

900-2

1. Considered May 17, 1967
2. Name of Applicant Glen L. Short
3. Post Office Address Hermosa
4. Amount of water claimed 0.8
5. Source of water supply Dry Draw
6. Water to be used for Irrigation
Acres to be irrigated 56.1
7. Water to be diverted and used in Custer County
about 1 1/2 miles W of Hermosa.
8. Proof of Publication Received May 16
Not Received _____
9. Application Approved X
Subject to _____
Not Approved _____
Action deferred _____
10. Remarks:

Water Division No. 2 Battle Creek District WATER RESOURCES DISTRICT
(Blanks to be filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT To Appropriate Water within the State of South Dakota

(NOTE—Draw a line through items not applicable.)

1. Name of applicant Glen L. Shorb
Postoffice address HARMON, County Custer, State S. Dakota

I. If a corporation

- (a) Name of same _____
(b) Date and place of incorporation _____
(c) Amount of capital stock _____
(d) Amount paid in _____
(e) Names and addresses of directors _____

(NOTE—A certified copy of articles of incorporation must accompany the application.)

II. Method of accomplishing the work and financial resources of the applicant:

- (a) Method of accomplishing work (Whether by contract, employment of others, or by direct labor)

Direct Labor

- (b) Cash on hand, \$ 350.00 (c) Treasury stock, \$ _____
(d) Bonds to be issued, \$ _____ (e) A.S.C. Participation 1350.00
Other resources, \$ _____

2. Name of diversion work Glen Shorb Water Right
3. Amount of water claimed 0.8 (eight-tenths) cubic feet per second
4. Source of water supply Existing reservoir
5. Location of point of diversion 657.3 ft. on a bearing of N 23° 11' W from the Northwest
Section Corner of Section 30, T.2S., R.8E., on B.H.M. bank _____ County _____
6. Annual period or periods during which water is to be used May thru September
7. To be used for:

- I. Irrigation or domestic use. Gravity, overhead sprinkling or combination system? Irrigation-combination

(a) Number of acres to be irrigated 56.1 acres.

ATTACHMENT TO: APPLICATION FOR PERMIT TO APPROPRIATE WATER
GLEN SHORB WATER RITE

LEGAL SUBDIVISIONS TO BE IRRIGATED: All in T. 2 S., R. 8 E., B.H.M.
Custer County, S. D.

LOCATION	AREA (Acres)
NE $\frac{1}{4}$ of NW $\frac{1}{4}$, Section 30	10.1
NW $\frac{1}{4}$ of NE $\frac{1}{4}$, Section 30	11.8
NE $\frac{1}{4}$ of NE $\frac{1}{4}$, Section 30	4.8
SW $\frac{1}{4}$ of NE $\frac{1}{4}$, Section 30	4.9
SE $\frac{1}{4}$ of NE $\frac{1}{4}$, Section 30	24.5
TOTAL	56.1

MAP # 784-2

8. Estimated cost of work:

(a) Head Gates, \$ none(b) Pumping plant, \$ none(c) Fluming, \$ none(d) Canal-earth, \$ 700Rock, \$ none(e) Other structures earth dam, ditches, & 12" pipe \$ 1,000Total, \$ none

9. Description of diversion works:

I. Nature of works: (Reservoir, dam, ditch, flume, pumping plant, etc.)

Dam, ditches, 12 C.M.P. outlets

II. Dimensions of works.

(a) Dam: Height 15 feet; length at bottom 60 feet; length at top 215 feet; thickness at bottom 95 feet; thickness at top 10 feet; slope at front water face 3:1; slope at back face 2:1; material used in construction earth - 4,000 cubic yards est.

(b) Reservoir: Capacity when filled 7.7 acre feet. Surface area at highwater mark 1.1 acres.

DEPTH AT OUTLET-Feet	SURFACE AREA AT EACH DEPTH AT OUTLET--ACRES	ACRE-Feet CAPACITY
10	1.1	7.7
5	.4	2.6

(c)* Head gate: Width flap gate on inlet side feet; height feet; Material weir in ditch for measuring flow

(d) Canal: Total length .68 miles.

LOCATION BELOW HEADGATE	DEPTH	BOTTOM WIDTH	WIDTH AT WATER-LINE	GRADE PER MILE
At <u> </u> Mile	<u> </u> feet	<u> </u> feet	<u> </u> feet	<u> </u> feet
At <u> </u> Mile	<u> </u> feet	<u> </u> feet	<u> </u> feet	<u> </u> feet
At <u> </u> Mile	<u> </u> feet	<u> </u> feet	<u> </u> feet	<u> </u> feet
At <u> </u> Mile	<u> </u> feet	<u> </u> feet	<u> </u> feet	<u> </u> feet
At <u> </u> Mile	<u> </u> feet	<u> </u> feet	<u> </u> feet	<u> </u> feet
At <u> </u> Mile	<u> </u> feet	<u> </u> feet	<u> </u> feet	<u> </u> feet

(Give dimensions where reductions in size are made.)

10. Time required for completion of work 2 years11. Time required for complete application of water to the proposed beneficial use 2 years12. Choice of newspaper for publication of notice of intention to appropriate Rapid City Journal

STATE OF SOUTH DAKOTA

County of Pennington ss.

I, Glen L. Shurb, being first duly sworn on my oath depose and say That my relation to the above described undertaking is that of owner, that I have read the above foregoing statement, examined the map accompanying the same, and that I know of my own personal knowledge that the matters therein stated and shown are true.

Signed

Glen L. ShurbSubscribed and sworn to before me this 17th day of February, 1947

Notary Public (or other qualified officer.)

My Commission Expires 1-29-73

*Each diversion must have a headgate or measuring device.

MAP OF
GLEN SHORB WATER RIGHT

LOCATED IN
NE 1/4 OF THE NW 1/4 AND THE
NE 1/4 ; ALL IN SEC. 30, T.2S., R.8E., B.H.M.

CUSTER COUNTY, SOUTH DAKOTA
FEBRUARY 1967
SCALE 1" = 400'

PROPOSED AREA TO BE IRRIGATED :

LOCATION	AREA (ACRES)
NE 1/4 OF NW 1/4	10.1
(1) NW 1/4 OF NE 1/4	4.6
(2) NW 1/4 OF NE 1/4	7.2
NE 1/4 OF NE 1/4	4.8
(1) SW 1/4 OF NE 1/4	2.1
(2) SW 1/4 OF NE 1/4	2.8
SE 1/4 OF NE 1/4	24.5
TOTAL	56.1

NOTE: ALL PROPERTY TO BE IRRIGATED IS
OWNED BY GLEN SHORB.

SURVEYORS CERTIFICATE

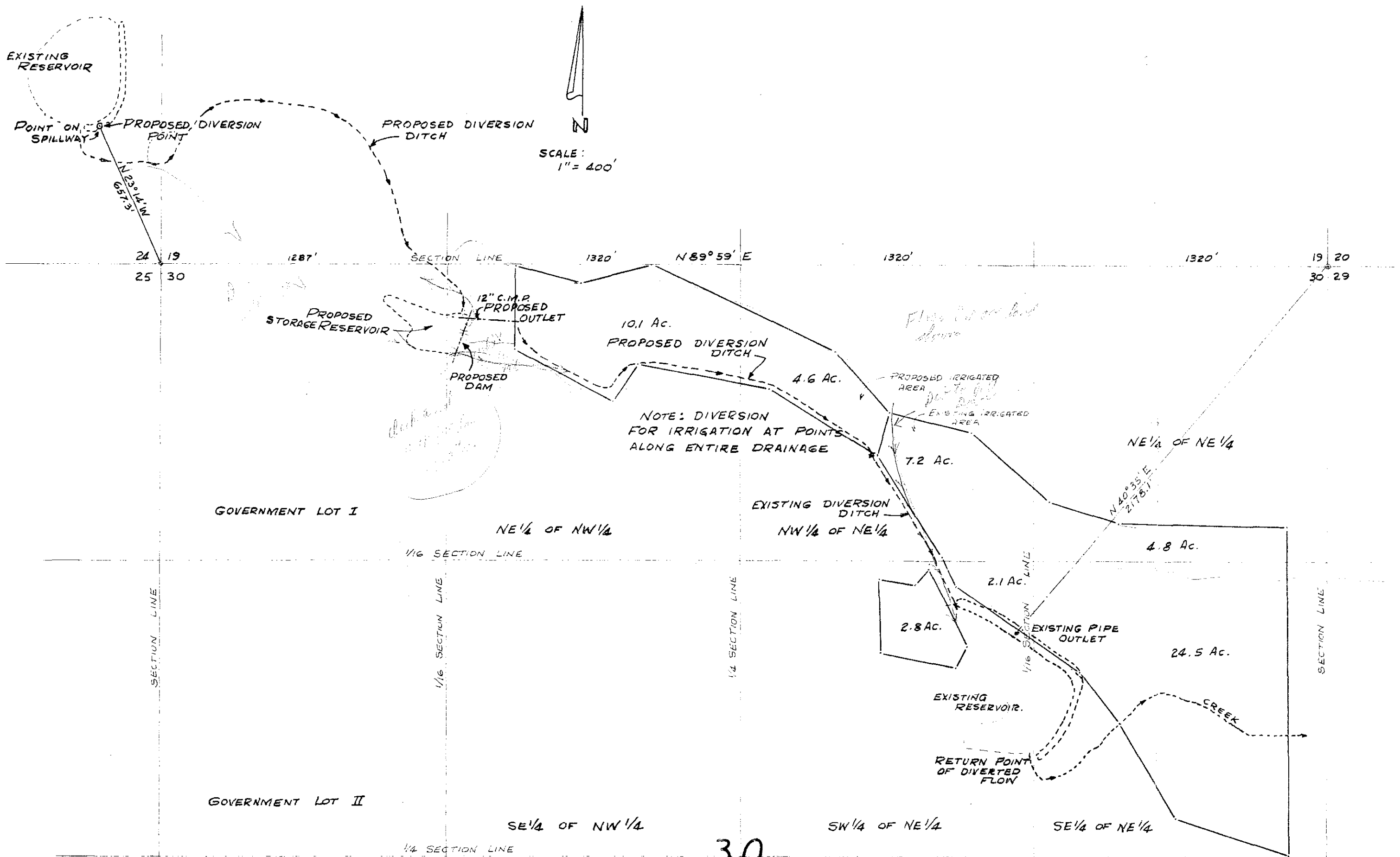
STATE OF SOUTH DAKOTA S.S.
COUNTY OF PENNINGTON

I, STUART D. FERGUSON, REGISTERED ENGINEER AND
LAND SURVEYOR NO. 572 OF THE STATE OF SOUTH DAKOTA, DO HEREBY
CERTIFY THAT BEING SO AUTHORIZED, I MADE THE SURVEY AND
WITHIN MAP OF THE LAND SHOWN AND DESCRIBED HEREON AND THAT
SAME IS CORRECT AS SHOWN HEREON.

Stuart D. Ferguson
STUART D. FERGUSON
REG. ENGR. & LAND SURVEYOR
17 MAIN
RAPID CITY, SOUTH DAKOTA

ON THE 16th DAY OF FEBRUARY, 1967, BEFORE ME, A
NOTARY PUBLIC, PERSONALLY APPEARED STUART D. FERGUSON, KNOWN TO
ME TO BE THE PERSON DESCRIBED IN THE FOREGOING INSTRUMENT AND
ACKNOWLEDGED TO ME THAT HE SIGNED THE SAME.

NOTARY PUBLIC: *James Heald*
MY COMMISSION EXPIRES: January 22, 1973



Remarks by State Water Resources Commission:

This permit authorizes storage of 2.2 Acres
feet annually.

The diversion rate limitation of 1 cubic foot per second for each 70 acres irrigated shall not apply to this Dry Draw irrigation diversion during periods of flood flows, when such flows are in excess of the amount of water required to satisfy domestic use requirements and other water rights.

STATE OF SOUTH DAKOTA

County of

Hughes

ss.

Pierre, South Dakota,

May 19, 1967

This is to certify that the foregoing application was received by the Commission at 8:00 o'clock

A m. upon the 20th day of February, 1967.

State Water Resources Commission

By: Richard D Schroyer
7 a- Chief Engineer, Executive Officer

Number of permit 700-2

Date of first receipt of application February 20, 1967

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

Date of receipt of corrected application _____, 19____

Date from which applicant may claim right February 20, 1967

Approved May 17, 1967 Recorded in Book 9 Page 259

This is to certify that we have examined the foregoing application for a permit to appropriate water of the State of South Dakota, and we hereby grant the same as stated herein, subject, however, to the following limitations and conditions:

1st. The equivalent of at least one-fifth of the work above specified is to be completed on or before _____

May 17, 1968

2nd. The whole of said work is to be completed on or before May 17, 1969

3rd. The limit of time for proof of beneficial use of water appropriated in accordance herewith is

May 17, 1971

4th. The water appropriated shall be used for the purpose of _____

Irrigation

5th. 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.

6th. The amount of the appropriation herein granted shall not exceed 0.8 cubic feet per second; neither shall it exceed the capacity of the above described system of diversion works, nor the least amount of water that experience may hereafter indicate as necessary for the production of crops in the exercise of the best husbandry; and further, said appropriation must be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually

and beneficially applied for irrigation on or before May 17, 1971; said water to be used during the following described annual period:

April 1st through November 1st

Witness my hand this 19th day of May, 1967

State Water Resources Commission

By:

George W. ...
Chief Engineer, Executive Officer

Certificate of Construction Issued

January 19, 1981

Water License Issued

January 19, 1981

on or before **April 20**, 19**67**
(First Publication)

APPROPRIATION OF WATER

Office of State Water Resources Commission,

Pierre, S. Dak., **March 21**, 19**67**

Notice is hereby given that **Glen L. Shorb** whose postoffice address is **Hermosa** S. Dak., has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use **0.8** cubic feet of water per second of time from **a dry draw** through the **Glen Shorb Water Right** both between a point in the **SE 1/4 Sec. 24, T2S, R7E** and a point in the **SW 1/4 of the NE 1/4 of Section 30** portions of Twp. **2S** Range **0E**. Said water to be used for the purpose of providing irrigation on the following described land:

NE 1/4 and NE 1/4 NW 1/4, Section 30, T2S, R8E

~~and for the purpose of~~

This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the **17th** day of **May**, 19**67** at **2 P.** M. All interested persons may appear and be heard.

Appropriate action will be taken by the Water Resources Commission after suitable time has elapsed for the consideration of any or all information presented.

State Water Resources Commission

By:

RICHARD D. SCHMOYER
Chief Engineer, Executive Officer
Water Right Specialist

CC: Mr. William Brown, Publisher
Daily Journal
Rapid City, S.D.

RECEIVED
MAY 16 1967
STATE WATER RESOURCES COMM.
FLEET SOUTH CAROLINA

County _____
 W. C. Wagon _____ being duly
 sworn, deposes and says the annexed printed copy of Notice
 taken from the _____

Pennington and State of South Dakota;
that the said notice was published in said newspaper on the
following date:

April 27, May 4, 11

in each and every issue of the full number thereof, the first publication being made on the 20th day of April 1962 and the last publication on the 11th day of May 1962, at intervals of not less than _____ days or times.

19-67, and the last publication
 _____ May _____ 19-57, upon which days or times
 of publication aforesaid the newspaper was regularly pub-
 lished, and that during the whole time of said publication he
 was Business Manager ~~proprietor, printer and publisher~~ of
 the said newspaper.

Subscribed and sworn to before me this 11th day of May A. D. 19 67
James Michaelson

Notary Public Pennington County, S. D.

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 7854

PIERRE,

December 29, 19 80

RECEIVED OF Shorb Brothers Dairy, Box 87, Hermosa, SD 57744

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

Fee for Application for Permit to appropriate Water No. (examination, processing, recording and filing)		
Fee for inspecting Construction, and issuing Cert. of Construction No. 900-2	12	00
Fee for inspecting Beneficial Use, and issuing Water License No. 900-2		
Fee for issuing Location Certificate-Dry Draw, No.		
Fee for filing		
Fee for certified copy of		
Fee for Print copy of map		
Fee for Certifying		
Fee for (any other work as provided by law)		
TOTAL	12	00

WATER RIGHTS COMMISSION

By *John Hatch*
Chief Engineer, Executive Officer
JOHN HATCH / (bt)

Permit No. 900-2Water Division 2 Battle Creek Water DistrictREPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE

TO: WATER RIGHTS, WATER MANAGEMENT BOARD / FOSS BLDG., PIERRE, SOUTH DAKOTA 57501

I have this day made a thorough examination of the water use system constructed by Glen A. Shorbof Hermosa, S.D.K. holderof Permit No. 900-2, bearing date of priority of February 20, 1967authorizing the diversion of 0.8 cu. ft. per second of the waters of Dry Drawfor Irrigation purposes, in Custer County.

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

The Water Use System consists of,

A. Works used to divert the water:

Two existing reservoirs.Pump American, Size 6, Shop # 14905 pumps. 1000 gpm (est)Tractor Power Take-off

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

Diversion Ditches

C. Works used to apply water to beneficial use.

Flood Thru diversion ditchesThe system is in the following condition: GoodThe point of diversion is located Between a Point 657.3 ft on a bearing of N 73° 14' W
from the NW cor. Sec. 30 and N 40° 35' E 2178.1' from the NE cor
of Sec. 30, T 2 S R 8 EThe works are capable of diverting and conveying to the place of use 2.2cu. ft. per second of water which is to be used for Irrigation.Water has been put to beneficial use to the maximum extent as follows: In Sec. 19, T 2 S R 8 ESW 1/4 SW 1/4 - 1 Ac. SE 1/4 SW 1/4 - 2 Ac. In Sec. 30 T 2 S R 8 ENE 1/4 NW 1/4 - 13 Ac. NW 1/4 NE 1/4 - 12 Ac. NE 1/4 NE 1/4 - 3 Ac.SW 1/4 NE 1/4 - 3 Ac. SE 1/4 NE 1/4 - 2.2 Ac.comprising a total of 56 acres of land.License for 0.15 cfs.Date July 22, 1980LeRoy J. Bernaugh
(Signature)

Permit No. 900-2

Water Diversion No. 2 Battle Creek Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Glen L. Shorb

_____ the holder _____ of
Permit No. 900-2, issued upon Application No. 900-2, bearing date of priority of February 20,
1967, authorizing the diversion of .6 cu. ft. per second of the waters of a
Dry Draw County of Custer, State of South Dakota between
a point 637.3' on a bearing of N 23° 14' W from the NW Corner, Sec.
30 & N 40° 35' E, 2178.1' from the NE Corner of Sec. 30T2S-R8E
_____, for irrigation

_____ purposes, has _____ complied with the provisions of the laws of the State of South Dakota relating to proof of
completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory
condition for diverting and conveying to the place of intended use 2.2 cu. ft. per second of water.

Date January 19, 1981

John Hatch
JOHN HATCH, Chief Engineer
Water Rights Division

WATER LICENSE NO. 990-2

(1) WHEREAS, On the 20th day of February, A.D. 19 67
Clon L. Shorb

made Water Right Application No. 900-2 for a permit to use 0.8 cubic feet per second of the waters
of a dry draw
County of Custer, State of South Dakota, for irrigation
purposes; and

(2) WHEREAS, On the 17th day of May, A.D. 19 67
Permit No. 900-2, with a date of priority of February 20, 1967

was issued to said applicant for the diversion of said water, and provided for the completion of construction of the water
supply system therein described on or before the 17th day of May, A.D. 19 69 and for the
application to beneficial use of said water on or before the 17th day of May, A.D. 19 71

and:

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to completion of the construction of the water supply system and is entitled to divert 0.8 cubic feet
per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to the application of water to beneficial use of the following extent,
to irrigate the following lands all in T2S-R3E

Section 19 acres

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

SE $\frac{1}{4}$ SW $\frac{1}{4}$ 2

Section 30

NE $\frac{1}{4}$ NW $\frac{1}{4}$ 13

NE $\frac{1}{4}$ NE $\frac{1}{4}$ 3

NW $\frac{1}{4}$ NE $\frac{1}{4}$ 12

SW $\frac{1}{4}$ NE $\frac{1}{4}$ 3

S $\frac{1}{2}$ NE $\frac{1}{4}$ 22

Total 56 acres

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

of Hermosa, SD
the holder _____ and owner _____ of said permit No. 900-2 a water right, dating from _____
to use of 0.8 cubic feet per second of the waters
of a dry draw

in the County of Custer and State of South Dakota, or so much thereof as may be necessary for the
purposes hereinbelow mentioned, to be diverted at between a point 657.3' on a bearing of N
23° 14' W from the NW Corner, Sec. 30 & N 49° 35' E, 2178.1' from the NE
Corner of Sec. 30-T2S-R8E

and conducted to and upon portions of lands in Sections 19 & 30-T2S-R8E,
more fully described on the face of this License

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 900-2 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 19th day of January A. D.
Nineteen Hundred and eighty-one

WATER MANAGEMENT BOARD

By:

John Hatch
Chief Engineer, Executive Officer JOHN HATCH



Department of Natural Resource Development

Joe Foss Building, Pierre, South Dakota 57501
Phone 605/224-3151

