

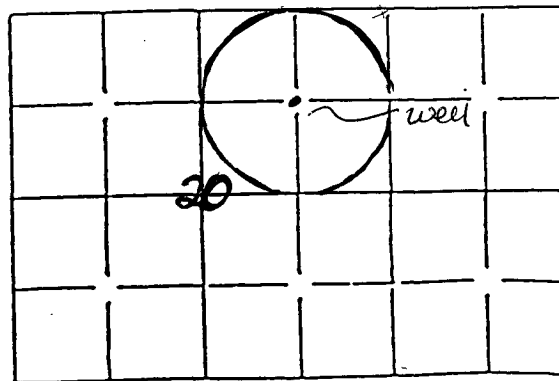
Considered: _____

WATER PERMIT NO. 5338-3 48MAP No. same (515) 232-3389Name of Applicant Milton Allison - Allison Farm AccountPost Office Address 1434 Linden Drive Ames, IA 50010Amount of Water Claimed 1.85 Total Acres 130Source of Water Supply groundwater - wellWater to be used for irrigation County GrantAbout 16 miles west of Milbank

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved _____ Subject to _____

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

PRIORITY _____ Date Received July 3, 1989 Fee \$250.00 Remarks _____Corrected Application Received July 21, 1989 Period of Annual Use Apr 1 - Oct 31WATER QUALITY APPROVAL RECEIVED 7/3/89 APPROVED/CONDITIONAL (Circle one)WI-1 Description same as Application YES ☒ NO _____ REMARKS _____Diversion Point center of NE 1/4 Sect 20-T120N-R51WLand to be Irrigated NE 1/4 Sect 20-T120N-R51WWell Log: Driller LTP Enterprises Licensed YES ☒ NO _____Depth of Well 62 Feet REMARKS Test hole logs submittedType of Map soils PREPARED BY Pat Russell Reviewed and the Numberassigned on July 27, 1989 By Susan Bowser

(See instructions)

No. 5338-3 Hydrologic Unit 07020001
Basin Minnesota - Whetstone
Newspaper Grant Co Review Box 390 Milbank
57552 11/89

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 _____



Applicant Allison Farm Account, Milton J. Allison Phone No. 515-232-3389
Address 1434 Linden Drive Ames State IA Zip Code 50010
(Street, RR or Box) (City)

2. Amount of water claimed (c.f.s.) 1.85 cfs Total acres irrigated 130
3. Source of Water supply well
4. Location of point of diversion CENTER OF NE 1/4, SEC 20, T 120 N, R 51 W
County GRANT
5. Counties where water will be used GRANT
6. Annual period during which water is to be used April 1 - October 31
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.
NW 1/4 NE 1/4 20 120 51	30
NE 1/4 NE 1/4 20 120 51	30
SW 1/4 NE 1/4 20 120 51	35
SE 1/4 NE 1/4 20 120 51	35

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: Potatoes, CORN, ALFALFA, SOY BEANS
10. Give a description of proposed project. (Attach sheet if more space is needed)

Center pivot irrigation of ~130 acres From well
The well has not yet been drilled (7/15/89).

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 _____)

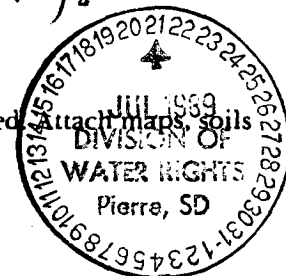
I, Milton J Allison, the applicant, certify that I have read this application and examined the attached maps, that the water sample, if needed, has been taken by the required procedures and has not been adulterated or tampered with and is truly representative of the water to be used, and that the matters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

Signed Milton J Allison

Subscribed and sworn to before me this 28th day of Aug 19 89



Todd A. Thompson
Notary Public



SOUTH DAKOTA
WATER PERMIT No. 5338-3 FOR IRRIGATION

Date of first receipt of application July 3, 1989.
Date Soil/Water Compatibility Permit received July 3, 1989.
Date of return to applicant for corrections, amendments or changes July 10, 1989.
Date of receipt of corrected application July 21, 1989.

The Water Management Board approved Water Permit Application No. 5338-3 on September 28, 1989 for Allison Farm Account c/o Milton J Allison, 1434 Linden Drive, Ames IA 50010 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. 5338-3 appropriates 1.85 cubic feet of water per second from one well (Antelope Valley aquifer) 62 feet deep to irrigate 130 acres. The well is to be located near the center of the NE1/4 and the acreage to be irrigated is located in the NE1/4; all in section 20-T120N-R51W.
2. The amount of the appropriation may not exceed 2 acre feet per acre per year 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: April 1 - October 31.
3. The date from which applicant may claim right is July 3, 1989.
4. One-fifth of the construction is to be completed on or before March 28, 1992.
5. All construction is to be completed on or before September 28, 1994.
6. Water is to be put to beneficial use on or before September 28, 1998.
7. 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 authorized pursuant to this permit shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04.

(continued)

2. 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.
3. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

By: _____

John H. Pelt
Chief Engineer, Water Rights Division
Department of Water and Natural Resources

NOV 20 1989

(date)

Supplemental Information

(type or print in ink)



1. Well Information - Proposed construction

- a) Drill Hole Diameter 18 in Depth 62 ft
- b) Casing Type Steel Diameter 14 in Thickness 0.375 in
- c) Screen Type St. Steel Diameter 14 in Thickness 20 ft
- d) Gravel Pack Thickness 2 in Length of Gravel Pack 20 ft
- e) Depth to Top of Water Bearing Material 20 ft
- f) Depth to Water (ground surface to water level) 20 ft
- g) Distance to nearest existing domestic well:
- On applicants property 800 yds On property owned by others 1/2 mile

2. Dugout Information Estimates

- a) Surface Dimensions _____ Depth _____
- b) Depth to water (ground surface to water level) _____

3. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below. The locations of each dam should be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam please give their name and address

b) Freeboard _____

c) Crest Width _____

Crest Length _____

d) Height _____

e) Primary Outlet Capacity _____
If Pipe, diameter _____

f) Secondary Spillway Capacity _____
Spillway width _____

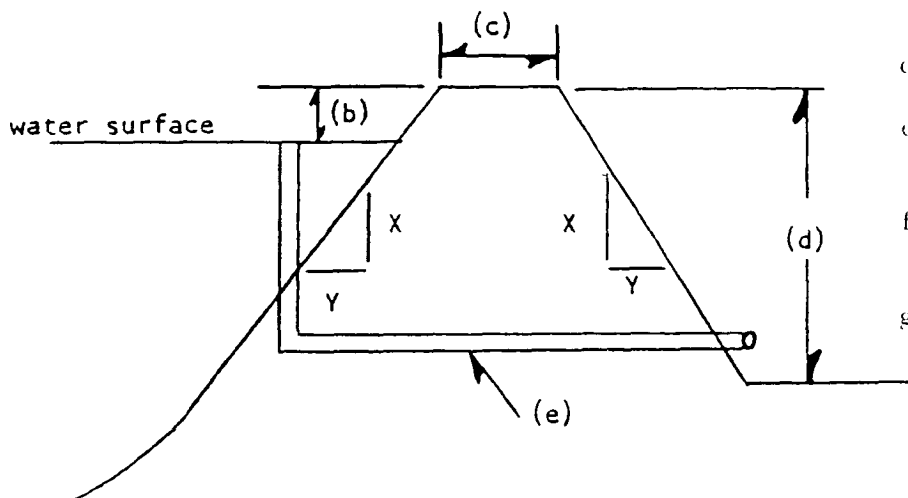
g) X & Y Slope
Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



Milton J Allison
Signature of Applicant



South Dakota Department of Water & Natural Resources

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

July 10, 1989

Milton J. Allison
1434 Linden Drive
Ames, IA 50010

Dear Mr. Allison:

This letter is in response to the water permit application received from you on July 3, 1989.

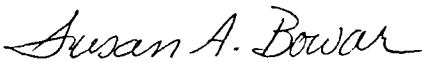
The application is not complete for the following reason(s):

- (1) The acreage to be irrigated on the enclosed map needs to be outlined. The map also needs to be signed by either a South Dakota Licensed Land Surveyor, a South Dakota Registered Professional Engineer, or by a government employee who normally prepares maps as part of their regular duties (see enclosed instruction sheet).
- (2) The amount of water claimed (question No. 2 on the enclosed application form) needs to be completed. According to South Dakota Water Law, SDCL 46-5-6, the maximum amount of water that can be appropriated for irrigation is 1 cubic foot of water per second (cfs) for each 70 acres irrigated. Using this figure, the maximum amount of water you could claim for irrigating 130 acres is 1.85 cfs or approximately 830 gallons of water per minute.
- (3) The required application fee needs to be submitted. The fee structure is found on the enclosed instruction sheet. The fee for irrigating 130 acres is \$250.

The Water Management Board cannot consider a water permit application until it is complete. Please complete question No. 2 on the enclosed application form and return it, along with a signed map outlining the acreage to be irrigated and the required application fee to begin the processing of your water permit application. In addition, please indicate whether or not the well has been drilled. It will be necessary to submit the well log, to be attached to the test hole log, if it has been drilled.

Feel free to contact me if you have any questions.

Sincerely,



Susan A. Bowar
Natural Resources Engineer
Water Rights Division
(605) 773-3352

enclosures



RECEIPT

Division of Water Rights

South Dakota Department of Water and Natural Resources

Pierre, July 21, 19 89

RECEIVED OF Allison Farm (Milton Allison) 1434 Linden Dr. Ames IA 50010

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

Fee for Application for Permit No. <u>5338-3</u> to Appropriate Water, to construct works and to put water to beneficial use _____	25000	
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)	Total	250 00

By

John Hatch
Chief Engineer



CONSERVATION COMMISSION
#1 FORM
3/80

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

Office Use Only
2976

OWNERS NAME: MILTON Allison OWNERS ADDRESS: 1434 Linden Dr
Ames IA 50010
COUNTY LAND LOCATED IN: Gretn PHONE: 515 332 3381
TENANT'S NAME AND ADDRESS: (If Other Than Owner) Vernon Mauer
South Shore S. Dak

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

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

1. WELL LOCATION OR DIVERSION POINT: CENTER OF NE 1/4, SEC 20, T120N
R51W
2. SURFACE WATER SOURCE: _____
3. LOCATION OF AREA TO BE IRRIGATED. NOTE: SOILS INFORMATION FOR THIS AREA MUST ACCOMPANY THE APPLICATION. (See instruction sheet)

Legal Description	Acres	Legal Description	Acres
<u>NE 1/4, Sec 20, T120N, R51W</u>	<u>136</u>		

4. TYPE OF IRRIGATION: GRAVITY: _____ TOWLINE: _____ CENTER PIVOT: ☒ GUN: _____ OTHER: _____ (Specify) _____
5. CROPS TO BE IRRIGATED: Alfalfa
6. SHOW ANY PORTION OF LAND THAT PRESENTLY HOLDS AN IRRIGATION PERMIT: YEAR OBTAINED: _____
LEGAL DESCRIPTION: _____
IN WHAT NAME: _____

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

7. WATER SAMPLE NUMBER: 23-1981 North Dakota State University--Soils Lab
8. SALINITY (EC X 10⁶): 675
9. SODIUM (SAR): 0.17
10. ADJUSTED (SAR): 0.39

I hereby certify that I personally obtained or that I personally observed the taking of a sample of the water to be used in irrigating the above-described land. I also hereby certify that the required procedures for the taking of the sample (see instruction sheet) were followed, and that the sample was taken at _____ a.m./p.m., on _____, 19____, at the following location: _____ by _____ (individual who took sample if other than applicant). I also hereby certify that the water sample taken has NOT been adulterated or tampered with in any manner, and is TRULY REPRESENTATIVE of the water which will be used in irrigating the above-described land.

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

SUBSCRIBED AND SWORN BEFORE ME THIS

9 DAY OF NOVEMBER 19 81

W. H. P. [Signature]
(NOTARY PUBLIC)

IMPORTANT

Action by the Department of Agriculture or the State Conservation Commission is not the final action on any application. In all cases a WATER PERMIT must be obtained from the Board of Water Management.

Milton Allison
APPLICANT'S SIGNATURE

[Signature]
Director, Division of Conservation

APPROVED _____
DISAPPROVED _____
☒ CONDITIONALLY APPROVED



November 10, 1981



Milton Allison
1434 Linden Dr.
Ames, Iowa 50010

Dear Mr. Allison:

The water sample that you submitted to this office on November 9, 1981 has been analyzed for gross salinity by means of a conductivity bridge. The results (approximately 600 micromhos) is in agreement with the report of analysis from the North Dakota State University Soils Department laboratory.

I have calculated the adjusted sodium adsorption ratio and plotted the approximate quality of your water sample by means of a red cross in the chart located on the back of the accompanying AES pamphlet #13.

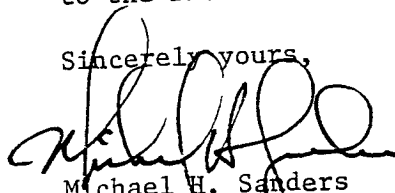
Sample No. 23-1981 is classified as a medium saline, low sodic water. It is suitable for irrigation.

The Renshaw loam found in the NE 1/4 of Section 20-120-51 is compatible with the quality of your water. However, the drainageway located along the SE 1/4 of the NE 1/4 may pond under irrigation. Also, the Renshaw-Sioux complex on the south side of the drainageway possess a slope ranging from 6 to 15 percent. This area would be subject to surface erosion.

Persistent wet spots should be maintained in grass or a grass/alfalfa mixture.

The WI-1, soils information and water analysis are being forwarded to the Division of Conservation for their action.

Sincerely yours,


Michael H. Sanders
Water Quality Lab
Division of Conservation

MHS:ckb

Enclosures

cc: Division of Conservation
D. Pahl, Extension Service
Division of Water Rights

Water Resources Institute/South Dakota State University/Brookings, SD 57007/605 688-4910

RECEIVED

IRRIGATION WATER ANALYSIS REPORT

Number OCT 23 1981 Date Received _____ Date Reported 11/01/81
 Source CAUDILL SEED CO. Location - Twp. 120 N., Range 55 W., Sec. 30
 Submitted by L.T.P. Enterprises Address Box 2131, Fargo, ND
 Submitted by Forrest Caudill Address _____

ANALYSIS

7.6 Conductivity (EC) 675 micromhos/cm Total Dissolved Solids _____
 Calcium (Ca) 4.69 me/l _____ mg/l Carbonates (CO_3) 0 me/l _____ mg/l
 Magnesium (Mg) 1.63 me/l _____ mg/l Bicarbonate (HCO_3) 4.6 me/l _____ mg/l
 Sodium (Na) 0.30 me/l _____ mg/l Chloride (Cl) 0.23 me/l _____ mg/l
 Potassium (K) 0.10 me/l _____ mg/l Sulfate (SO_4) 1.29 me/l _____ mg/l
 _____ me/l _____ mg/l _____ me/l _____ mg/l
 _____ me/l _____ mg/l _____ me/l _____ mg/l

(sodium adsorption ratio-sodium hazard) 0.17adjusted (for water with high carbonate) 0.39

(residual sodium carbonate - values greater than 0 increase the sodium hazard) _____

RECOMMENDATIONS

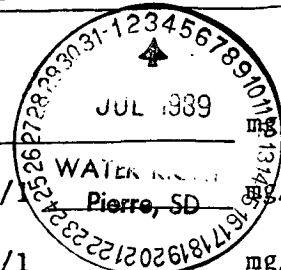
Soils information obtained from ☐ Soil report supplied by Soil Conservation Service,
 _____ County General Soils Survey, ☐ _____ County Soil Survey Report,
☐ No soils information.

Remarks: The water quality is good and would be acceptable to irrigate most soils with adequate drainage.
Since this land is in South Dakota, recommendations should be made by personnel at South
Dakota State University in Brookings. Any approval for irrigation should come from there.

Water is ☐ Good, ☐ Satisfactory, ☐ Poor, ☐ Unsuitable
 Irrigation of ☐ Field Crops ☐ Crops with good salt tolerance
 The soils that dominate the area to be irrigated as located above.

Factors that determined recommendations:

Salinity (EC) ☐ Acceptable ☐ Moderate ☐ High ☐ Very High
 Sodium Hazard (SAR, SAR adj, RSC) ☐ Acceptable ☐ Moderate ☐ High ☐ Very High

Per Michael D. Swenson



Department of Agriculture

DIVISION OF CONSERVATION

Anderson Building, Room 322 • Pierre, South Dakota 57501

Phone 605/773-3258



January 13, 1982

Milton Allison
1434 Linden Dr.
Ames, IA 50010

Dear Mr. Allison:

RE: NE# 20-120-51

This is in reference to your WI#1 Soil/Water Compatibility application form for the above mentioned legal description.

At this time we have conditionally approved your WI#1 form. Your application is conditional as your water and soils are marginal in nature and there does exist a possibility of land damage. However with a high level of water and land management, the risks are minimal.

Your conditionally approved application has been forwarded to the Water Management Board for their action. Please be advised that the Water Management Board will make the final determination on your water right application.

The following conditions have been added to your application. If these limits of salt and sodium buildup in the soil are exceeded, or soil restrictions are not followed, the State Conservation Commission may request suspension of your water right. However, the primary purpose of imposing these conditions upon your application is to call your attention to the necessity of avoiding salt and sodium buildup beyond these levels. As you reach or exceed these levels land and crop damage begins to occur. We urge you to begin a system of monitoring the salt and sodium conditions in your soil so that you may take action on your own if the buildup approaches these levels. In relation to the overall costs of installing and maintaining an irrigation system, the cost of monitoring soil conditions will be insignificant.

CONDITIONS:

SALT: Maximum allowable salt buildup in soil profile: 3000 micromhos/cm

SODIUM: Maximum allowable buildup in soil profile: 8% sodium saturation

SOIL RESTRICTIONS: As noted on management form

If you desire assistance in establishing a monitoring system, you may obtain assistance from a variety of places including this office, the Water Quality Laboratory at South Dakota State University, your extension agent or your local conservation district.

Also in accordance with State Law SDCL 46-5-6.5 if a water permit is granted with a Conditional Soil/Water Compatibility approval, a copy of such, along with a WI#1 form, a copy of the Conditional letter and the Recommended Management Sheet must be filed with the County Register of Deeds. This action must be taken by the holder of the water permit within 6 months of receipt of such water permit. After you have filed the conditional permit with the Register of Deeds, please notify this office of date of filing.

Sincerely,

Martin Dectonson

Program Director
Irrigation Program

cf

*1/21/82 Sent copy of the SDCL 46-5-6.5 to Mr. Allison
- told him that we
- told him that we
- told him that we*

SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
DIVISION OF CONSERVATION



NAME OF APPLICANT Milton Allison
NE 1/4 Sec 20-120-51 = 136 acres

SOIL RESTRICTIONS:

THE SOIL(S) LISTED BELOW CANNOT BE IRRIGATED:

THE SOIL(S) LISTED BELOW CAN BE IRRIGATED WITH THE FOLLOWING RESTRICTIONS:

Mb - Marysland = These are poorly drained soils that should remain in permanent vegetation or be drained to prevent problems with ponding.
RcD - Renshaw Sioux = These soils and the drainage way should remain in permanent vegetation such as grass to prevent problems with erosion. These soils are indicated by red hatch marks.

RECOMMENDED MANAGEMENT

LETE
RM
16931

A circular postmark from Pierre, SD, dated JUL 1989. The center contains a star symbol and the text "JUL 1989", "UNION OF", "WOMEN'S RIGHTS", and "Pierre, SD". To the right of the circle is a date stamp "6/60". The background of the document is a grid of numbers.

Name Milton Allison

Address _____

North

County Grant
 1/4 1/4 NE 1/4 Sec. 21 Twp. 120 Rg. 51

☐ Domestic ☐ Municipal ☒ Test Holes
☐ Irrigation ☐ Industrial ☐ Stock

☒ Forward Rotary ☐ Bored ☐ Jetted
☐ Reverse Rotary ☐ Cable ☐ Other

Diameter of Hole _____

Depth _____
Casing / Steel / Concrete

☐ Plastic ☐ Other

If other, specify _____

Was casing end left open

Was a well screen installed

Describe Well Screen

Diameter	Material
----------	----------

Slot size

Was well gravel packed

Was well grouted

Was water sample taken

Test Hole #1

Static water level below land surface

If flowing: closed in pressure _____ PSI
rate of flow _____ GPM

Valve Reducers Other

If other; specify _____

☐ Pumped _____
☐ Bailed Describe: _____
☐ Other _____

ft. After		Hrs. pumped		GPM
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Depth

From

To

Log attached

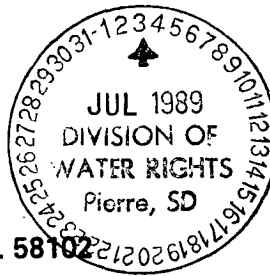
(Use Back if Necessary)

9/23/81

LTP Enterprises, Inc 381
Driller's or Firm's Name License NO.

Box 2131 Fargo, N.D.
Address

Randy Pullarich, Vicepres 9/30/81
Signed By Date

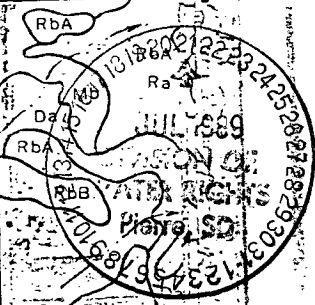


11	12
13	14

form #30.

(Joins sheet 20)

ANTELOPE VALLEY CEMETERY



19

20

29

30

31

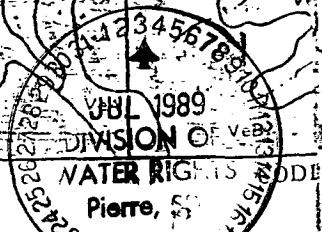
32

(Joins sheet 27)

Scale 1:20000

495 000 FEET

2 775 000 FEET



Pat Russell
USFW 7-19-89

APR 1 1989 5300-3

Report on Application No. 5338-3
Allison Farms
August 1, 1989

Water Permit Application No. 5338-3 was submitted for Allison Farms of Ames, Iowa to appropriate 1.85 cubic feet of water per second (cfs) from one well, 62 feet deep to irrigate 130 acres. The well will be located near the center of the NE1/4 and the acreage to be irrigated will also be in the NE1/4; all in Section 20, T120N, R51W (Grant County).

Aquifer - Antelope Valley (AV)

The Antelope Valley Aquifer is a glacial sand and gravel outwash deposit with an average thickness of approximately 30 feet and a maximum thickness of over 60 feet. The aquifer is usually encountered only a few feet below the land surface (Jarrett, 1986). The aquifer underlies approximately 14,500 acres of Grant County and contains an estimated 32,630 acre-feet of recoverable water (Hedges, 1982).

A test hole log submitted with the application and other logs from wells in the area indicate that the aquifer is under water table conditions (WRD Permit Files, 1989). Two Water Rights Division observation wells, GT-76D and GT-77G, are located in the aquifer within 2 miles of the applicant's well. These watertable wells show seasonal fluctuations related to wet-dry climatic cycles, but do not indicate any long term declines in water levels (WRD Observation Well Files, 1989). Annual recharge to the aquifer was estimated at 2.3 inches/year while average annual use was estimated to be 0.21 inches/year (Hedges, 1983).

Existing Water Permits

There are 7 permits located within 2 miles of the applicant's well. All of the permits are to the southeast of Application No. 5338-3. The closest well is approximately one mile from the applicant's well (WRD Permit Files, 1989). No interference is expected from these water table wells. Other domestic wells may be located in the area which also take water from the Antelope Valley Aquifer.

Conclusions

1. Application No. 5338-3 is an irrigation permit requesting 1.85 cfs from one well 62 feet deep to irrigate 130 acres.
2. Water is available from the Antelope Valley Aquifer for this application. The aquifer is under watertable conditions.

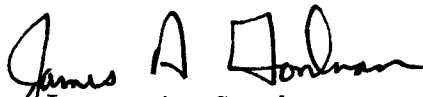
3. A number of other permits are located in the vicinity of Permit Application No. 5338-3, but the nearest well is approximately one mile away. No interference is expected.

4. The well to be drilled to supply this permit must be constructed according to South Dakota Well Construction Standards.



Thomas M. Brandner
Natural Resources Engineer

Approved by:



James A. Goodman
Hydrologist

References

Hedges, L.S., and others, 1982, Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River, South Dakota and Iowa, Prepared for U.S. Army Corps of Engineers Planning Division by DWNR Geological Survey, Vermillion, SD.

Hedges, L.S., J. Allen, and D.E. Holly, 1983, Evaluation of Ground-Water Resources Eastern South Dakota and Upper Big Sioux River South Dakota and Iowa. Task 7: Ground Water Recharge, Prepared for U.S. Army Corps of Engineers Planning Division by DWNR Geological Survey, Vermillion, SD.

Jarrett, Martin J., 1986, Sand and Gravel Resources in Grant County, South Dakota, SDGS Information Pamphlet No. 36, Prepared in cooperation with the USGS, SD Dept. of Transportation, and Grant County, Vermillion, SD.

Water Rights Division, 1989, Permit Files and Observation Well Logs, DWNR, Joe Foss Bldg., Pierre, SD.

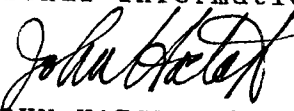
RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 5338-3, Allison Farms

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. 5338-3, Allison Farms, c/o Milton Allison, 1434 Linden Drive, Ames IA.

The Chief Engineer is recommending APPROVAL of Application No. 5338-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) in the public interest with the following qualifications:

1. The well authorized pursuant to this permit shall be constructed by a licensed well driller and construction shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04.
2. 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.
3. This permit is approved subject to the irrigation water use questionnaire being submitted each year.

See the attached report for additional information.


JOHN HATCH, Chief Engineer
August 11, 1989



Department of Water & Natural Resources

Joe Foss Building

523 East Capitol

Pierre, South Dakota 57501-3181

August 17, 1989

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

Milton Allison
Allison Farms
1434 Linden Drive
Ames, IA 50010

Dear Mr. Allison:

Water Permit Application No. 5338-3 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 Grant Co. Review printed at Milbank 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,

Ron Duvall
Natural Resources Engineer
605 773-3352

enclosures





Department of Water & Natural Resources

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

August 17, 1989

Grant Co. Review
Box 390
Milbank, SD 57252

Dear Sir:

Enclosed is a Notice of Hearing on Application No. 5338-3 to be published twice. Please publish the first notice on or before August 23, 1989 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 Allison Farms, c/o Milton Allison, 1434 Linden Drive, Ames IA 50010.

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,

Ron Duvall
Natural Resources Engineer
605 773-3352

enclosures

-----CUT HERE-----

FIRST TRANSMITTAL NOTICE

TO: Ron Duvall
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 August 23, 1989 with 2nd publication 7 days later. The applicant is responsible for payment.

NOTICE OF HEARING on Application No. 5338-3 to Appropriate Water

Notice is given that Allison Farms, c/o Milton Allison, 1434 Linden Drive, Ames IA 50010 has filed an application for a water permit to appropriate 1.85 cubic feet of water per second from one well (Antelope Valley Aquifer) 62 feet deep to irrigate 130 acres. The well is to be located near the center of the NE1/4 and the acreage to be irrigated is located in the NE1/4; all in Section 20-T120N-R51W.

Pursuant to SDCL 46-2A-2, the Chief Engineer of the Water Rights Division recommends APPROVAL of Application No. 5338-3 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water and 4) it is in the public interest. This application will be considered by the Water Management Board in Room 216 of the Joe Foss Building at 523 E. Capitol, Pierre, SD on September 27, 1989 at 10:00 am. 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.

Any interested person that intends to participate in the hearing before the Board by presenting evidence or cross-examining witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and Chief Engineer by September 15, 1989. The Chief Engineer's address is "Water Rights Division, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)". 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 legal counsel if legal counsel is obtained. The applicant need not file a petition. Contact the Water Rights Division to request information on this application or to assure access to the hearing by the handicapped.

This hearing is an adversary proceeding. Any person filing a petition and/or the applicant have the right to be represented by a lawyer. 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. The time of the hearing will also be automatically delayed for at least twenty days upon written request to the Chief Engineer from the applicant or a petitioner. The request for a delay must be received by September 15, 1989.

This application is made pursuant to SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-15; 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; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

Printer's Affidavit of Publication

STATE OF SOUTH DAKOTA,
COUNTY OF GRANT

SS.

Clarence Justice

of said County and State, being first duly sworn, on oath says that the Grant County Review is a legal weekly newspaper of general circulation, printed and published in Milbank, in said County of Grant and State of South Dakota, by Phyllis Justice, and has been such newspaper during the times hereinafter mentioned; that said newspaper is a legal newspaper; and that it has a bona fide circulation of more than two hundred copies weekly, and has been published within said County of Grant in the English language and has been admitted to the United States mail under second class mailing privilege, for at least one year next prior to the publication of the Notice herein mentioned, and has been printed wholly in an office maintained at the said place of publication, that I, the undersigned, foreman of said newspaper, in charge of the advertising department thereof, have personal knowledge of all the facts stated in this affidavit; that the advertisement headed

Notice of Hearing on application No. 5338-3

to Appropriate water - copy sent to Allison Farms

and has been paid a printed copy of

which, taken from the paper in which the same was published, is attached to this sheet and is made a part of this Affidavit, was published in said newspaper at least once each week for two successive weeks, on the day of each week on which the said newspaper was regularly published, to-wit:

August 23 19 89

August 30 19 89

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That \$ 36.94, being the full amount of the fee charged for the publication of said Notice, inures to the benefit of the publisher of the Grant County Review; that no agreement or understanding for the division thereof has been made with any person, and that no part has been agreed to be paid to any person whomsoever.

Clarence Justice

Subscribed and sworn to before me this 20th day of September 19 89

Victoria C. Olson

Notary Public, Grant County, South Dakota

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Publication Fee \$ 36.94

Notarial Fee \$

Total \$ 36.94

VICTORIA C. OLSON
Notary Public, GRANT COUNTY, S. DAK.
My Commission Expires OCT. 17, 1992

This hearing is an adversary proceeding. Any person filing a petition and-or the applicant have the right to be represented by a lawyer. 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. The time of the hearing will also be automatically delayed for at least twenty days upon written request to the Chief Engineer from the applicant or a petitioner. The request for a delay must be received by September 15, 1989.

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August 23

August 30



Department of Water & Natural Resources

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

NOV 20 1989

Allison Farm Account
Milton J Allison
1434 Linden Drive
Ames IA 50010

Dear Mr. Allison:

Enclosed is Water Permit No. 5338-3 as approved by the Water Management Board authorizing you to construct your water diversion system and put the water to beneficial use, not exceeding the limits as specified in the Water Permit.

Also enclosed is Form 10, Notice of Completion of Works and Application of Water to Beneficial Use, which you are to complete and submit to the Chief Engineer when you have completed the system and/or have put the water to beneficial use. An inspection can then be scheduled so that the Water License may be issued, thus completing your acquisition of a Water Right.

Very truly yours,

A handwritten signature in cursive script, reading "John Hatch".

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

enclosures

PLEASE NOTE: Certain changes can be made in your permit within the five year construction period, usually without affecting the priority date provided an application to amend your permit is made within the five year period - i.e. changes in location or number of diversion points (wells) or location of land to be irrigated. Well locations for wells into the same aquifer can be moved up to 660 feet without application.

Applications to amend a permit after the five year construction period will be assigned a new priority date. Applications to change water sources, to add lands or increase original diversion rates, if approved will usually receive the date of the new application as a priority date regardless of the five year construction period.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

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

GREAT FACES. GREAT PLACES.

NOV 23 1992

5338A-3

Allison Farm Account
%Milton J. Allison
1434 Linden Drive
Ames, IA 50010

Dear Mr. Allison:

Enclosed is Water License No. 5338A-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 413319 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. 5338A-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 Water Permit No. 5338-3 have been incorporated into this Water License No. 5338A-3.