

Water Right Number 1948-3

1. Considered Sept. 6, 1972
2. Name of Applicant Dick Fossum
3. Post Office Address Rt. 1 - Canton, S.D.
4. Amount of Water claimed 7.2 ac. 3t. ann.
5. Source of Water supply Local runoff
6. Water to be used for Wildlife & Recreation

Acres to be irrigated -

7. Water to be diverted and used in Lincoln County
about 1 miles 5 of Canton

8. Proof of Publication Received 9-8-72

Not Received _____

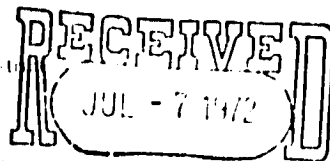
9. Application Approved _____

Subject to _____

Not Approved _____

Action Deferred _____

10. Remarks:

No. 1948-3
 Map No. 1380-3 Water Division No. 3 Big Sioux River District
 (Blanks to be filled by the Engineer for the W.R.C.)


APPLICATION FOR PERMIT

STATE WATER RESOURCES 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 Dick Fossum
 Postoffice address Route #1, Canton State South Dakota
 If a corporation show date and place of incorporation _____
 2. Method of accomplishing work (contract, employment of others, or by direct labor) contract
 3. Name of diversion work Fossum Wildlife Dam
 4. Amount of water claimed (cubic feet per second) 7.2 acre feet annually
 5. Source of water supply Local runoff
 6. Location of point of diversion in the NW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 25, T97N, R50W

- County Lincoln
 7. Annual period or periods during which water is to be used continuously
 8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) Wildlife and Recreation
 9. For irrigation use, Total number of acres to be irrigated _____

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.

Attach sheet if more space is needed

10. Time required to complete construction of water supply system two years. Additional time required to complete application of water to the proposed beneficial use two years.
 11. Choice of newspaper for Notice of Intent to Appropriate Water publication Sioux Valley News, Canton, S.D.
 12. Principal Features of the Proposed Water Supply System

A. Works proposed to divert water from its natural source

Dam with water stored for wildlife and recreational purposes.

B. Works proposed to transport water to place of use

C. Work proposed to apply water to beneficial use

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 _____)

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 Dick FossumSubscribed and sworn to before me this 6 day of July 1948
John S. E. Nelson, Co. Not.
 Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Resources Commission hereby approves Water Right Application No. 1948-3
DICK FOSSUM ROUTE #1, CANTON
 (Applicant) (Post Office Address)
SOUTH DAKOTA With the following modifications:
 (State)

Date of first receipt of application JULY 7 19 72
 Date of return to applicant for correction, amendments or changes required — 19 —
 Date of receipt of corrected application — 19 —
 Approved SEPTEMBER 6 19 72 Recorded in Book 12 Page 150

WATER RIGHT PERMIT NO. 1948-3

The Water Resources Commission hereby grants and issues this Water Right Permit No. 1948-3 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 JULY 7 19 72
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before SEPTEMBER 6 19 73
3. The whole of said work is to be completed on or before SEPTEMBER 6 19 74
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is SEPTEMBER 6 19 76
5. The water appropriated shall be used for the purpose of WILDLIFE & RECREATION
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 7.2 ACRE FEET ANNUALLY neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for ~~the purpose of the appropriation~~ USED FOR WILDLIFE & RECREATION actually and beneficially ~~applied to the purpose of the appropriation~~ applied to the purpose of the appropriation on or before SEPTEMBER 6 19 76; said water to be used during the following described annual periods: CONTINUOUSLY

Witness my hand this 8TH day of SEPTEMBER 19 72

WATER RESOURCES COMMISSION

By J. H. Jensen 1972
 Chief Engineer, Executive Officer

Certificate of Construction Issued August 2 19 79
 Water License Issued August 2 19 79

WATER LICENSE NO. 1948-3

(1) WHEREAS, On the 7th day of July, A. D. 1972
Dick Fossum

made Water Right Application No. 1948-3 for a permit to use 7.2 acre feet annually ~~xxxxxxx~~ of the waters
of surface runoff

County of Lincoln, State of South Dakota, for wildlife and recreational
purposes; and

(2) WHEREAS, On the 6th day of September, A. D. 1972

Permit No. 1948-3, with a date of priority of July 7, 1972
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 6th day of September, A. D. 1974 and for the
application to beneficial use of said water on or before the 6th day of September, A. D. 1976

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 ~~xxxx~~ store 7.2 acre feet ~~xxxxxx~~
annually ~~xxxxxxx~~ 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:

water to be stored in place for wildlife and recreational purposes

(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, Dick Fossum

_____ of Canton, South Dakota

the holder _____ and owner _____ of said permit No. 1948-3 a water right, dating from July 7, 1972

_____ to use of 7.2 acre feet annually ~~xxxxxxxxxxxxxxxx~~ of the waters of surface runoff

in the County of Lincoln and State of South Dakota, or so much thereof as may be necessary for the purpose hereinafter mentioned, to be diverted ~~x~~ 2640 feet West and 920 feet South of the NE corner, Section 25, T97N, R50W

and ~~xxxxxxxxxxxx~~ water to be stored in place

for the purpose of wildlife and recreation

Subject to any limitations listed in Water Right Permit No. 1948-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 2nd day of August A. D.

Nineteen Hundred and Seventy-nine

Board of Water Management

By:

John Hatch
Chief Engineer

JOHN HATCH

Permit No. 1948-3Water Diversion No. 3 Big Sioux River Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Dick Fossum

the holder _____ of

Permit No. 1948-3, issued upon Application No. 1948-3, hearing date of priority ofJuly 7, 1972authorizing the diversion of 7.2 acre feet annuallysurface runoffCounty of Lincoln

State of South Dakota

2640 feet West and 920 feet South of the NE corner Section 25, T97N, R50Wfor wildlife and recreation

purpose, has 5 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 storing in 7.2 acre feet annually place of intended use water

Date August 2, 1979

John Hatch
JOHN HATCH, Chief Engineer
Water Rights, WHD

Form 6 - Notice of Intent to Appropriate Water

1948-3

Publish first publication, on or before August 24, 1972

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

July 16, 1972

Notice is hereby given that Dick Fossum

whose post office address is Canton, South Dakota, has made an application in accordance with the provisions of the water law of South Dakota for a permit to appropriate for beneficial use

7.2 acre feet annually of water per second of time from the local runoff through the

Fossum Wildlife Dam, the point of diversion of which is to be located in the

N 1/4 NE 1/4

of Section 25, Twp. 97N, Range 50W. Said water to be used for the purpose of providing irrigation on the following described land:

wildlife and recreation facilities.

This application No. 1948-3 will be considered by the Water Resources Commission at their office at Pierre upon the 6th day of September, 1972, at 2:00 P. M. All interested persons may appear and be heard.

WATER RESOURCES COMMISSION

By:

BURTON F. JONES, Water Rights Specialist

cc: Dick Fossum, Route 1, Canton, S.D. 57013

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

No. _____

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County _____) ss.

I, Marie Reitzel hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Sioux Valley 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 _____ Canton _____
County of Lincoln and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

August 24, 1972

August 31, 1972

Marie Reitzel
(Signature)

Bookkeeper
(Title)

September 1, 1972
(Date Signed)

NOTICE OF INTENT TO APPROPRIATE WATER
Notice is hereby given that Dick Fossum, whose post office address is Canon, South Dakota has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate (or beneficial use) 7.2 acre feet annually from local runoff through the Fossum Wildlife Dam; the point of diversion of which is to be located in the NW1/4 NE 1/4 of Section 25, Twp. 97N, Range 60W. Said water to be used for the purpose of providing wildlife and recreation facilities.
This application No. 1948-3 will be considered by the Water Resources Commission at their office at Pierre upon the 6th day of September, 1972, at 2:00 P.M. All interested persons may appear and be heard.
Water Resources Commission
Burton F. Jones, Water Rights Specialist.
8-24-72.

RECEIVED
SEP 8 1972

STATE WATER RESOURCES COMM.
PIERRE, SOUTH DAKOTA

RECEIPT

WATER RIGHTS COMMISSION
State of South Dakota

No 4 6977

PIERRE, August 1, 1979

RECEIVED OF Dick Fossum, Ropde #1, Canton SD 57013

the following amount in fees for services rendered as 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. 1948-3)	12	00
Fee for Inspecting Beneficial Use, and Issuing Water License No. 1948-3)		
Fee for Issuing Location Certificate-Dry Draw, No. _____		
Fee for filling _____		
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 BW

5-5-77

Red Sea

Halibut

18th Nov. 12 to 14

18th Nov. 12 to 14

18th Nov. 12 to 14

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

Permit No. 1948-3

Water Division 3 Big Sioux River Water District

REPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE

TO: Water Resources Commission, State Office Building No. 2, Pierre, South Dakota 57501

I have this day made a thorough examination of the water use system constructed by Dick Fossum
of Rt #1, Canton, S.Dak. holder _____
of Permit No. 1948-3, bearing date of priority of July 7, 1972
authorizing the diversion of 7.2 Acre Feet Annually
~~cu. ft. per second~~ of the waters of surface run-off
for Wildlife + Recreation purposes, in Lincoln 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:

Earth Dam, 16 ft High, 260 ft Long, 3:1 upstream Slopes,
2:1 Downstream Slopes, 18" dia. Cast Riser, 12" dia. Barrel,
6" dia. Drawdown Tube.

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

C. Works used to apply water to beneficial use.

Pond Surface Area. 1.95 Acres
Permanent Pool Storage. 7.2 Acre Ft.

The system is in the following condition: Good

The point of diversion is located 2640 ft West and 920 ft South of the
N/E Corner of section 25, T97N R50 W.

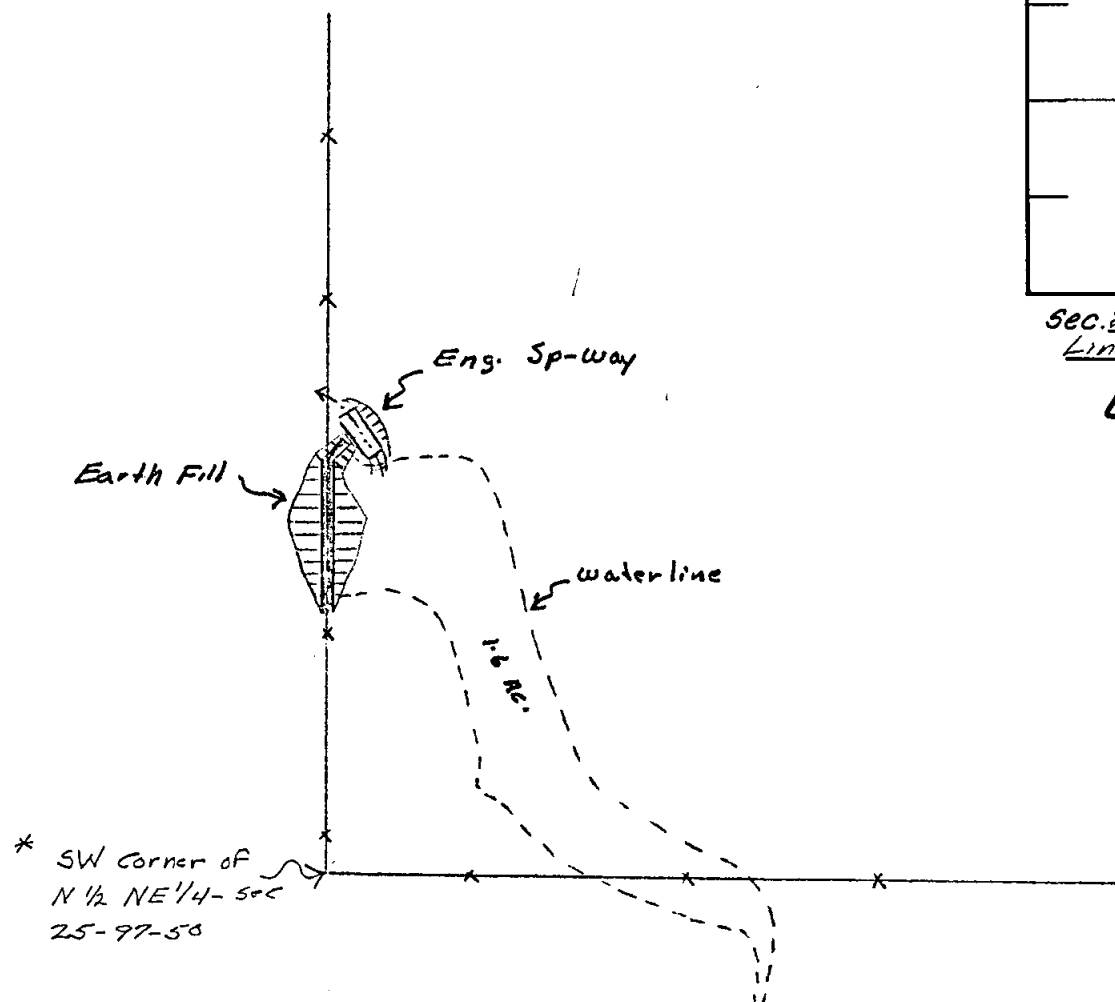
The works are capable of diverting and conveying to the place of use _____

cu. ft. per second of water which is to be used for Wildlife and Recreation.

Water has been put to beneficial use to the maximum extent as follows: _____

comprising a total of _____ acres of land.

Date June 28, 1977
LeRoy J. Minnaukh
(Signature)

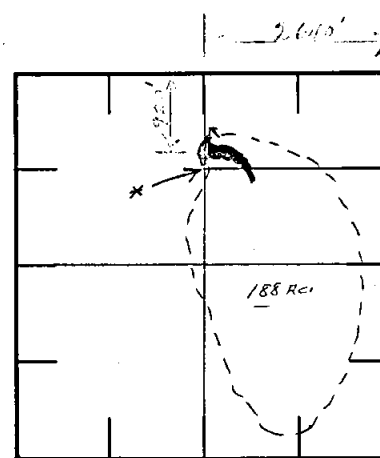


Earth Fill Dam for Wildlife Watering Facility

SKETCH PLAN OF DAM AND RESERVOIR AREA

Approximate scale 1" = 200 Ft

REFERENCE: GUIDE PLAN NO. 1.0

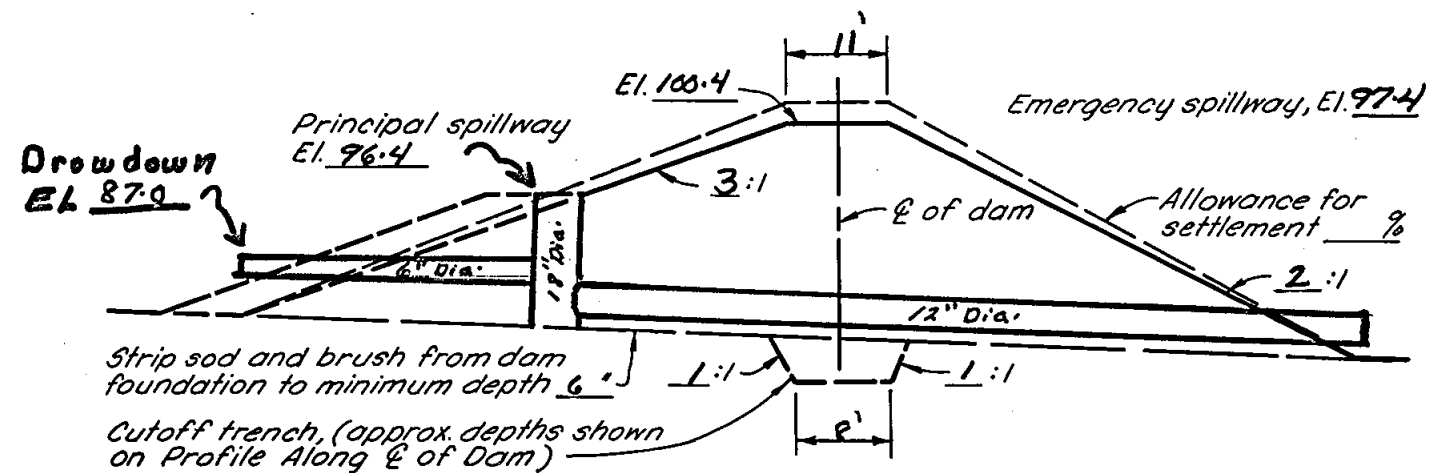


Sec. 25 T. 97 R. 50
Lincoln County

LOCATION

TABLE OF QUANTITIES

ITEM	UNIT	QUANTITY
Embankment	C. Y	2841
Core Trench	C. Y	200
12" Dia CMP 16 Gage	Ft	62
18" Dia CMP 16 Gage	Ft	12
Diaphragm 60" by 60"	NO	1
Water tight CMP Bands - 12" Dia	NO	3
" " " 6" Dia	NO	1
Tee Fabrication 12" Dia	NO	1
" " " 6" Dia	NO	1
Riser Base	NO	1
Anti Swirl wall	NO	1
Control on 6" Drawdown (comp)	NO	1
6" Dia CMP 16 Gage	Ft	24
Total Cost Est		\$1470.00



TYPICAL CROSS SECTION OF DAM

EARTH DAM

APPLICABLE STANDARD SCS SPECIFICATIONS:

- SD-4 Stripping
- SD-5 Excavation
- SD-75 Earth Fill
- SD-15 CMP Conduit
- SD-28 Seeding
- SD-50 Zinc Coated Pipe

OPERATOR: Dick Fossum

CONSERVATION DISTRICT: Lincoln Co.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed: JBM Date: 6-72 Approved by: _____
 Drawn: _____ Title: _____
 Traced: _____ Sheet: _____ Drawing No. _____
 Checked: _____ No. _____ of _____

JOB PLAN NO. 1.0

MAP N° 1380-3 (APR N° 1948-3) 5, N-29, 073.1a(1)

see SCS 313 B for X Sections & Profiles

CROSS SECTION AT CREST OF EMERGENCY SPILLWAY AND PROFILE ALONG C OF DAM

DESIGN DATA

DRAINAGE AREA	188	AC.
PEAK RUNOFF 25 YR. FREQUENCY	176	C.F.S.
PERMANENT POOL STORAGE	7.2	AC.FT. ✓
PERMANENT POOL TOTAL DEPTH	11.0	FT.
PERMANENT POOL SURFACE AREA	1.6	AC.
SEDIMENT STORAGE IN PERMANENT POOL	2.0	AC.FT. ✓
EMERGENCY SPILLWAY CAPACITY	180	C.F.S.
ANNUAL YIELD	16.2	AC.FT.

Over all Height of Fill 16 FT

Length of Fill 260 FT

Base width of May Fill 85 FT

Storage from Principal Sp-way
To Emg. Sp-way 1.95 AC FT ✓

MAXIMUM CROSS SECTION OF DAM

PROFILE ALONG C OF EMERGENCY SPILLWAY

5.N-29,073.10(2)