

No. 4697-3
 Map No. 3907-3 Water Division No. 3 Big Sioux River District
 Above for Office Use

APPLICATION FOR PERMIT To Appropriate Water within the State of South Dakota

Check one of the following:

New ☒ Vested Right _____ Future Use _____

Change in Diversion _____ Additional Diversion _____

Change in Acreage _____ Additional Acreage _____

1. Name of Applicant DEAN A. DUFF Phone No. 693-4177
 Post Office Address RFD 2 BROOKINGS State SD 57006
 (Street, RR, or Box) (Town) (Zip Code)
 If a corporation show date and place of incorporation _____

2. Method of accomplishing work (contract, employment of others, or by direct labor) CONTRACT3. Name of diversion work DEAN A. DUFF IRRIGATION PROJECT #14. Amount of water claimed (cubic feet per second) 4.57 CFS5. Source of water supply 4 WELLS

6. Location of point of diversion WELL #1 - 3500 FT. N 140° W OF NE CORNER OF SEC. 18;
WELL #2 - 2575 FT N 4° E OF SW CORNER OF SEC. 8; WELL #3 - 2840 FT
N 156° W OF NE CORNER OF SEC. 2; WELL #4 - 3300 FT County BROOKINGS
N 131° W OF NE CORNER OF SEC. 2, T11N, R47W

7. Annual period or periods during which water is to be used APRIL - OCTOBER8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) IRRIGATION9. For irrigation use, Total number of acres to be irrigated 320 ac

List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each.

Land Description	No. Acres Irr.
<u>SEE ATTACHED</u>	

Land Description	No. Acres Irr.

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 5 years. Additional time required
 to complete application of water to the proposed beneficial use _____ years.

11. Choice of county newspaper for publication of Notice of Intent to Appropriate Water BROOKINGS REGISTER

12. Principal Features of the Proposed Water Supply System

A. Works proposed to divert water from its natural source.

TURBINE PUMPS.

B. Works proposed to transport water to place of use.

BURIED PIPE LINES

C. Works proposed to apply water to beneficial use.

CENTER PILOTSEstimated Total Cost \$ 144,000

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map.
 (see instructions concerning preparation.)

STATE OF SOUTH DAKOTA)

County of BROOKINGS) ss.

I, DEAN A. DUFF the applicant, certify that I have read the foregoing application
 and have examined the attached map and that the matters therein stated are true and that I intend, and am able to
 complete the necessary construction.

Signed Dean A. DuffSubscribed and sworn to before me this 25th day of FEBRUARY, 19 81Marcell W. DeBor
Notary Public (or other qualified officer)

DEAN A. DUFF

LAND DESCRIPTION

NW ¹ / ₄ , SE ¹ / ₄ , SEC 18, T111N, R49W)	33 ac
NE ¹ / ₄ , " " " "	20
SE ¹ / ₄ , " " " "	24
SW ¹ / ₄ , " " " "	33

120 ac

NW ¹ / ₄ , SW ¹ / ₄ , SEC 8, T111N, R49W)	38 ac
NE ¹ / ₄ , " " " "	38
SE ¹ / ₄ , " " " "	22
SW ¹ / ₄ , " " " "	22

120 ac

NW ¹ / ₄ , NE ¹ / ₄ , SEC 8, T111N, R49W)	30 ac
NE ¹ / ₄ , " " " "	20
SE ¹ / ₄ , " " " "	5
SW ¹ / ₄ , " " " "	25

80 ac

WATER RIGHT APPLICATION APPROVAL

The Water Management Board hereby approves Water Right Application No. 4697-3

DEAN A DUFE

(Applicant)

Rt #2, BROOKINGS

(Post Office Address)

SOUTH DAKOTA 57026

(State)

With the following qualifications:

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

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

Date of first receipt of application March 4, 19 81
 Date of return to applicant for correction, amendments or changes required March 9, 19 81
 Date of receipt of corrected application April 10, 19 81
 Approved May 1, 19 81, Recorded in Book 22 Page 138

WATER RIGHT PERMIT NO. 4697-3

The Water Management Board hereby grants and issues this Water Right Permit No. 4697-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as qualified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is March 4, 19 81
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before November 1, 19 83
3. The whole of said work is to be completed on or before May 1, 19 86
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is May 1, 19 86
5. The water appropriated shall be used for the purpose of Irrigation

6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.

7. The amount of the appropriation herein granted shall not exceed 4.57 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and if for irrigation purposes said appropriation must be limited to not more than 2 acre feet per acre per year and be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied

for irrigation on or before May 1, 19 86; said water to be used during the following described annual period: April - October

Witness my hand this 19th day of May, 19 81

THE WATER MANAGEMENT BOARD

By:

John Hatch
 Chief Engineer, Water Rights

JOHN HATCH

Certificate of Construction Issued _____, 19 _____

Water License Issued _____, 19 _____

D. Well Information

- WELL #1 63'
#2 54'
#3 31'
#4 17'
- (1) Drill Hole, Diameter 20 IN., Depth 17'
- (2) Casing, Type STEEL, Diameter 14 IN., Thickness -
- (3) Screen, Type STAINLESS STEEL, Diameter 14 IN., Length -
- (4) Gravel Pack, Thickness 3 IN., Length of gravel pack -

E. Dugout Information or Estimates

- (1) Surface dimensions, -, Depth -

F. Fill out for Either a Well or a Dugout

- (1) Water Bearing Materials. (Attach a copy of test well log)

SEE ATTACHED

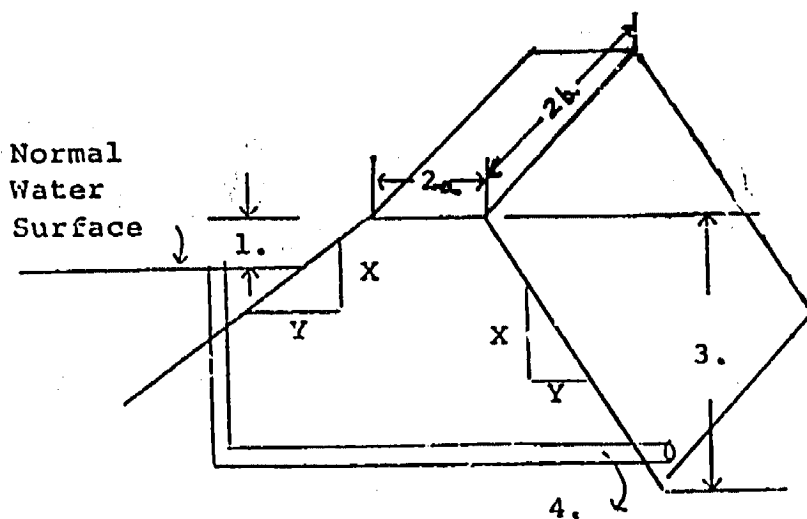
- Depth to top of water bearing material -
- Depth to bottom of water bearing material -
- Depth to water (ground surface to water level) -

- (2) Distance to nearest existing household or livestock watering well.

- On same owner's property - rds.
- On property owned by others - rds.

G. Water Storage Dams

If the proposed water use system contains one or more water storage dams, please show in the space below, the height, length, maximum water depth, surface area, drainage area, storage capacity, dam slope, dimensions, location and size of outlet works, of each storage dam. The location of each water storage dam should be shown on the water right map.



1. Freeboard -
- 2a Crest width -, b. length -
3. Height of Dam -
4. Outlet dimensions:
Pipe diameter -
Spillway width -
X & Y slope:
Upstream -
Downstream -
Surface area of impoundment -
Drainage area above dam -

Walter A. Bluff
Signature of Applicant

Affidavit of Publication

State of South Dakota

County of Brookings

55

Dennis D. Koenders

of said county, being first duly sworn, on oath, says: That he is one of the editors of THE BROOKINGS REGISTER, a daily newspaper, printed and published in the City of Brookings, in said County of Brookings, and State of South Dakota; that he has full and personal knowledge of the facts herein stated; that said newspaper is a legal newspaper and has a bona fide circulation of at least two hundred copies of each issue daily; that said newspaper has been published within the said County of Brookings and State of South Dakota, for more than one year next prior to the first publication of Exhibit "A," hereto attached and herein mentioned, and was and is printed in the office maintained at said place of publication; and that the

Legal No. 223

64 lines x .367

a printed copy of which, taken from the paper in which the same was published, is hereto attached marked Exhibit "A," and is made a part

of this affidavit, was published in said newspaper for Two

successive week(s), to-wit:

April 17, 1981
April 24, 1981
1981
1981

That the full amount of the fee charged for the publication of said Exhibit "A" inures to the sole benefit of the publishers of said newspaper; that no agreement or understanding for the division thereof has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever; that the fees charged for the publication thereof are:

Twenty-three dollars and forty-eight cents

Dollars

Subscribed and sworn to before me this 24th day of

April, 1981

Notary Public in and for the County of Brookings, South Dakota.

My Commission expires

September 6, 1985

Exhibit "A"

Legal No. 223, 2x, April 17, 24
NOTICE OF HEARING
ON APPLICATION TO
APPROPRIATE WATER

Pierre, South Dakota 57501

April 10, 1981

Notice is hereby given that Dean A. Duff whose post office address is Brookings, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-14; 46-2-9 thru 46-2-11, 46-2-13; 46-5-1 thru 46-5-8; 46-5-10 thru 46-5-22, 46-5-41; 46-6-3, 46-6-3.1, 46-6-5, 46-6-6.1, 46-6-10, 46-6-14 and Board Rules AREC 52:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use 4.57 cubic feet of water per second of time from groundwater (four wells) through the Duff Irrigation Project No. 1, the point(s) of diversion of which are to be located in the NW 1/4 SE 1/4, Section 18; NW 1/4 SW 1/4; SW 1/4 NE 1/4 and SE 1/4 NE 1/4, Section 8, all in Twp. 111N, Range 49W. Said water to be used for the purpose of providing irrigation on portions of the following described land: NE 1/4 and SW 1/4, Section 8 and SE 1/4, Section 18, all in T111N, R49W.

This Application No. 4697-3 will be considered by the Water Management Board at the Civil Defense Room, State Capitol Building, Pierre, South Dakota upon the 1st day of May 1981 at 10 A.M. The Board is authorized to make a determination on this application at the hearing. All interested persons may appear and be heard. Any person who may be affected by a Board decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the Board in writing prior to the hearing or orally at the hearing.

This hearing is an adversary proceeding. Any person has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised at the hearing. Decisions of the Board may be appealed to the Courts as provided by law.

Any handicapped person wishing to attend this hearing can contact the Water Rights Division, DWRN, Joe Foss Building, Pierre SD, prior to the hearing date for assistance to assure access to the hearing.

WATER MANAGEMENT BOARD

-s-Betty Westlund

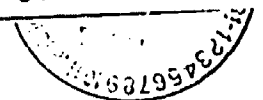
BETTY WESTLUND

Water Rights Specialist

cc: Dean A. Duff

RFD 2

Brookings, SD 57006



APPROVED

SOIL RESTRICTIONS:

THESE SOILS CAN BE IRRIGATED WITH THE FOLLOWING RESTRICTIONS:

RECOMMENDED MANAGEMENT:

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or printed text on the paper.

SOIL/WATER COMPATIBILITY APPLICATION FORM
STATE CONSERVATION COMMISSION
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE

4697-3

MAR 13 1981

South Dakota
Division of Conservation

OWNERS NAME: DEAN A. DUFF.

OWNERS ADDRESS: RR 2

COUNTY LAND LOCATED IN: BROOKINGS. PHONE: 693-4177.

BROOKINGS, SD.

TENANT'S NAME AND ADDRESS: (If Other Than Owner) _____

In accordance with State Law SDCL 46-5-6.5, if a water right is granted with a conditional permit (Soil/Water Compatibility), a copy of such conditional permit must be filed with the County Register of Deeds.
This action must be taken by the holder of a water right within 6 months of receipt of such water right.

LEGAL DESCRIPTION: (Show Legal Description to Nearest 10 Acres.)

1. WELL LOCATION OR DIVERSION POINT: 4 WELLS - SEE SOILS MAP

2. SURFACE WATER SOURCE _____

3. LOCATION OF AREA TO BE IRRIGATED: SE 1/4, SEC 18; SW 1/4, SEC 8; NE 1/4, SEC 8, T11N, R14W

4. INDICATE NON-IRRIGATED AREAS AND (APPROX.) ACRES ON MAP: (Farmstead, shelterbelts, wetlands, etc.)

5. TYPE OF IRRIGATION: (Show approximate acres under each type of system)

6. GRAVITY _____ TOWLINE _____ CENTER PIVOT ☒ GUN _____ OTHER (Specify) _____

7. CROPS TO BE IRRIGATED CORN

8. SHOW ANY PORTION OF LAND THAT PRESENTLY HOLDS AN IRRIGATION PERMIT: YEAR OBTAINED: _____

LAND: _____

IN WHAT NAME: _____

WATER QUALITY: (TO BE COMPLETED BY SDSU WATER QUALITY LABORATORY)

9. SAMPLE NUMBER: 81-173 (NE Sec. 8) 81-174 (NE Sec. 8) 81-175 (SW Sec. 8) 81-176 (SE Sec. 8)

10. SALINITY (EC x 10⁶) 660 700 240 620

11. SODIUM (SAR) 0.17 0.20 ADJUSTED (SAR) 0.40 0.46 0.45 0.41
0.18 0.18 0.28 0.32 0.32 0.29

I hereby certify that I personally obtained or that I personally observed the taking of a sample of the water to be used in irrigating the above-described land. I also hereby certify that the required procedures for the taking of the sample (see back) were followed, and that the sample was taken at _____ A.M./P.M., on FEBRUARY 24, 1981, at the following location: SEE ITEM #1

by _____ (individual who took sample if other than applicant). I also hereby certify that the water sample taken has NOT been adulterated or tampered with in any manner, and is TRULY REPRESENTATIVE of the water which will be used in irrigating the above-described land.

I also hereby certify that a chemical analysis of the irrigation water representative of that used to irrigate shall be acquired from South Dakota State University and the soils information has been acquired from _____ Conservation District, County Extension Office or Soil Conservation Service; and further, that the legal description for the location of the well and land to be irrigated is true and correct.

I understand that the Division of Conservation or agents thereof may obtain another water sample for the purpose of validating the water sample analysis taken at the time of application (SDCL 46-5-6.4).

SUBSCRIBED AND SWORN BEFORE ME THIS
25th DAY OF FEBRUARY, 1981.

Harold W. McLean
(NOTARY PUBLIC)

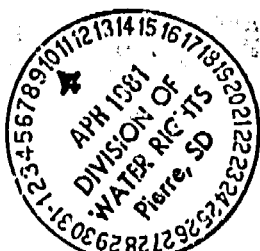
Dean A. Duff
APPLICANT'S SIGNATURE

Scott M. Taylor
Director, Division of Conservation

☒ APPROVED

____ DISAPPROVED

____ CONDITIONALLY APPROVED



IMPORTANT

Action by the Department of Agriculture or the State Conservation Commission is not the final action on any application.

In all cases a WATER RIGHT must be obtained from the State Water Rights Commission.



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

December 28, 1988

4697-3

George Workman
RR #2
Brookings, SD 57006

Dear Mr. Workman:

I am writing in followup to a telephone conversation with Dan Workman in which he indicated you had purchased land formerly owned by Dean Duff. The lands he described are covered under Water Permit No. 4697-3. I have enclosed a copy for your review.

Enclosed is a "Notice of Transfer" form for use in filing an ownership change on portion of Water Permit No. 4697-3. Please review the water permit and complete the transfer form with the portion of the land you purchased. The form will then need to be signed in the presence of a notary public and returned to our office with a \$2.50 filing fee.

Upon receipt of the completed transfer form and filing fee, Water Permit No. 4697-3 will be split into 4697A-3, Dean Duff and 4697B-3, George Workman (or Workman Farms, however you designate ownership).

If you have any questions, please contact me.

Sincerely,

GENNY MCMATH
Natural Resources Analyst
(605) 773-3352

enclosures



NO. _____

NOTICE OF TRANSFER OF WATER PERMIT



TO: Water Rights
Foss Building
Pierre, SD 57501

Date: 12/27/88

This is to notify you that the title to the lands described as follows:

SE 1/4, Sec. 19, T11N, R44W

formerly owned by Dan Duff

has been transferred to Workman Brothers RR#2 Box 59 Brookings
(please include complete mailing address) SD
together with any rights to the beneficial use of water thereon as evidenced by

Water Right Permit No. 46976-3 as provided for in SDCL 46-5-32 and 46-5-33.

You are therefore hereby requested to file this "Notice of Transfer of Water Permit" in its appropriate file at the Div. of Water Rights, Water Management Board as evidence of the change of ownership.

A fee of Two Dollars and Fifty Cents (\$2.50) is hereto attached to cover filing fees as required under SDCL 46-2-13.

STATE OF SOUTH DAKOTA)
County of Brookings) ss.

I, Daniel Workman being first duly sworn on my oath depose and say:
That my relation to the above described undertaking is that of Owner, that I have read the above foregoing statement, and I know of my own personal knowledge that the information herein stated is true.

Daniel Workman
(Signed)

Subscribed and sworn to before me this 31st Day of December, 1988.

Jeanne Stratton
(Notary Public)

JEANNE STRATTON
Notary Public, State of South Dakota
My Commission Expires February 1, 1992

**SOUTH DAKOTA Department of
Water & Natural Resources**

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3131

May 31, 1990

4697-3B

Daniel Workman
Workman Brothers
RR #2 Box 59
Brookings, SD 57006

Dear Mr. Workman:

The inspection of your water use system and the inspection of the extent of application of water to beneficial use, as developed under Water Permit No. 4697-3 been completed. Your final water right document, the Water License, can now be issued.

Upon licensing, Water Permit No. 4697-3 will be split into 4697-3A and 4697-3B to reflect the separate ownership. Water License No. 4697-3A will be issued to Dean Duff and Water License No. 4697-3B will be issued to Workman Brothers.

Statutes require that we charge a \$50.00 fee for the inspection and issuance of the Water License. Upon receipt of the \$50.00 fee from you, we will begin processing your Water License.

South Dakota Water Law 46-5-30.1 requires that a permit holder may not divert water until the \$50.00 license fee has been paid. Please contact us if you have any questions.

Sincerely,

Genny McMath

Genny McMath
Natural Resources Analyst
(605) 773-3352

NOTE: On check or money order, please specify your permit number. This will insure proper handling of the fee.

Permit No. 46978-3BIG SIOUX RIVER Water District 10170202 B.S.M.C.**Report Of Examination Of Works And/Or Application Of Water To Beneficial Use**

TO: Chief Engineer, Division of Water Rights, DWRN, Foss Bldg., Pierre, SD 57501

I have this day made a thorough examination of the water use system constructed by WORKMAN
BROTHERS of BROOKINGS, SD holder of
 Permit No. 46978-3, bearing the priority of March 4, 1987 authorizing
 the diversion of 1.71 cu. ft. per second of the waters of GROUNDWATER (1 WELL)
 for IRRIGATION purposes, in BROOKINGS County.

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

A. Works used to divert the water:

A 64 FOOT DEEP WELL WITH 16" DIAMETER STEEL CASING + 10' OF 1/2" SCREEN
 VALLEY PUMP; HEAD- 176 CODE 700; 700 GPM CAPACITY; SERIAL # 10MM3B.14.11309
 A 40 HP GENERAL ELECTRIC MOTOR; MODEL # SK6237XMS01F; TYPE-K; 1765 RPM;

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

1650 FEET OF 8" PVC UNDERGROUND PIPE

SERIAL # ETJ506106

C. Works used to apply water to beneficial use:

A 7 TOWER VALLEY (CORNER SYSTEM) CENTER PIVOT WITH NELSON END GUN
 LOW PRESSURE SYSTEM (30 PSI); 700 GPM CAPACITY

The system is in the following condition GOOD

The point of diversion is located 2310' WEST + 2600' NORTH OF THE SOUTH-
EAST CORNER OF SECTION 18, T111N, R49W.

The works are capable of diverting and conveying to the place of use 1.56 (700 GPM)
 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 IN SECTION 18, T111N, R49W

NE 1/4 SE 1/4 - 34 ACRES
SE 1/4 SE 1/4 - 30 "
SW 1/4 SE 1/4 - 31 "
NW 1/4 SE 1/4 - 30 "

comprising a total of 125 acres of land and the license should be issued for 1.56 cfsApplicable permit qualifications have been complied with Yes ☒ NoExceptions to compliance are: *5 ACRES IN THE QUARTER SECTION Date 8-18-88

ARE NOT ON THE ORIGINAL PERMIT
 APPLICATION

* entire 1/4 was advertised -
 acreage being licensed is 125
 then the acreage on original permit. 125

Thomas M. Brundage
 (signature)

LICENSE FOR PERMIT NUMBER 4697-31. Legal location of wells: NW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 18, T11N, R49Wdams & structures: One Center Pivot near the center of the SE $\frac{1}{4}$ of Sec. 18
T11N, R49W.2. Well Information: Well Drilling Firm Kaiser
(* Sent 12-14-88)Completion Report Yes ☒ No ☒ No. of Wells 1 Depth 64'Casing a) diameter _____ Screen a) type _____
b) length _____ b) length _____c) type _____ Static Water Level 14'

Pump a) make _____ Motor a) make _____

b) model _____ b) model No. _____

c) size _____ c) horsepower rating _____

d) capacity _____ gpm

e) turbine pump - no. of stages _____

f) operating PSI _____

3. Distribution lines or canals

a) size 8"b) type PVC Undergroundc) length See Map(See examination report
for rest of the information)

4. Dam Information:

a) height to crest _____

b) height to primary spillway _____

c) height to secondary spillway _____

d) crest width _____

e) crest length _____

f) spillway length _____

g) spillway width _____

h) approx. storage _____

i) approx. storage to crest _____

j) date constructed _____

k) inspection sheet completed (Y/N) _____

l) Name of Contractor _____

m) Outlet tubes:

1) diameter _____

2) type _____

3) valved (Y/N) _____

4) valve type _____

5) location on structure _____

n) Category of Dam _____

5. System Type a) sideroll:

- 1) length _____ feet
- 2) diameter of pipe _____
- 3) make, model & number of
sprinklers _____
- 4) spacing of sprinklers _____
- 5) nozzle size _____

c) gun

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____
- 4) hose size _____
- 5) hose length _____

e) gated pipe

- 1) length _____
- 2) diameter _____
- 3) spacing of gates _____

f) portable boom

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____

b) towline:

- 1) length _____ feet
- 2) make, model & number of
sprinklers _____
- 3) spacing of sprinklers _____
- 4) nozzle size _____

d) center pivot

- 1) make _____
- 2) number of towers _____
- 3) distance between towers _____
- 4) overall length _____
- 5) end gun (Y/N) _____
- 6) high or low pressure _____
- 7) make & size of nozzles _____

- 8) capacity (GPM) _____

g) siphons

- 1) size _____
- 2) number _____

NOTE: For Permits with additional wells or changes in well locations, record the following for each well: pumping capacity, date constructed, well driller and if a well log is available.

Indicate any other permit(s) which are associated with project

Permit No. 4695-3 covers
lands in 2 different sections
and now has 2 owners.
The permit will have to
be split.

Yes	No	Check Items
☒	☐	1. Soil and water permit lands agree with lands being irrigated and lands listed on permit?
☒	☐	2. Special qualifications to permit being abided by?
☒	☐	3. All structures, wells and lands on map?
☒	☐	4. Irrigation Questionnaires checked to determine if permit owner started irrigation by end of construction period?
☐	☒	5. Is chemigation used?
☐	☐	6. If yes, does equipment comply with chemigation rules?

REMARKS:

PLEASE COMPLETE
ENTIRE FORM

WELL DRILLERS REPORT
Division of Water Rights
Department of Water & Natural Resources

6/60

Well Owner:

Name

Dean Duff

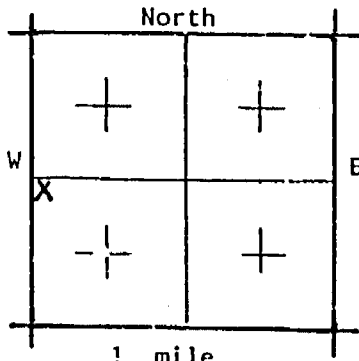
Address

Brookings

Well Location:

North

Mark location
with an "X"



County Brookings

S 1/2 E 1/2 Sec. 10 Twp. 111N Rg. 49W

Proposed Use:

☐

Domestic

☐

Municipal

☐

Test

Holes

☒

Irrigation

☐

Industrial

☐

Stock

Method of Drilling:

☒

Forward Rotary

☐

Bored

☐

Jetted

☐

Reverse Rotary

☐

Cable

☐

Other

Well Construction:

Diameter of Hole

18"

Depth

63'

Casing

☒

Steel

☐

Concrete

☐

Plastic

☐

Other

If other, specify

Was casing end left open

No

Was a well screen installed

Yes

Describe Well Screen

Diameter

14"

Material

SS

Slot size

.150

Was well gravel packed

Yes

Was well grouted

Yes

Was water sample taken

Water Level Information:

Static water level 14' below land surface

If flowing: closed in pressure PSI

rate of flow GPM

Controlled by:

☐ Valve ☐ Reducers ☐ Other

If other; specify

Well Test Data:

☒ Pumped

☐ Bailed

Describe:

☐ Other

Pumping Level Below Land Surface

50 ft. After 14 Hrs. pumped 900 GPM

Well Log:

Formation	Depth	
	From	To
Topsoil	0	1
yellow clay	1	5
gravel (dip)	5	40
yellow clay	46	51
gravel (1/4")	51	63
yellow clay	63	76
blue clay	76	80

(Use Back if Necessary)

Date Completed:

5/16/81

Driller:

Ronald Kaiser

337

Driller's or Firm's Name

License No.

RR #2, Desmet S.D.

Address

Signed By

Date

4/23/82

Remarks:



STATE OF SOUTH DAKOTA

WATER LICENSE NO. 4697B-3

(1) Dean A Duff of Brookings SD 57006 made Application No. 4697-3, March 4, 1981 for a water permit to appropriate 4.57 cubic feet of water per second from groundwater (four wells), Brookings County, South Dakota for irrigation purposes. Permit No. 4697-3 with a priority date of March 4, 1981 was approved May 1, 1981 and issued to applicant(s) for diversion of water with construction of the described water supply system to be completed on or before May 1, 1986 and for the application to beneficial use of said water on or before May 1, 1986.

Water Permit No. 4697-3 was approved for irrigation of 320 acres in the SE 1/4 Section 18 and the SW 1/4 & NE 1/4 Section 8, T111N, R49W. The land in Section 18 has been transferred from Dean Duff to Workman Brothers. The land in Section 8 is still owned by Dean Duff.

Water License No. 4697A-3, Dean Duff and Water License No. 4697B-3, Workman Brothers will be issued for the land actually developed for irrigation under Permit No. 4697-3. A priority date of March 4, 1981 is retained for both licenses.

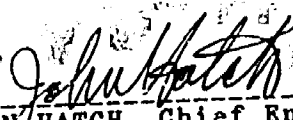
(2) It is certified that the applicant has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 1.56 cubic feet of water per second for beneficial use. The location of the diversion point is: 2310'W and 2600'N of the SE corner of Section 18, T111N, R49W (NW 1/4 SE 1/4).

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

T111N, R49W Section 18			
NE 1/4 SE 1/4	34	acres	
SE 1/4 SE 1/4	30	"	
SW 1/4 SE 1/4	31	"	
NW 1/4 SE 1/4	30	"	

TOTAL 125 acres

(4) Pursuant to Section 46-5-30.1 Workman Brothers of RR 2, Box 59, Brookings SD 57006 the holder(s) and/or owner(s) of Water Permit No. 4697B-3 is issued a license to appropriate water, the right to use 1.56 cubic feet of water per second from groundwater (one well) with a priority date of March 4, 1981 from the location specified in (2) of this license. The water is to be conducted to and upon lands specified in (3) of this license for the purpose of irrigation. This license is subject to any limitations or qualifications listed in Water Permit No. 4697-3 and subject to South Dakota State Law.



JOHN HATCH, Chief Engineer
Water Rights Division
Department of Water and Natural
Resources

JUN 21 1990

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

411573

Pierre, January 4, 1987

RECEIVED OF Workman Farms, Inc., RR 2, Box 40, Brookings SD 57006

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct works 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. Water Permit No. 4697-3	2	50
Fee for Filing Extension Request _____		
Fee for Certified Copy of _____		
Fee for Print Copy of Map _____		
Fee for Certifying _____		
Fee for _____		
(Any Other Work Provided by Law)	Total	2 50

By John Hatch
Chief Engineer JOHN HATCH/KS

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

412254

Pierre, June 5, 1990

RECEIVED OF Workman Brothers RR #2 Box 59, Brookings, SD 57006

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct works 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. Water License No. 4697-38	50	00
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for Certified Copy of _____		
Fee for Print Copy of Map _____		
Fee for Certifying _____		
Fee for _____		
(Any Other Work Provided by Law)	Total	

By John Hatch
Chief Engineer

**South Dakota Department of
Water & Natural Resources**

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

JUN 21 1990

4697B-3

Workman Brothers
RR 2, Box 59
Brookings SD 57006

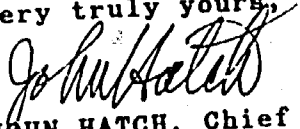
Dear Sirs:

Enclosed is Water License No. 4697B-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed are receipts for the transfer and the inspection and issuance of the Water License.

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. 4697B-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.

Very truly yours,


JOHN HATCH, Chief Engineer
Water Rights Division
(605) 773-3352

enclosures

SOUTH DAKOTA WATER WELL COMPLETION REPORT

07-92

Location 1/4 SE 11E Sec 11E Twp 11N Rg 49W
 County Brookings North 49
 Please mark well location with an "X"
 Well Completion Date 7-2-97
 1 Mile

Well Owner DAN WORKMAN
 Business Name _____
 Address 20212 471st AVE
BROOKINGS, S.D. 57006

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

PIPE DATA: ☒ Steel ☐ Plastic ☐ Other
 Describe _____
 PIPEWEIGHT DIAMETER FROM TO HOLE DIAMETER
19.56 LB/FT 12 IN 7.2 FT 53 FT 17 1/2 IN
 _____ LB/FT _____ IN _____ FT _____ FT _____ IN
 _____ 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 ☒ Manufactured
 Diameter 12 IN Length 10 FEET
 Material STAINLESS STEEL
 Slot Size 25 Set From 53 Feet to 63 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
 _____ NO, Why Not? _____
 Laboratory sent to for water _____
 quality analysis _____

WELL LOG:

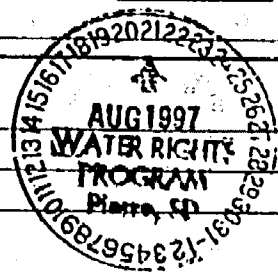
FORMATION	DEPTH	
	FROM	TO
Top Soil	0	4
SAND & GRAVEL	4	30
SAND & CLAY	30	35
SANDY CLAY	35	50
SAND	50	52
GRAVEL & SAND	52	63
COBBLES	63	64
CLAY	64	68

STATIC WATER LEVEL 12 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: _____
☐ Bailed _____
☐ Other _____
 Pumping Level Below Land Surface
 _____ ft After _____ Hrs. pumped _____ GPM
 _____ ft After _____ Hrs. pumped _____ GPM
 If pump installed, pump rate _____ GPM

REMARKS REPLACEMENT WELL NO
WELL TEST DONE.

This well was drilled under license # 381
 And this report is true and accurate.
 Drilling firm LTP ENTERPRISES, INC.
 Signature of Licensee Representative Randy Pullard
 Signature of Well Owner or Equitable Property Holder _____



NOT TO SCALE

4697B-3

67.7

124.5

254 R

10.7

17.1

147.7

18

WELL

129.8

4697

30 ACRES

34 ACRES

8" PVC

CP

31 ACRES

30 ACRES

111-49

79.8

2310'

129.6

Thomas M. Borden

8-18-88

Water Right No. 4697B-3



4697B-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 24, 2013

NOTICE

TO: WORKMAN BROTHERS, DANIEL WORKMAN, 20047 470TH AVE, BROOKINGS, SD 57006

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

SUBJECT: Reporting Requirement for 2012 Irrigation Questionnaire(s)

Our records indicate that the 2012 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 4697B-3. The request for the Questionnaire was dated October 12, 2012. The Water Management Board has directed that owners of water permits who have not submitted the 2012 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 4697B-3 qualification:

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

The hearing will be held at **8:30 am, March 7, 2013** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 4697B-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

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

If the questionnaire(s) is (are) received in this office on/or before **March 4, 2013**, you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. If you prefer, you can complete the questionnaire online at the following link: <http://denr.sd.gov/iq.aspx>

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



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 25, 2013

4697B-3

Daniel Workman
Workman Brothers
20047 470th Ave
Brookings SD 57006

Dear Mr. Workman:

I am writing to acknowledge receipt of your 2012 irrigation questionnaire.

You may disregard the January 18, 2013, "Notice" concerning reporting requirements for Water Right No. 4697B-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

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

4697B-3

Start Date 06 / 1 / 2012 **Stop Date** 10 / 31 / 2012 **Report Selection**
☐ By Angle
☒ By Month
☐ By Event
☐ CSV

workman farms pivot 06/1/2012 - 10/31/2012



Total Hours Power On: 2778.04 Hours
 Total Hours Power Off: 893.96 Hours
 Total Hours Pump On: 550.83 Hours
 Total Hours Pump Off: 3121.16 Hours
 Total Gallons Pumped: 24,787,350 Gallons
 Total Inches Applied: 7.49 inches

Inches Applied

☒ - 2.35 ☒ - 5.14

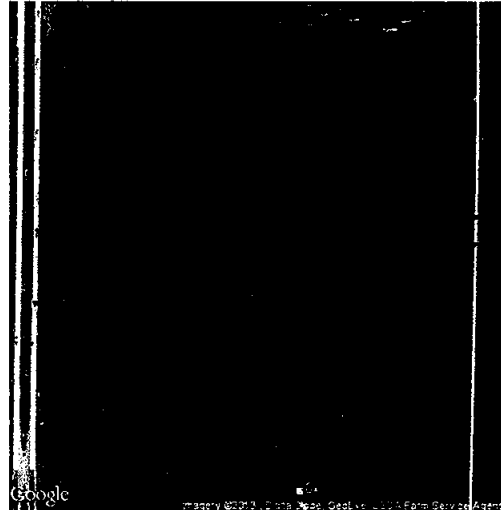
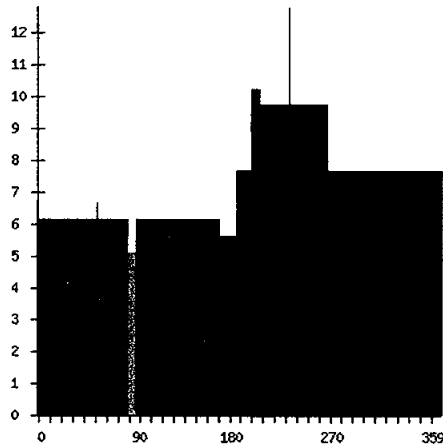
Dataset By Month	Acres Watered	Hours Pumped	Gallons Pumped	Inches Applied	Average PSI	Dry Hours
June 2012		0	0	0	0	832.59
July 2012	883.562	377.91	17,005,775	5.14	20.11	253.51
August 2012	270.55	172.93	7,781,775	2.35	6.91	571.07
September 2012	0	0	0	0	0	720
October 2012	0	0	0	0	0	744
Totals	1154.112 Acres Watered	550.83 Hours Pumped	24,787,550 Gallons Pumped	7.49 Inches Applied	13.51 Average PSI	3121.16 Hours Dry

Note: Angle Total Hours Pumped and Angle Total Gallons Pumped may vary from the Total Hours Pump On and Total Gallons Pumped due to factors such as Loss of GPS, faulty pressure sensor, and the pivot moving before fully pressuring up

4697B-3

Start Date	Stop Date	Report Selection
06 / 12 / 2012	10 / 12 / 2012	☒ By Angle ☐ By Month ☐ By Event ☐ CSV
		Generate Print

workman farms pivot 06/12/2012 - 10/12/2012



Total Hours Power On: 2322.04 Hours
 Total Hours Power Off: 629.96 Hours
 Total Hours Pump On: 550.83 Hours
 Total Hours Pump Off: 2401.17 Hours
 Total Gallons Pumped: 24,787,563 Gallons
 Total Inches Applied: 7.29 inches

Inches Applied

- 5	- 7.5
- 5.5	- 9.5
- 6	- 10
- 6.5	- 12.5

Dataset By Angle	Acres Watered	Hours Pumped	Gallons Pumped	Inches Applied	Average PSI
0 - 50	17.27	62.72	2,822,429	6	20.6
51 - 51	0.34	1.38	62,046	6.5	22.8
52 - 78	9.14	33.22	1,494,859	6	20.6
79 - 85	2.37	7.6	342,150	5	20.6
86 - 160	25.39	96.16	4,327,177	6	19.9
161 - 175	5.08	17.6	791,968	5.5	17
176 - 189	4.74	21.7	976,558	7.5	16.7
190 - 196	2.37	15.15	681,622	10	15.6
197 - 222	8.8	50.63	2,278,295	9.5	15.6
223 - 223	0.34	2.58	116,277	12.5	15.7
224 - 257	11.51	68.21	3,069,252	9.5	16.7
258 - 359	34.53	158.94	7,152,469	7.5	16.7
Totals	121.88	535.89	24,115,101	7.29	18.21
	Acres Watered	Hours Pumped	Gallons Pumped	Inches Applied	Average PSI

Note: Angle Total Hours Pumped and Angle Total Gallons Pumped may vary from the Total Hours Pump On and Total Gallons Pumped due to factors such as Loss of GPS, faulty pressure sensor, and the pivot moving before fully pressuring up



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 24, 2014

NOTICE

TO: WORKMAN BROTHERS, DANIEL WORKMAN, 20047 470TH AVE, BROOKINGS, SD 57006

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

SUBJECT: Reporting Requirement for 2013 Irrigation Questionnaire(s)

Our records indicate that the 2013 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 4697B-3. The request for the Questionnaire was dated October 18, 2013. The Water Management Board has directed that owners of water permits who have not submitted the 2013 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 4697B-3 qualification:

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

The hearing will be held at **9:00 am, March 6, 2014** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 4697B-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

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

If the questionnaire(s) is (are) received in this office on/or before **March 3, 2014**, you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. If you prefer, you can complete the questionnaire online at the following link: <http://denr.sd.gov/iq.aspx>

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



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 24, 2014

4697B-3

Daniel Workman
Workman Brothers
20047 470th Ave
Brookings SD 57006

Dear Mr. Workman:

I am writing to acknowledge receipt of your 2013 irrigation questionnaire. You may disregard the January 24, 2014, "Notice" concerning reporting requirements for Water Right No. 4697B-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

I do have a question on the information you attached with the questionnaire that included gallons pumped and acre inches applied. The following figures were reported:

- 8,701,588 gallons (equals approximately 26.7 acre feet of water)
- 5.05 inches per acre (equals approximately 54.7 acre feet of water for 130 acres)

Please give me a call and let me know if I should use the gallons or acre inches for the water use. I can then finalize the questionnaire data for you for 2013. Thank you in advance for your help.

Sincerely,

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

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



workman20farms20pivot

Irrigation Report: Jan 1 2013 - Dec 31 2013 - Report Type: Water District

Total Gallons Pumped: 8,701,650 gallons

Total Inches Applied:

5.05 inches

Legal Description of Land

Dataset By Month

January 2013

February 2013

March 2013

April 2013

May 2013

June 2013

July 2013

August 2013

September 2013

October 2013

November 2013

December 2013

Totals

Gallons Pumped

0

0

0

0

0

0

0

3,116,575

5,042,100

542,913

0

0

8,701,588

Gallons Pumped

Inches Applied

0

0

0

0

0

0

0

1.17

1.52

2.36

0

0

5.05

Inches Applied

Note: Angle Total Gallons Pumped may vary from the Total Gallons Pumped due to factors such as Loss of GPS, faulty pressure sensor, and the pivot moving before fully pressuring up.

26.7 AF

54.7 AF

No response received from Feb 24th letter -
used gallons reported.

Senus



4697B-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 16, 2015

NOTICE

TO: WORKMAN BROTHERS, DANIEL WORKMAN, 20047 470TH AVE, BROOKINGS, SD
57006

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

SUBJECT: Reporting Requirement for 2014 Irrigation Questionnaire(s)

Our records indicate your 2014 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 4697B-3. The request for the Questionnaire was dated October 17, 2014. The Water Management Board has directed that owners of water permits who have not submitted the 2014 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 4697B-3 qualification:

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

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

1. Suspend or cancel Permit No(s) 4697B-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

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

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

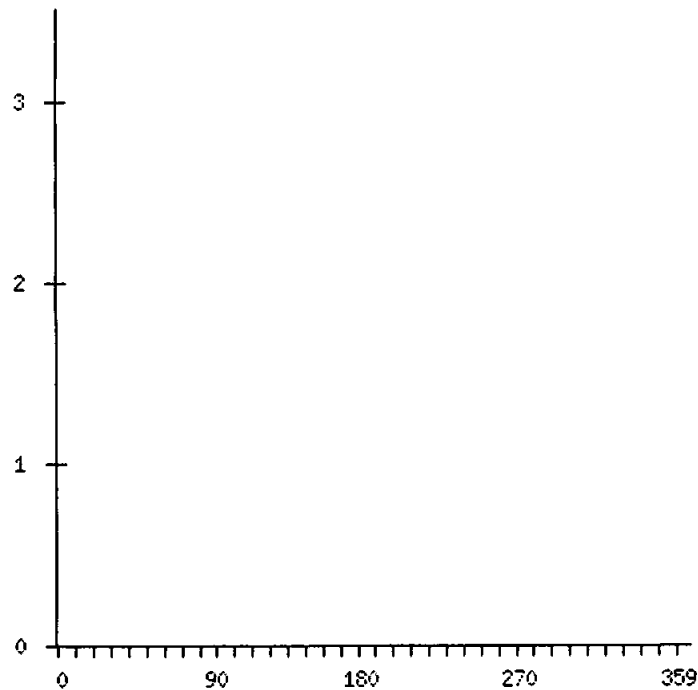
NOTE: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.

01 / 01 / 2014 12 / 31 / 2014

- By Angle
By Angle CSV
By Month
By Event
CSV

Generate Print

A circular diagram with a vertical line and several diagonal lines, possibly representing a clock face or a stylized logo. The diagram is composed of a circle with a vertical line passing through its center. Several diagonal lines radiate from the center to the circumference, creating a series of wedge-shaped segments. The lines are black on a white background. The overall appearance is that of a technical drawing or a stylized logo.



Inches Applied

- 2	- 3
- 2.5	- 3.5

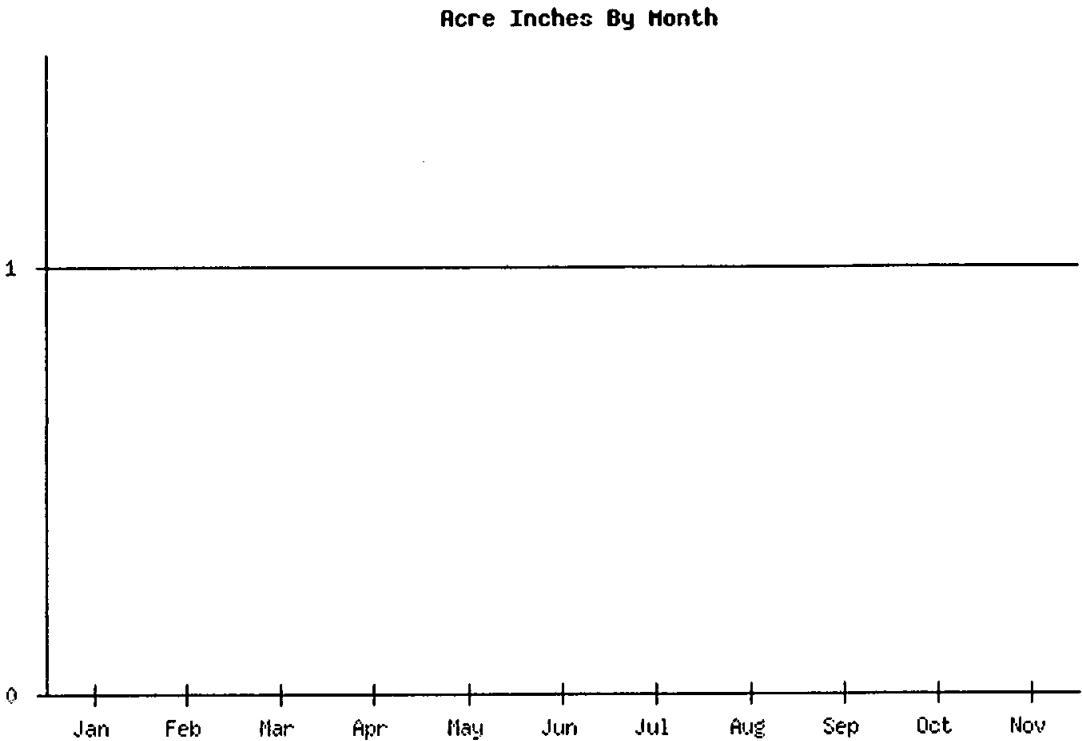
Total Gallons Pumped: 11,758,338 Gallons
Total Inches Applied: 3.55 inches

Dataset By Angle	Acres Watered	Hours Pumped	Gallons Pumped	Inches Applied	Average PSI
0 - 1	0.68	1.35	60,740	3.5	18.2
2 - 80	32.64	56.81	2,556,237	2.5	12.6
81 - 89	3.72	6.56	295,406	3	15.7
90 - 117	11.57	15.65	704,200	2	13.4
118 - 250	54.94	97.54	4,389,407	2.5	12.4
251 - 258	3.3	5.96	268,359	3	16.6
259 - 263	2.07	4.65	209,294	3.5	16.4
264 - 340	31.81	58.31	2,623,931	3	15.7
341 - 350	4.13	7.37	331,541	2.5	15.6
351 - 359	3.05	6.07	273,328	3.5	18.2
Totals	147.91	260.28	11,712,443	3.55	15.48
Acres Watered Hours Pumped Gallons Pumped Inches Applied Average PSI					

Note:Angle Total Hours Pumped and Angle Total Gallons Pumped may vary from the Total Hours Pump On and Total Gallons Pumped due to factors such as Loss of GPS, faulty pressure sensor, and the pivot moving before fully pressuring up

<u>Start Date</u>	<u>Stop Date</u>	<u>Report Selection</u>
01 / 1 / 2014	12 / 31 / 2014	By Angle
		By Angle CSV
		◦ By Month
		By Event
		CSV
		Generate Print

workman20farms20pivot 01/1/2014 - 12/31/2014



Total Hours Power On: 6747.7 Hours
Total Hours Power Off: 1268.3 Hours
Total Hours Pump On: 261.3 Hours
Total Hours Pump Off: 7754.7 Hours

Inches Applied
- 1.42 - 1.49

Total Gallons Pumped: 11,758,500 Gallons
Total Inches Applied: 2.91 inches

Dataset By Month	Acres Watered	Hours Pumped	Gallons Pumped	Inches Applied	Average PSI	Dry Hours
January 2014	0	0.11	5,063	0	4	743.89
Febuary 2014	0	0	0	0	0	672
March 2014	0	0	0	0	0	743
April 2014	0	0	0	0	0	720
May 2014	0	0	0	0	0	744
June 2014	0	0	0	0	0	720
July 2014	285.87	127.69	5,745,938	1.42	13.77	616.31
August 2014	293.919	133.5	6,007,338	1.49	15.04	610.5
September 2014	0	0	0	0	0	720
October 2014	0	0	0	0	0	744
November 2014	0	0	0	0	0	721
Totals	579.789	261.3	11,758,338	2.91	10.94	7754.7
	Acres Watered	Hours Pumped	Gallons Pumped	Inches Applied	Average PSI	Hours Dry

Note:Angle Total Hours Pumped and Angle Total Gallons Pumped may vary from the Total Hours Pump On and Total Gallons Pumped due to factors such as Loss of GPS, faulty pressure sensor, and the pivot moving before fully pressuring up



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

denr.sd.gov

February 3, 2015

4697B-3

Daniel Workman
Workman Brothers
20047 470th Ave
Brookings SD 57006

Dear Mr. Workman:

I am writing to acknowledge receipt of your 2014 irrigation questionnaire.

You may disregard the January 16, 2015, "Notice" concerning reporting requirements for Water Right No. 4697B-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

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



4697B-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 15, 2016

NOTICE

TO: WORKMAN BROTHERS, DANIEL WORKMAN, 20047 470TH AVE, BROOKINGS, SD 57006

FROM: Ron Duvall, Natural Resources Engineer
for Jeanne Goodman, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2015 Irrigation Questionnaire(s)

Our records indicate your 2015 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 4697B-3. The request for the Questionnaire was dated October 23, 2015. The Water Management Board has directed that owners of water permits who have not submitted the 2015 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 4697B-3 qualification:

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

The hearing will be held at **Thursday, March 3, 2016 at 9:30 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 4697B-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

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

If the questionnaire(s) is (are) received in this office before the **March 3, 2016** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. If you prefer, you can complete the questionnaire online at the following link: <http://denr.sd.gov/iq.aspx>

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



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

denr.sd.gov

February 6, 2016

4697B-3

Workman Brothers
c/o Daniel Workman
20047 470th Ave
Brookings SD 57006

Dear Mr. Workman:

I am writing to acknowledge receipt of your 2015 irrigation questionnaire.

You may disregard the January 15, 2016, "Notice" concerning reporting requirements for Water Right No. 4697B-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

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



4697B-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 20, 2017

NOTICE

TO: WORKMAN BROTHERS, DANIEL WORKMAN, 20047 470TH AVE, BROOKINGS, SD 57006

FROM: Ron Duvall, Natural Resources Engineer
for Jeanne Goodman, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2016 Irrigation Questionnaire(s)

Our records indicate your 2016 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 4697B-3. The request for the Questionnaire was dated October 21, 2016. The Water Management Board has directed that owners of water permits who have not submitted the 2016 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 4697B-3 qualification:

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

The hearing will be held at **Wednesday, March 1, 2017 at 11:00 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 4697B-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

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

If the questionnaire(s) is (are) received in this office before the **March 1, 2017** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. If you prefer, you can complete the questionnaire online at the following link: <http://denr.sd.gov/iq.aspx>

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



DEPARTMENT of ENVIRONMENT
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JOE FOSS BUILDING
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PIERRE, SOUTH DAKOTA 57501-3182

denr.sd.gov

February 10, 2017

4697B-3

Daniel Workman
Workman Brothers
20047 470th Ave
Brookings SD 57006

Dear Mr. Workman:

I am writing to acknowledge receipt of your 2016 irrigation questionnaire.

You may disregard the January 20, 2017, "Notice" concerning reporting requirements for Water Right No. 4697B-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

If you have any questions, please contact me.

Sincerely,

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



4697B-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 26, 2018

NOTICE

TO: WORKMAN BROTHERS, DANIEL WORKMAN, 20047 470TH AVE, BROOKINGS, SD 57006

FROM: Ron Duvall, Natural Resources Engineer
for Jeanne Goodman, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 2017 Irrigation Questionnaire(s)

Our records indicate your 2017 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 4697B-3. The request for the Questionnaire was dated October 20, 2017. The Water Management Board has directed that owners of water permits who have not submitted the 2017 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 4697B-3 qualification:

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

The hearing will be held at **Wednesday, March 7, 2018 at 10:00 am (Central Time)** in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol Avenue, Pierre, SD and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 4697B-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

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

If the questionnaire(s) is (are) received in this office before the **March 7, 2018** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaire(s) for your use. If you have questions or need assistance, please contact Genny McMath at (605) 773-3352 or email at genny.mcmath@state.sd.us. If you prefer, you can complete the questionnaire online at the following link: <http://denr.sd.gov/iq.aspx>

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



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PIERRE SOUTH DAKOTA 57501-3182
www.denr.sd.gov

February 6, 2018

4697B-3

Daniel Workman
Workman Brothers
20047 470th Ave
Brookings SD 57006

Dear Mr. Workman:

I am writing to acknowledge receipt of your 2017 irrigation questionnaire.

You may disregard the January 26, 2018, "Notice" concerning reporting requirements for Water Right No. 4697B-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

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