

6343A-3

RECEIVED

JUN 22 2016

WATER RIGHTS
PROGRAM

NOTICE OF TRANSFER OF OWNERSHIP

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

No. 6343-3

Date: 6/22/16

I/We request that Water Right/Permit No. 6343-3

formerly owned by: Peterson Farms

be transferred to: (name & address) Lenny Peterson, 19111 Maple Avenue, Hitchcock SD 57348

Telephone No. 605 354-4062

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

Portion of water right associated with NW ¼ Section 11, T113N, R63W

I/We understand that the validity of Water Right/Permit No. 6343-3 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 _____, the new owner, certify that the above information is true and correct.


(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 6/22, 20 16

RECEIVED OF Lenny Peterson 19111 Maple Ave Hitchcock SD 57348

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>6343--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. **07863**

By J. Ann Goodman
Chief Engineer



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

6343A-3
6343-3

SEP 12 2016

Lenny Peterson
19111 Maple Ave
Hitchcock SD 57348

Dear Mr. Peterson:

Enclosed is Water License No. 6343A-3. Due to ownership changes filed by you and Brad Peterson, Water Right No. 6343-3 was divided and reissued to reflect separate ownership as follows:

- **No. 6343A-3 – Lenny Peterson, 19111 Maple Avenue, Hitchcock SD 57348** authorizing diversion of 1.78 cfs from one well located in the center of the NW $\frac{1}{4}$ Section 11 to irrigate 132 acres in the NW $\frac{1}{4}$ Section 11, all in T113N, R63W.
- **No. 6343B-3 – Twisted Land and Cattle, 19026 391st Avenue, Hitchcock SD 57348** authorizing diversion of 1.78 cfs from one well located in the SW $\frac{1}{4}$ Section 2 to irrigate 132 acres in the SW $\frac{1}{4}$ Section 2, all in T113N, R63W.

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. 6343A-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.

Your receipt in the amount of \$50 which you paid for filing the ownership change is enclosed. If you have any questions, please contact our office.

Sincerely,

Jeanne Goodman, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

STATE OF SOUTH DAKOTA
REISSUED WATER LICENSE NO. 6343A-3
DIVISION OF NO. 6343-3 INTO 6343A-3 & 6343B-3

(1) Peterson Farms, Hitchcock SD was issued Water License No. 6343-3, May 16, 2008 for a water right to divert 3.56 cubic feet of water per second (cfs) from ground water, two wells (Tulare Western Spink Hitchcock Aquifer), located in Beadle County, South Dakota and used for irrigation purposes. Water License No. 6343-3, with a priority date of July 26, 2002 was issued to the permit holder for diversion of water with construction of the described water supply system and the application to beneficial use of water completed.

On June 22, 2016 and September 7, 2016, ownership changes were filed with Water Right No. 6343-3. The water license is being divided and reissued to reflect separate ownership as follows:

- **No. 6343A-3 – Lenny Peterson, 19111 Maple Avenue, Hitchcock SD 57348** authorizing diversion of 1.78 cfs from one well located in the center of the NW $\frac{1}{4}$ Section 11 to irrigate 132 acres in the NW $\frac{1}{4}$ Section 11, all in T113N, R63W.
- **No. 6343B-3 – Twisted Land and Cattle, 19026 391st Avenue, Hitchcock SD 57348** authorizing diversion of 1.78 cfs from one well located in the SW $\frac{1}{4}$ Section 2 to irrigate 132 acres in the SW $\frac{1}{4}$ Section 2, all in T113N, R63W.

(2) It is certified that the water right holder has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 1.78 cubic feet of water per second for beneficial use. The location of the diversion point is:

- 1,320' S and 1,320' E of the NW corner of Section 11, T113N, R63W (center of the NW $\frac{1}{4}$ Section 11)

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

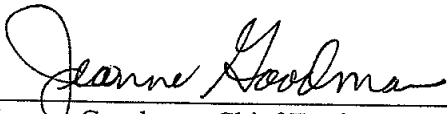
Section 11, T113N, R63W	NW $\frac{1}{4}$ NW $\frac{1}{4}$	33 acres
	NE $\frac{1}{4}$ NW $\frac{1}{4}$	33 acres
	SW $\frac{1}{4}$ NW $\frac{1}{4}$	33 acres
	SE $\frac{1}{4}$ NW $\frac{1}{4}$	33 acres
	Total	132 acres

(4) Pursuant to South Dakota Water Law 46-5-30.1 Lenny Peterson, 19111 Maple Avenue, Hitchcock SD 57348 the holder and/or owner of Water Right No. 6343A-3 is issued a license to appropriate water, the right to use 1.78 cubic feet of water per second from ground water, one well (Tulare Western Spink Hitchcock Aquifer) with a priority date of July 26, 2002 from the location specified in (2) of this license for irrigation purposes.

continued

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 6343-3 and subject to the following qualifications:

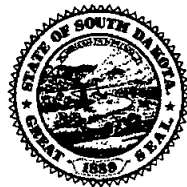
- The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
- The well authorized by Permit No. 6343A-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. *The well was drilled by Pullman Well Drilling. A copy of the well log is on file with the Water Rights Program.*
- This Permit is approved subject to the irrigation water use questionnaire being submitted each year.



Jeanne Goodman, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

SEP 12 2016

date

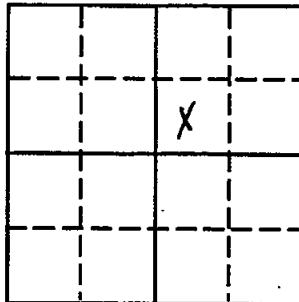


SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SW 1/4 NE 1/4 Sec 11 Twp 113 Rg 63County Center NW 1/4 NorthBeadle

Please mark well location with an "X"



Well Completion Date

4/14/2004

Distance to nearest potential pollution source (Septic tank, abandoned well, feed lot, etc.)

? ft. from In Pasture (identify source)

PROPOSED USE:

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

METHOD OF DRILLING:

Reverse

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	IN	FT	FT	IN
	<u>16.00</u>	<u>0.0</u>	<u>100.0</u>	<u>24.00</u>

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
		Lb/gal	0.0 Ft	25.0 Ft
<u>Cement</u>	<u>50</u>			

Describe grouting procedure

SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 16.00 Inches Length 15.0 FeetMaterial Stainless SteelSlot Size .060 Set From 100.0 Feet to 115.0 Feet

Other information

WAS A PACKER OR SEAL USED?

☒ Yes ☐ NoIf so, what material? Gravel

Describe packer(s) and location

Gravel Packed

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? Pellets☐ No, Why Not?

Lab sample sent to for water quality analysis

Well Owner: Lenny PetersonBusiness Name: Peterson FarmsAddress: 1911 Maple AveCity, State, Zip: Hitchcock SD 57348

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
Yellow Clay	0	30
Yellow w/ Rock	30	35
Blue Clay	35	43
Coarse Sand w/ Gravel	43	60
Coarse Gravel	60	75
Coarse Sand w/ Coal	75	80
Gravel w/ Coal	80	90
Gravel w/ Pearrock	90	110
Med Sand w/ Clay Breaks	110	115

STATIC WATER LEVEL

22

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:☐ Bailed☐ Other

Pumping Level Below Land Surface

Ft. After Hrs. pumped GPM

Ft. After Hrs. pumped GPM

If pump installed, pump rate: GPM

REMARKS

This well was drilled under license # 440

And this report is true and accurate.

Drilling firm: Pullman Well Drilling Inc.

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

RECEIVED

Date:

9-7-04

SEP - 9 2004

WATER RIGHTS PROGRAM

Permit No. 6343-3
James River - Water District

Report Of Examination Of Works And/Or Application of Water To Beneficial Use

TO: Chief Engineer, Water Rights Program, DENR, Foss Bldg., Pierre, SD 57501

I have this day, September 12, 2007, made a thorough examination of the water use system constructed by Peterson Farms care of Lenny Peterson, 19111 Maple Avenue, Hitchcock SD 57348 holder of Permit No. 6343-3, bearing the priority of July 26, 2002 authorizing the total diversion of as reissued 3.84 cu. ft. per second from the Tulare:Hitchcock Aquifer for irrigation purposes, in Beadle County.

I have to report on the conditions of the same as follows:

A. Works used to divert the water:

Two wells are in place with a diesel powered turbine shaft pump system that Lenny Peterson indicates are each capable of producing 1.78 cfs (800 gpm).

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

Well heads are near the pivot points. Water from the well is conveyed to the pivot point in an above ground 8 inch pipeline. The systems are powered by 110 hp diesel motor (note: This is the diesel motor rating, the rating on the turbine gear drives is 60 and 80 hp). Peterson Farms is undertaking an effort to convert many of their systems to electrical power. It is unknown whether these will be converted

C. Works used to apply water to beneficial use:

Two 8 tower T-L center pivots

The system is in the following condition excellent. The points of diversion (wells) are located specifically at Lat/Lon - N44.622556 W-098.377361 & Lat/Lon - N44.614694 W-098.377083 which referenced from the SW corner of Section 2, T113N, R63W are 1,546 feet north and 1,320 feet east & 1,320 feet south and 1,320 feet east.

The works are capable of diverting 3.56 cfs from two wells which is to be used for irrigation. Water has been put to beneficial use to the maximum extent as follows:

All in T113N, R63W

Section 2		Section 11	
NW ¼ SW ¼	33 acres	NW ¼ NW ¼	33 acres
NE ¼ SW ¼	33 acres	NE ¼ NW ¼	33 acres
SW ¼ SW ¼	33 acres	SW ¼ NW ¼	33 acres
SE ¼ SW ¼	33 acres	SE ¼ NW ¼	33 acres

This breakdown of acres is a best estimate based on 1) information provided by the applicant, 2) viewing the orthoquadrangle using ArcMap, and 3) calculating the area based on the pivot radius.

comprising a total of 264 acres of land and the license should be issued for 3.56 cfs from the well
 Applicable permit qualifications have been complied with: **Yes**

Exceptions to compliance are: none Date Report Completed: October 29, 2007


 Eric Gronlund
 Natural Resources Engineer
 DENR, Water Rights Program

FIELD INVESTIGATION REPORT FOR PERMIT NO. 6343-3

DATE OF INVESTIGATION:	September 12, 2007
NAME & ADDRESS OF PERMIT HOLDER	Peterson Farms c/o Lenny Peterson 19111 Maple Avenue Hitchcock SD 57348
NAME & ADDRESS OF INVESTIGATION CONTACT/ RELATIONSHIP TO PERMIT HOLDER, IF APPLICABLE	Lenny Peterson (partner)
DIVERSION POINT LEGAL LOCATION	Approx. centers of the SW ¼ Section 2 and the NW ¼ Section 11, T113N, R63W

Other permit(s) associated with the project: the diversion rate acreage amount for corners under Water Permit No. 6343-3 were transferred to Permit No. 6201A-3. The water permit was reissued to reflect this change.

WELL INFORMATION:

- 1) Well Drilling Firm: **Pullman Drilling**
- 2) No. of Wells two
- 3) Depth(s) 82 and 115 feet
- 4) Well logs available Yes
- 5) Comment:

Casing:

- 1) Diameter 16 inches
- 2) Length 67 and 100 feet
- 3) Type plastic

Screen:

- 1) Type stainless steel
- 2) Length both 15 feet
- 3) Static water level 14 and 22 feet

Pump:

- 1) Make both Western Land Roller Amarillo
Gear Drive
- 2) Model both 560A (serial on one 2509240)
- 3) Size
- 4) Capacity 800 GPM

Motor:

- 1) Make John Deere
- 2) Model No. both 4045 Models C110HP4
(Serial No. on one is 1T1952)
- 3) Horsepower rating 60 & 80 hp (on gear drive)

SYSTEM TYPE:

Center pivot:

- 1) Make T-L
- 2) Overall length approx. 1,320 feet
- 3) Number of towers 8 tower
- 4) Distance between towers _____ feet
- 5) End gun Yes (length with gun 1,350 feet)
- 6) High or low pressure low
- 7) Capacity 800 GPM

CHEMIGATION EQUIPMENT: Yes

PERMIT QUALIFICATIONS:

- 1) Special qualifications to permit being abided by Yes
- 2) All structures, wells and lands on map Yes
- 3) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Yes

COMMENTS:

- Irrigation questionnaires indicate irrigation began in 2003. Based on well completion reports wells were drilled in April 2003 and April 2004. The system in the SW ¼ was in place a year prior to the system in the NW ¼ Section 11.