

Considered: _____

WATER PERMIT NO. 2048-2

HAP No. same 773-3464

Name of Applicant SD Department of Transportation

Post Office Address 104 S. Garfield, Pierre SD 57501

Amount of Water Claimed 0.007 cfs (3.75 ac-ft storage) Total Acres 0.5

Source of Water Supply dry draw

Water to be used for irrigation (rest area) County Jackson

About 15 miles E of Kadoka

PROOF OF PUBLICATION: Received _____ Not Received _____

APPLICATION: Approved _____ Subject to _____

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

PRIORITY _____ Date Received November 18, 1987 Fee NA Remarks _____

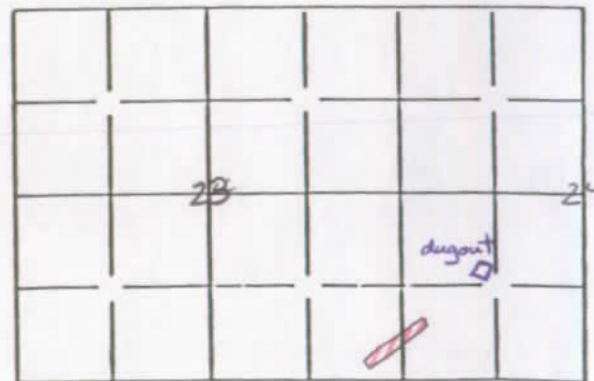
Corrected Application Received _____ Period of Annual Use May 1 - Sept. 30

WATER QUALITY APPROVAL RECEIVED 1/19/88 APPROVED/CONDITIONAL (Circle one)

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

Diversion Point dugout: near center of the
SW $\frac{1}{4}$ section 24 - T2S - R24E

Land to be Irrigated SE $\frac{1}{4}$ SE $\frac{1}{4}$ section 23;
SW $\frac{1}{4}$ SW $\frac{1}{4}$ section 24; all in T2S - R24E



Well Log: Driller NA Licensed YES _____ NO _____

Depth of Well _____ REMARKS _____

Type of Map plat PREPARED BY Dept of Transportation & Ron Duwall Reviewed and the Number assigned on December 30, 1987 By Ron Duwall

(See instructions)

No. 2048-2 Hydrologic Unit 10140102
Basin Bad River
Newspaper Kadoka Press, Box 309 (Wed)

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 _____

1. Name of Applicant SD Department of Transportation Phone No. 773-3464

Post Office Address 104 S. Garfield Pierre, South Dakota State 57501
(Street, RR or Box) (City) Zip Code

2. Amount of water claimed (c.f.s.) 0.007 (3.75 ac-ft) /of storage Total acres irrigated 0.5

3. Source of Water supply dry draw

4. Location of point of diversion near center of SW $\frac{1}{4}$ Section 24-T2S-R24E

County Jackson
5. Counties where water will be used Jackson

6. Annual period during which water is to be used May 1 - September 30

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.
SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 23 and	
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 24; both in	
T2S-R24E	0.5

Land Description	No. Acres Irr.

Attach sheet if more space is needed

8. Type of Irrigation: Gravity: _____ Towline: _____ Center Pivot: _____ Gun: _____ Other: _____
(Specify)

9. Crops to be Irrigated: grass

10. Give a description of proposed project. (Attach sheet if more space is needed)

Surface run-off will be impounded in a dug-out to be constructed on State property in the NW Corner of the W.B. Belvidere Rest Area. The water will be pumped from the dug-out and used to irrigate the grass in the Rest Area (approximately 1/2 acre).

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 Hughes)^{ss}

I, Larry L. Ice, 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 [Signature]

Subscribed and sworn to before me this 17th day of November 19 87

[Signature]
Notary Public

IRRIGATION WATER PERMIT APPROVAL

The Water Management Board hereby approves Water Permit Application No. 2048-2
 to irrigate 0.5 acres in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ section 23; SW $\frac{1}{4}$ SW $\frac{1}{4}$ section 24; both in
(legal description of land)
T2S-R24E From a 3.75 acre-feet dugout located in the center of the
SW $\frac{1}{4}$ section 24-T2S-R24E for
(diversion point, source, depth of well, etc.)

SD Dept of Transportation 104 S Garfield
(Applicant) (Street, RR or Box)
Pierre SD 57501 With the following qualifications.
(City) (State) (Zip Code)

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

Date of first receipt of application November 18, 1987.

Date Soil/Water Compatibility Permit received January 19, 1988.

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

Date of receipt of corrected application _____, 19____. Approved March 3, 1988.

The Water Management Board approved this Water Permit No. 2048-2 authorizing the construction of the water use system and the placing of water to beneficial use as stated in the Application and as qualified in the Water Permit approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is November 18, 1987.
2. One-fifth of the work is to be completed on or before September 3, 1990.
3. The whole of said work is to be completed on or before March 3, 1993.
4. The time limit for proof of beneficial use of water is March 3, 1997.
5. 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 unlawfully impaired by this appropriation.
6. The amount of the appropriation herein granted shall not exceed 0.007 cubic feet per second; neither shall it exceed 2 acre feet per acre per year or 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 March 3, 1997. The water is to be used during the following described annual period: May 1 - Sept 30

WATER MANAGEMENT BOARD

By: John H. Hetch
Chief Engineer

Division of Water Rights
 Dept. of Water and Natural Resources

APR 13 1988

Supplemental Information

(type or print in ink)

1. Well Information - Proposed construction

- a) Drill Hole Diameter _____ Depth _____
- b) Casing Type _____ Diameter _____ Thickness _____
- c) Screen Type _____ Diameter _____ Thickness _____
- d) Gravel Pack Thickness _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material _____
- f) Depth to Water (ground surface to water level) _____
- g) Distance to nearest existing domestic well:
- On applicants property _____ On property owned by others _____

2. Dugout Information Estimates

- a) Surface Dimensions 90x90 Depth 15
- b) Depth to water (ground surface to water level) 0 Storage: 1.5 ac-ft

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 4 feet

c) Crest Width 5 feet

Crest Length 150 feet

d) Height 6 feet

e) Primary Outlet Width 20 feet
Capacity _____
If Pipe, diameter _____

f) Secondary Spillway Capacity N/A
Spillway width _____

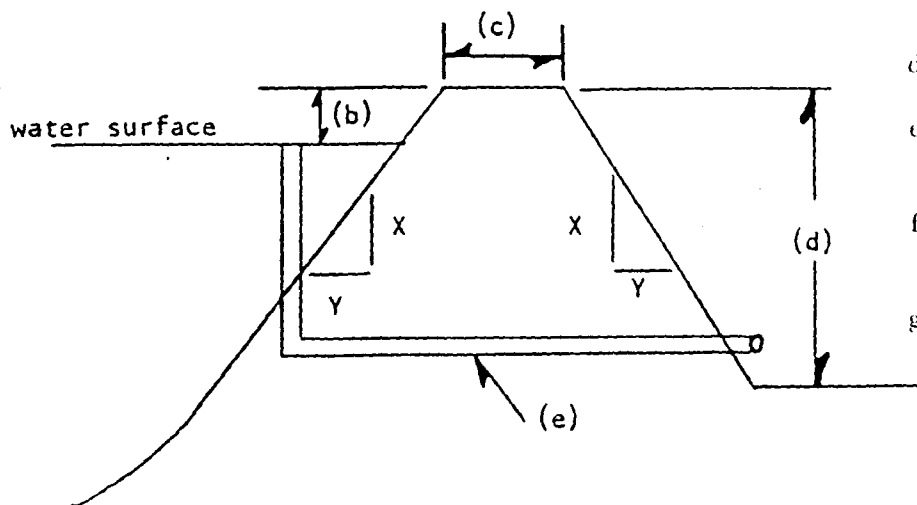
g) X & Y Slope
Upstream 3:1

Downstream 3:1

Surface Area of Impoundment 8 acres

Storage 8 acre feet

Drainage area above dam 305 acres



Signature of Applicant

Supplemental Information

(type or print in ink)

1. Well Information - Proposed construction

- a) Drill Hole Diameter _____ Depth _____
- b) Casing Type _____ Diameter _____ Thickness _____
- c) Screen Type _____ Diameter _____ Thickness _____
- d) Gravel Pack Thickness _____ Length of Gravel Pack _____
- e) Depth to Top of Water Bearing Material _____
- f) Depth to Water (ground surface to water level) _____
- g) Distance to nearest existing domestic well:
- On applicants property _____ On property owned by others _____

2. Dugout Information Estimates

- a) Surface Dimensions 13- x 130 Depth 15 2:1 sideslopes
- b) Depth to water (ground surface to water level) 0

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 _____

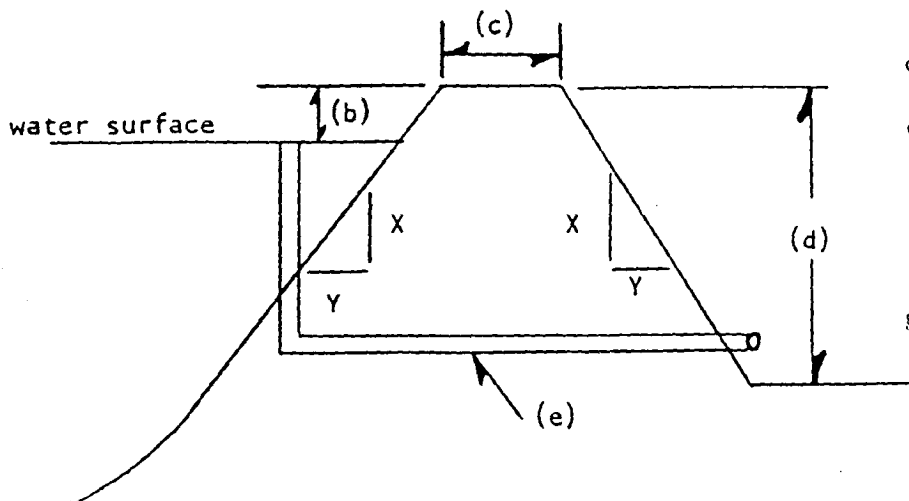
g) X & Y Slope
Upstream _____

Downstream _____

Surface Area of Impoundment _____

Storage _____ acre feet

Drainage area above dam _____



Signature of Applicant

Department of Agriculture
WI#1
5/87

SOIL/WATER COMPATIBILITY PERMIT
Division of Conservation

Office Use Only

4234

WR#

OWNERS NAME: SD Dept. Transportation

OWNERS ADDRESS: 104 S Garfield
Pierre, SD 57501

COUNTY LAND LOCATED IN: Jackson

PHONE: 773-3464

LEGAL DESCRIPTION:

☐ Well

☒ Surface

1. LOCATION SW 1/4 24-T2S-R24E = Dry Draw

Depth _____

Legal Description	Acres	Legal Description	Acres
SE 1/4 BE 1/4 23 & SW 1/4 SW 1/4 24-T2S-R24E	0.5		

2. TYPE OF IRRIGATION: GRAVITY: _____ TOWLINE: _____ CENTER PIVOT: _____ GUN: _____ (Specify) XX

3. CROPS TO BE IRRIGATED: Grass

WATER QUALITY:

4. WATER SAMPLE NUMBER: Dry Draw

7. ADJUSTED (SAR): _____

5. SALINITY (EC X 10⁶): _____

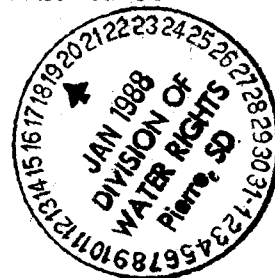
8. PERCENT SODIUM: _____

6. SODIUM (SAR): _____

Requirements:

1. A water sample shall be taken when water is available specified in Article 12:08, Chapter 3, Section 8 of the State Conservation Commission.

2. Drainage enhancement maybe necessary due to clay contents of the soils to be provided as necessary i.e. tile drainage.



XX APPROVED

DISAPPROVED

WAIVER

XX REQUIREMENTS

John M. Lyle
Director, Division of Conservation

1-14-88
Date

Soil/water permits will be recorded by the Department of Agriculture, with the County Register of Deeds.

CONSERVATION COMMISSION MEETING

DATE: January 14, 1988

Page 1 - APPROVED with Requirements

NAME: Larry Ice

Water Quality: Dry Draw

ADDRESS: 104 S Garfield
Dept. of Transportation

SALINITY:

ADDRESS: Pierre, SD 57501

SAR:

SODIUM:

COUNTY: Jackson

ADJ SAR:

LEGAL DESCRIPTION: SE1/4 SE1/4 23; SW1/4 SW1/4 24-T2S-R24E = .5 acres

APPLICATION #: 4234

TYPE OF IRRIGATION: Sprinklers

WATER SOURCE: Ground Water

REQUIREMENTS:

1. A water sample shall be taken when water is available specified in Article 12:08, Chapter 3, Section 8 of the State Conservation Commission.
2. Drainage enhancement maybe necessary due to clay contents of the soils to be provided as necessary i.e. tile drainage.

MANAGEMENT RECOMMENDATIONS:

Due to the high clay content of the soils there are many engineering and environmental planting limitations you should be aware of please refer to the County soil survey.

We recommend that species of grass, tree, and other plants used in the rest area be salt tolerant and adapted to the semi-arid climate. You should be aware that tree growth will be less than optimum under the best conditions.

The water intake of these soils is very slow and compaction will reduce it even further. We recommend limiting traffic on grassed areas for this reason.

We also recommend that an intensive water management program be under taken to address the possible upward movement of salts occurring naturally in the soil. Finally, that a monitoring program be established for possible changes in the water quality and salt movement in the soil.

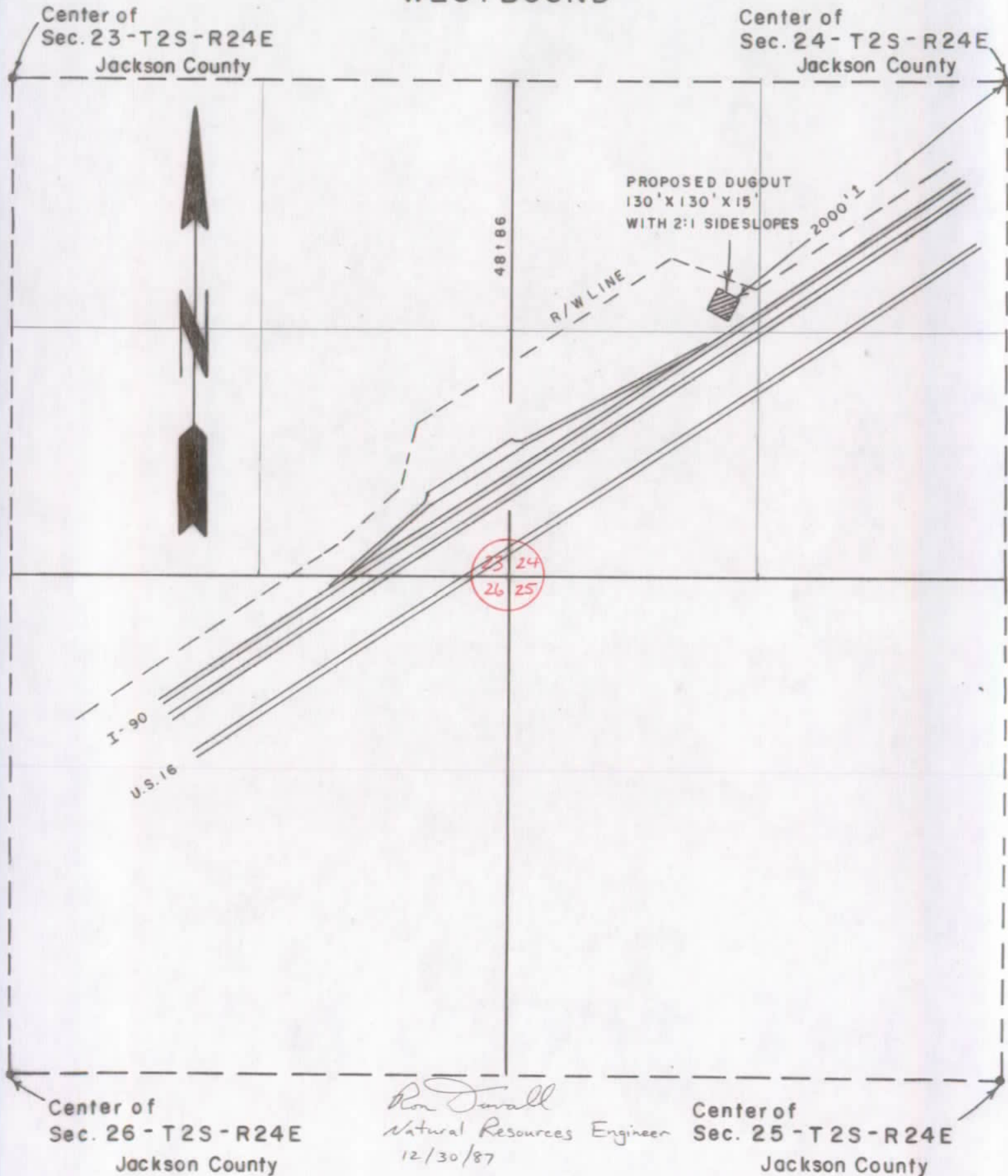
TYPE OF PERMIT GRANTED AND REASON:

The Approved with Requirements recommendation is based on the water source being a dry draw and the clay contents of the soils in the area.

NOTE: Greg Carlson is working with the Dept. of Transportation on these projects and is assisting in the reclamation of two areas adversely effected through the use of ground water.



BELVIDERE REST AREA WESTBOUND



Appl. No. 2048-2

RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 2048-2, SD Department of Transportation

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. 2048-2, SD Department of Transportation, 104 South Garfield, Pierre SD.

The Chief Engineer is recommending APPROVAL of Application No. 2048-2 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 qualification:

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
January 21, 1988

REPORT ON APPLICATION NO. 2048-2
S.D. Department of Transportation
January 14, 1988

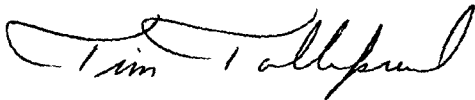
Water Permit Application No. 2048-2 requests 0.007 cubic feet of water per second (cfs) from a dugout to be constructed near the center of the SW1/4 of Section 24 - T2S - R24E, Jackson County. The water will be used to irrigate 0.5 acres located in the SE1/4 of the SE1/4 of Section 23 and the SW1/4 of the SW1/4 of Section 24 - T2S - R24E at the Westbound Belvidere Rest Area on Interstate 90.

DISCUSSION

Surface runoff will be impounded in a dugout to be constructed on state property and will have a storage capacity of 3.75 acre feet. The water will be pumped from the dugout to irrigate the grass at the rest area.

CONCLUSIONS

1. Existing Water Permits should not be adversely affected by approval of Water Permit Application No. 2048-2.
2. It is recommended that Water Permit Application No. 2048-2 be approved with the qualification that the irrigation questionnaire must be submitted each year.



Tim Tollefsrud
Natural Resources Engineer



Department of Water & Natural Resources

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

January 22, 1988

Kadoka Press
Box 309
Kadoka, South Dakota 57543

Dear Sir:

/2049-2

Enclosed is a Notice of Hearing on Application Nos 2048-2 & to be published twice. Please publish the first notice on or before January 27, 1988 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 SD Department of Transportation, 104 S. Garfield, Pierre, SD 57501.

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
No. _____

TO: Water Rights Division
Joe Foss Building
Pierre SD 57501-3181

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



Department of Water & Natural Resources

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

Water Rights Division
(605) 773-3352

January 22, 1988

NOTE:

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

SD Department of Transportation
104 S. Garfield
Pierre, South Dakota 57501

Dear Sir:

Your Application Nos 2048-2 & /2049-2 for a permit to appropriate water for

irrigation (rest area) use, has been examined and found to
comply with the South Dakota Water Laws and applicable rules. A notice of
your intent to appropriate water has been sent to the Publisher of the

Kadoka Press

printed at Kadoka

South Dakota. For your information, a copy of this notice, the recommendation
of the Chief Engineer and a report on the application are enclosed. Please
review this notice prior to publication and notify this office, if you have
any corrections or questions.

BE SURE TO CONTACT THE ABOVE NEWSPAPER IMMEDIATELY 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 at least 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 DUVAL
Natural Resources Engineer

enclosures

Instruction to Newspaper - Publish first publication of the following Notice on or before January 27, 1988 with 2nd publication 1 week later. The applicant is responsible for payment.

NOTICE OF HEARING on Application Nos. 2048-2 and 2049-2 to
Appropriate Water

Notice is hereby given that the SD Department of Transportation whose mailing address is 104 S Garfield, Pierre, South Dakota has filed an Application No. 2048-2 for a permit to appropriate 0.007 cubic feet of water per second (cfs) from a 3.75 acre-feet dugout located on a dry draw to irrigate 0.5 acres at the Westbound Belvidere Rest Area. The dugout is to be located near the center of the SW 1/4 Section 24 and the area to be irrigated in the SE 1/4 SE 1/4 Section 23; SW 1/4 SW 1/4 Section 24; all in T2S, R24E. Application No. 2049-2 is for a permit to appropriate 0.007 cfs from a 3.75 acre-feet dugout located on a dry draw to irrigate 0.5 acres at the Eastbound Belvidere Rest Area. The dugout is to be located in the N 1/2 SW 1/4 and the land to be irrigated in the NE 1/4 SW 1/4, NW 1/4 SE 1/4; all in Section 27, T2S, R24E.

Pursuant to SDCL 46-2A-2 the Chief Engineer of the Water Rights Division recommends Approval of Application Nos. 2048-2 and 2049-2 because 1) unappropriated water is available, 2) will be no unlawful impairment of existing rights, 3) it is a beneficial use of water and 4) it is in the public interest.

The applications will be considered by the Water Management Board in Room 216, Joe Foss Bldg, Pierre SD, March 2, 1988 at 10:00 am.

The recommendation of the Chief Engineer is not final or binding upon the Board and the Board is authorized to 1) approve, 2) approve the with qualifications, 3) defer, or 4) deny an application after it reaches a conclusion based upon facts presented at the public hearing. Any interested person who may be affected by a Board decision and who intends to participate in the hearings before the Board and present evidence or cross-examine witnesses according to SDCL 1-26, must file a written petition with BOTH the applicant and the Chief Engineer by February 19, 1988. The petition may be informal, but it must include a statement describing the petitioner's interest in an application, the reasons for the petitioner's opposition to or support of an application, and the signature and mailing address of the petitioner or his legal counsel if legal counsel is obtained. The applicant need not file a petition.

These applications are made pursuant to the provisions of 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; and Board Rules ARSD 74:02:01:01 thru 74:02:01:15.

These hearings are adversary proceedings. The applicant or any person, after filing a petition, 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 State Supreme Court as provided by law.

(continued)

Any person wishing a copy of the Chief Engineer's recommendation, further information on an application or to assure access to the hearing by the handicapped can contact the Water Rights Division, Joe Foss Bldg, Pierre SD (605 773-3352) for assistance prior to the hearing date. The time of a hearing will be automatically extended for at least twenty days upon written request of the applicant or person who has filed a petition to oppose or support an application. The request for extension must be filed with the Chief Engineer by February 19, 1988.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Jackson) ss.

I, L. G. Parkinson hereby

certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the Kadoka Press

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 Kadoka

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

Thursday, February 28

Thursday, February 4



L. G. Parkinson

(Signature)

Editor

(Title)

February 5, 1988

(Date Signed)

Cost of Printing: \$42.39

fellet if they are not exercised. Decisions
of the Board may be appealed to the Cir-
cuit Court and State Supreme Court as
provided by law.

Any person wishing a copy of the Chief
Engineer's recommendation, further in-
formation on an application or to assure
access to the hearing by the handicapped
can contact the Water Rights Division, Joe
Foss Bldg., Pierre, S. D. (605-773-3352) for
assistance prior to the hearing date. The
time of a hearing will be automatically
extended for at least twenty days upon
written request of the applicant or person
who has filed a petition to oppose or sup-
port an application. The request for exten-
sion must be filed with the Chief Engineer
by February 19, 1988.

Pub. Jan. 28-Feb. 4

NOTICE OF HEARINGS
on Application Nos. 2048-2
and 2049-2 to Appropriate Water

Notice is hereby given that the S. D.
Department of Transportation whose mail-
ing address is 104 S. Garfield, Pierre,
South Dakota has filed an Application No.
2048-2 for a permit to appropriate 0.007
cubic feet of water per second (cfs) from a
3.75 acre-foot dugout located on a dry
draw to irrigate 0.5 acres of the
Westbound Belvidere Rest Area. The
dugout is to be located near the center of
the SW $\frac{1}{4}$ Section 24 and the area to be
irrigated in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 23;
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 24; all in T2S, R24E.
Application No. 2049-2 is for a permit to
appropriate 0.007 cfs from a 3.75 acre-foot
dugout located on a dry draw to irrigate 0.5
acres at the Eastbound Belvidere Rest
Area. The dugout is to be located in the
N $\frac{1}{2}$ SW $\frac{1}{4}$ and the land to be irrigated in
the NE $\frac{1}{4}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$; all in Section
27, T2S, R24E.

Pursuant to SDCL 46-2A-2 the Chief
Engineer of the Water Rights Division
recommends Approval of Application Nos.
2048-2 and 2049-2 because 1) unappro-
priated water is available, 2) will be no
unlawful impairment of existing rights, 3)
it is a beneficial use of water and 4) it is in
the public interest.

The applications will be considered by
the Water Management Board in Room
216, Joe Foss Bldg., Pierre, S. D., March 2,
1988 at 10:00 a.m.

The recommendation of the Chief
Engineer is not final or binding upon the
Board and the Board is authorized to 1)
approve, 2) approve the with
qualifications, 3) defer, or 4) deny an
application after it reaches a conclusion
based upon facts presented at the public
hearing. Any interested person who may
be affected by a Board decision and who
intends to participate in the hearings be-
fore the Board and present evidence or
cross-examine witnesses according to
SDCL 1-26, must file a written petition with
BOTH the applicant and the Chief
Engineer by February 19, 1988. The
petition may be informal, but it must in-
clude a statement describing the peti-
tioner's interest in an application, the
reasons for the petitioner's opposition to
or support of an application, and the
signature and mailing address of the
petitioner or his legal counsel if legal
counsel is obtained. The applicant need
not file a petition.

These applications are made pursuant
to the provisions of 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; and
Board Rules ARSD 74:02:01:01 thru
74:02:01:15.

These hearings are adversary proceed-
ings. The applicant or any person, after
filing a petition, has the right to be present
or to be represented by a lawyer. These
and other due process rights will be for-



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501

Water Rights Division
605 773-3352

APR 13 1988

SD Department of Transportation
104 S. Garfield
Pierre, South Dakota 57501

Dear Sir:

Enclosed herewith is your Water Permit No. 2048-2 as approved by the Water Management Board authorizing you to construct your water diversion system and the water to beneficial use, not exceeding the limits as specified in said Water Permit No. 2048-2.

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 your Water License may be issued to you, thus completing your acquisition of a Water Right.

Very truly yours,

A handwritten signature in black ink, appearing to read "John Hatch". The signature is written in a cursive, somewhat stylized script.

JOHN HATCH, Chief Engineer
Water Rights Division

JH:ms

enclosure

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.

WNR-809-5/83

Permit No. 2048-2
Bad River - Water District

Report of Examination of Works and/or Application of Water to Beneficial Use

TO: Chief Engineer, Water Rights Program, DENR, Foss Bldg., Pierre, SD 57501

I have made a thorough examination of the water use system constructed by the SD Dept. of Transportation of 104 South Garfield, Pierre, SD 57501 holder of Permit No. 2048-2, bearing the priority of November 18, 1987 authorizing the diversion of 0.007 cu. ft. per second and/or the storage of 3.75 acre-feet of the waters of Run-Off for Irrigation purposes, in Jackson County.

Inspection contact & relationship **Doug Droz**
to permit holder, if applicable:

A. Works used to divert the water:

Pump:

- 1) Make Berkley
- 2) Model 4C40-30
- 3) Capacity 3 GPM

Motor:

- 1) Make Franklin
- 2) Model No. 224302704
- 3) Horsepower rating 3 hp

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

- 1) Type Sprinklers

C: Chemigation Equipment:

- 1) Does chemigate N

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by Y
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Y
- 3) Exceptions to compliance are: None

The system is in Good condition with the point(s) of diversion located as follows:

Approximately 1,800 feet north and 1,005 feet east of the SW corner of Section 24-T02S-R24E
(N 43.85526, W -101.19972) (NW ¼ SW ¼)

Report of Examination of Works

Permit No. 2048-2

The works are capable of diverting and conveying to the place of use 0.007cu. ft. per second of water and storing 3.75 acre-feet of water which is to be used for Irrigation use. Water has been put to beneficial use to the maximum extent as follows:

SE ¼ SE 1/4 Section 23-T02S-R24E – 0.4 acres

SW ¼ SW 1/4 Section 24-T02S-R24E – 0.1 acres

comprising a total of 0.5 acres of land and the license should be issued for 0.007 cfs (3 gpm) and 3.75 acre-feet of storage.

All structures, wells and lands on map Y

Comments or other permit(s) associated with the project:

This permit is for irrigation of a Rest Area along the West Bound lane of I-90 near Belvidere, SD. The Rest Area is also on the Lyman-Jones RWS. Water in this dugout is from run-off and will now be used as a back-up source of water for irrigation.



Mike DeFea

Natural Resources Engineer II

DENR, Water Rights Program

Date report completed: April 19, 2014

SD Dept. of Transportation

Water Permit No. 2048-2



0 0.125 0.25 0.5 Miles

Mike DeFea

Mike DeFea
Natural Resources Engineer
DENR, Water Rights Program
April 18, 2014



South Dakota
Department of Environment
& Natural Resources
Protecting SD's Tomorrow...Today



DEPARTMENT OF ENVIRONMENT
and NATURAL RESOURCES

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



MAY 02 2014

2048-2
2049-2

Doug Droz
SD Dept. of Transportation
104 S Garfield
Pierre SD 57501

Dear Mr. Droz:

Enclosed are Water License Nos. 2048-2 and 2049-2. They are the final water right documents completing the process of obtaining Water Rights. Included with the licenses are maps prepared by the staff engineer who conducted the field investigation.

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

Sincerely,

Jeanne Goodman, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2048-2

(1) The South Dakota of Transportation, 104 S Garfield, Pierre SD 57501 made Application No. 2048-2, November 18, 1987 for a water permit to divert 0.007 cubic feet of water per second from runoff into a 3.75 acre-feet dugout located in Jackson County, South Dakota for irrigation purposes. Permit No. 2048-2, with a priority date of November 18, 1987 was approved March 3, 1988 and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before March 3, 1993 and for the application to beneficial use of said water on or before March 3, 1997.

(2) It is certified that the permit holder has complied with the provisions of South Dakota State Law relating to completion of the water supply system and is entitled to divert 0.007 cubic feet of water per second (3 gallons per minute) for beneficial use.

The 3.75 acre feet dugout is located: 1,800 feet north and 1,005 feet east of the SW corner of Section 24, T2S, R24E (NW ¼ SW ¼).

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

Section 23, T2S, R24E	SE ¼ SE ¼	0.4 acres
Section 24, T2S, R24E	SW ¼ SW ¼	0.1 acres
	Total	0.5 acres

The area irrigated is along the west bound lane of I-90 near Belvidere. The rest area is also served by the West River Lyman Jones Rural Water System.

(4) Pursuant to South Dakota Water Law 46-5-30.1 the South Dakota of Transportation, 104 S Garfield, Pierre SD 57501 the holder and/or owner of Water Right No. 2048-2 is issued a license to appropriate water, the right to use 0.007 cubic feet of water per second from runoff into a 3.75 acre feet dugout with a priority date of November 18, 1987 from the location specified in (2) of this license for irrigation purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 2048-2 and subject to the following qualification:

- This Permit is approved subject to the irrigation water use questionnaire being submitted each year.



Jeanne Goodman, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

MAY 02 2014

date





**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

January 6th, 2025

2048-2

Doug Gorham
SD Dept of Transportation
104 S Garfield Ave
Pierre, SD 57501

Dear Mr. Gorham:

The Water Rights Program is in receipt of the 2025 Irrigation Questionnaire you submitted for Water Right No. 2048-2.

Water Right No. 2048-2 authorizes the diversion of 0.007 cfs (3 gpm) from one well completed in Jackson County for irrigation purposes located in Section 24, T2S, R24E (NW1/4 SW1/4).

On this year's questionnaire, and all questionnaires dating as far back as 2017, it has been reported that the irrigation system is no longer constructed, with irrigation last being reported in 2009.

Pursuant to SDCL 46-5-37, if water appropriated under a permit/water right, is not placed to beneficial use for a period of three or more years (without legal excuse), the unused position of the permit/water right may be subject to cancellation due to abandonment or forfeiture.

Please contact me via email or by calling my direct line (605) 773-8204 to discuss potential cancellation of Water Right No. 2048-2.

Sincerely,

Shannon Konst
Program Assistant
Water Rights Program
605 773-3352
Shannon.konst@state.sd.us