABILITY:

This application proposes to appropriate 496 acre-feet annually from the Choteau: West aquifer. Although the actual water use if this application is approved will be less than 194 acre-feet/year. The probability of unappropriated water available from an aquifer can be evaluated by considering SDCL 46-6-3.1 which requires "No application to appropriate groundwater may be approved if, according to the best information reasonably available, it is probable that the quantity of water withdrawn annually from a groundwater source will exceed the quantity of the average estimated annual recharge of water to the groundwater source."

Recharge versus Withdrawals:**Recharge:**

Recharge to the Choteau: West aquifer comes mostly from leakage from the adjacent glacial till and the underlying Niobrara and Codell aquifers.

Withdrawal:

Some natural discharge may occur from the Choteau: West aquifer through leakage to adjacent aquifers, however withdrawals from the Choteau: West aquifer are primarily through pumping. There are 39 water rights/permits appropriating water from the Choteau: West aquifer, with 32 of these in Charles Mix County (Water Rights, 2012b). Water rights/permits from the Choteau: West appropriate water for commercial use (one permit for a CAFO), municipal use (two Water Rights for Wagner) [Note: Wagner is currently on rural water (Friedeman)], recreational use (one permit to fill a 20 acre pond), and irrigation use. Historic Choteau: West irrigation data is shown in table 2.

YEAR	NO.PMTS	APPROPRIATION (ac-ft. /yr.)	PUMPAGE (ac-ft. /yr.)
1979	49	21477	2933
1980	47	21477	2644
1981	48	21657	3132
1982	39	20935.8	1647.15
1983	40	21761.8	1368.89
1984	44	24770.8	1692
1985	43	23810.8	2377
1986	42	23108.8	2986
1987	42	23080.8	2198
1988	44	23245.8	4537.4
1989	45	23565.8	3984.1
1990	45	23400.8	3716
1991	45	23080.8	4056.5
1992	46	23224.8	1682.6
1993	45	21835.8	334.2
1994	41	20146.8	2026.03
1995	42	20410.8	999.46
1996	42	19087.8	1795.61
1997	42	19087.8	1509
1998	42	18975.8	697.51
1999	40	19675.8	1248.07
2000	33	16475.8	3009.11
2001	33	16475.8	1625.24
2002	33	15995.8	3223.92
2003	33	15696	2526.26
2004	34	18843.8	2819.08
2005	36	19563.8	2896.82
2006	34	19943.8	3598.83
2007	34	19108.12	3363.59
2008	34	19212.12	2443.95
2009	35	19492.12	1163.81
2010	35	19324.12	614.83

Table 2. Historic irrigation from the Choteau: West aquifer

Observation Well Data:

The best information that is reasonably available to evaluate the availability of unappropriated water from the Choteau: West aquifer is the DENR-Water Rights' observation well network. In addition, Administrative Rule of South Dakota Section 74:02:05:07 requires that "the Water Management Board shall rely upon the record of observation well measurements to determine that the quantity of water withdrawn annually from the aquifer does not exceed the estimated average annual recharge to the aquifer".

The DENR-Water Rights Program monitors ten observation wells completed into the Choteau: West aquifer (Water Rights, 2012a). Observation well CM-72C is located approximately one and one-third miles west and CM-72B is located approximately two and one-half miles northwest, respectively, of the well site proposed by this application. Hydrographs for the observation wells are shown in figures 2 and 3.

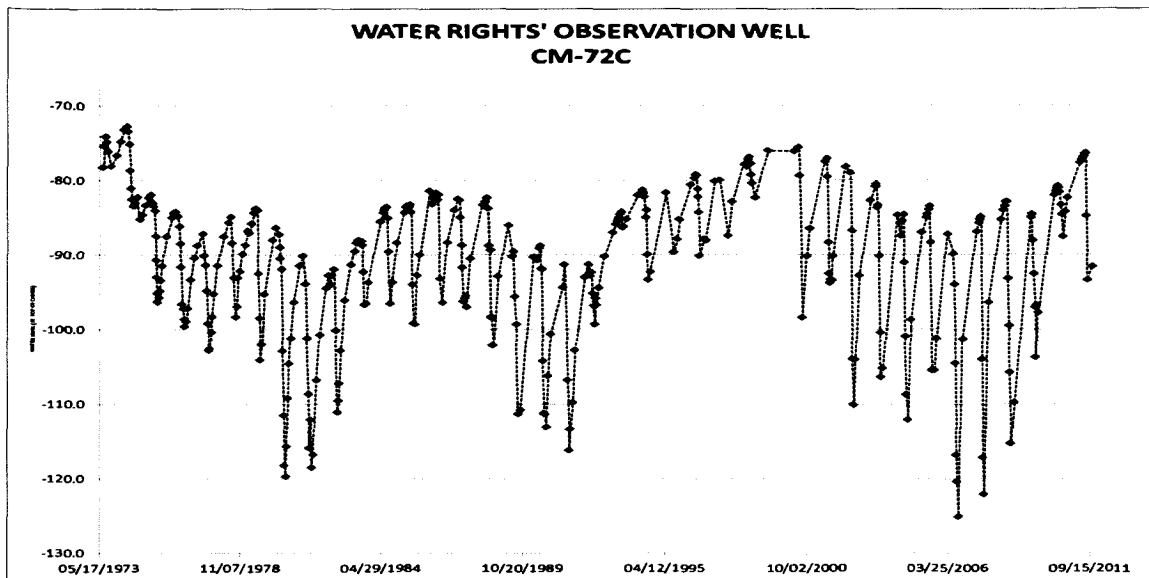


Figure 2. Hydrograph for DENR-Water Rights Observation Well CM-72C.

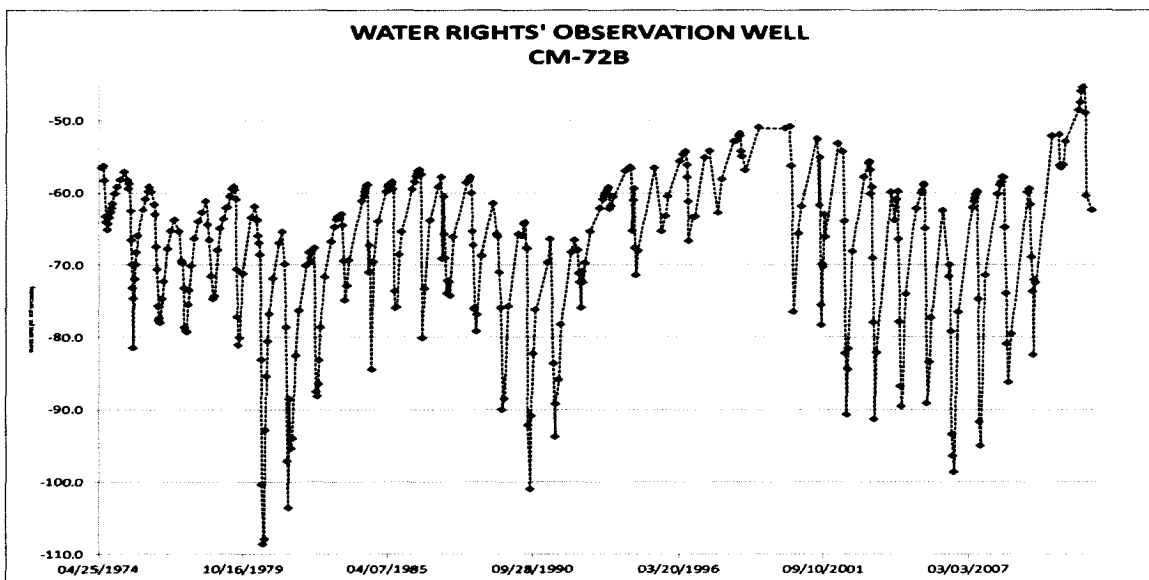


Figure 3. Hydrograph for DENR-Water Rights Observation Well CM-72B.

The observation well data shows the aquifer readily recharges and clearly documents the cyclic climatic conditions with wet and dry periods. The hydrograph also shows the aquifer's response to nearby pumping, with drawdown of over 40 feet. The hydrographs show that although the potentiometric surface (head pressure) in the Choteau: West aquifer varies with the climate, the amount of water in the aquifer is essentially the same or more than it has been over the entire period of record. Most importantly, the observation well data shows that at the current level of development, climatic conditions greatly mask the temporal effects of irrigation pumping. Therefore, recharge to and natural discharge from the Choteau: West aquifer significantly exceeds pumping. Recognizing that natural discharge from the aquifer can be captured for pumping. The hydrographs document that there is unappropriated water available from the aquifer to support this appropriation.

EXISTING WATER RIGHTS:

Water rights/permits in the vicinity of the well site proposed by Water Permit Application No. 7343-3 are identified in table 3 and shown in figure 4.

PERMIT NO	NAME	STATUS	CFS	ACRES
293-3	LAWRENCE G HOLZBAUER	IL		
2583-3	HOLZBAUER BROS	IL		
3696-3	EUGENE J & BARBARA J SLABA	LC	1.78	136
3700-3	HOLZBAUER BROS	IL		
3706-3	HOLZBAUER BROS	IL		
3707-3	HOLZBAUER BROS	IL		
3736-3	HOLZBAUER BROS	IL		
4005-3	RICHARD/JULIE JONGEWAARD	LC	1.94	136
4666-3	HOLZBAUER BROS	WI	0	0
4666A-3	LEO HOLZBAUER	IL		
5635-3	ROGER W & MAUREEN A EVANS	LC	9.23	646
5637-3	ROGER W & MAUREEN A EVANS	LC	1.78	132
6391-3	ROGER W & MAUREEN A EVANS	PE	1.91	134
6583-3	GARY HOLZBAUER	LC	2	264
6599A-3	CIRCLE H ENTERPRISE	PE	0.57	40

Table 3. Water Rights/Permits in the vicinity of the site proposed by Application No. 7343-3

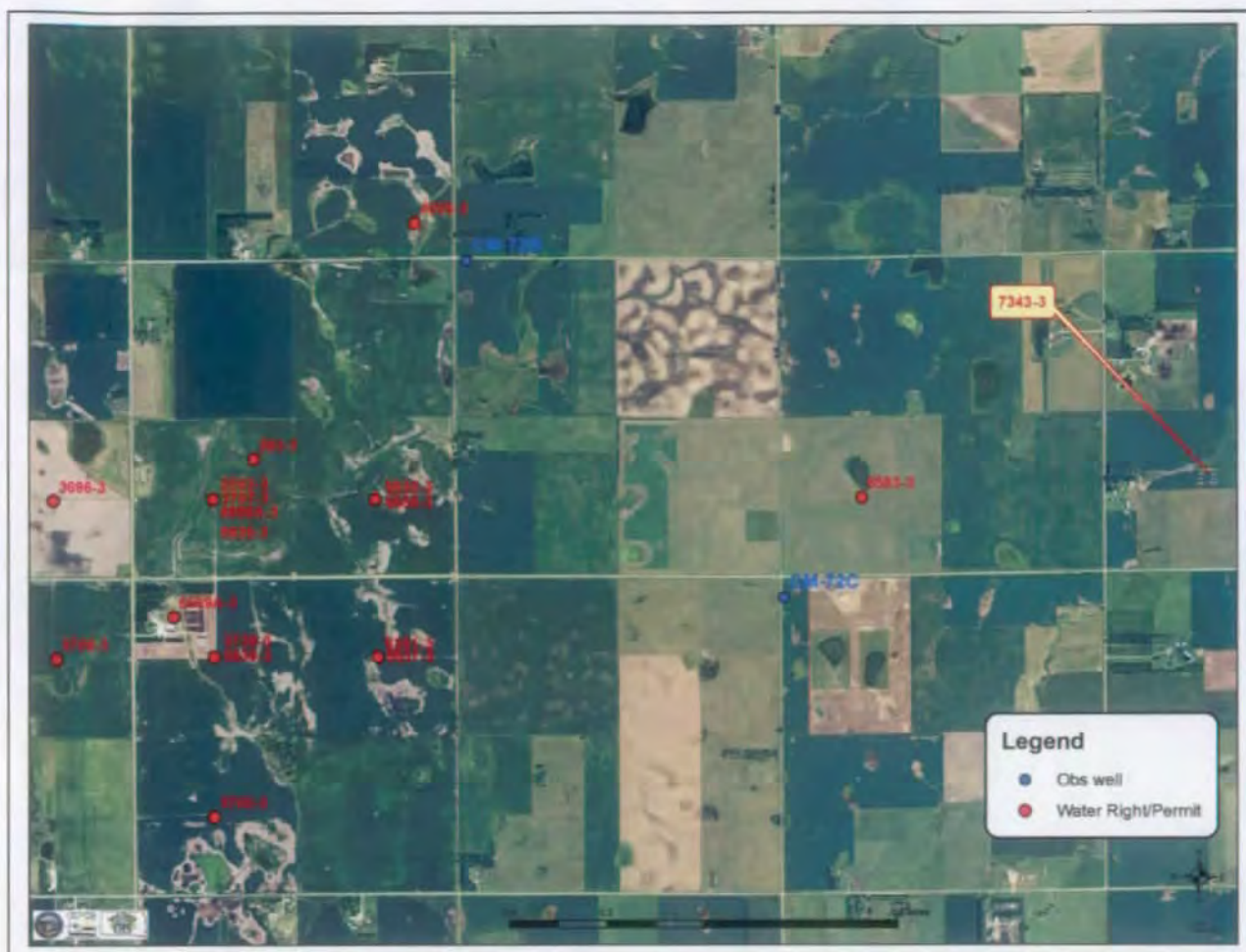


Figure 4. The location of the well site proposed by Water Permit Application No. 7343-3, location of DENR-Water Rights' observation wells completed into the Choteau: West aquifer and the approximate location of diversion points for existing appropriations from the Choteau: West aquifer

Since the Choteau: West aquifer is under confined conditions, drawdown may extend fairly far from a well. Well interference from nearby irrigation wells can be seen in Figures 2 and 3. It is likely that well interference will be measurable if this proposed well is completed, between this proposed well and the well that supplies Water Right No. 6583-3. That is to say, that there will likely be overlapping cones of influence caused by pumping the wells. It may be necessary to lower pump intakes periods of prolonged extensive pumping from the aquifer such during extremely dry conditions. Given the distance between the wells and the historical interference documented by the observation wells, well interference will not adversely affect existing users.

Early irrigation development (i.e. 1950's) in this area was controversial. Irrigation well pumping caused water level fluctuations in domestic wells that resulted in wells no longer free flowing at the surface and caused other wells to have pumps lowered. Early controversies have been resolved and there have not been any issues in this area for a number of years. In addition, a change in SD Water Law has been made so that artesian head pressure is no longer protected as a

means of delivery. The earlier controversies would have been non-issues with the change in water law.

CONCLUSIONS:

1. This application proposes to appropriate up to 496 acre-feet annually for irrigation but the amount of water that actually will be used is expected to be considerably less.
2. There is a reasonable probability that unappropriated water is available from the Choteau: West aquifer to supply this proposed diversion.
3. There is a reasonable probability that the diversion requested by this application can be made without adversely effecting existing water rights.

for 
Ken Buhler
SD DENR-Water Rights Program

REFERENCES:

Friedeman, Barbara. Environmental Scientist, SD DENR-Drinking Water Program. Personal correspondence. 7 May 2012

Hedges, L.S., Burch, S.L., Iles, D.L., Barari, R.A., Schoon, R.A., 1982, Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa, Task 1: Bedrock Topography and Distribution, Task 2: Extent of Aquifers, Task 3: Ground-Water Storage, Task 4: Computerized Data Base, Final Report; U.S. Army Corps of Engineers Contract DACW 45-80-C-0185

Kume, J., 1972, Major Aquifers in Charles Mix and Douglas Counties, South Dakota: S.D. Geological Survey Information Pamphlet No.2, 6 p.

Kume, J., 1977, Geology and Water Resources of Charles Mix and Douglas Counties, South Dakota, Bon Homme County, South Dakota; Part II: Water Resources: S.D. Geological Survey Bulletin 21, 31 p.

“Lithologic Logs Database.” South Dakota Department of Environment & Natural Resources Geological Survey. 6 May. 2012

“Transmissivity from Specific Capacity.” Aquifer Test Forum sponsored by HydroSOLVE, Inc. 6 May 2011 < <http://www.aqtesolv.com/forum/transcap.asp>

Water Rights, 1980-2011, “Annual Irrigation Summary by Aquifer”: SD DENR-Water Rights Program, Joe Foss Building, Pierre, SD

Water Rights, 2012a, Observation Well Files, SD DENR-Water Rights Program, Joe Foss Bldg, Pierre, SD.

Water Rights, 2012b, Water Right/Permit Files, SD DENR-Water Rights Program, Joe Foss
Bldg, Pierre, SD.

Water Rights, 2012c, Well Completion Report Files, SD DENR-Water Rights Program, Joe Foss
Bldg, Pierre, SD.

Affidavit of Publication

RECEIVED

STATE OF SOUTH DAKOTA)

)SS

JUN - 5 2012

COUNTY OF CHARLES MIX)

WATER RIGHTS PROGRAM

Stacy Irwin, of said County and State being first duly sworn on her oath says: That **The Wagner Post** is a legal newspaper of general circulation, printed and published in Wagner, in said County and State, by Stacy Irwin, and has been such newspaper during the time herein mentioned; and that I, Stacy Irwin, the undersigned, am Assistant Editor of said newspaper in charge of the advertising department thereof, and have personal knowledge of all the facts stated in this affidavit; a printed copy of which is hereunto attached, was printed and published in the regular and entire issue of said newspaper and not in supplement, once each week for two successive weeks.

1st publication made on 23rd day of May, 2012
2nd publication made on 30th day of May, 2012
3rd publication made on _____ day of _____, 2012
4th publication made on _____ day of _____, 2012
5th publication made on _____ day of _____, 2012

That said newspaper is a legal newspaper, and has a bonafide circulation of more than two hundred copies weekly, and has been published within the County of Charles Mix for more than fifty-two successive weeks prior to the first publication of said notice, and is printed in an office maintained in Wagner, South Dakota, the place of publication of said newspaper. That the full amount of the fee for the publication of the annexed notice is

\$ 38.47

Stacy Irwin

Subscribed and sworn before me this 29 day of May, 2012.

[Signature]

Notary Public

My commission expires 10/22/16

NOTICE OF APPLICATION NO. 7343-3 TO APPROPRIATE WATER

Notice is given that Stanley Peters, 29332 398th Ave., Wagner, SD 57380 has filed an application for a water permit to appropriate 2.0 cubic feet of water per second from one well to be completed into the Choteau; West Aquifer (260 feet deep) located in the center of the SW 1/4 Section 18 for irrigation of 248 acres located in the S 1/2 Section 18; all in T96N-R62W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7343-3 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 this 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 this 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's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre, SD 57501 (605 773-3352)" and the applicants mailing address is given above. A petition filed by either an interested person or the applicant must be filed by June 11, 2012.

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

Published twice at the total approximate cost of \$38.47

Pub: May 23, 30, 2012



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

May 16, 2012

Wagner Post
PO Box 187
Wagner SD 57380

ATTENTION: Legal Public Notice

Enclosed is a Notice on Application No. 7343-3 to Appropriate Water to be published twice. Please publish the first notice on May 23, 2012 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 Stanley Peters, 29332 398th Ave., Wagner SD 57380 (Ph # 605-491-1298).

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. 7343-3

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

Date _____

We are in receipt of your letter of May 16, 2012 enclosing Notice to Appropriate Water by Application No. 7343-3 which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

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

May 16, 2012

Stanley Peters
29332 398th Ave
Wagner SD 57380

Dear Mr. Peters:

Water Permit Application No. 7343-3 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Publisher of the Wagner Post printed at Wagner SD (Ph # 605-384-5616). 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 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 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. 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 applications.

Sincerely,


Eric Gronlund
Natural Resources Engineer
(605) 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.

Instruction to Newspaper - Publish first Notice on May 23, 2012 with the second publication 7 days later. The applicant is responsible for payment. The text of the notice can be e-mailed to your paper by contacting Karen Schlaak at (605) 773-3352 or email: Karen.schlaak@state.sd.us.

NOTICE OF APPLICATION NO. 7343-3 to Appropriate Water

Notice is given that Stanley Peters, 29332 398th Ave, Wagner SD 57380 has filed an application for a water permit to appropriate 2.0 cubic feet of water per second from one well to be completed into the Choteau:West Aquifer (260 feet deep) located in the center of the SW ¼ Section 18 for irrigation of 248 acres located in the S ½ Section 18; all in T96N-R62W.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 7343-3 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 this 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 this 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 June 11, 2012

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.

Published twice at the total approximate cost of _____.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
denr.sd.gov

JUL 16 2012

Stanley Peters
29332 398th Ave
Wagner SD 57380

Dear Mr. Peters:

Enclosed is Water Permit No. 7343-3 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

7343-3
RECEIVED

JUL 25 2012

WATER RIGHTS
PROGRAMNOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USEDate July 23, 2012TO: Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181FROM: Stanley Peters
(name)
29332 398th Ave
(address)
Wagner, SD 57380
(city, state, zip)605-384-3135
(phone)

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

Water Permit No. 7343-3 states that the water use system is to be constructed by June 11, 2017, and water is to be put to beneficial use by June 11, 2021.
(date) (date)

The water use system was completed on June 16, 2012.
(date)

Applying the water to beneficial use was completed on June 16, 2012.
(date)

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

Stanley Peters
(signature)





**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
PMB 2020
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
<http://denr.sd.gov>

July 26, 2012

7343-3

Stanley Peters
29332 398th Ave
Wagner SD 57380

Dear Mr. Peters:

I am writing to acknowledge receipt of the "Notice of Completion of Works" form that you sent in to let us know that you are completed with your irrigation system.

The system is now ready for inspection. Inspections are done on a county-by-county basis as staff time permits. You have done everything you need to do and the intervening time between the completion of your project and the staff inspection has no bearing on your water permit.

Someone from our office will contact you prior to the inspection to set up a time that is convenient for you. If you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink that reads "Genny McMath". The signature is written in a cursive, flowing style.

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

73433

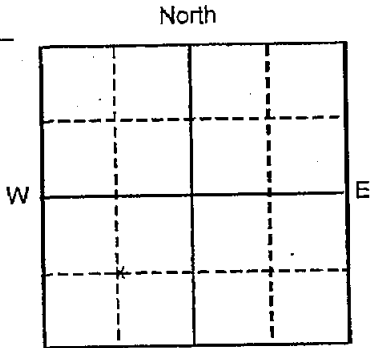
SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location Centr 1/4 SW 1/4 Sec 18 Twp 96N Rg 62W

County Charles Mix

Please mark well location with an "X"



Well Completion Date
December 1, 2012

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
1,500.0 ft. from Septic Tank (identify source)

PROPOSED USE:
☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test holes
☒ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:
Reverse Rotary

CASING DATA: ☐ Steel ☒ Plastic ☐ Other
If other describe _____
PIPEWEIGHT DIAMETER FROM TO HOLE DIAMETER
160 LB/FT 16.00 IN 0.0 FT 170.0 FT 28.00 IN
____ LB/FT ____ IN ____ FT ____ FT ____ IN
____ LB/FT ____ IN ____ FT ____ FT ____ IN

GROUTING DATA:
Grout Type No. of Sacks Grout Weight From To
Bentonite 24 9.5 Lb/gal 0.0 Ft 100.0 Ft
____ Lb/gal ____ Ft ____ Ft
Describe grouting procedure
Tremie Method

SCREEN: ☒ Perforated pipe ☒ Manufactured
Diameter 16.00 Inches Length 140.0 Feet
Material PVC
Slot Size .050 Set From 170.0 Feet to 310.0 Feet
Other information _____

WAS A PACKER OR SEAL USED? ☐ Yes ☒ No
If so, what material? _____
Describe packer(s) and location _____

DISINFECTION: Was well disinfected upon completion?
☒ Yes, How? Chlorine tablets
☐ No, Why Not? _____
Lab to which water quality sample sent for analysis _____

Well Owner: Stanley Peters
Business Name: _____
Address: 29332 398th Avenue
City, State, Zip: Wagner SD 57380

WELL LOG:	DEPTH	
	FROM	TO
Top Soil	0	3
Brown Clay w/ Imbedded Gravel	3	44
Blue Clay w/ Sand Layers	44	156
Rocks	156	157
Blue Clay w/ Sand Layers	157	233
Fine Green Sand	233	286
Blue Clay	286	287
Fine Green Sand	287	292
Fine Med Sand w/ Clay Layers	292	310

STATIC WATER LEVEL 112.0 FEET
If flowing: closed in pressure _____ PSI
GPM flow _____ through _____ Inch pipe
Controlled by ☐ Valve ☐ Reducers ☐ Other _____
Reduced flow rate _____ GPM
Can well be completely shut in? _____

WELL TEST DATA:
☒ Pumped Describe: turbine pump and engine
☐ Bailed
☐ Other
Pumping Level Below Land Surface
172.5 Ft. After 9.0 Hrs. pumped 700.0 GPM
180.0 Ft. After 12.0 Hrs. pumped 875.0 GPM
If pump installed, pump rate: _____ GPM

REMARKS

This well was drilled under license # 773 and this report is true and accurate.

Drilling firm: Quality Well Services
Signature of License Representative: _____

Signature of Well Owner or Equitable Property Holder: Stanley Peters

Date: _____

7343-3



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

November 13, 2018

7343-3

Rosemary Peters
29332 398th Ave
Wagner SD 57380

Dear Ms. Peters:

I am writing in follow-up to my phone conversation with your son concerning the need for an ownership change for Water Permit No. 7343-3.

Enclosed is a partially completed Notice of Transfer of Ownership form for filing an ownership change. Please review the form and complete as needed. Upon completion, please sign the form and return it to our office with a required filing fee of \$50.00. The check or money order for the fee can be made payable to the Water Rights Program.

If you have any questions, please contact me.

Sincerely,

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

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

enclosure

RECEIVED
NOV 20 2018
WATER RIGHTS
PROGRAM

NOTICE OF TRANSFER OF OWNERSHIP

PAID

NOV 20 2018

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

Ck# _____

No. 7343-3

Date: 11-16-18

I/We request that Water Permit No. 7343-3

formerly owned by: Stanley Peters

be transferred to: (name & address) Rosemary Peters

29332 398th Ave

Wagner, SD 57380

Telephone No. 605-384-3135

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

248 acres – S ½ Section 18, T96N, R62W

I/We understand that the validity of Water Permit No. 7343-3 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 Rosemary Peters, the new owner, certify that the above information is true and correct.

Rosemary Peters
(Signed by new owner)

NOTE: Water permits may be cancelled for nonconstruction 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 Environment and Natural Resources

RECEIVED OF Stanley or Rosemary Pegers 29332 298th Ave Wagner SD 57380 Date November 20, 20 18

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. _____		
Fee for Filing Transfer Form <u>7343-3</u>		
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. _____	50	00
Fee for Renewal of Well Pump Installer's License No. _____ for C.Y. _____		
(Any Other Work Provided by Law)	TOTAL	

No. **08814**

By Jeanne Goodman
Chief Engineer
Jm



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

November 26, 2018

7343-3

Rosemary Peters
29332 398th Ave
Wagner SD 57380

Dear Ms. Peters:

I am writing to acknowledge receipt of the transfer form and filing fee you submitted for Water Permit No. 7343-3.

The ownership change has been completed. Water Permit No. 7343-3 formerly held by Stanley Peters is now listed in your name.

Enclosed for your records is Receipt No. 08814 in the amount of \$50. If you have any questions, please contact me.

Sincerely,

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

enclosure

7343-3



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

June 18, 2019

7343-3

Jake Peters
29376 398th Ave
Wagner SD 57380

Dear Mr. Peters:

I am writing in follow-up to your phone conversation with Eric Gronlund in our program concerning the need for an ownership change on Water Permit No. 7343-3.

Enclosed is a partially completed Notice of Transfer of Ownership form for filing an ownership change. Please review the form and make any necessary corrections. Upon completion, please sign the form and return it to our office with a required filing fee of **\$50.00**. The check or money order for the fee can be made payable to the Water Rights Program.

I have included a copy of the water permit for you to keep for your records. If you have any questions, please let us know.

Sincerely,

Genny McMath
DENR - Water Rights Program
605 773-3352

enclosures

NOTICE OF TRANSFER OF OWNERSHIP

PAID

JUN 28 2019

Ck# 1566

RECEIVED

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

JUN 28 2019

WATER RIGHTS
PROGRAM

No. 7343-3

Date: 6-24-2019

I/We request that Water Permit No. 7343-3

formerly owned by: Rosemary Peters

be transferred to: (name & address)

Jake Peters
29376 398th Ave
Wagner, SD 57380

Telephone No. 605-321-5444

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

248 acres - S ½ Section 18, T96N, R62W

I/We understand that the validity of Water Permit No. 7343-3 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 Jake Peters, the new owner, certify that the above information is true and correct.

Jake Peters
(Signed by new owner)

NOTE: Water permits may be cancelled for nonconstruction 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 Environment and Natural Resources

Date June 28

, 20 19

Jake Peters 29376 398th Ave Wagner SD 57380

RECEIVED OF _____

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. _____		
Fee for Filing Transfer Form <u>7343-3</u>		
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. **09162**

By

Jeanne Goodman
Chief Engineer
jm



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

July 1, 2019

7343-3

Jake Peters
29376 398th Ave
Wagner SD 57380

Dear Mr. Peters:

I am writing to acknowledge receipt of the transfer form and filing fee you submitted for changing ownership on Water Permit No. 7343-3.

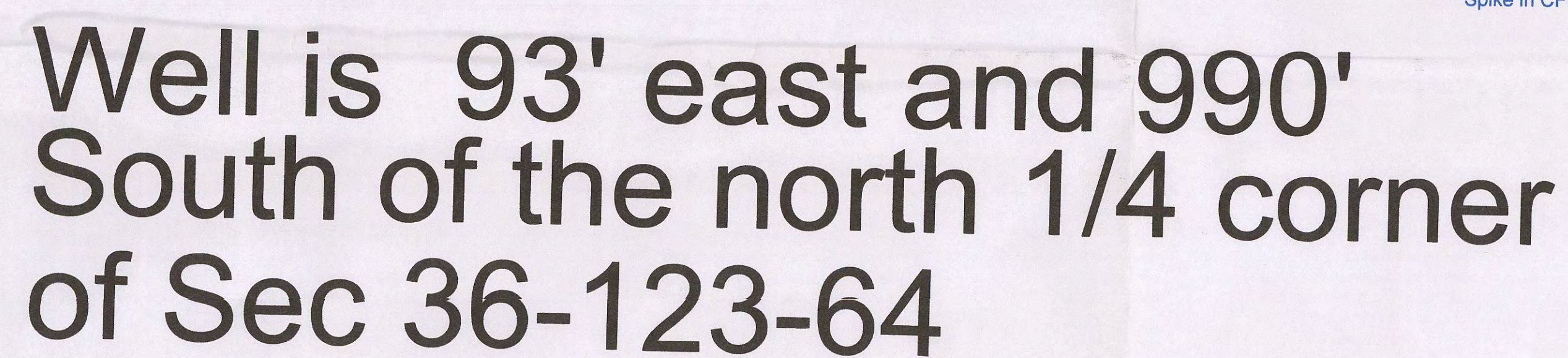
The ownership change has been completed. Water Permit No. 7343-3 formerly held by Rosemary Peters is now listed in your name.

Enclosed for your records is Receipt No. 09162 in the amount of \$50. If you have any questions, please let us know.

Sincerely,

Genny McMath
DENR - Water Rights Program
605 773-3352
Email: genny.mcmath@state.sd.us

enclosure



Magenta line is drain tile

38749-135th Street
Aberdeen, South Dakota 57401

Blocks 1, 2, 3, 4, 5, and Lots 1, 2, and 3, Block 6,
H & S First Subdivision in the North Half of
Section 36, Township 123 North, Range 64 West
of the 5th P.M., Brown County, South Dakota.

BLOCK 1
(AREA = 27.31 Ac.)

Current Zoning.....I-2
Building Setback Requirements:
Front Yard.....25'
Side Yard.....0'
Rear Yard.....0'
Flood Hazard Zone...AE**
**Except Area Removed by Filling

Plant and Stockyard Area.....294,000 sq. ft.
Rendering.....48,475 sq. ft.
Total Building Area.....342,475 sq. ft.
Designated Handicapped Parking Spaces--None at this time.
Estimated Other Parking Spaces:
 *Visitors.....10
 *Employees.....500
*(Spaces are not striped-estimated @ 12' per space)

LOT 3, SOUTH SIDE INDUSTRIAL SUBDIVISION
(Harlan and Don Young)

Scale: 1"=100'

LOT 3, SOUTH SIDE INDUSTRIAL SUBDIVISION
(Harlan and Don Young)