

1643-3

1. Considered 7-17, 1963
2. Name of Applicant S. D. DEPT OF GAME FISH & PARKS
3. Post Office Address PIERRE
4. Amount of water claimed 2.11 cusec 1-0-1
5. Source of water supply REDSTONE CREEK
6. Water to be used for IRRIGATING NEW ARTIFICIAL LAKE
Acres to be irrigated _____
7. Water to be diverted and used in MINISTRE County about
1/4 miles N of CARTHAGE
8. Proof of Publication Received FIRST ONLY
Not Received _____
9. Application Approved FIRST ONLY
Subject to _____
Not Approved _____
Action deferred _____

10. Remarks:

6000

No. 1043-3Water Division No. 3 JAMES RIVER District
(Blanks to be filled by the Engineer for the W. R. C.)

RECEIVED
MAY - 9 1963
11:30 AM
STATE WATER RESOURCES
PIERRE, SOUTH DAKOTA

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

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

1. Name of applicant State of South Dakota - Department of Game, Fish and Parks
Postoffice address Pierre, County Hughes, State S. Dak.

- 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) _____
(b) Cash on hand, \$ _____ (c) Treasury stock, \$ _____
(d) Bonds to be issued, \$ _____ (e) Other resources, \$ _____

2. Name of diversion work CARTIAGE LAKE DAM - Miner County
3. Amount of water claimed As required to fill lake to outlet level - approximately
2116 acre feet cubic feet per second
4. Source of water supply Redstone Creek
5. Location of point of diversion NE 1/4 of Section 7 and an adjacent NW 1/4 of Section 8,
Township 108 N., Range 57 West. on _____ bank _____ County.
6. Annual period or periods during which water is to be used All year
7. To be used for:

- I. Irrigation or domestic use: Gravity, overhead sprinkling or combination system? _____
(a) Number of acres to be irrigated _____ acres.

(b) Legal subdivisions to be irrigated _____
(NOTE—A list of lands to be irrigated, giving each subdivision and fraction with acreage thereof, should be written here, or may be appended as a part of this application. Same must also be shown on accompanying map.)

- (c) Statement as to domestic use (giving location, etc.) Public use - fishing and hunting on
inundated portion of sections 4, 5, 7 and 8 of T. 108 N. R. 57 W.

- II. Stockwatering, mining, milling, power, fish culture, fire protection and public recreation:

- (a) Nature of use Public Recreation
Name any of the above uses claimed _____

- (b) Amount of power to be generated _____ horse power.
Amount claimed for engine cooling _____

- (c) Location of plant _____

- (d) Method of developing power _____

- (e) Point where water will be returned to stream _____

MAP NO 6B3-3

8. Estimated cost of work:

(a) Head Gates, \$-----

(c) Fluming, \$-----

(e) Other structures -----

(b) Pumping plant, \$-----

Rock, \$-----

Total, \$-----

(d) Canal-earth, \$-----

9. Description of diversion works:

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

Dam

II. Dimensions of works.

(a) Dam: Height 23 feet; length at bottom 1000 feet; length at top 1200 feet; thickness at bottom 210 feet; thickness at top 16 feet; slope at front water face 4:1; slope at back face 2 1/2:1

material used in construction earth

(b) Reservoir: Capacity when filled 2,116 acre feet. Surface area at highwater mark 220 acres.

DEPTH AT OUTLET-Feet	SURFACE AREA AT EACH DEPTH AT OUTLET--ACRES	ACRE-Feet CAPACITY
<u>23</u>	<u>224</u>	<u>2116</u>
<u>21</u>	<u>185</u>	
<u>16</u>	<u>125</u>	
<u>11</u>	<u>40</u>	
<u>6</u>	<u>15</u>	
<u>1</u>	<u>1.4</u>	

Emergency spillway level 115 at this elevation about 350 acres will be inundated

(c) Head gate: Width ----- feet; height ----- feet;

Material -----

(d) Canal: Total length ----- miles.

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

(Give dimensions where reductions in size are made.)

10. Time required for completion of work 2 years.

11. Time required for complete application of water to the proposed beneficial use 2 years.

12. Choice of newspaper for publication of notice of intention to appropriate -----

STATE OF SOUTH DAKOTA

County of Hughes

US.

I, Walter J. Fillmore, 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

Walter J. Fillmore

Subscribed and sworn to before me this 1st

day of April

1963

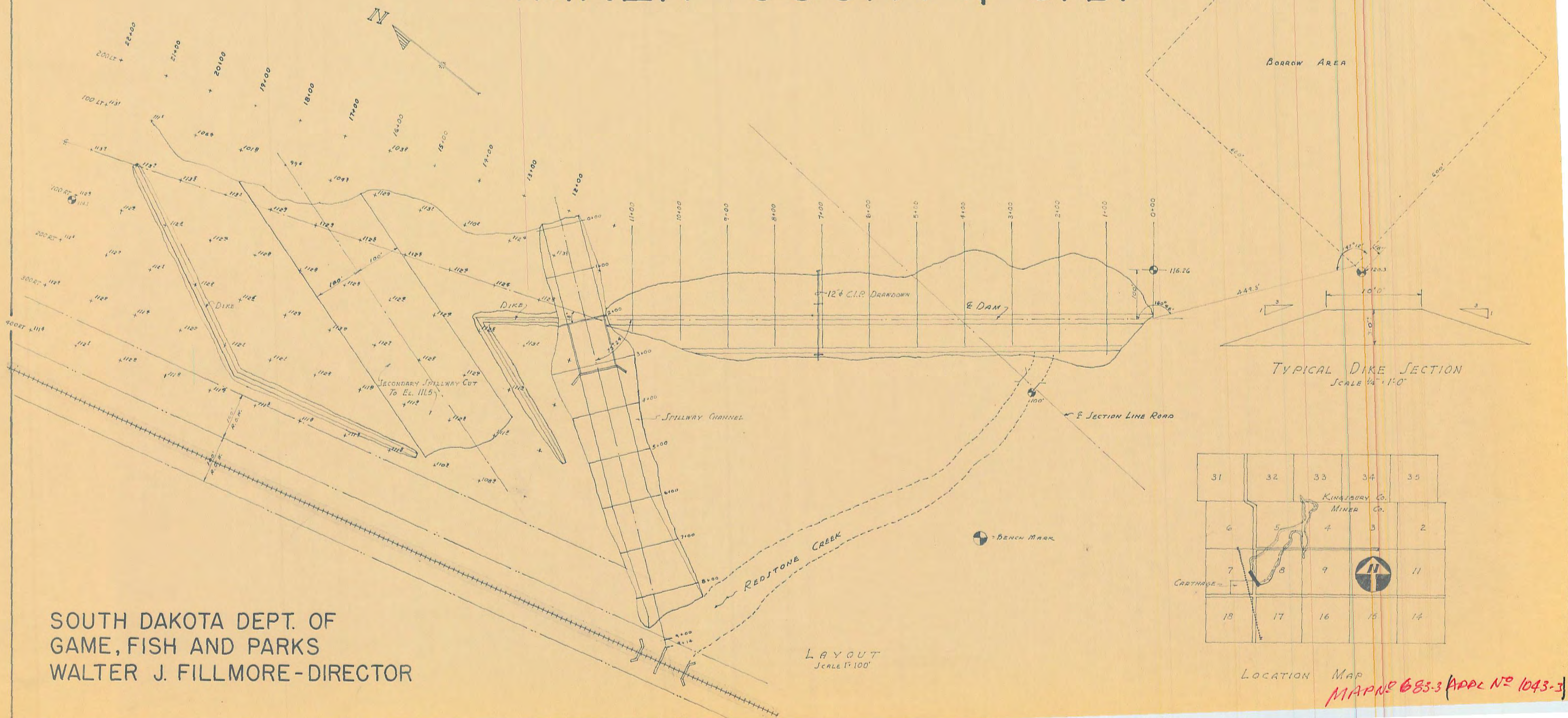
Alvin H. Hume
Notary Public (or other qualified officer.)

*Each diversion must have a headgate or measuring device.

CARTHAGE LAKE

DAM AND SPILLWAY CONSTRUCTION

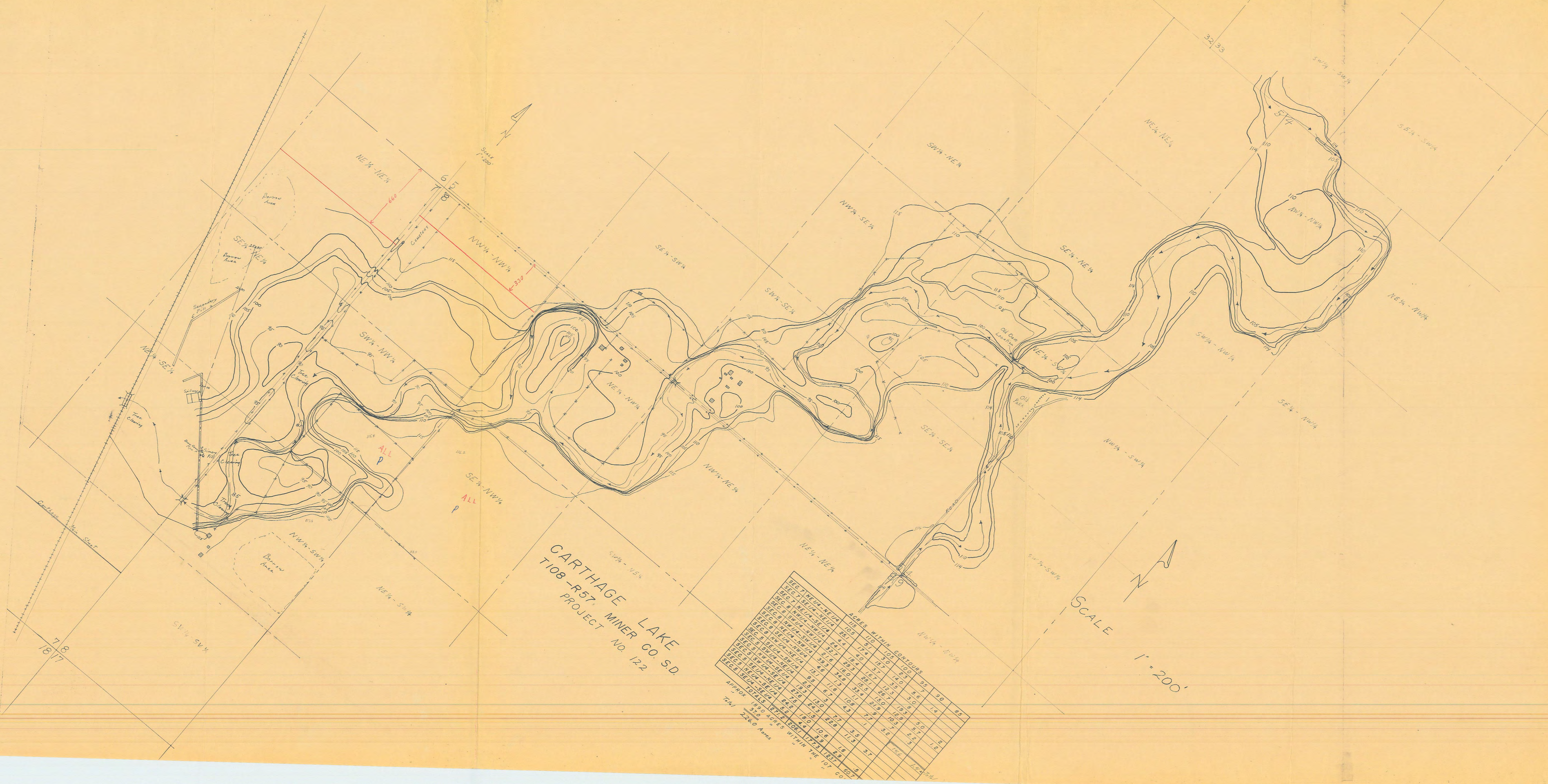
MINER COUNTY, S.D.



SOUTH DAKOTA DEPT. OF
GAME, FISH AND PARKS
WALTER J. FILLMORE - DIRECTOR

LAYOUT
Scale 1" = 100'

LOCATION MAP
MAP NO 683-3 (ADDL NO 1043-3)



Remarks by State Water Resources Commission:

WATER RIGHT APPLICATION NO 1043-3 IS HEREBY APPROVED, AUTHORIZING THE CONSTRUCTION OF CARTHAGE LAKE DAM, AND AUTHORIZES THE USE OF 2116 ACRE FEET OF WATER TO FILL THE DAM, AND UP TO 660 ACRE FEET OF WATER ANNUALLY THEREAFTER FOR EVAPORATION AND OTHER LOSSES AND WITHDRAWALS CONTINGENT UPON THE FOLLOWING: (1) FLOOD FLOWS ONLY SHALL BE USED TO FILL THE DAM;

(2) CONSTRUCTION PLANS SHALL BE FILED WITH THE WATER RESOURCES COMMISSION, AND (3) THE DAM SHALL CONTAIN A VALVED DRAWDOWN TUBE, MINIMUM DIAMETER 6", SO THAT WATER EQUAL IN AMOUNTS TO THE LOW INFLOWS CAN BE RELEASED AS NEEDED FOR DOWNSTREAM DOMESTIC USE.

STATE OF SOUTH DAKOTA

County of

HUGHES

Pierre, South Dakota,

JULY 31,

1963

This is to certify that the foregoing application was received by the Commission at 11:30 o'clock A.M. upon the 8TH day of MAY, 1963.

State Water Resources Commission

By:

Chief Engineer, Executive Officer

Number of permit 1043-3

Date of first receipt of application

MAY 8

1963

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

1963

Date of receipt of corrected application

1963

Date from which applicant may claim right

MAY 8

1963

Approved

JULY 17

1963

Recorded in Book

8

Page

109

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

JULY 17, 1964

2nd. The whole of said work is to be completed on or before

JULY 17

1965

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

JULY 17

1965

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

PUBLIC RECREATION

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 2116 ACRE FEET INITIALLY, AND 660 ACRE FEET ANNUALLY THEREAFTER. Further 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

USED FOR PUBLIC RECREATION

and beneficially applied for irrigation on or before

JULY 17, 1965

during the following described annual period:

CONTINUOUSLY

Witness my hand this

31ST

day of

JULY

1963

State Water Resources Commission

By:

Chief Engineer, Executive Officer

Certificate of Construction issued

FEBRUARY 3, 1966

Water License issued

FEBRUARY 3, 1966

STATE OF SOUTH DAKOTA

WATER LICENSE No. 1043-3

WHEREAS, On the 8th day of May A. D. 1963
the Department of Game, Fish and Parks

of Pierre County of Hughes and State of
South Dakota annually duly made application (No. 1043-3) to us for a permit to use 660 acre feet
of the waters of Redstone Creek
County of Minner, State of South Dakota, for public recreation
purposes; and

WHEREAS, On the 31st day of July A. D. 1963
Permit No. 1043-3 was issued to said applicant for the diversion of said water, and providing for the
completion of the works of diversion therein described on or before the 17th day of
July A. D. 1963 and for the application to beneficial use of said
water on or before the 17th day of July A. D. 1963
and,

WHEREAS, On the 10th day of January A. D. 1966
the holder of said permit duly made proof of the completion of adequate works for the storage of 660 acre
feet annually of said waters, as evidenced by our Certificate No. 1043-3
dated February 3, 1966 confirming the completion of works of sufficient capacity for
diverting and conveying to the place of intended use 660 acre feet annually of water, with date of
priority of May 8, 1963 and,

WHEREAS, On the 10th day of January A. D. 1966
proof was duly made of the application to beneficial use of 660 acre feet annually
to be used for public recreation purposes

of Pierre

a water right, dating from May 8, 1963

annually

In the County of Miner

and ~~XXXXXXXXXXXXXXXXXXXX~~

for the purpose of public recreation

subject, however, to the laws of the State of South Dakota applicable to a license for the use of the waters of the State, and subject, also to the local or community customs, rules and regulations which have been or may be adopted from time to time by a majority of the users from a common source of supply, canal or lateral from which such water may be taken, when such rules and regulations have for their object the economical use of such water.

this 3rd day of February

By:

J. W. GRIMES

ier License No.

County

5. 2. 2.

WUSA.

Priority

Page ----- of -----

Permit No. 1043-3

Water Division No. 2 Jamou River Water District

Certificate of Completion of Works

TO ALL WHOM IT MAY CONCERN:

This is to Certify, That the Department of Game, Fish and Parks

of Pierr
County of Hughes, and State of South Dakota

No. 1043-3, bearing date of priority of May 8, 1963, the holder of Permit No. 1043-3, issued upon Application storage

660 acre feet annually _____, authorizing the _____ of _____ of the waters of Redstone Creek

County of Miner _____, State of South Dakota, at a point in the
NE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 7, T103N, R57W _____

for recreation

purposes, has fully 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 the above recited order.

completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory condition for ~~storing for~~ **storing for** ~~storing and conveying to the point of~~ **intended use** 660 acre feet annually

to-wit: _____
_____ to be used in place for public recreation purposes.

Witness my hand this 3rd day of February A. D. 1966

State Water Resources Commission

By: **J. W. GRIMES**
Chief Engineer, Executive Officer

on or before June 20
(First Publication , 1963)

APPROPRIATION OF WATER

Office of State Water Resources Commission,

Pierre, S. Dak., June 10, 1963

Notice is hereby given that the South Dakota Department of Game, Fish & Parks whose postoffice address is Pierre 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 2115 acre feet annually ~~which first of water was record~~ of time from the Redstone Creek ~~starting at the~~ for storage in Carthage Lake, the point of diversion of which is to be located on ~~both~~ banks of said stream in the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 7 Twp. 106N Range 57W. Said water to be used for the purpose of ~~providing irrigation water for the~~ ~~for the use of the~~ storage in Carthage Lake for public recreation purposes.

~~THIS APPLICATION~~ ~~WILL BE TAKEN UP BY THE STATE WATER RESOURCES COMMISSION AT THEIR OFFICE AT PIERRE FOR CONSIDERATION UPON THE 17th DAY OF JULY, 1963, 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:
BURTON F. JONES
Water Right Specialist

CC: Mr. C. N. Munger, Publisher
Carthage News
Carthage, South Dakota

1043-3

Affidavit of Publication

STATE OF SOUTH DAKOTA,

County of Roberts

ss.

Jack Adams of said county, being first duly sworn, on oath says, that he is editor of THE SISSETON COURIER, a weekly newspaper printed and published in Sisseton, in said county of Roberts, and has full and personal knowledge of all the facts herein stated; that said newspaper is a legal newspaper and has a bonafide circulation of at least two hundred copies weekly, and has been published within said county for 52 successive weeks next prior to the publication of the notice herein mentioned, and was and is printed wholly or in part in an office maintained at

said place of publication; that the Notice of

Appropriation of Water, a printed copy of which, taken from the paper in which the same was published, is attached to this sheet, and is made a part of this affidavit, was published in said newspaper at least once in each week for 4 successive weeks, on the day of each week on which said newspaper was regularly published,

to-wit:

June 13, 1963; 19.....;
June 20, 1963; 19.....;
June 27, 1963; 19.....;
July 4, 1963; 19.....;
..... 19.....; 19.....;

that the full amount of the fee is charged for publication of said Notice insures to the benefit of the publisher of said newspaper; that no agreement or understanding for the division thereof has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever and that the fees charged for the publication thereof are \$ 15.00

Grace M. Adams
Subscribed and sworn to before me this 4 day of July, A. D. 1963
Grace M. Adams
Notary Public, Roberts County, South Dakota

My commission expires May 2, 1969

APPROPRIATION OF WATER
Office of State Water Resources Commission, Pierre, S. D., June 10, 1963
Notice is hereby given that the South Dakota Department of Game, Fish and Parks, whose postoffice address is Pierre, 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 2500 acre feet annually of time from Cottonwood Creek for storage in Cottonwood Lake, the point of diversion of which is to be located on both banks of said stream in Lot 5, Section 32, Township 128N, Range 40W. Said water to be used for the purpose of providing additional storage in Cottonwood Lake to be used for public recreation.
This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the 17th day of July, 1963, 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: Burton F. Jones, Water Right Specialist.
(June 13-July 4-1w)

RECEIVED
JUL 12 1963

STATE WATER RESOURCES COMM.
PIERRE, SOUTH DAKOTA

Permit No. 1043-3Water Division No. 3JamesRiver

Water District

Certificate of Examination of Works**Report of Examining Engineer**

To the State Water Resources Commission, Pierre, South Dakota:

Dear Sirs: I hereby certify that in accordance with your letter of authorization dated 1-1-43I have ~~this day~~ made a thorough examination of the diversion works constructed by South DakotaDepartment of Game, Fish & Parks, of PierreHughes County, South Dakota, holder of Permit No. 1043-3, issuedupon Application No. 1043-3 bearing date of priority of May 8, 1943, authorizing thediversion of 2116 Acres from 7 miles, 666 annually of the waters of Redstone Creek for Public Recreation

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

The diversion works comprise: Concrete spillway, Earth Dam, Rock Riprap,Earth scrubber, spillway w/ 16" ductile steel culvert or drainage systemand the system is in the following condition: ExcellentThe point of diversion is located in NE 1/4 Sec 4 section 7, T 108 N, R 57 WThe works are capable of diverting and conveying to the place of use 2116 acres from 7 of water, which is to be used for Public irrigation

The legal sub-divisions to be irrigated are:

comprising a total of _____ acres of land.

The domestic use intended comprises

Incidental stock watering

The utilization for power, mining, or other beneficial uses comprises:

Witness my hand, this 10 day of January, A. D. 1944.

—SEAL—

Donald Driscoll

Examining Engineer.

Deputy Chief Engineer

State Water Resources Commission