

No. 2,2-3

Office of State Engineer
DOCUMENT FILE

City of Redfield
Spartan Co.
Battle Creek
Redfield Fire House
Recorded - Bk 2, Page 472-474

NO. 22-3Water Division No. _____ District. _____
(Blanks to be filled by the State Engineer.)

APPLICATION FOR A PERMIT **To Appropriately Water Within the State of South Dakota**

RECEIVED
MAR 6 1916
1:00 P.M.
OFFICE OF STATE ENGINEER
PIERRE, S. DAK.

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

1. Name of applicant City of Redfield
Postoffice address Redfield, County Spink, State So. 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 the 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 works Redfield Fire Dam
Limited in amount claimed in Permit No. 21-3
3. Quantity of water claimed _____ cubic feet per second.
4. Source of water supply Turtle Creek
5. Location of point of diversion 440 feet South 40 degrees west of N.E. corner of
Section 9 Township 116 Range 64 on Right bank.
(Right or left bank looking down stream.)
6. Annual periods during which water is to be used January 1st to December 31st
7. To be used for: Fire protection for the City of Redfield

I. Irrigation or domestic use:

- (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.) _____

II. Mining, power, manufacturing, transportation, or other purposes:

- (a) Nature of use _____
- (b) Amount of power to be generated _____ horse power.
- (c) Location of plant _____
- (d) Method of developing power _____
- (e) Point where water will be returned to stream _____

8. Estimated cost of works:
- (a) Head gates, \$..... (b) Pumping plant, \$.....
- (c) Fluming, \$..... (d) Canal-earth, \$..... Rock, \$.....
- (e) Other structures..... \$..... Total, \$.....

9. Description of diversion works:
- I. Nature of works: (Reservoir, dam, ditch, flume, pumping plant, etc.)
- Reservoir and overflow dam - 2 Pumps @ 7.0 G.P.M. + 1.00 G.P.M.
See plans
- II. Dimensions of works:
- (a) Dam: Height 7 feet; length at bottom 155 feet; length at top 155 feet; thickness at bottom 45 feet; thickness at top 10 feet; slope of front (water) face 3 to 1; slope of back face 2 to 1; material used in construction Earth, Stone & Concrete
- (b) Reservoir; Capacity when filled 17.6 acre feet. Surface area at highwater mark 3.2 acres.

DEPTH AT OUTLET—FEET	SURFACE AREA AT EACH DEPTH AT OUTLET—ACRES	CAPACITY ACRE FEET

- (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

(Give dimensions where reductions in size are made.)

10. Time required for completion of work..... 5 years.
11. Time required for complete application of water to the proposed beneficial use..... 9 years.
12. Choice of newspaper for publication of notice of intention to appropriate.....
Redfield Press

STATE OF SOUTH DAKOTA,

County of Hughes } ss.

F. W. Murmon

I,, being first duly sworn on my oath depose and say: That my relation to the above described undertaking is that of

City Auditor

(Owner, manager, engineer.), that I have read the above and foregoing statement, and 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 F. W. Murmon

Subscribed and sworn to before me this 6th day of March, 1940

M. B. Savage

Notary Public (or other qualified officer.)

Remarks by State Engineer:

STATE OF SOUTH DAKOTA,

County of Hughes

ss.

Pierre, South Dakota, April 26, 1940.

This is to certify that the foregoing application was received at this office at 1:00 o'clock P.m. upon the 6th day of March 1940 and that after examination it was found to conform to the Water Laws of South Dakota and a "Notice of Intention" was advertised as required by law and the matter was taken up by the State Engineer at his office at Pierre on April 19, 1940 and no objections to the appropriation were received or made.

Dean W. Loucks, State Engineer.

Number of permit 23-3

Date of first receipt of application 1:00 P.M., March 6, 1940

Date of return to applicant for correction 19

Date of receipt of corrected application 19

Date from which applicant may claim right 1:00 P.M., March 6, 1940

Approved April 26, 1940, Recorded in Book 2 Page 472-473

This is to certify that I have examined the foregoing application for a permit to appropriate water of the state of South Dakota, and I 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 October 26, 1942.

2nd. The whole of said work is to be completed on or before April 26, 1945.

3rd. The limit of time for proof of beneficial use of water appropriated in accordance herewith is April 26, 1949.

4th. The water appropriated shall be used for the purpose of fire protection for the City of Redfield.

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 ^{limited to amount} 21-3 cubic feet of water per second of time; 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 farther, 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 April 26, 1949; said water to be used during the following described annual periods:

January 1st to December 31st.

Witness my hand this 26th day of April 1940.

Water License
Issued 2-4-49

Dean W. Loucks, State Engineer.

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 22-1

WHEREAS, On the 6th day of March A. D. 1949

the CITY OF REDFIELD
of Redfield County of Spink and State of
South Dakota duly made application (No. 22-3) to me for a permit to use storage water
of the waters of Turtle River
County of Spink State of South Dakota, for Municipal-fire protection
purposes; and

WHEREAS, On the 26th day of April A. D. 1949
Permit No. 22-3 was issued to said applicant for the diversion of said water, and providing for the com-
pletion of the works of diversion therein described on or before the 26th day of
April A. D. 1945 and for the application to beneficial use of said
water on or before the 26th day of April A. D. 1949
and,

WHEREAS, On the 1st day of February A. D. 1949
the holder of said permit duly made proof of the completion of adequate works for the diversion of water for
fire protection as evidenced by my Certificate No. 2
dated February 4, 1949 confirming the completion of works of sufficient capacity for
diverting and conveying to the place of intended use water for fire protection
with date of priority of March 6, 1949 and,

WHEREAS, On the 1st day of February A. D. 1949
proof was duly made of the application to beneficial use of water for fire protection
said water:

NOW, THEREFORE, By virtue of the authority vested in me by the laws of the State of South Dakota, I hereby grant and confirm to the CITY OF REDFIELD of Redfield the holder and owner of said permit No. 22-3 a water right, dating from March 6, 1940 to the use of water for fire protection ~~of the waters of~~ Turtle River in the County of Spink and State of South Dakota, or so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at a point 440 feet S. 400 W. of the N.E. Corner of Sec. 9 Twp. 116 N., R. 64 W. and conducted to ~~the place of use.~~

for the purpose of Municipal-Fire Protection

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.

WITNESS, My hand and the seal of my office at Pierre, South Dakota, this 4th day of February A. D. Nineteen Hundred and Forty-nine

DEAN W. LOUCKS, State Engineer.

STATE OF SOUTH DAKOTA

Water License No. 22-3

To the CITY OF REDFIELD

Source of Supply Turtle River

County Spink

And for Fire Protection ~~of the waters of~~

Point of Diversion 440' S 400' W of

N.E. Cor. Sec. 9-116-64

Place of Use Redfield

Purpose Municipal

Fire Protection

Date of Priority March 6, 1940

Recorded April 26, 1940

in Book 2 of Water Rights 476-74 Page

Permit No. 22-3

Water Division No. 3 James River Water District

Certificate of Construction of Works.

No. 2

TO ALL WHOM IT MAY CONCERN:

This is to Certify, That the CITY OF REDFIELD

of Redfield County of Spink and State of South Dakota the holder of Permit No. 22-3 issued upon Application No. 22-3 bearing date of priority of March 6, 1940 authorizing the diversion of water from storage of the waters of Turtle River under Permit No. 21-3 County of Spink State of South Dakota, at a point 440 feet S. 40° W. of the N.E. Cor. of Sec. 9, Twp. 116N, Range 67.

for Municipal-fire protection 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 said Permit; that said works are adequate for diverting and conveying to the place of intended use fire protection for the City of Redfield

for the City of Redfield

Witness my hand this 4th day of February A. D. 1949

DEAN W. LUCKS, State Engineer of South Dakota.

Location No.

Water Division No. 22

3

Water District.

Proof of Application of Water to Beneficial Use

Petition of Holder

Ques. 1. State your name, residence, occupation and postoffice address.

Ans. C.G. Hopkins, Mayor, Redfield, South Dakota

Ques. 2. If acting in behalf of a corporation, state its name, principal place of business (if a foreign corporation, give name and postoffice of statutory agent,) your position with reference to same, and your authority for appearing in its behalf.

Ans. City of Redfield, Redfield, S.D.

Ques. 3. State date of posting and date of recording notice of appropriation.

Ans. March 6, 1940 - April 26, 1940

Ques. 4. State source of water supply and give exact location of point of diversion.

Ans. Turtle Creek. 440 feet South 40° 00' west of the Northeast corner of Section 9-116-64

Ques. 5. Describe your works of diversion giving length and height of each dam and state amount of water they are capable of conveying from point of diversion to place of use, and give name of canal or ditch or other works by which water is conducted to such place of use, and date of completion of same.

Ans. Concrete overflow fire dam, 150' x 10' high completed about 1920. Intake 30" diameter from Turtle Creek to Pump house.

Ques. 6. State for what purpose water is used and describe place of use. (If for irrigation, name each subdivision in which used, and number of acres in each subdivision that have ACTUALLY been irrigated with said water.)

Ans. Water is used for fire protection in the City of Redfield

Ques. 7. If other than irrigation purpose, state how applied, amount of horse power generated, etc.

Ans.

Ques. 8. What is the minimum amount of water required for the use specified above?

Ans. Limited to amount under 21-3

Ques. 9. If you are not the person or representative of the corporation to whom above mentioned permit was originally issued, please state how ownership was acquired by present holder.

Ans.

Ques. 10. State when, how, in what amount and to what extent the water diverted under above mentioned permit has been used

Ans. Water is used whenever a fire in the City occurs.

(Sign) *E. V. Hopkins*

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe the person he represents himself to be, and that said testimony was subscribed and sworn to at office in Redfield, County of Spink, at this 1st day of February, A. D. 1949, State of S.D.

Witnesses. *Emeline*
City Auditor

I, the undersigned, do hereby certify that I am a duly qualified elector residing in the immediate vicinity of the diversion works designated in the foregoing testimony, that I have no interest in the works, water or land above described, that I have read the foregoing testimony and that I know of my own personal knowledge that the matters therein stated are true.

Location No.	
Proof of Application of Water to Beneficial Use	
PETITION OF HOLDER	
Amount of water second feet	
Source	
County	
Purpose	
Place of use	
Date of recording	
Received and filed	

Permit No. 22-3.

Water Division No. Water District

Certificate of Examination of Works

Report of Examining Engineer

To the State Engineer, Pierre, South Dakota:

Dear Sir: I hereby certify that in accordance with your letter of authorization dated Dec. 3 19 48, I have this day made a thorough examination of the diversion works constructed by City of Redfield Spink County, South Dakota, holder of permit No. 22-3, issued upon application No. bearing date of priority of March 6, 19 40, authorizing the diversion of second feet of the waters of Turtle Creek for fire protection purposes. I have to report on the condition of the same as follows:

The diversion works comprise 30" intake to pump house 360 feet long, with one 750 G.P.M. 5 stage cent. pump and one 1000 G.P.M. single stage cent pump, connected to city fire main,

and the system is in the following condition: very good

The point of diversion is located 440 feet South 40 degrees west from the N.E. corner of Section 9-116-64

The works are capable of diverting and conveying to the place of use second-feet of water, which is to be used for fire protection for City of Redfield

The legal sub-divisions to be irrigated are:

comprising a total of acres of land.

The domestic use intended comprises

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

Witness my hand, this 12th day of February, 1949

Examining Engineer.

Plat Showing
FIRE PROTECTION RESERVOIR
 at
REDFIELD, S. D.

Feb. 1940

Scale 1"=100'

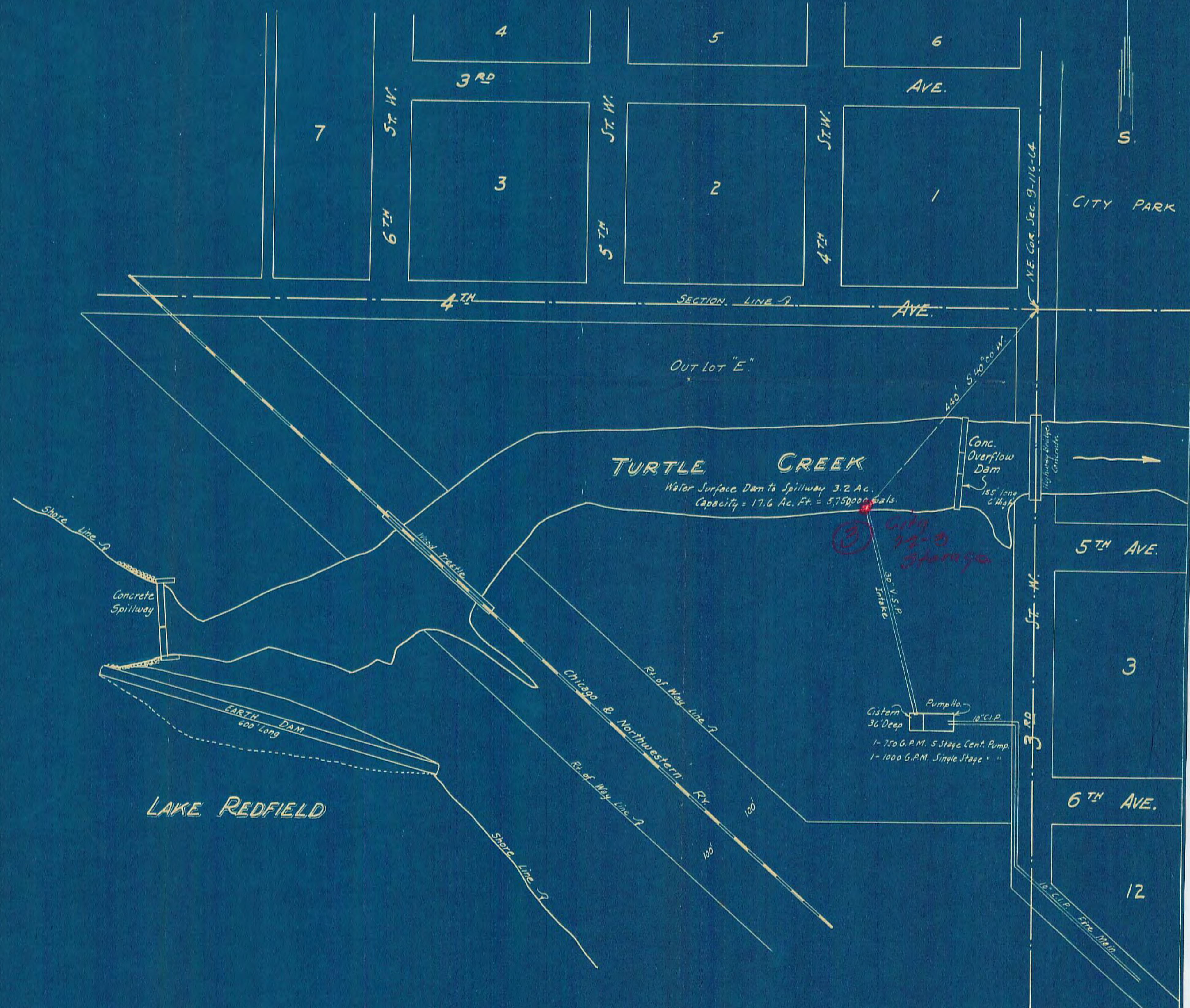
Arthur S. Mannes, C.E.
 Aberdeen, S. D.



I, Arthur S. Mannes, Professional Engineer and Land Surveyor, do hereby certify that at the request of the City of Redfield, South Dakota, I have surveyed Turtle Creek in the N.E. 1/4 of Section 9, Township 116 Range 64, Spink County, S.D. as shown upon this plat. I have computed the area and capacity of that portion of Turtle Creek used as a reservoir for fire protection for the City of Redfield, said reservoir being located between the spillway of Lake Redfield and the concrete overflow dam located on said Turtle Creek at a point 125 feet upstream or west of the east section line of said Section 9. I have shown the point of diversion as S 40° 00' W 440 feet from the Northeast corner of said Section 9. The capacity of said reservoir is 17.6 Acre feet and water surface area is 3.2 Acres.

Signed this 5th day of March 1940

Arthur S. Mannes
 Reg. Prof. Engr & Surveyor



WR # 22-3 Map # 17-3
 (WR 22-3)