

Considered: _____

WATER PERMIT NO. 3348A-3

Phone: 693-4144

Name of Applicant: Charles Rang

Post Office Address: RR 2, Box 164, Bruce SD 57220

Amount of Water Claimed: no add'l (3.60) Total Acres: no add'l ²⁵² (120)

Source of Water Supply: groundwater (one well)

Water to be used for: irrigation County: Brookings

About 13 miles North of Brookings

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved _____ Subject to _____

F.F.& C/.L. Adopted _____ Not Approved _____ Deferred _____

PRIORITY Date Received: 9-11-90 Fee: \$50 Remarks change

diversion point for land irrigated under Water Permit No. 3348-3

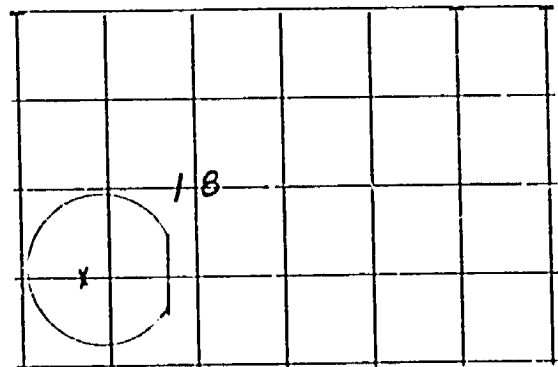
Corrected Application Received _____ Period of Annual Use March 1 - Nov 1

WATER QUALITY APPROVAL RECEIVED _____ APPROVED/CONDITIONAL (Circle one)

WI-1 Description same as Application YES _____ NO _____ REMARKS _____

Diversion Point: SW 1/4 18-112-49

Land to be Irrigated: SW 1/4 18-112-49



Well Log: Driller: Grimshaw Drilling Licensed YES x NO _____

Depth of Well: 47' REMARKS _____

Type of Map: aerial PREPARED BY: Mark Rath Reviewed and the Number

Assigned on 9-19-90 By Karen Schlaak

(See instructions)

Mail to: Water Rights Div. ⁶⁷ *MR*
523 E. Capitol
Pierre, SD 57501
(605) 775-3352

No. 3348A-3 Hydrologic Unit 10170202
Basin Big Sioux River
Newspaper Brookings Daily Register
Box 117 S 7006

Application For Soil/Water Compatibility Permit and Permit To Appropriate Water

- Type of Application: ☒ New ☐ Vested Right ☐ Amend Permit No. _____
☐ Change Acreage ☒ Change diversion point(s) ☐ Add diversion point(s)
☐ Add Acreage ☐ Increase diversion rate ☐ Other _____
- Name of Applicant CHARLES RANG Phone No. 693-4144
Post Office Address RR 2 Box 164 BRUCE State SD Zip Code 57220
(Street, RR or Box) (City)
2. Amount of water claimed (c.f.s) 16 ADD'L Total acres irrigated SEE WP 3348-3 FOR ACREAGE
3. Source of Water supply GROUND WATER
4. Location of point of diversion FROM THE SW CORNER of SECTION 18-T112N-R49E
1120' EAST AND 1320' NORTH
County BROOKINGS
5. Counties where water will be used BROOKINGS
6. Annual period during which water is to be used MARCH 1 TO NOVEMBER 1
7. 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>NW 1/4 SW 1/4 Sec 18-112-49</u>	<u>30</u>
<u>NE 1/4 SW 1/4 "</u>	<u>30</u>
<u>SE 1/4 SW 1/4 "</u>	<u>30</u>
<u>SW 1/4 SW 1/4 "</u>	<u>30</u>

Attach sheet if more space is needed

Land Description	No. Acres Irr.

8. Type of Irrigation: Gravity: _____ Towline: _____ Center Pivot: X Gun: _____ Other: _____ (Specify) _____
9. Crops to be Irrigated: CORN, SOYBEANS, SMALL GRAINS, ALFALFA
10. Give a description of proposed project. (Attach sheet if more space is needed) CHANGE DIVERSION POINT FOR LAND IRRIGATED UNDER WP 3348-3

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach maps, soils information and any other technical information.

STATE OF SOUTH DAKOTA)
County of Brookings)^{ss}

I, Charles Rang, the applicant, certify that I have read this application and examined the attached maps, that the water sample, if needed, has been taken by the required procedures and has not been adulterated or tampered with and is truly representative of the water to be used, and that the matters stated in this application are true and correct.

Signed Charles Rang

Subscribed and sworn to before me this 29th day of August 1990

William J. Davis
Notary Public

**SOUTH DAKOTA
WATER PERMIT No. 3348A-3 FOR IRRIGATION**

Date of first receipt of application September 11, 1990.
Date Soil/Water Compatibility Permit received December 1, 1976.

The Water Management Board approved Water Permit Application No. 3348A-3 on December 5, 1990 for Charles Rang, RR #2, Box 164, Bruce, SD 57220 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. 3348A-3 specifies the correct location of an existing irrigation well. Water Permit No. 3348-3 appropriated 3.60 cubic feet of water per second cubic feet of water per second (cfs) from one well 47 feet deep (Big Sioux North Deer Creek Aquifer), located in the center of the W1/2 to irrigate 252 acres located in the W1/2; all in Section 18 T112N, R49W. An inspection of the system found one well capable of diverting 1.67 cfs to irrigate 120 developed acres. The correct location of the developed well is the approximate center of the SW1/4 Section 18 T112N, R49W. This Permit does not authorize additional acreage or any increase in the developed diversion rate from the existing well.
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: March 1 - November 1.
3. The date from which applicant may claim right is December 17, 1976.
4. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

By: _____

John Hatch
Chief Engineer, Water Rights Division
Department of Water and Natural Resources

MAR 28 1991

(date)

South Dakota



GREAT FACES. GREAT PLACES.

DEPARTMENT OF WATER & NATURAL RESOURCES

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

MAR 28 1991

Charles Rang
RR 2 Box 164
Bruce, SD 57220

Dear Rang:

Enclosed is Water Permit No. 3348A-3 For Irrigation as approved by the Water Management Board authorizing your water diversion system and the application of water beneficial use, not exceeding the limits as specified in the Water Permit.

The final inspection has been completed on this Permit, and we are ready to issue the Water License. Statutes require we charge \$50 for the inspection and issuance of the final papers. Upon receipt of this amount the Water License will be sent to you.

Very truly yours,

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

enclosures

Report On Water Permit Application No. 3348A-3
Charles Rang
September 26, 1990

This application proposes to amend Water Permit No. 3348-3 to correct the location of the diversion point. This application authorizes one well approximately 46 feet deep located in the approximate center of the SW 1/4 of section 18, T112N R29W in Brookings County. The well is diverting 1.67 cfs for irrigation of 120 acres all located in the SW 1/4 of section 18, T112N R49W. No additional water or additional acreage is authorized by this application.

AQUIFER - BIG SIOUX NORTH DEER CREEK (BS-NDC)

The Big Sioux North Deer Creek (BS-NDC) is an alluvium mantled outwash (sand and gravel) under water table conditions in this area. The BS-NDC underlies 5700 acres and contains an estimated 6840 acre feet of recoverable water in Brookings County (Hedges, 1982). These are conservative estimates. The BS-NDC aquifer is hydraulically connected to the much larger Big Sioux Brookings aquifer. Water use for the BS-NDC aquifer was reported to be 374 acre feet in 1989 (Irrigation Summary, 1989).

The Division of Water Rights monitors one observation well BG-78C which is located within 1/2 mile of this application. Water level records for this well show good correlation between climatic conditions and ground water levels. Water levels rise during wet years or rainfall events (recharge) and gradually decline during dry years. The water level record indicates there is water available from the BS-NDC aquifer (Water Rights, 1990).

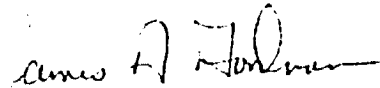
REVIEW OF EXISTING WATER RIGHTS/PERMITS

There are no existing water rights/permits with diversion points which are within 1 1/2 miles of this application. Interference should not be a concern. This is an existing well and has been in use with no reported problems. The observation well record indicates that significant drawdowns due to pumping do not occur.

CONCLUSIONS

1. Water is available from the BS-NDC aquifer.
2. Interference is not expected to be a problem. The aquifer is under water table conditions and the distance between production wells is more than adequate to minimize potential affects. The observation well record indicates significant drawdowns do not occur.

3. This application can be amended and the original priority can be maintained without adverse impact on existing water permits/rights.
4. This application is a result of a field inspection which found that the well was completed in a location not specified by the original Water Permit No. 3348-3. This application will correct the location of the existing diversion point and authorize diversion of 1.67 cfs to irrigate 120 acres as specified in the introduction and recognized during the field inspection. No increase in lands to be irrigated or increase in diversion rate above that authorized by No. 3348-3 is allowed and the permit can be licensed to reflect the actual developed system.



James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

Hedges, L.S., 1982, EVALUATION OF GROUND WATER RESOURCES EASTERN SD AND UPPER BIG SIOUX RIVER, SD AND IOWA, for US Army Corps of Engineers, SD DWR, SDGS, Vermillion, SD, 57069.
Irrigation Summary, 1989, WATER USE FOR THE BS-NDC AQUIFER, SD DWR, Div. of Water Rights, Pierre, SD, 57501.
Water Rights, 1990, OBSERVATION WELL RECORDS FOR BG-78C, SD DWR, Div. of Water Rights, Pierre, SD, 57501.

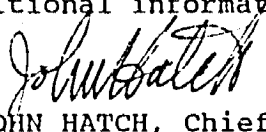
RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 3348A-3, Charles Rang

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Division, Department of Water and Natural Resources concerning Water Permit Application No. 3348A-3, Charles Rang, RR #2 Box 164, Bruce SD.

The Chief Engineer is recommending APPROVAL of Application No. 3348A-3 because 1) the proposed diversion can be developed without unlawful impairment of existing rights, 2) the proposed use is a beneficial use and 3) in the public interest with the following qualifications:

1. The well approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.


JOHN HATCH, Chief Engineer
October 25, 1990

 **Department of
Water & Natural Resources**

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

October 29, 1990

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

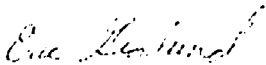
Charles Rang
RR #2 Box 164
Bruce SD 57220

Dear Mr. Rang:

Water Permit Application No. 3348A-3 for irrigation use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the Daily Register printed at Brookings SD. For your information, a copy of the notice is enclosed. Copies of the report and the Chief Engineer's recommendation are also enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice of Intent: to Appropriate Water and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. We must receive Proof of Publication before the application can be considered by the Water Management Board.

Sincerely,



Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

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

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

October 29, 1990

Brookings Daily Register
Box 117
Brookings SD 57006

ATTN: Legal Publications:

Enclosed is a Notice of Hearing on Application No. 3348A-3 to be published twice. Please publish the first notice on or before November 8, 1990 with the second publication 7 days later.

The APPLICANT MUST VERIFY TO YOU THAT THE NOTICE IS TO BE PUBLISHED, before you make the first publication. Please BILL the APPLICANT for the cost of publication. The APPLICANT is Charles Rang, RR #2 Box 164, Bruce SD 57220.

A copy of BOTH publications must be SENT to the WATER RIGHTS DIVISION. IMMEDIATELY return the FIRST publication with the FIRST Transmittal form on the bottom of this page. The first copy is needed to check the publication for errors so any corrections can be made in the second publication. Publication errors can invalidate the public notice and cause the applicant costly delays.

Please be sure the SECOND publication is returned IMMEDIATELY with the enclosed Proof of Publication form. DO NOT WAIT until the end of the month or the billing cycle. The permit application cannot be considered by the Water Management Board until proof of publication has been received.

Sincerely,

Eric Gronlund

Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

CUT HERE

FIRST TRANSMITTAL NOTICE

TO:

Eric Gronlund
Water Rights Division
Joe Foss Building
Pierre SD 57501-3181

No. _____

Date _____

We are in receipt of your letter of _____ enclosing Notice of Hearing to
Appropriate Water by Application No. _____ which was first published in our issue
of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name _____

Newspaper _____

Instruction to Newspaper - Publish first Notice on or before November 8, 1990 with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 3348A-3
to Amend Water Permit No. 3348-3

Notice is given that Charles Rary, RR #2 Box 164, Bruce SD 57220 has filed an application for a water permit to specify the correct location of an existing irrigation well. Permit No. 3348-3 was to appropriate 3.60 cubic feet of water per second (cfs) from one well 47 feet deep (Big Sioux North Deer Creek Aquifer), located in the center of the W1/2 to irrigate 252 acres located in the W1/2; all in Section 18 T112N-R49W. An inspection of the system showed the location of the well to be in the approximate center of the SW1/4 Section 18-T112N-R49W. The well pumps 1.67 cfs to irrigate 120 acres located in the SW1/4 Section 18-T112N-R49W. This application does not authorize any increase in the diversion rate from the existing well.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 3348A-3 because 1) existing rights will not be unlawfully impaired, 2) it is a beneficial use of water, and 3) it is in the public interest.

Any person interested in opposing or supporting this application must file a written petition with BOTH the applicant and Chief Engineer. The applicant must also file a petition if opposing the Chief Engineer's recommendation. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by November 26, 1990. The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained.

The Chief Engineer will act on this application in accordance with the above recommendation and no hearing will be held if the applicant does not contest the Chief Engineer's recommendation and no petition is filed opposing the application. If the applicant contests the recommendation or an interested person opposes the application, then the application will be considered by the Water Management Board. Petitions filed in support of the application will not require the Board to hear the application. The Board may conduct a hearing no sooner than 10:00 am, on December 5, 1990 at the Hilton Inn, Deerfield Room, 445 Mt. Rushmore Road, Rapid City SD and the hearing may be rescheduled for a later date. If the hearing is rescheduled, notice will be given of the time and place. The above hearing date will be automatically delayed for at least 20 days upon written request to the Chief Engineer from the applicant or any interested person opposing the application. The request for an automatic delay must be filed by November 26, 1990.

The Chief Engineer's recommendation is not final or binding upon the Board. The Board is authorized to 1) approve, 2) approve with qualifications, 3) defer, or 4) deny this application based on the facts presented at the public hearing. This hearing is an adversary proceeding. Any person filing a petition opposing the application and/or the applicant have the right to be represented by a lawyer and may present evidence or cross-examine witnesses according to SDCL 1-26. These and other due process rights will be forfeited if not exercised. Decisions of the Board may be appealed to the Circuit Court and State Supreme Court as provided by law. Contact the Water Rights Division to request copies of information pertaining to this application or to assure access to the hearing by the handicapped.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-16; 46-2-3.1, 46-2-9, 46-2-11, 46-2-13, 46-2-17; 46-2A-1 thru 46-2A-10, 46-2A-12, 46-2A-14, 46-2A-15; 46-5-1 thru 46-5-11, 46-5-13 thru 46-5-15, 46-5-24, 46-5-25, 46-5-30.2, 46-5-30.4, 46-5-31; 46-6-3, 46-6-3.1, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14, 46-6-26; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

Form 8 - Proof of Publication

PROOF OF PUBL

STATE OF SOUTH DAKOTA)
County Brookings) ss.

I, Rob James
certify that the attached printed Notice
from the Brookings Register

A newspaper which during the whole time of
said notice herein after stated, has been and is
published in the _____

_____ of _____
County of Brookings and State of So
that the said notice was published in said news;
following two dates:

November 6, 1990

November 13, 1990

[Signature]
(Signature)

(Title)

(Date Signed)

Cost of Printing: Legal # S-79

17 1/2 inches @ 1.76

Twenty-nine dollars and seventy-five c

Legal S-79, 2x, Nov. 6, 13

NOTICE OF HEARING on
Application No. 3348A-3

to Amend Water Permit No. 3348-3
Notice is given that Charles Rang,
RR #2 Box 164, Bruce SD 57220 has
filed an application for a water
permit to specify the correct
location of an existing irrigation
well. Permit No. 3348-3 was to
appropriate 3.60 cubic feet of water
per second (cfs) from one well 47
feet deep (Big Sioux North Deer
Creek Aquifer), located in the center
of the W1/2 to irrigate 252 acres
located in the W1/2; all in Section
13 T112N-R49W. An inspection of
the system showed the location of
the well to be in the approximate
center of the SW1/4 Section of 18-
T112N-R49W. The well pumps 1.67
cfs to irrigate 120 acres located in
the SW1/4 Section 18-T112N-R49W.
This application does not authorize
any increase in the diversion rate
from the existing well.

Pursuant to SDCL 46-2A-2, the
Chief Engineer recommends
APPROVAL of Application No.
3348A-3 because 1) existing rights
will not be unlawfully impaired, 2)
it is a beneficial use of water, and 3)
it is in the public interest.

Any person interested in opposing
or supporting this application must
file a written petition with BOTH
the applicant and Chief Engineer.
The applicant must also file a
petition if opposing the Chief
Engineer's recommendation. The
Chief Engineer's address is "Water
Rights Division, Foss Building, 523
E Capitol, Pierre SD 57501 (605 773-
3352)" and the applicant's mailing
address is given above. A petition
filed by either an interested person
or the applicant must be filed by
November 26, 1990. The petition
may be informal, but must include a
statement describing the petitioner's
interest in the application, the
petitioner's reasons for opposing or
supporting the application, and the
signature and mailing address of
the petitioner or the petitioner's
legal counsel, if legal counsel is
obtained.

The Chief Engineer will act on this
application in accordance with the
above recommendation and no
hearing will be held if the applicant
does not contest the Chief

Engineer's recommendation and no
petition is filed opposing the
application. If the applicant contests
the recommendation or an
interested person opposes the
application, then the application
will be considered by the Water
Management Board. Petitions filed
in support of the application will
not require the Board to hear the
application. The Board may conduct
a hearing no sooner than 10.00 am,
on December 5, 1990 at the Hilton
Inn, Deerfield Room, 445 Mt.
Rushmore Road, Rapid City SD and
the hearing may be rescheduled for
a later date. If the hearing is
rescheduled, notice will be given of
the time and place. The above
hearing date will be automatically
delayed for at least 20 days upon
written request to the Chief
Engineer from the applicant or any
interested person opposing the
application. The request for an
automatic delay must be filed by
November 26, 1990.

The Chief Engineer's
recommendation is not final or
binding upon the Board. The Board
is authorized to 1) approve, 2)
approve with qualifications, 3)
defer, or 4) deny this application
based on the facts presented at the
public hearing. This hearing is an
adversary proceeding. Any person
filing a petition opposing the
application and/or the applicant
have the right to be represented by
a lawyer and may present evidence
or cross-examine witnesses
according to SDCL 1-26. These and
other due process rights will be
forfeited if not exercised. Decisions
of the Board may be appealed to the
Circuit Court and State Supreme
Court as provided by law. Contact
the Water Rights Division to
request copies of information
pertaining to this application or to
assure access to the hearing by the
handicapped.

This application is made pursuant
to SDCL 46-1-1 thru 46-1-9, 46-1-12
thru 46-1-16; 46-2-3.1, 46-2-9, 46-2-
11, 46-2-13, 46-2-17; 46-2A-1 thru
46-2A-10, 46-2A-12, 46-2A-14, 46-
2A-15; 46-5-1 thru 46-5-11, 46-5-13
thru 46-5-15, 46-5-24, 46-5-25, 46-5-
30.2, 46-5-30.4, 46-5-31; 46-6-3, 46-6-
3.1, 46-6-8.1, 46-6-10, 46-6-13, 46-6-
14, 46-6-26; and Board Rules ARSD
74:02.01:01 thru 74:02.01:15.

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

613083

Pierre, September 11, 1910

RECEIVED OF Charles Rana Jr., RR #2 Box 164, Bruce SD 57220

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

Fee for Application for Permit No. 3348A-3 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 _____
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)

50 00

Total

50 00

By

J. L. Glatfelter
Chief Engineer

Permit No. 3348-3 & 3348A-3BIG SIOUX RIVER Water District**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 CHARLES RANG_____ of BROOKINGS SD holder ofPermit No. 3348-3 & 3348A-3, bearing the priority of DECEMBER 17 19 76 authorizingthe diversion of 3.6 cu. ft. per second of the waters of GROUND WATERfor 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 10" WESTERN LAND ROLLER PUMP
POWERED BY A 100HP PERKINS DIESEL ENGINEB. Works used to transport water to place of use: 100' of 8" STEEL PIPEC. Works used to apply water to beneficial use: AN 1160' VALLEY CENTER PIVOT WITH
NELSON SPRINKLERSThe system is in the following condition GOODThe point of diversion is located FROM THE SW CORNER OF SEC 18-T112N-R49W
1170' EAST AND 1320' NORTHThe works are capable of diverting and conveying to the place of use 1.67cu. ft. per second of water which is to be used for IRRIGATIONWater has been put to beneficial use to the maximum extent as follows: ALL LANDS LOCATED INSEC 18-T112N-R49W: NW 1/4 SW 1/4 - 30 acNE 1/4 SW 1/4 - 30 acSE 1/4 SW 1/4 - 30 acSW 1/4 SW 1/4 - 30 accomprising a total of 120 acres of land and the license should be issued for 1.67 cfsApplicable permit qualifications have been complied with X Yes NoExceptions to compliance are: _____ Date 7/12/90Mark Smith
(Signature)

LICENSE FOR PERMIT NUMBER 3348-3 ; 3348A-3

1. Legal location of wells: FROM THE SW CORNER OF SECTION 18-T14N-R49W
1170' EAST AND 1320' NORTH
dams & structures: _____

2. Well Information: Well Drilling Firm GRIMSHAW DRILLING CO

Completion Report Yes X No _____ No. of Wells 1 Depth 47'
Casing a) diameter 16" Screen a) type STAINLESS STEEL
b) length 32' b) length 15'
c) type STEEL Static Water Level 17'
Pump a) make WESTERN LAND ROLLER Motor a) make PERKINS DIESEL
b) model — b) model No. 351
c) size 10" c) horsepower rating 100
d) capacity 750 gpm
e) turbine pump - no. of stages —
f) operating PSI 40

3. Distribution lines or canals

a) size 8"
b) type STEEL
c) length 100'

4. Dam Information:

a) height to crest _____ m) Outlet tubes:
b) height to primary spillway _____ 1) diameter _____
c) height to secondary spillway _____ 2) type _____
d) crest width _____ 3) valved (Y/N) _____
e) crest length _____ 4) valve type _____
f) spillway length _____ 5) location on structure _____
g) spillway width _____
h) approx. storage _____ n) Category of Dam _____
i) approx. storage to crest _____
j) date constructed _____
k) inspection sheet completed (Y/N) _____
l) Name of Contractor _____

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 VALLEY
- 2) number of towers 6
- 3) distance between towers _____
- 4) overall length 1160'
- 5) end gun (Y/N) Y
- 6) high or low pressure low
- 7) make & size of nozzles NELSON
- 8) capacity (GPM) 750

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 _____

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

REMARKS:

RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

Pierre, April 22, 1931

RECEIVED OF Charles Bang, RR 2, Box 164, Bruce, SD 57220

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. <u>3346A-3</u>	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	50 00

By Chas. H. Hutton
Chief Engineer

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 3348A-3

(1) Charles Rang of RR 2, Box 164, Bruce, SD 57220 made Application No. 3348A-3, September 11, 1990 for a water permit to appropriate no additional cubic feet of water per second from groundwater, Brookings County, South Dakota for irrigation purposes. Permit No. 3348A-3 with a priority date of December 17, 1976 was approved December 5, 1990 and issued to applicant(s) for diversion of water with construction of the described water supply system completed and for the application to beneficial use of said water completed.

Permit No. 3348-3 authorized irrigation from a well located in the center of the W 1/2 of Section 18, T112N, R49W. An inspection of the water use system found the well located in the approximate center of the SW 1/4 of Section 18. Permit No. 3348A-3 specifies the correct location of the existing irrigation well. No. 3348-3 does not authorize additional acreage or any increase in the developed diversion rate.

The applicable portions of Permit No. 3348-3 are incorporated into this Water License No. 3348A-3. A December 17, 1976 priority date is retained.

(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 1.67 cubic feet of water per second for beneficial use. The location of the diversion point is: 1170'E and 1320'N of the SW corner of Section 18, T112N, R49W.

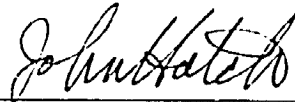
(3) The applicant has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate the following land:

T112N, R49W Section 18

NW 1/4 SW 1/4	30 Acres
NE 1/4 SW 1/4	30 Acres
SE 1/4 SW 1/4	30 Acres
SW 1/4 SW 1/4	30 Acres
Total -----	120 Acres

(4) Pursuant to Section 46-5-30.1 Charles Rang of RR 2, Box 164, Bruce, SD 57220 the holder(s) and/or owner(s) of Incorporated No. 3348A-3 is issued a license to appropriate water, the right to use 1.67 cubic feet of water per second from groundwater (one

well) with a priority date of December 17, 1976 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 Incorporated No. 3348A-3 and subject to South Dakota State Law.



MAY 27 1991

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



GREAT FACES. GREAT PLACES.

MAY 27 1991

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

33487-3

Charles Rang
RR 2, Box 164
Bruce, SD 57220

Dear Mr. Rang:

Enclosed is Water License No. 3348A-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 412652 in the amount of \$50.00 which you paid for 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. 3348A-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

NOTE: The applicable portions of Permit No. 3348-3 were incorporated into Water License No. 3348A-3.

3348A-3

SENDER: COMPLETE THIS SECTION

- Complete Items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

CHARLES RANG
47190 198TH ST
BRUCE SD 57220

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) Charles Rang B. Date of Delivery 1-20-01

C. Signature Charles Rang ☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Copy from service label)

7000 0600 6026 9814 2658

PS Form 3811, July 1999

Domestic Return Receipt

102595-00-M-0952



3348A-3

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 19, 2001

NOTICE

TO: CHARLES RANG, 47190 198TH ST, BRUCE, SD 57220

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

SUBJECT: Reporting Requirement for 2000 Irrigation Questionnaire(s)

Our records indicate that the 2000 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 3348A-3. The request for the Questionnaire was dated October 20, 2000. The Water Management Board has directed that owners of water permits who have not submitted the 2000 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) 3348A-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 7, 2001 in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol, 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) 3348A-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 2, 2001, you will no longer be in violation of your permit and your name will be deleted from the Board agenda. If you have questions or need assistance in completion of the irrigation questionnaire(s), please contact Genny McMath at (605) 773-3352.

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
www.state.sd.us/denr

January 24, 2001

3348A-3

Charles Rang
47190 198th St
Bruce, SD 57220

Dear Mr. Rang:

I am writing to acknowledge receipt of your 2000 irrigation questionnaire. You may disregard the January 19, 2001, "Notice" concerning reporting requirements for Water Right No. 3348A-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
Environmental Scientist
Water Rights Program
(605) 773-3352

NOT TO SCALE

118.0
T3055

1 NHEL

121.6 T3056

30' AC

30' AC

1170'

WELL

1320'

30' AC

1 NHEL

19.8

T2374

4 NHEL

T1484

K10

M. D. Rath
NORTH DAKOTA ENGINEER II
WATER RIGHTS DIVISION
7/16/90

18

1 NHEL

2.8

1 NHEL T2040

8.7

2 NHEL

23.0

9.00

9.00

3 NHEL

14.7

112-49

4 NHEL

85.2

K10

3348A-3



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

January 26, 2007

NOTICE

TO: CHARLES RANG, 47190 198TH ST, BRUCE, SD 57220

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

SUBJECT: Reporting Requirement for 2006 Irrigation Questionnaire(s)

Our records indicate that the 2006 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 3348A-3. The request for the Questionnaire was dated October 20, 2006. The Water Management Board has directed that owners of water permits who have not submitted the 2006 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) 3348A-3 qualification:

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

The hearing will be held at 10:30 am, March 7, 2007 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) 3348A-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 1, 2007**, you will no longer be in violation of your permit and your name will be deleted 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. If you prefer, you can complete the questionnaire on-line at the following link:

<https://www.state.sd.us/eforms/secure/eforms/E0455V5-IQ.pdf>

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.



3348A-3

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Track & Confirm

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Label/Receipt Number: **2303 2160 0000 0799 6156**
Status: **Delivered**

Your item was delivered at 10:52 AM on January 27, 2007 in BRUCE, SD 57220. The item was signed for by A PAMG.

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United States Postal Service™ Signature Confirmation™ Receipt

SIGNATURE CONFIRMATION NUMBER:
2303 2160 0000 0799 6156

CHARLES RANG
47190 198TH ST
BRUCE SD 57220

Waiver of Signature ☐ YES ☐ NOPostmark
Here

POSTAL CUSTOMER:

Keep this receipt. For Inquiries:
Access internet web site at
www.usps.com®
or call 1-800-222-1811

☐ Priority Mail™ Service
☐ First-Class Mail® parcel
☐ Package Services parcel

PS Form 3800, May 2002

(See Reverse)



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

February 2, 2007

3348A-3

Charles Rang
47190 198th St
Bruce SD 57220

Dear Mr. Rang:

I am writing to acknowledge receipt of your 2006 irrigation questionnaire. You may disregard the January 26, 2007, "Notice" concerning reporting requirements for Water Right No. 3348A-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
Environmental Scientist
Water Rights Program
(605) 773-3352



3348A-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, 2012

NOTICE

TO: CHARLES RANG, 47190 198TH ST, BRUCE, SD 57220

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

SUBJECT: Reporting Requirement for 2011 Irrigation Questionnaire(s)

Our records indicate that the 2011 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 3348A-3. The request for the Questionnaire was dated October 14, 2011. The Water Management Board has directed that owners of water permits who have not submitted the 2011 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) 3348A-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 7, 2012** 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) 3348A-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 2, 2012**, 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

January 30, 2012

3348A-3

Charles Rang
47190 198th St
Bruce SD 57220

Dear Mr. Rang:

I am writing to acknowledge receipt of your 2011 irrigation questionnaire.

You may disregard the January 24, 2012, "Notice" concerning reporting requirements for Water Right No. 3348A-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 cursive script that reads "Genny McMath".

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