

2715-3

1. Considered MAY 20 1976
2. Name of Applicant MERLE AMDAHL
3. Post Office Address ORTLEY
4. Amount of water claimed 2.2
5. Source of water supply 182' WELL
6. Water to be used for IRRIGATION
- Acres to be irrigated 156
7. Water to be diverted and used in GRANT county
about 85.5 miles of SUMMIT
8. Proof of Publication Received 5-14-76

Received _____

ect to _____

oved _____

ferred _____

PL. 2715-3-1463

2715-3

7-13-78

Motor G E

75 HP 1975 RPM

Model 5K6258X11A

for "HJ806472

Pump Purch. & More by H M S

Began 7000 ft high, long 100 ft

for "13A 28076 83

Well 30' N of C.P.

T & L Cont. first

Well Sept. - 1979 to water 45'

Pumping 800 Capacity

C.P. cross 132 acres

No. 2715-3Map No. 2076-3 Water Division No. 3 WHETSTONE CREEK District
(Blanks to be filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

(NOTE--Draw a line through items not applicable)

1. Name of Applicant Merle Am dahl
 Postoffice address Ortley 57256, State South Dakota
 If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract & Direct Labor
3. Name of diversion work Merle Am dahl Irrigation Project #1
4. Amount of water claimed (cubic feet per second) 2.2
5. Source of water supply Well
6. Location of point of diversion 1866' N 135° W of NE corner
Sec 14-120-52
- County Grant
7. Annual period or periods during which water is to be used April through October
8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Irrigation
9. Total number of acres to be irrigated 156

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
NW 1/4 of NE 1/4 Sec 14-120-52	39		
NE 1/4 " " " "	38		
SW 1/4 " " " "	40		
SE 1/4 " " " "	39		

Attach sheet if more space is needed

10. Time required to complete construction of water supply system Five years. Additional time required to complete application of water to the proposed beneficial use three years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Grant County Review
12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source. well with electrically driven deep well turbine

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

C. Works proposed to apply water to beneficial use. center pivot irrigation machine

Estimated Total Cost \$ 40 000

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

I, Merle Am dahl 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 Merle Am dahl

Subscribed and sworn to before me this

15

day of

April1976

John L. Williams
 Notary Public (or other qualified officer)

P. E. H. 116

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 2715-3
MERLE AMDAHL ORTLEY
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57256 With the following modifications
 (State)

The irrigation well 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 existing domestic wells or in irrigation wells having prior water rights.

Date of first receipt of application APRIL 26, 1976
 Date of return to applicant for correction, amendments or changes required —, 19 —
 Date of receipt of corrected application: APRIL 30, 1976
 Approved MAY 20, 1976, Recorded in Book 15 Page 159

WATER RIGHT PERMIT NO. 2715-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 2715-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is APRIL 26, 1976
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before NOVEMBER 20, 1978
3. The whole of said work is to be completed on or before MAY 20, 1981
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is MAY 20, 1984
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 2.2 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 the irrigation purposes said appropriation must be limited to not more than 3 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 20, 1984; said water to be used during the following described annual period: APRIL THRU OCTOBER

Witness my hand this 8TH day of JUNE, 19 76

WATER RIGHTS COMMISSION

By:

John K. Ketch
 Chief Engineer, Executive Officer

Certificate of Construction Issued January 26, 1979

Water License Issued January 26, 1979

Form 2A - Wells, Dugouts or Water Storage Dams (Supplement to form 2)

12. Principal Features of the Proposed Water Supply System (continued.)

D. Well Information or Estimates

- (1) Drill Hole, Diameter 30", Depth 182'
- (2) Casing, Type Fiber glass Diameter 16" Thickness 3/8"
(wood, concrete, steel, etc)
- (3) Perforated Screen.
Type S/S +, Diameter 16", Length 30'
- (4) Gravel Pack, Thickness 7", Length of gravel pack 40'

E. Dugout Information or Estimates

- (1) Surface dimensions _____, Depth _____

F. Fill out for Either a Well or a Dugout.

- (1) Water Bearing Materials. (Please attach a copy to test well log if available.)

Character of Water bearing materials 0' to 2' black soil, 2' to 37' yellow clay, 37' to 122' blue clay, 122' to 182' gravel, over 182' is clay

Depth to top of water bearing material 122'

Depth to bottom of water bearing material 182'

Thickness of water bearing material 60'

Depth to water (ground surface to water level) 482'

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

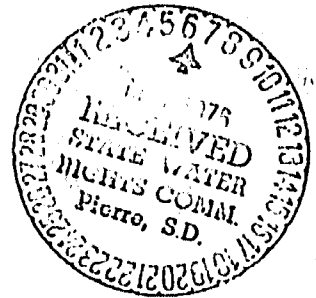
On same owner's property No Supply rds. On property owned by others 90 rds.

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, maximum water depth, surface area and storage capacity of each storage dam. The location of each water storage dam should be shown on the water right map.

Merle Amundahl
Signature of Applicant

2715-3



April 27, 1976

Mr. Merle Amdahl
Ortley, SD 57256

Dear Mr. Amdahl:

Enclosed please find the original copy of the report of analysis of water sample #76-346 submitted here by you about 2 weeks ago. I am also enclosing a copy of AES publication #13 with the quality of this water plotted approximately for irrigation uses by the red cross in the chart on the outside back cover. You will see that it is in the medium salinity, low sodium category.

With such an analysis, the water has practically no hazard for use on any normally well-drained soil. There should be little or no tendency for salinity to accumulate and there is no sodium hazard for soil dispersion. Thus, there should be no restriction on the use of this water for your soil.

I am enclosing also a receipt for your analysis for which we thank you.

A copy of this letter, and of the water analysis, along with your soils information, and the WI-1 form are being sent to the State Conservation Commission for their action.

Sincerely yours,

L. O. Fick
L. O. Fick
Water Quality Lab

LOF:ckb
Enclosures
cc: State Conservation Commission
D. Pahl
Vern Beare, County Extension Agent

CONSERVATION
COMMISSION
FORM WI #1

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(THIS FORM REQUIRED FOR PROPOSED GROUND WATER IRRIGATION ONLY)

NAME Merle Andahl
ADDRESS Ortleigh S. Dak - 57256
COUNTY Grant

LEGAL DESCRIPTION

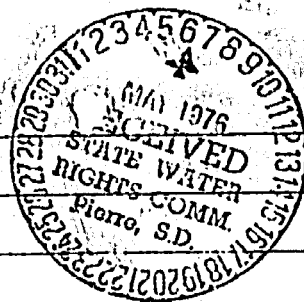
1. WELL LOCATION Center of NE 1/4 Sec 14-120-52
2. LOCATION OF AREA TO BE IRRIGATED NE 1/4 Sec 14-120-52

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT ☒ GUN _____
4. CROPS TO BE IRRIGATED Corn & Alfalfa

WATER QUALITY

5. SAMPLE NUMBER 76-346
6. SALINITY (EC x 10⁶) 687 (medium)
7. SODIUM (SAR) 0.39 (low)
8. RESIDUAL SODIUM CARBONATE (meq/l.) 0



I do hereby certify that a chemical analysis of the ground 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:
that the legal description for the location of the well and land to be irrigated is true and correct.

Merle Andahl
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
14 DAY OF April 1976.

John L. Williams
(TITLE OR SEAL)

Albert J. H. [Signature]
APPROVED/FILED

(SOILS INFORMATION ON REVERSE SIDE)

DESCRIPTIONS OF LAND CAPABILITY UNITS

- I 2 Deep, loamy, well drained soils on nearly level (0 to 2%) upland slopes. They have few or no limitations in use.
- Ile2 Deep, loamy, well drained soils on gently undulating (2 to 6%) slopes. They have a moderate water erosion hazard.
- VIe2 Deep, loamy soils on very steep or hilly (40% or more) slopes. Soils have a very severe water erosion hazard, excessive runoff, and are not suited for cultivation.
- VIw1 Mixed sandy to clayey soils on bottom lands that are nearly level but channeled to such extent that cultivation is not practicable. They have flooding and wetness hazards.

Dr. Fine & Mr. Griggs: There is a mistake on the soils map - that part marked $IIIe_2$ is not steep sloping land but very similar to the area north of it. I know because I am acquainted with it. It's good "stalls" which I would like to own.

John S. W. Carson



REPORT OF ANALYSIS
Water Quality Laboratory
Water Resources Research Institute
South Dakota State University
Brookings, South Dakota 57006

Submitted by: Horle Andahl
 Address: Ortley, SD 57256

Date Rec'd: April 14, 1976
 Sample No. 76-346
 Identification Well-150'
NE 1/4, Sec. 14, T 120N, R 52W

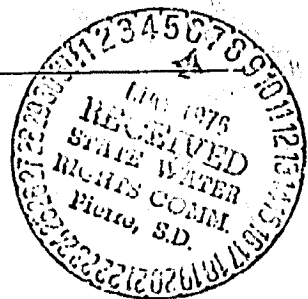
WATER ANALYSIS

Calcium (Ca)	100	ppm*	5.00	me/l**
Magnesium (Mg)	35	ppm	2.87	me/l
Sodium (Na)	18	ppm	0.78	me/l
Potassium (K)	3	ppm	0.08	me/l
Sulfate (SO ₄)	53	ppm	1.10	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	2	ppm	0.06	me/l
Bicarbonate (HCO ₃)	449	ppm	7.36	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	368	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	687	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.39			
Sodium	8.93	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.57			

Others:
 *ppm=parts per million
 **me/l=millequivalents per liter

***g.p.g.=grains per gallon

COMMENTS: Total cations 8.73 me/l
 Total anions 8.52 me/l



By: Shirley Litten

Service Performed	Amount Due
Irrigation analysis	\$8.00 PAID

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 76-346

Amount Enclosed \$

Signed

Form 5.

Permit No. 2715-3

Water Diversion No. 3 Big Sioux River Water District

CERTIFICATE OF CONSTRUCTION

Merle Amdahl

This is to Certify, That _____

_____ the holder _____ of
Permit No. 2715-3, issued upon Application No. 2715-3, bearing date of priority of April 26,
1976 authorizing the diversion of 2.2 cu. ft. per second of the waters of _____
groundwater (one well) County of Grant, State of South Dakota at _____
a point 1860 feet north 135° west of the NE corner, Section 14-T120N-R52W

_____ for Irrigation

_____ purposes, has 5 complied with the provisions of the laws of the State of South Dakota relating to proof of
completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory
condition for diverting and conveying to the place of intended use 1.78 cu. ft. per second of water.

Date January 26, 1979

John Hatch
JOHN HATCH, Chief Engineer
Water Rights Commission

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2715-3

(1) WHEREAS, On the 26th day of April, A. D. 1976
Harold Amdahl

made Water Right Application No. 2715-3 for a permit to use 2.2 cubic feet per second of the waters
of groundwater (one well)

County of Grant, State of South Dakota, for Irrigation

purposes; and
(2) WHEREAS, On the 20th day of May, A. D. 1976
Permit No. 2715-3, with a date of priority of April 26, 1976

was issued to said applicant for the diversion of said water, and provided for the completion of construction of the water
supply system therein described on or before the 20th day of May, A. D. 1981 and for the
application to beneficial use of said water on or before the 20th day of May, A. D. 1984

and:

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to completion of the construction of the water supply system and is entitled to divert 1.78 cubic feet
per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to the application of water to beneficial use of the following extent,

to irrigate portions of the following lands all in Section 14-T120N-R82W

NE 1/4 NE 1/4 33 acres

NE 1/4 NE 1/4 33 acres

SW 1/4 NE 1/4 33 acres

SE 1/4 NE 1/4 33 acres

TOTAL 132 acres

(5) NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota, We hereby grant and confirm to Merle Amdahl

_____ of Ortloy SD
the holder _____ and owner _____ of said permit No. 2715-3 a water right dating from April 26, 1976
_____ to use of 1.70 cubic feet per second of the waters
of groundwater (one well)

in the County of Grant and State of South Dakota, or so much thereof as may be necessary for the
purposes hereinbelow mentioned, to be diverted at a point 1860 feet north 135° west of the NE
corner, Section 14-T120N-R52W

and conduct to and upon portions of land in Section 14-T120N-R52W more fully described on
the face of this license

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 2715-3 and subject to the laws of the State of South Dakota

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 26th day of January A. D.
Nineteen Hundred and Seventy-nine

WATER RIGHTS COMMISSION

By: John Hatch
Chief Engineer, Executive Officer, JOHN HATCH

Form 6 - Notice of Intent to Appropriate Water

2715-3

Publish first publication, on or before May 5, 19 76

**NOTICE
INTENT TO APPROPRIATE WATER**

Pierre, South Dakota 57501

April 30, 19 76

Notice is hereby given that Merle Amdahl
whose post office address is Ortley, South Dakota, has made an application in accordance
with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use
2.2 cubic feet of water per second of time from the ground water through the

Merle Amdahl #1, the point of diversion of which is to be located in the _____

Center of the NE $\frac{1}{4}$
of Section 14, Twp. 120N, Range 52W. Said water to be used for the purpose
of providing irrigation on ^{portions of} the following described land:
NE $\frac{1}{4}$, Section 14, T120N, R52W

This application No. 2715-3 will be considered by the Water Rights Commission at their office at
Pierre upon the 20th day of May, 19 76, at 1:00 P. M. All interested
persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BFJ/bw
cc:

Merle Amdahl, Ortley, S.D. 57256

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Grant) ss.

I, Clarence Justice hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Grant County Review

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

City Milbank of _____

County of Grant and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

May 5, 1976

May 12, 1976

Clarence Justice
(Signature)

Foreman
(Title)

May 12, 1976
(Date Signed)

NOTICE
INTENT TO
APPROPRIATE WATER

Pierre, South Dakota 57501
April 30, 1976
Notice is hereby given, that
Merle Amdahl, whose post office
address is Ortle, South Dakota,
has made an application in ac-
cordance with the provisions of
the water laws of South Dakota
for a permit to appropriate for
beneficial use, 2.2 cubic feet of
water per second of time from
ground water through the Merle
Amdahl No. 1, the point of di-
version of which is to be located
in the Center of the NE 1/4 of
Section 14, Twp. 120N, Range
52W. Said water to be used for the
purpose of providing irrigation on
portions of the following describ-
ed land: NE 1/4, Section 14, T120N,
R52W.

This application No. 2715-3 will
be considered by the Water
Rights Commission at their office
at Pierre upon the 20th day of
May, 1976, at 1:00 P.M. All in-
terested persons may appear and
be heard.

Water Rights Commission
By: Burton F. Jones
Water Rights Specialist

May 5

May 12



May 27, 1976

Jerry W. Thurman
R.R. #2
Waubay, S.D. 57273

Dear Mr. Thurman:

Reference is made to your letter regarding irrigation development in Grant County near your land.

The permits were approved with the following qualification:

The irrigation well approved under this Permit is located near domestic 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 existing domestic wells.

In shallow aquifers such as you are in, we would not anticipate interference if you are one half mile away from the production well. However, the qualification is placed on such permits in case such interference occurs.

Should you have further questions, feel free to contact this office.

Sincerely,

JOHN HATCH
Chief Engineer

JH/BFJ/bw

*Thurman's original ltr filed
in 2717-3*

June 23, 1976

Mr. Earl Bunde
R. R. #1
South Shore, SD 57253

Dear Mr. Bunde:

This letter is in regard to the telephone conversation June 23, 1976 and your request that our decision not to try to protect the artesian flow from your well be reconsidered. This decision was made June 16, 1976 following a meeting at your farm June 15, 1976 when you stated that you did not at that time want to accept the Falk's offer to provide a pump; the offer being made partly at our request. The Falks were not present, since they were not invited to the meeting.

I have again discussed this matter with Mr. Vern Butler, Secretary of the Department of Natural Resource Development and other Water Rights Commission Staff. We are not changing our decision. Since you refused the original offer of a pump, we are not going to require the Falks to provide you a pump even though you may have reconsidered your original position.

It is our understanding that you do not have any flow from your kitchen faucet, but that you still have some flow at your stock tank; therefore, you would still probably have some flow at a faucet in your basement and that your hot water piping is pressurized with a pump drawing rain water from a cistern.

Very truly yours,

John Hatch, Chief Engineer
Water Rights Commission

JH:nlm

June 22, 1976

WR. 2715-3

Mr. Merle Amdahl
Ortley
South Dakota 57256

Dear Mr. Amdahl:

This letter is in regard to the conversation June 16, 1976 at the new observation well site located in the road ditch at the half section line on the south side of Section 27-T120-R52 (Reservation). This well will be used to monitor the artesian aquifer water levels and the effects of irrigation pumping.

Following Mr. Bunde's statement June 15, 1976 at a meeting at his farm that he did not, at that time, want to accept the Falk's offer, made partly at our request, to provide a pump for his domestic well, and a conversation with the Falks, it has been our decision not to protect the flow from Mr. Bunde's well.

Water Rights Commission policy has been that when a large capacity well interferes with domestic wells, the high capacity well owner must make provisions for adequate domestic water supplies to the affected well owner, or reduce or stop pumping. If the domestic well owner does not accept a reasonable offer by the large capacity well owner, the Commission is not obligated to protect the domestic supply in such wells. We did, in Mr. Bunde's case, try to protect his water supply through provision of a pump.

To be considered an adequate well, an artesian well must be constructed with a casing large enough to permit installation of a pump. The pump must be placed, or be capable of being placed, down into the artesian aquifer. Issues regarding Commission action on the adequate well provision will continue to be discussed by the Commission at their next meeting at 10:00 a.m., July 22, 1976 at the Tripp County Court House in Winner.

Existing irrigation permits for wells into the artesian aquifer by yourself and the Falks can be developed; however, the Commission staff will recommend that the Commission not approve additional water right permits until the effects of this development are determined.

Merle Amdahl
June 22, 1976
Page - 2 -

If wells authorized in existing permits interfere with existing wells in the same aquifer, by depriving the wells of water, not necessarily artesian head, then irrigation pumping may be reduced or stopped as necessary.

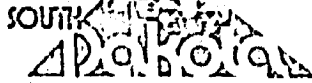
Please advise if you have any questions on this matter.

Very truly yours,

John Hatch, Chief Engineer
WATER RIGHTS COMMISSION

JH:nrf

Extra Copy



2285-3 & 2715-3

Department of Natural Resource Development

WATER RIGHTS COMMISSION

Joe Foss Building, Pierre, South Dakota 57501

Phone 605/224-3151

June 22, 1976

Mr. Earl Bunde
R.R. #1
South Shore, S.D. 57263

Dear Mr. Bunde:

This letter is in regard to the telephone conversation June 18, 1976, and the meetings at your farm June 15 and June 17, 1976. Following the meeting June 15, and your statement that you did not at that time want to accept the Falk offer to provide a pump for your inadequate well, it was our decision not to try to protect the artesian flow from your well.

The offer by the Falks to provide a pump for your domestic well was made partly at our request, because the Falk irrigation well into the same formation in the SW $\frac{1}{4}$ Sec. 22, T120, R52 (Reservation), was apparently affecting the flow from your well.

Water Rights Commission policy has been that when a large capacity well interferes with domestic wells the owner must make provisions for adequate domestic water supplies to the affected well owner, or reduce or stop pumping. If the domestic well owner does not accept a reasonable offer by the large capacity well owner, the Commission is not obligated to protect the domestic supply in such wells. We did in your case try to protect your water supply that is supplied by artesian pressure through provision of a pump.

To be considered an adequate well, an artesian well must be constructed with a casing large enough to permit installation of a pump. The pump must be placed or be capable of being placed down into the artesian aquifer. Issues regarding Commission action on the adequate well provisions will continue to be discussed by the Commission at their next meeting at 10:00 A.M., July 22, 1976 at the Tripp County Court House in Winner.

Mr. Earl Bunde

Page 2.

June 22, 1976

An observation well was installed June 16, 1976 in the road ditch on the half section line on the south side of Section 27, T120, R52 (Reservation), about 1 3/4 miles north of your well. This well will be used to monitor the artesian aquifer water levels and the effects of irrigation well pumping.

Existing irrigation permits for wells into the artesian aquifer by the Falk's and Mr. Merle Amdahl can be developed: however, the Staff will recommend that the Commission not approve additional water right permits until the effects of this development are determined.

If wells authorized in existing permits interfere with existing wells into the same aquifer by depriving the wells of water, not necessarily artesian head, then irrigation pumping may be reduced or stopped as necessary.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Commission

JH/bw

cc: Gene Monahan, R.R. #1, South Shore, S.D. 57263

cc: Harlan Stadheim, Rt. #2, Watertown, S.D. 57201

Warren and Charles Falk, South Shore, S.D.

Merle Amdahl, R.R. 1, South Shore, S.D.

Mbl Evans, R.R. 4, Watertown, S.D.

Form 10.

No. 2715-3

NOTICE OF COMPLETION OF WORKS AND/OR APPLICATION OF WATER TO BENEFICIAL USE
DEPARTMENT OF NATURAL RESOURCE DEVELOPMENT
DIVISION OF WATER RIGHTS
JOE FOSS BUILDING
PIERRE, SOUTH DAKOTA 57501

Post Office Ortley, So. Dak.
Date 9-28-76

TO: Water Resources Commission
State Office Building No. 2
Pierre, South Dakota 57501

Dear Sirs:

This is to inform you that I have completed the construction of the water diversion system and/or that I have put the water to beneficial use to the maximum extent it is going to be used, not exceeding the amounts as specified in Water Right Permit No. 2715-3.

Water Right Permit No. 2715-3 states that the diversion system is to be constructed by May 20, 1981 and that the water is to be put to beneficial use by May 20, 1978.

The diversion system was completed on _____, 19____. Applying the water to beneficial use was completed on July 28, 1976.

You may schedule an inspection so that the Certificate of Construction and/or the Water License may be issued, thus completing my acquisition of a water right.

Meryl Amundahl
(Signature)



Permit No. 2715-3Water Division 3 Big Sioux River Water DistrictREPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE

TO: Water Resources Commission, State Office Building No. 2, Pierre, South Dakota 57501

I have this day made a thorough examination of the water use system constructed by Merle Amdahl
 of Ortley, South Dakota, 57256 holder
 of Permit No. 2715-3, bearing date of priority of April 26, 1976
 authorizing the diversion of 2.2 cu. ft. per second of the waters of one Well
 for Irrigation purposes, in Grant County.

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

The Water Use System consists of,

A. Works used to divert the water:

Motor G.E. Model. 5K6258X HIA, Ser# H4J806438
 75 HP, 1775 RPM.
 Pump. Fairbanks Morse, Size 11 inch, 4 stage, Ser# 13A2807853
 Pumping 800 gpm

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

8" dia Aluminum Pipe 30 ft Long.

C. Works used to apply water to beneficial use.

T & L Center Pivot

The system is in the following condition: GoodThe point of diversion is located 1860' ± N 135° W of the NE corner of
Section 14, T120 N R 52 WThe works are capable of diverting and conveying to the place of use 1.78
 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 14, T120 N R 52 W. NW 1/4 NE 1/4 - 33 Ac.
NE 1/4 NE 1/4 - 33 Ac.; SW 1/4 NE 1/4 - 33 Ac.; SE 1/4 NE 1/4 - 33 Ac.

comprising a total of 132. acres of land.

Well depth - 179 ft
 static 45 ft
 Pumping 800 gpm
 capacity 800 + gpm

Date January 11, 1979

Leroy J. Merrough
 (Signature)

RECEIPT

WATER RIGHTS COMMISSION
State of South Dakota

No 4 6706

PIERRE, January 15, 1979

RECEIVED OF Marla Andahl, Ortle, SD 57256
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit to Appropriate Water No. (examination, processing, recording and filing)		
Fee for Inspecting Construction, and issuing Cert. of Construction No. 2715-3	12	00
Fee for Inspecting Beneficial Use, and Issuing Water License No. 2715-3		
Fee for issuing Location Certificate-Dry Draw, No.		
Fee for filing		
Fee for certified copy of		
Fee for Print copy of map		
Fee for Certifying		
Fee for		
(any other work as provided by law)		
TOTAL	12	00

WATER RIGHTS COMMISSION

By John Hatch
Chief/Engineer, Executive Officer

JOHN HATCH

9Y

 **Department of
Water & Natural Resources**

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

July 19, 1988

2715-3

Merle Amdahl
RR 3, Box 40
Watertown SD 57201

Dear Mr. Amdahl:

During the week of July 12-15 an investigation of domestic well complaints was conducted in Codington and Grant Counties. In all instances, the domestic wells were completed into the Prairie Coteau Aquifer (artesian aquifer) and the water levels were being affected by irrigation withdrawals. One of the complaints was that irrigation systems were wasting water by spraying on county roads and highways. This is not necessary and needs to be prevented. Not only is this a hazard to motorists with potential liability for the irrigator, but it is poor public relations.

I am requesting that you prevent the end guns from spraying on the county roads and highways. Technically, spraying roads is a waste of water and legislation could be introduced and passed by the Legislature that could be difficult to live with.

Very truly yours,


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





Department of Water & Natural Resources

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

February 17, 1989

Merle Amdahl
1607 Bogue Ave NE
Watertown, SD 57201

Dear Mr. Amdahl:

On October 6, 1988, the Water Management Board adopted rules to implement a 1988 law for application of chemicals through irrigation systems. The rules establish equipment standards, performance standards and installation requirements for irrigation systems that apply chemicals (fertilizers, insecticides, or herbicides) with irrigation water.

You have indicated on your 1988 Water Management Board Irrigation Questionnaire that you do apply chemicals with irrigation water. A copy of the new rules for chemigation are enclosed for your information.

The new standards include:

- * a check valve between the irrigation pump and the point of chemical injection;
- * a vacuum relief valve on top of the pipeline between the irrigation pump and the irrigation pipeline check valve;
- * a low-pressure drain on the bottom of the pipeline between the irrigation pump and the irrigation pipeline check valve;
- * a chemical injection line check valve between the chemical injection pump and the point at which the chemical is injected into the irrigation line; a second check valve is required if the chemical injection pump is not a positive displacement pump;
- * an interlock system which ensures that the chemical injection pump will stop whenever the irrigation pump stops;
- * an inspection port between the irrigation pump and the check valve on the irrigation line;





2715-3

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

December 13, 1994

2715-3

Marvin Amdahl
RR #1 Box 140
Orley, SD 57256

Dear Mr. Amdahl:

Enclosed is a partially completed "Notice of Transfer of Ownership" form for use in filing an ownership change on Water Right No. 2715-3. The form is being sent to you in response to the name change on the 1994 Irrigation questionnaire.

Please review the form and complete where necessary. Upon completion, please sign the form in the presence of a notary public and then return the form to our office with a required filing fee of \$2.50.

SD Water Law 46-5-30.3 requires that any sale, grant, lease conveyance or other transfer of a permit or license to appropriate water be filed with the Chief Engineer within 90 days.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Environmental Scientist
Water Rights Division
(605) 773-3352

enclosure

NOTICE OF TRANSFER OF OWNERSHIP

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



No. 2715-3

Date: 12-15-94

I/We request that Water Right No. 2715-3

formerly owned by: Merle Amdahl

be transferred to: (name & address)

Marvin Amdahl
RR1 Box 140 Ortle, SD 57056 (Telephone No) 605-398-6579

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

132 acres in the NE 1/4 Section 14, T120N, R52W

I/We understand that the validity of Water Right No. 2715-3 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

You are requested to file this "Notice of Transfer" in the appropriate file at the Division of Water Rights, as evidence of the change of ownership.

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

STATE OF SOUTH DAKOTA)

County of Grant)

I/We Marvin Amdahl 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 that I know of my own personal knowledge that the information herein stated is true.

Marvin Amdahl
(Signed)

Subscribed and sworn to before me this 3rd day of January, 19 95.

[Signature]
(Notary Public)

NOTE: Water permits may be cancelled for nonconstruction within the five year construction period. Once a water permit is developed and the water used, the permit becomes a right. A water right may be lost for three reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three year period without legal excuse.
3. For a third violation of a condition of a water permit/right.

RECEIPT

Division of Water Rights

South Dakota Department of Environment and Natural Resources

414372

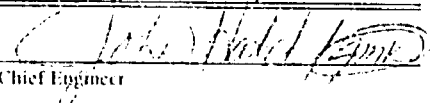
Pierre, _____ January 9, 19 95

RECEIVED OF Marvin Aadahl, RR 1 Box 140, Ortlev, SD 57256

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

Fee for Application for Permit No. _____ to Appropriate Water, to contract and to put water to beneficial use _____		
Fee for Application for Permit No. _____ to Appropriate Water, for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form <u>Water Right No. ~~WR~~ 2715-5</u>	2	50
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	2 50

By 
Chief Engineer

2715-3



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 31, 1995

No. 2715-3

Marvin Amdahl
RR 1, Box 140
Ortley, SD 57256

Dear Mr. Amdahl:

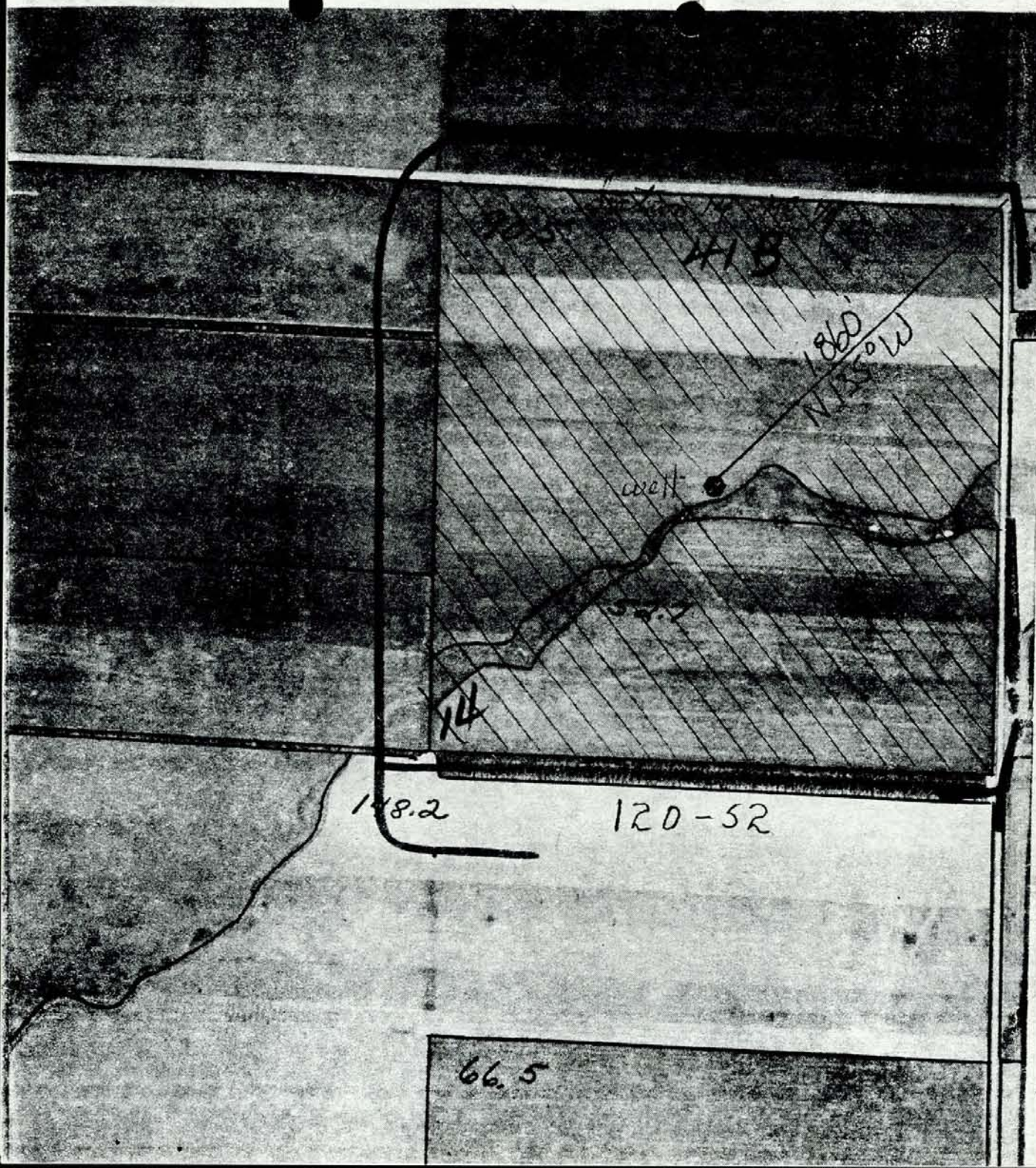
Enclosed is a receipt in the amount of \$2.50 which you paid for the transfer of Water Right No. 2715-3.

Our records now show you as the owner of Water Right No. 2715-3.

Sincerely,

Cheryl F. Frost
Secretary
Water Rights Division
(605) 773-3352

enclosure



MERLE AMDAHL

Irrigation Project # 1
Ortle South Dakota
Grant County

Acres Irrigated - 156

Water claimed 2.2 cfs

Cross hatch indicates irrigated area

Point of Diversion: 1860' N 135° W at NE corner of
Section 14-120-52



Surveyor's Certificate

I, John L. Wiersma, do hereby certify
that this map identifies a reasonable &
accurate record of the land of

Merle Amdahl

Ortle 57256 S. Dakota

4-15-76

Grant County

Drawn by J.L.W.

P. # 1416

John L. Wiersma Brookings S.D.

MAP NO. 2016-3 APPL NO 2715-3

Scale 8" = 1 Mile



RECEIVED
AUG 14 2007
WATER RIGHTS
PROGRAM

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

August 9, 2007

2715-3

Marvin Amdahl
45138 150th St
Ortley SD 57256-5113

Dear Mr. Amdahl:

I am contacting you in regard to your Water Right No. 2715-3. The water right authorizes diversion of ground water for irrigation of 132 acres in the NE ¼ Section 14, T120N, R52W.

Our records show that the land described in this water right has been in CRP. The purpose of my letter is to find out whether the land comes out of CRP in 2007 or if it is actually in CRP through 2007 and will be eligible for irrigation in 2008. We have held up mailing irrigation questionnaires to you while the land has been in CRP but will begin sending them to you once irrigation resumes.

Please get in touch with me to discuss the water right and the duration of your enrollment in the CRP Program. You can either call me or if it is easier, you can answer the questions below and return the letter in the enclosed envelope.

- 1) Will the land come out of CRP and be eligible for irrigation in 2007 or 2008? 2008 *crop year*
- 2) Will the land be re-enrolled for another term? no
If yes, what year will it come out: _____
- 3) Do you intend to irrigate once the land comes out of CRP? yes
- 4) Do you still own the land? yes
(If the answer is no, please let us know the name and mailing address of the new owner.)

Thank you in advance for your help in updating your water right.

Sincerely,

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

enclosures



2715-3
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: MARVIN AMDAHL, 45138 150TH ST, ORTLEY, SD 57256 5113

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 has not been submitted for Permit No(s) 2715-3 as required by administrative rule 74:02:01:14.02. 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 be given notice of hearing to determine if any Board action is to be taken concerning this issue.

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. Following the hearing, the Water Management Board can:

1. Amend Permit No(s) 2715-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
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

February 6, 2012

2715-3

Marvin Amdahl
45138 150th St
Ortley SD 57256 5113

Dear Mr. Amdahl:

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. 2715-3. 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
Environmental Scientist
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us



2715-3
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 23, 2020

NOTICE

TO: MARVIN AMDAHL, 45138 150TH ST, ORTLEY, SD 57256 5113

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

SUBJECT: Reporting Requirement for 2019 Irrigation Questionnaires

Our records indicate your 2019 Irrigation Questionnaires have not been submitted. The request for the Questionnaires was dated October 18, 2019. The Water Management Board has directed that owners of water permits who have not submitted the 2019 Irrigation Questionnaires be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine if Permit No(s) 2715-3 should be amended to require the Questionnaire to be submitted each year and to determine action to be taken for violation of Water Permit No(s) 7328-3, 7783-3 & 7943-3 qualification:

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

The hearing will be held at **Wednesday, February 26, 2020 at 8:30 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) 7328-3, 7783-3 & 7943-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Amend Permit No(s) 2715-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
3. Postpone any action or 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.

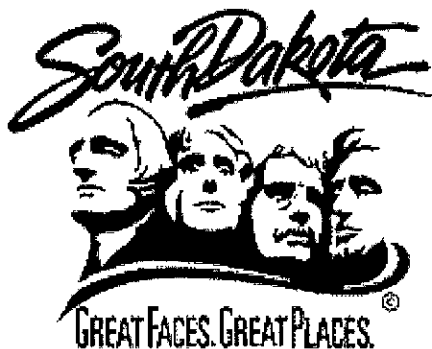
If the questionnaires are received in this office before the **February 26, 2020** hearing you will no longer be in violation of your permit and your name will be removed from the Board agenda. Enclosed are additional questionnaires for your use. If you have questions or need assistance, please contact 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: <https://denr.sd.gov/iq> using this password: GMLYLI**

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.

2715-3
RECEIVED
JAN 30 2020
WATER RIGHTS
PROGRAM

I apologize for not getting
the questionnaire done on time I was
diagnosed with cancer so fell behind
with things.

Man Ahll



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

January 30, 2020

Marvin Amdahl
45138 150th St
Ortley SD 57256-5113

RE: Water Right No. 2715-3 and Water Permit Nos. 7328-3, 7783-3 & 7943-3

Dear Mr. Amdahl:

I am writing to acknowledge receipt of your 2019 irrigation questionnaires.

You may disregard the January 23, 2020, "Notice" concerning reporting requirements for Water Right No. 2715-3 and Water Permit Nos. 7328-3, 7783-3 & 7943-3. 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, appearing to read "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