

SOUTH DAKOTA
WATER PERMIT NO. 6408B-3
(DIVISION OF NO. 6408-3 INTO NOS. 6408A-3 AND 6408B-3)

Date of first receipt of application April 14, 2003.

The Chief Engineer, on behalf of the Water Management Board, issued Water Permit No. 6408-3 to Gordon Bleeker 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. 6408-3 appropriated 3.56 cubic feet of water per second (cfs) from 4 wells (Big Sioux:North Aquifer) 37-45 feet deep to irrigate 280 acres located in the NE ¼ Section 21 and NW ½ Section 22, T115N, R52W. Two of the wells are to be located in the SW ¼ NE ¼ and center of Section 21 and two wells are to be located in the SW ¼ NW ¼ Section 22, T115N, R52W.

On March 9, 2009, ownership changes were filed with Water Permit No. 6408-3. Water Permit No. 6408-3 is being divided and reissued to reflect separate ownership as follows:

- **Water Permit No. 6408A-3, Barry Little, 45696 SD Hwy 22, Castlewood SD 57223** authorizing diversion of 153 cfs from two wells located in the SW ¼ NW ¼ Section 22, T115N, R52W to irrigate 120 acres in the NW ¼ Section 22, T115N, R52W.
 - **Water Permit No. 6408B-3, Gordon Little, 45676 176th St, Watertown SD 57201** authorizing diversion of 2.03 cfs from two wells located in the center of Section 21 and the SW ¼ NE ¼ Section 21, T115N, R52W to irrigate 160 acres in the NE ¼ Section 21, T115N, R52W.
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 14, 2003.
 4. The date of approval of Permit No. 6408B-3 (based on No. 6408-3) is August 11, 2003.
 5. One-fifth of the construction is to be completed on or before February 11, 2006.
 6. All construction is to be completed on or before August 11, 2008.
 7. Water is to be put to beneficial use on or before August 11, 2012.
 8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

continued

QUALIFICATIONS

The wells 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 wells authorized shall be constructed by a licensed well driller and construction of the wells and installation of the pumps 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.

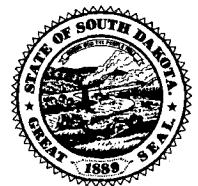
This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

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

MAR 27 2009

date



NOTICE OF TRANSFER OF OWNERSHIP

RECEIVED

MAR - 9 2009

WATER RIGHTS
PROGRAM

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

No. 6408-3 (6408B-3)

Date: _____

I/We request that Water Permit No. 6408-3

formerly owned by: Gordon Bleeker

be transferred to: (name & address) Gordon Little 45676 176th
Watertown, S.D. 57201
Telephone No. 605-881-6422

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

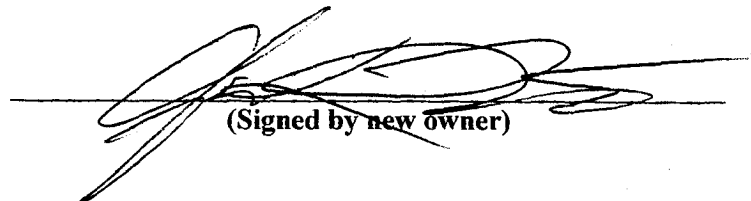
NE 21 115 52 Huron

I/We understand that the validity of Water Permit No. 6408-3 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 Two Dollars and Fifty Cents (\$2.50) 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 Gordon Little, 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 3/9, 20 09

RECEIVED OF Barry Little 45696 SD Hwy 22 Castlewood SD 57223

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>6408-3 (6408B-3)</u>	3	50
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	2 50

No.

04009

By

Sandra E. Eide
Chief Engineer



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

MAR 27 2009

6408B-3

Gordon Little
45676 176th St
Watertown SD 57201

Dear Mr. Little:

Enclosed is your Water Permit No. 6408B-3. Based on the ownership changes filed March 9, 2009, Water Permit No. 6408-3 was divided and reissued to reflect separate ownership. Also enclosed is your Receipt No. 04059 in the amount of \$2.50 which was paid for filing the ownership change.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the wells authorized by Water Permit No. 6408B-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 Permit, South Dakota Water Laws provide that you have a continuing right to the use of the water. If you have any questions, please contact Genny McMath with our program at (605) 773-3352.

Sincerely,

Garland Erbele, Chief Engineer
Water Rights Program

enclosures

Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 6408B-3

I have this day, May 1, 2023, made a thorough examination of the water use system constructed by Gordon Little; 45676 176th St, Watertown, SD 57201 of Permit No. 6408B-3, bearing the priority of April 14, 2003 authorizing the diversion of 2.03 cu. ft. per second of the waters of the BigSioux:North Aquifer for irrigation purposes, in Hamlin County.

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Pullman Well Drilling Inc. (drilled in July, 2004)
- 2) No. of Wells: 1
- 3) Depth: 41 feet
- 4) Well log is available Y

Casing:

- 1) Diameter: 16 inches
- 2) Length: 31 feet
- 3) Type: Plastic

Screen:

- 1) Type Stainless steel
- 2) Length: 10 feet
- 3) Static water level: 15 feet

Pump:

- 1) Make Flowserve (Turbine)
- 2) Model 100
- 3) Capacity 750 GPM

Motor:

Make Emerson
Model No. Unknown
Horsepower rating 30 hp

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

- 1) Type Buried PVC
- 2) Size 6 inches
- 3) Length 135 feet

C. Works used to apply water to beneficial use:

Center pivot:

- Make T & L
- Overall length 1330 feet
- Number of towers: 7
- End gun Y
- Capacity 750 GPM

Chemigation Equipment: None

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by Y
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Y

E. Condition and Location:

1. The system is in good condition with the point(s) of diversion located as follows: Well location - From the NE corner Sec 21 T115N R52W, 1525 ft S & 1370 ft W, Lat 44.75649 Lat -97.07267 (SW ¼ NE ¼).
2. The works are capable of diverting and conveying to the place of use 1.67 cu. ft. per second of water which is to be used for irrigation. Water has been put to beneficial use to the maximum extent as follows:

All land is located in Sec 21 T115N R52W

NW ¼ NE ¼ 34 acres

NE ¼ NE ¼ 34 acres

SE ¼ NE ¼ 34 acres

SW ¼ NE ¼ 34 acres

comprising a total of 136 acres of land and the license should be issued for 1.67 cfs

3. All structures, wells and lands on map Y

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

The irrigated acreage was determined with the aid of FSA imagery and ArcMAP software.

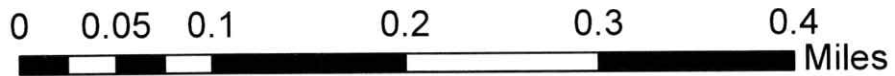
The pump rate reported in a recent Irrigation Questionnaire was used to establish the system flow capacity.

The mailing address is current, but the new contact phone number is 605/881-6422 (cell).



Darrell W DeBoer
Water Rights Inspector
DANR, Water Rights Program

Date report completed: May 2, 2023



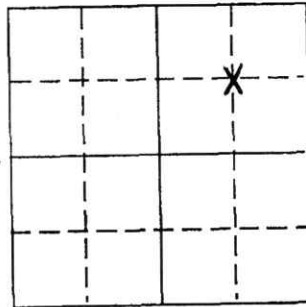
SOUTH DAKOTA WATER WELL COMPLETION REPORT

Location SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec 21 Twp 115 Rg 52

County

Hamlin

North



Please mark well location with an "X"

Well Completion Date

7/15/2004

Distance to 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:

Reverse

CASING DATA: ☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT	IN	FT	FT	IN
	16.00	0.0	31.0	24.00

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
		Lb/gal	0.0 Ft	20.0 Ft
Cement	55			

Describe grouting procedure _____

SCREEN: ☐ Perforated pipe ☒ Manufactured

Diameter 16.00 Inches Length 10.0 Feet

Material Stainless Steel

Slot Size .060 Set From 31.0 Feet to 41.0 Feet

Other information _____

WAS A PACKER OR SEAL USED? ☒ Yes ☐ NoIf so, what material? Gravel

Describe packer(s) and location _____

Granite

DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? Pellets☐ No, Why Not? _____

Lab sample sent to for water quality analysis _____

Well Owner: Gordon Bleeker

Business Name: _____

Address: RR 1 Box 38City, State, Zip: Castlewood SD 57223

WELL LOG:

DEPTH

FORMATION	FROM	TO
Yellow Clay	0	5
Yellow Coarse Sand	5	25
Gravel	25	30
Yellow Coarse Sand	30	35
Pearock	35	40
Yellow Clay	40	41

STATIC WATER LEVEL 15 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:

Ken Palmer

Signature of Well Owner or Equitable Property Holder: _____

Date: 10-27-04



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

MAY 08 2023

6408B-3

Gordon Little
45676 175th St
Watertown SD 57201

Dear Mr. Little:

Enclosed is Water License No. 6408B-3. This is the final water right document completing your process of obtaining a Water Right. Included with your license is a map prepared by the staff engineer who conducted the field investigation.

For your information SDCL 46-6-27 requires that if in the future, the owner of an existing well, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

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

Sincerely,

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

enclosures

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 6408B-3

(1) Gordon Little, 45676 176th St., Watertown SD 57201 was issued Water Permit No. 6408B-3, March 27, 2009, for a water permit to divert 2.09 cubic feet of water per second from ground water (two wells) Big Sioux North Aquifer, Hamlin County, South Dakota for irrigation purposes. Permit No. 6408B-3, with a priority date of April 14, 2003 (established under Water Permit No. 6408-3) was issued to the permit holder for diversion of water with construction of the described water supply system to have been completed on or before August 11, 2008, and for the application to beneficial use of water on or before August 11, 2012.

Water Permit No. 6408-3, held by Gordon Bleeker authorized up to four wells to irrigate 280 acres. Based on ownership changes filed in 2009, the water permit was divided into 6408A-3 and 6408B-3. A priority date of April 14, 2003 was retained for both permits.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the water supply system and is entitled to divert 1.67 cubic feet of water per second for beneficial use. The location of the diversion point is:

- 1,525'S and 1,370'W of the NE corner of Section 21, T115N, R52W (SW $\frac{1}{4}$ NE $\frac{1}{4}$)
Latitude 44.75649, Longitude -97.07267

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

Section 21, T115N, R52W	NW $\frac{1}{4}$ NE $\frac{1}{4}$	34 acres
	NE $\frac{1}{4}$ NE $\frac{1}{4}$	34 acres
	SE $\frac{1}{4}$ NE $\frac{1}{4}$	34 acres
	SW $\frac{1}{4}$ NE $\frac{1}{4}$	34 acres
	Total	136 acres

(4) Pursuant to South Dakota Water Law 46-5-30.1 Gordon Little, 45676 176th St, Watertown SD 57201 the holder and/or owner of Water Right No. 6408B-3 is issued a license to appropriate water, the right to use 1.67 cubic feet of water per second from ground water, one well (Big Sioux North Aquifer) with a priority date of April 14, 2003 from the location specified in (2) of this license for irrigation purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 6408B-3 and subject to the following qualifications:

- The well approved under this water right will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this water right shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

continued

- The wells authorized by Permit No. 6408B-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with the Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28. *Only one well was drilled for this permit. The well was drilled in July 2004 by Pullman Well Drilling Inc. A copy of the well completion report is on file with the Water Rights Program.*
- This Water Right is approved subject to the irrigation water use questionnaire being submitted each year.

Eric Gronlund

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

MAY 08 2023

date

