

No. 2453-B

Map No. 1857-3 Water Division No. 3 MISSOURI RIVER District
(Blanks to be Filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

8:19

To Appropriate Water within the State of South Dakota

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

- Name of Applicant Robert Tjeerdema
Postoffice address Springfield, South Dakota, State 57062
If a corporation show date and place of incorporation none
- Method of accomplishing work (contract, employment of others, or by direct labor) Employment of others
- Name of diversion work Robert Tjeerdema Irrigation Project No. 1
- Amount of water claimed (cubic feet per second) 3.5
- Source of water supply Missouri River
- Location of point of diversion About 4000 feet SE of the SE corner of section 13-92-61
or approximately 600 feet west of ferry boat landing at Running Water, S.D.
County Bon Homme
- Annual period or periods during which water is to be used April thru November
- Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) irrigation
- For irrigation use, Total number of acres to be irrigated 245

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.
NE 1/4 section 13-92-61	115		
NE 1/4 section 13-92-61	130		

Attach sheet if more space is needed

- Time required to complete construction of water supply system 5 years. Additional time required to complete application of water to the proposed beneficial use 2 years.
- Choice of newspaper for Notice of Intent to Appropriate Water publication Springfield Times
- Principal Features of the Proposed Water Supply System.

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

Permanent pump and motor adjacent to Missouri River at point of diversion.

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

Buried pipeline.

C. Works proposed to apply water to beneficial use.

Center pivot sprinkler and traveling gun sprinkler.

Estimated Total Cost \$ 120,000

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 Bon Homme

I, Robert Tjeerdema, 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.

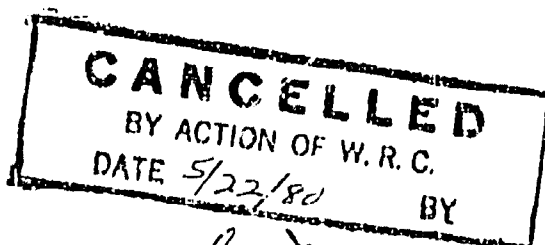
Signed Robert Tjeerdema

Subscribed and sworn to before me this 13 day of April 1975

Notary Public (or other qualified officer)

Cancelled
Incorporated
into 4509-3

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 2483.3ROBERT TJEERDSMA
(Applicant)SPRINGFIELD
(Post Office Address)SOUTH DAKOTA 57062 With the following modifications:
(State)*Incorporated into:
Sec 4509-3*Date of first receipt of application DECEMBER 19, 1975

Date of return to applicant for correction, amendments or changes required _____, 19____

Date of receipt of corrected application _____, 19____

Approved JANUARY 23, 1976, Recorded in Book 14 Page 239WATER RIGHT PERMIT NO. 2483.5The Water Rights Commission hereby grants and issues this Water Right Permit No. 2483.3 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 DECEMBER 19, 1975
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before JULY 23, 1978
3. The whole of said work is to be completed on or before JANUARY 23, 1981
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is JANUARY 23, 1983
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 3.5 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 isactually and beneficially applied for irrigation on or before JANUARY 23, 1983; said water to be used during the following described annual period: APRIL THRU NOVEMBERWitness my hand this 30TH day of JANUARY, 1976.

WATER RIGHTS COMMISSION

By:

Chief Engineer, Executive Officer

Certificate of Construction Issued _____, 19____

Water License Issued _____, 19____

Form 6 - Notice of Int. to Appropriate Water

J. 2483-3

Publish first publication, on or before January 8, 1976

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

December 19, 1975

Notice is hereby given that Robert Tjeerdama
whose post office address is Springfield, 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
3.5 cubic feet of water per second of time from the Missouri River through the
Robert Tjeerdama Project #1, the point of diversion of which is to be located in the _____

NW $\frac{1}{4}$ SW $\frac{1}{4}$

of Section 19, Twp. 92N, Range 60W. Said water to be used for the purpose
of providing irrigation on the following described land:

NW $\frac{1}{4}$ and NE $\frac{1}{4}$, Section 13, T92N, R61W

This application No. 2483-3 will be considered by the Water Rights Commission at their office at
Pierre upon the 22nd day of January, 1976, 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 Tjeerdama

No. 2483-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County De Homme) ss.

I, Wayne L. Bertland hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Springfield Times

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 Springfield

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

Jan. 1, 1976

Jan. 8, 1976

Wayne L. Bertland
(Signature)

Publisher
(Title)

1-8-76
(Date Signed)

NOTICE
INTENT TO
APPROPRIATE WATER

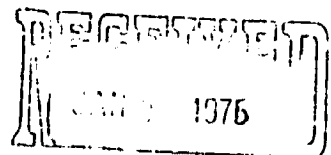
Notice is hereby given that
Robert Tjeerdsma whose post
office address is Springfield,
South Dakota, has made an
application in accordance with
the provisions of the water laws
of South Dakota for a permit to
appropriate for beneficial use 3.5
cubic feet of water per second of
time from the Missouri River
through the Robert Tjeerdsma
Project No. 1, the point of
diversion of which is to be located
in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 19,
Twp. 92N, Range 60W. Said water
to be used for the purpose of
providing irrigation on the por-
tions of the following described
land:

NW $\frac{1}{4}$ and NE $\frac{1}{4}$, Section 13,
T92N, R61W.

This application No. 2483-3 will
be considered by the Water
Rights Commission at their office
at Pierre upon the 22nd day of
January, 1976, at 2:30 p.m. All
interested persons may appear
and be heard.

WATER RIGHTS COMMISSION

By Burton F. Jones
Water Rights Specialist
(Jan. 1 and 8)



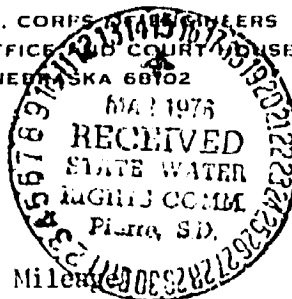
STATE WATER RIGHT DIV.
PIERRE, SOUTH DAKOTA



DEPARTMENT OF THE ARMY
OMAHA DISTRICT, CORPS OF ENGINEERS
6014 U.S. POST OFFICE AND COURT HOUSE
OMAHA, NEBRASKA 68102

2483-2

MROOP-W
SD 2SB OXT 3 000608
Robert Tjeerdsma
Irrigation Intake
Missouri River Mile 840.66L (1960 Mile)



10 March 1976

NOTICE OF PERMIT PENDING

The application of Robert Tjeerdsma, Springfield, South Dakota 57062 for approval of plans and issuance of a permit under authority of the Secretary of the Army is being considered by the District Engineer, U.S. Army Engineer District, Omaha, Nebraska.

The applicant requests permission to construct a permanent water intake structure to provide water to irrigate approximately 300 acres of farmland. The work will consist of excavating approximately 50 cubic yards for the pipe trench, utilizing a backhoe and a dragline, laying approximately 55 feet of 20 inch steel pipe, and constructing a single vertical 36 inch standpipe. The pump used is a 200 horsepower, electric turbine pump with a capacity of 2000 gallons per minute. The riverbank around the intake will be riprapped with approximately 28 cubic yards of field stone.

The State of South Dakota has waived its right to certify compliance with applicable water quality standards required under the provisions of Section 401 of the Federal Water Pollution Control Act and Amendments of 1972. Accordingly, certification that the proposed project will not violate applicable water quality standards has been requested from the Regional Administrator, Environmental Protection Agency, Region VIII, Denver, Colorado.

An environmental assessment of the proposed activity has been made and is on file in this office. The assessment indicates that no significant adverse impacts on the human environment will occur. Based on this finding, a preliminary determination has been made that an environmental impact statement will not be required.

In compliance with the National Environmental Policy Act of 1969 and Section 106 of the National Historic Preservation Act of 1966, the National Register of Historic Places and monthly supplements thereto have been consulted and no properties included therein will be affected by this activity. However, presently unknown archeological, scientific, prehistoric, or historic data may be lost or destroyed by work to be accomplished under the requested permit.



The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered; among those are conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use classification, navigation, recreation, water supply, water quality and in general the needs and welfare of the people. In addition, the evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b) of the Federal Water Pollution Control Act. No permit will be granted unless its issuance is found to be in the public interest.

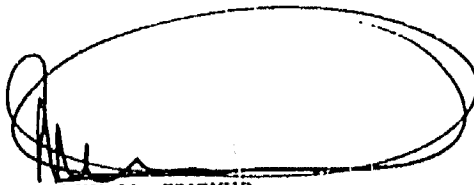
Any person who has an interest which may be adversely affected by the issuance of a permit for the work described herein may request a public hearing. The request must be submitted in writing to the District Engineer within 30 days of the date of this public notice and must clearly set forth the interest which may be adversely affected and the manner in which the proposed activity will adversely affect that interest.

Any interested party (particularly officials of any town, city, county, state, federal agency, or local association) is invited to submit to this office written facts, arguments, or objections on or before 13 April 1976.

A permit, if granted, will be under Section 10 of the River and Harbor Act of March 3, 1899 (30 Stat. 1151; 33 USC 403) and under the provisions of Section 404 of the Federal Water Pollution Control Act (86 Stat. 816, PL 92-500).

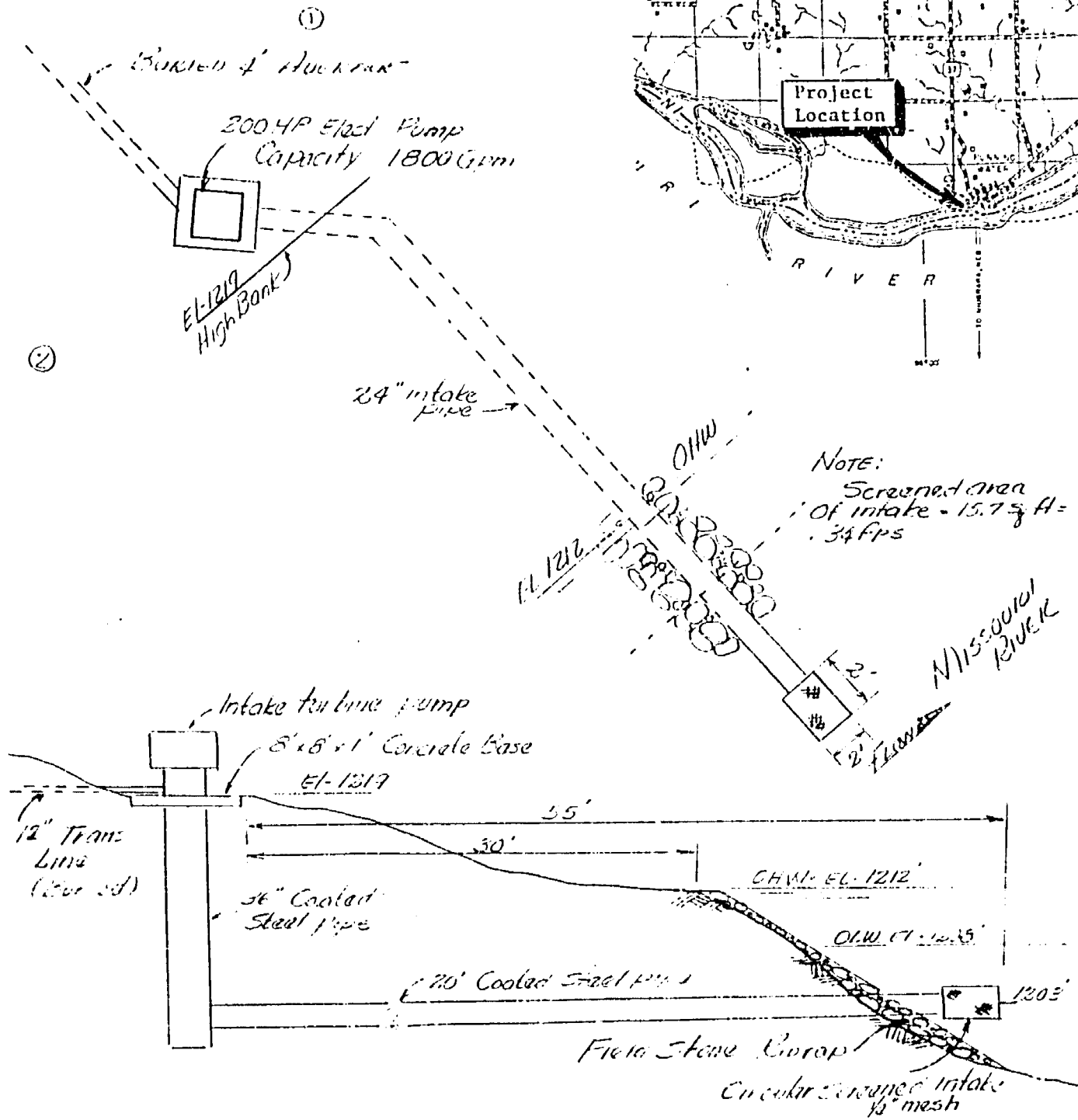
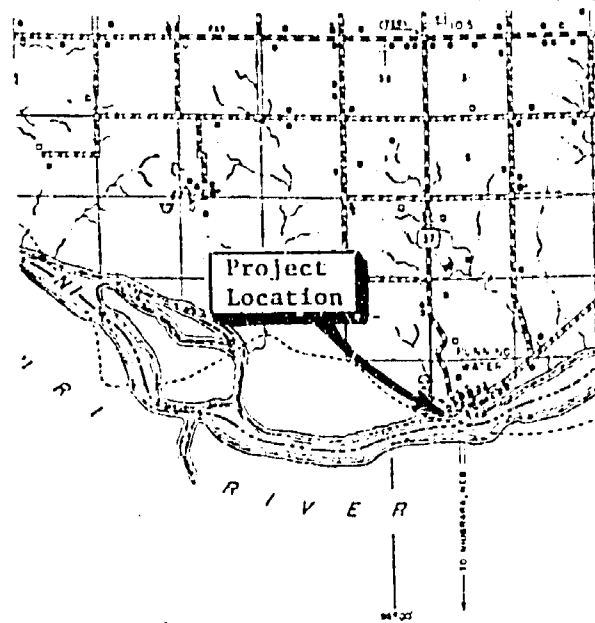
A drawing showing the location and extent of the work is attached to this notice.

FOR THE DISTRICT ENGINEER:

A handwritten signature in dark ink, appearing to read 'LEE W. TUCKER', enclosed within a large, hand-drawn oval loop.

LEE W. TUCKER
LTC, Corps of Engineers
Deputy District Engineer

Attachment
As stated



PURPOSE: Water Intake, Irrigation

DATUM MSL

ADJACENT PROPERTY OWNERS:

① City of Hannibal, Mo

② US Govt

IN Missouri River

AT Mile 840.662

COUNTY OF Bon Homme STATE S. DAKOTA

APPLICATION BY ROBERT TJEERUSMA

SHEET 1 OF 1 DATE

COMMON PUMPING PLANT &
PIPELINE WITH APPL N° 2492-3
GEORGE P. GENANT

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

Post Office Springfield, S.D.Date JUN 16, 1976

TO: **PIERRE, SOUTH DAKOTA 57501**
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. 2483-3.

Water Right Permit No. 2483-3 states that the diversion system is to be constructed by Jan 23, 1981 and that the water is to be put to beneficial use by Jan 23, 1983.

The diversion system was completed on April 18, 1976. Applying the water to beneficial use was completed on May 10, 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.

Robert J. Jacobsen
(Signature)



24633 Start Hydrogen

9-16-71 ⁵⁰⁰ ~~2~~ mo. Not on the ground

16000 8' down

Pump 1300 gpm

o.p. Diff. 16-17 Mod 16. 16-2100

Act 16044-05741

Booth at Meter Line 50 HP 3700 RPM

10 CP from 37475, 37475

Reels Pump Pump 1600

Booth at CP for Reels Pump

1000 gpm Pump 500 gpm

for each pump

Reels 100 HP 3525 RPM

Act 143400, from 36775

Reels Pump

Wet Pump at 1600 gpm

Pump

500

P/E 400 HP 1775 RPM

Model 5K62278 H1A, Ser # DM140798

Pump Radiator Ser # G105919

" Pump 500 gpm

East pump: 1000 gpm

+ Special man. in cabinet

P/E 100 HP - Model 5K62278 H1A

Serial # DM140798, 1775 RPM

Pump Radiator Ser # G105919

Both 15 gpm with 1" well

Both 1" well

1" C-1075 Tigger 1.4"

Both 1" well 1" well 1" well

1" well 1" well 1" well

1" well