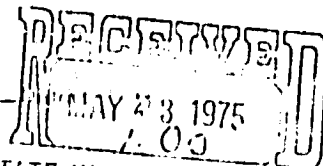


Water Right Number 2286-3

1. Considered JULY 24, 19 75
2. Name of Applicant ROBERT D. HOUCK
3. Post Office Address GETTYSBURG
4. Amount of Water claimed 21.70
5. Source of Water supply MISSOURI RIVER
6. Water to be used for IRRIGATION
- Acres to be irrigated 1520
7. Water to be diverted and used in POTTER County
about 16N-12W miles of GETTYSBURG
8. Proof of Publication Received 6-20-75
Not Received _____
9. Application Approved _____
Subject to _____
Not Approved _____
Action Deferred _____
10. Remarks:

INVOLVES
CANCELLATION

No. 2286-3Map No. 1176-3 Water Division No. 3 Missouri River
(Blanks to be filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

STATE WATER RIGHTS COMM.
PIERRE, SOUTH DAKOTA

To Appropriate Water within the State of South Dakota

(NOTE - Draw a line through items not applicable)

1. Name of Applicant Robert D. Houck
 Post-office address Gettysburg State S.D. 57442
 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 Robert Houck Irrigation Project #1
 4. Amount of water claimed (cubic feet per second) 21.7 - 20.5
 5. Source of water supply Missouri River
 6. Location of point of diversion 1385' W & 2534' N of the SE corner, Section 17,
T119N, R78W
 _____ County Potter
 7. Annual period or periods during which water is to be used April thru October
 8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) irrigation
 9. For irrigation use, Total number of acres to be irrigated 1530. 1440

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.	Land Description	No. Acres Irr.
Section 14 S $\frac{1}{2}$	320	Section 23	640
Section 15 SW $\frac{1}{4}$	160		
Section 16 E$\frac{1}{2}$ - NE$\frac{1}{4}$	80	All in T119N, R78W	
Section 22 N $\frac{1}{2}$	320		

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 5 years. Additional time required to complete application of water to the proposed beneficial use 4 years.
 11. Choice of newspaper for Notice of Intent to Appropriate Water publication Potter County News,
Gettysburg
 12. Principal Features of the Proposed Water Supply System.

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

Pumping Plant & Motors

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

Transmission Line

C. Works proposed to apply water to beneficial use.

Sprinkler systems

Estimated Total Cost \$ _____

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 Hughes

I, _____ 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

Robert D. Houck

Subscribed and sworn to before me this

23 day of May 1975

Notary Public (or other qualified officer)

My Commission Expires 3/27/83

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 2286-3
ROBERT D. HOUCK GETTYSBURG
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57442 with the following modifications:
 (State)

Date of first receipt of application MAY 23 1975
 Date of return to applicant for correction, amendments or changes required --- 19---
 Date of receipt of corrected application --- 19---
 Approved JULY 24 1975 Recorded in Book 14 Page 44

WATER RIGHT PERMIT NO. 2286-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 2286-3 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 MAY 23 1975
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before JANUARY 24 1978
3. The whole of said work is to be completed on or before JULY 24 1980
4. The limit on time from onset of beneficial use of water appropriated in accordance herewith is JULY 24 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 20.5 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 JULY 24 1984; said water to be used during the following described annual period: APRIL THRU OCTOBER

Witness my hand this 18TH day of SEPTEMBER 1975

WATER RIGHTS COMMISSION

John H. Hatt
 Engineer, Executive Officer

Certificate of Construction Issued --- 19---

Water License Issued --- 19---

No. 2286-3

Publish first publication, on or before

July 10, 1975

NOTICE OF INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

June 6, 1975

Notice is hereby given that Robert D. Houck

whose post office address is Gettysburg, 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 21.7 cubic feet of water per second of time from the Missouri River through the

Robert D. Houck Irrigation Project #1, the point of diversion of which is to be located in the _____

NW 1/4, SE 1/4

of Section 17, Twp. 119N, Range 76W. Said water to be used for the purpose of providing irrigation on the following described land:

SW 1/4, Section 14; SE 1/4, Section 15; NE 1/4, Section 16; NE 1/4, Section 22; and all of

Section 23, T119N, R76W

This application No. 2286-3 will be considered by the Water Rights Commission at the North Lounge, Surbeck Center, at the S.D. School of Mines at Rapid City, SD

upon the 24th day of July, 1975 at 2:30 P.M. All interested persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES, Water Rights Specialist

BFJ/bw

cc:

Robert D. Houck, Gettysburg, S.D. 57442

Form 8 - Proof of Publication - Notice of
Intent to Appropriate Water

No. 2286-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Potter) ss.

I, Dorothy Shawgo hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Potter County News

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 _____ of Gettysburg

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

June 12, 1975

June 19, 1975

Dorothy Shawgo
(Signature)

Resident
(Title)

June 19th, 1975
(Date Signed)

No. 2286-3
NOTICE
of Intent to
Appropriate Water
Pierre, S. D. 57501
June 6, 1975

Notice is hereby given that
Robert D. Houck whose post
office address is Gettysburg,
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 21.7 cubic
feet of water per second of
time from the Missouri
River through the Robert D.
Houck Irrigation Project
No. 1, the point of diversion
of which is to be located in
the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 17,
Twp. 119N, Range 78W. Said
water to be used for the
purpose of providing
irrigation on the following
described land: S $\frac{1}{2}$, Section
14; SW $\frac{1}{4}$, Section 15;
E $\frac{1}{2}$ NE $\frac{1}{4}$, Section 16; N $\frac{1}{2}$,
Section 22; and all of Section
23, T119N, R78W.

This application No. 2286-3
will be considered by the
Water Rights Commission at
the North Lounge, Surbeck
Center, at the S. D. School of
Mines at Rapid City, S. D.
upon the 24th day of July,
1975 at 2:30 P.M. All in-
terested persons may appear
and be heard.

Water Rights Com-
mission
Burton F. Jones,
Water Rights Specialist
(June 12, 19, 1975)

RECEIVED
JUN 20 1975

STATE WATER RIGHTS COMM.
PIERRE, SOUTH DAKOTA

**Department of
Water & Natural Resources**

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

February 17, 1989

Robert D. Houck
PO Box 203
Gettysburg, SD 57442

Dear Mr. Houck:

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;

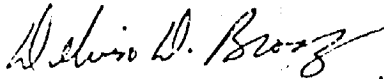


Each of these equipment requirements are discussed more thoroughly in Sections 74:02:09:05 through 74:02:09:10 of the enclosed rules. Appendix A contains diagrams of the arrangements of these anti-pollution devices.

The equipment must be installed according to the manufacturer's specifications, calibrated, and maintained in good working condition. All chemical product labels must be followed and warning signs must be posted. These rules also require reporting of all spills, accidents, and system malfunctions. A 24-hour telephone number is provided.

The chemigation rules contain notification and record keeping requirements. Prior to using chemigation, notification must be given to the Chief Engineer on the enclosed Form 1C. Information that must be provided in this notification includes the water permit or right number, the name, address, and telephone number of the water permit or right holder and of the system operator, and the legal description of the lands on which the system is located. A record of the name, quantity, dates and hours of each chemical applied must be provided to the Chief Engineer on Form 2C. A copy of this form is also enclosed for your information. It will be mailed with the annual irrigation questionnaire and must be returned with the questionnaire by the date specified. If you have any questions regarding these rules or need additional copies of the forms, please contact Susan Bowar, Water Rights Engineer (605-773-3352).

Very truly yours,

for 
JOHN HATCH, Chief Engineer
Water Rights Division



2286-3

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

OCT 15 1993

5762-3

Robert D. Houck
P.O. Box 203
Gettysburg, SD 57442-0203

Dear Mr. Houck:

Enclosed is Water License No. 5762-3 and Receipt No. 413901 for \$50.00 which was assessed for an inspection and issuance of the license. Water License No. 5762-3 is the final document which completes the process of obtaining a water right.

As long as you use the water beneficially, as stated in the Water License, State Water Laws provide that you have a continuing right to use the water.

Very truly yours,

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

gm
enclosures

NOTE: The applicable portions of Water Permit No. 2286-3 have been incorporated into this Water License No. 5762-3.