

No.

61-178-2

Office of State Engineer
DOCUMENT FILE

Dept. of Geol. & Forest Service
Bureau

Priority: July 10, 1939

See 1, T. W. R. 1/E

1.66 a/c ft.

Form 24A

CERTIFICATE OF CONSTRUCTION OF WORKS
and
APPROPRIATION

U. S. Water Right No. 178-3

V-A Reservoir
Name of Project

Full River Water District

TO ALL WHOM IT MAY CONCERN:

This is to Certify, that the United States of America, Department of Agriculture, Forest Service, has complied with the State Laws and has been issued a withdrawal No. US bearing date of July 10, 1936 withdrawing from further appropriation 1.66 acre-feet per annum of water for storage of the waters of Tepes Canyon Stream, County of Custer, State of South Dakota, at a point N. 69 25' E., 9.592 feet distant from the SW Cor. Sec. 1, T.4S., R.1E. for livestock, fish culture, domestic, fire protection, recreation purposes; has fully complied with the provisions of the laws of the State of South Dakota relating to completion of the works set out and described in Section 61.0137, that said works are completed in accordance with information filed in the Office of the State Engineer, and 1.66 acre-feet per year is thereby appropriated for the above purposes bearing date of priority of July 10, 1936.

Witness my hand this 9th day of January 19340

State Engineer.

Form 23A

WITHDRAWAL NO. US178
 RECEIVED
 DEC 23 1939
 RECEIVED
Water Division No. 2

Fall River Water District

CERTIFICATE OF EXAMINATION OF WORKS

Report of Examining Engineer

 RECEIVED
 1940
Date December 5, 1939.By Walter Walkling
 OFFICE OF STATE ENGINEER
 V-A Reservoir
 Project Name and Number
Tepes Canyon
 Source of Appropriation
 (Stream)

To the State Engineer, Pierre, South Dakota:

Dear Sir: I hereby certify that, in accordance with your letter of authorization dated August 11 1939, I have made a thorough examination of V-A reservoir, ditch, or pipe line constructed by the United States of America, Department of Agriculture, Forest Service, Region 2, Denver, Colorado, holder of withdrawal No. US 178 issued upon Notice of Intention bearing date July 7 1939, authorizing the withdrawal from further appropriation of 1.66 acre feet, or second feet of the waters of Tepes Canyon, tributary of Paps Creek for livestock, fish culture, domestic, fire protection, irrigation, recreation purposes. I have to report on the condition of the same as follows:

The impounded and diversion works comprise:

Dam: Type Earth fill Foundation earth
 Size: Max. Length 100 ft. Maximum height to spillway flow line 5.6 ft. Freeboard 1.8 ft.
 Section: Upstream slope 3:1
 Downstream slope 3:1
 Top width 6 ft.
 Yardage (Approx.) 100 cu. yds.
 Reservoir: Area Normal Pool Level 0.25 acre
 Capacity 0.97 acre feet
 Nature of Shore line grassy
 Spillway: Type open channel Location left end
 Width 7 ft. Depth 2 ft.
 Capacity 20 cubic feet per sec.
 Outlet: Size none Control none
 Location none
 Ditches: Open Earth none Open rock none
 Pipe none Length none
 Section none Capacity none
 Location or as on plans

The system is in the following condition: Good

The outlet of the reservoir or the point of diversion of the ditch, canal or pipe line is located N. 69° 25' E. 9,698 ft
feet distant from the SW Corner of Section 1 Township 4S
Range. 1E

The works are capable of utilizing 1.36 acre-feet of water
annually or second-foot of water.

The legal subdivisions to be irrigated are _____

comprising a total of _____ acres of land.

The domestic and stockwater uses comprise household purposes and
water for livestock.

The utilization for Public recreational, game and fish propagation and
fire protection comprises bathing, rearing fish and water supply for
fire fighting equipment.

The project was completed 1935

Witness my hand, this 5th day of December A.D. 1939.

W. H. W. Kling
Examining Engineer

Profile Center Line Billway
10% maximum

LETTER OF AUTHORIZATION
for
Inspection

August 11, 1939

Walter WallingRapid City, S. Dak.V-A Reservoir
Name of Project
Water Division No. 2
Full River Water District
Teton Canyon
Source of Appropriation
(Stream)

Dear Sir:

The United States of America, Department of Agriculture, Forest Service, Denver, Colorado, having filed "Notice of Intention" to utilize certain specified waters of the State, and there having been issued a withdrawal from further appropriation as provided in Section 61.0137, 1939 Revised Code of South Dakota and identified as Withdrawal No. U.S. 178, on Topas Canyon (stream) County of Custer on the Harney Forest, has informed this office that the construction for the diversion, storage, appropriation and application of water to beneficial use has been fully completed and is ready for examination.

You are, therefore, hereby authorized to arrange with the holder of said withdrawal for an examination of the V-A Reservoir, ditch, or pipeline constructed and owned by the United States of America, Department of Agriculture, Forest Service, on the Harney Forest and also an inspection to determine the amount of water stored and applied to beneficial use.

In this examination you will ascertain whether or not the constructed works comply fully with the plans submitted and are capable of using quantities of water as set forth in the "Notice of Intention", and give in complete form all the information which is suggested by the statements in the Certificate of Inspection which is herewith enclosed, in the attached instructions, and such other information as will enable the State Engineer to act intelligently and judicially in the matter of determining the status of completion of the projects.

You should also arrange with the holder of the withdrawal for the payment of your fee for this service and such proper expenses as you incur in making this examination and report and taking the testimony.

Very truly yours,

Walter Walling
State Engineer.

WITHDRAWALS No. U. S. 178

RECEIVED 7A

JUL 24 1939

V-A Reservoir

Name of Project

OFFICE OF STATE ENGINEER
PIERRE, S. DAK.Water Division No. 2Fall River Water District

NOTICE OF COMPLETION OF WORKS

P.O. Denver, ColoradoDate July 21, 1939

TO THE STATE ENGINEER OF SOUTH DAKOTA, PIERRE:

Dear Sir: Notice is hereby given of the completion of the construction of V-A reservoir, ditch or pipe line constructed and owned by the United States of America, Department of Agriculture, Forest Service on the H. Gray Forest. The project provides for the diversion and storage or direct diversion of quantities of water as shown on the plans and reports submitted and the project has been completed in accordance with the said plans and reports, terms and conditions of withdrawals heretofore issued by the State Engineer of the State of South Dakota or as shall be hereafter reported by the Examining Engineer.

1. The proper name of the Federal Agency holding said withdrawal is United States of America, Department of Agriculture, Forest Service.
2. The name and postoffice address of the proper corresponding official for said Federal Agency is Regional Forester, Denver, Colorado.
3. The project is located in NE 1 of Section, 6 Township 4 S, Range 2 E.
4. Said water to be used for livestock, fish culture, domestic, fire protection, irrigation, recreation purposes.
5. The amount of water which said completed works are capable of impounding or conducting to the place of intended use is as shown by information previously submitted or as shall be hereafter reported by the Examining Engineer Walter Walking.
6. The amount of land for which said water is available is _____ acres, particularly described as follows: _____

I hereby certify that the facts set forth in the above notice

are true.

James L. Brownlee
JAMES L. BROWNLEE
Assistant Regional Forester
Division of Engineering

FCRL A

CERTIFICATE OF WITHDRAWAL
of
WATER FOR APPROPRIATION
to the
UNITED STATES OF AMERICA
DEPARTMENT OF AGRICULTURE
FOREST SERVICE.

U. S. No. 278

V-A Reservoir
Name of Project.

Custer
County

Water Division No. 2
Full River Water District
~~Tapan Canyon~~
Source of Appropriation - Stream

The United States of America, Department of Agriculture, Forest Service, having filed "Notice of Intention" to utilize certain heretofore unappropriated public waters of the State of South Dakota, in accordance with the requirements of the statutes of the State of South Dakota, such statutes and authority being contained in Section 61.0137 1939 Revised Code of South Dakota, now therefore:

This is to certify that there is hereby reserved, of the heretofore un-
appropriated waters of Tulare County, the annual amount
of 1.66 acre-feet of water to maintain storage in V-A
reservoir created by damming said stream at a point
11.69° - 25' E., 0.508
feet distant from the SW Corner of Section 1, Township 4N,
Range 1E. The purpose of such storage is
Livestock, fish culture, domestic, fire protection, irrigation, recreation

This is to certify that there is hereby reserved, of the heretofore un-
appropriated waters of _____ a maximum of _____
cubic feet per second to be diverted through the _____
ditch, canal or pipe line at a point located on the _____ bank _____
feet distant from the _____ Corner of Section _____ Township _____
Range _____ for the purpose of _____
during the months of _____

This certificate and withdrawal shall in no manner prejudice, alter, amend or affect the rights of any prior appropriator or prior appropriation of water, nor of any application for appropriation pending on the date of this certificate, but the rights and privileges of any and all such prior appropriators or applicants for appropriation of water shall remain inviolate and intact, the same as if the within withdrawal had not been made.

This certificate shall be and is subject to cancellation in accordance with the provisions of the statutes hereinbefore referred to and under the authority of which this certificate is issued.

In accordance with the provisions of the statutes hereinbefore referred to, this certificate is executed at the State Capitol at Pierre, South Dakota, this 10th day of July 1939.

State Engineer

E
WATER RESOURCES
Water Rights

NOTICE OF INTENTION
to the
STATE ENGINEER
of the
STATE OF SOUTH DAKOTA

RECEIVED
10 1939
OFFICE OF STATE ENGINEER
PIERRE, S. DAK.

V-A Reservoir Project

Denver, Colorado.

Harney Forest
South Dakota

July 7, 1939
Date

Notice of Intention to divert, store and appropriate water for beneficial uses from certain streams in South Dakota by the United States of America, Department of Agriculture, Forest Service.

The United States of America, Department of Agriculture, Forest Service, through its officers duly appointed, to administer the National Forests in South Dakota, hereby notifies the State Engineer of South Dakota of its intentions to appropriate, by construction, diversion, storage and beneficial use, the unappropriated public waters of South Dakota, under Section 61.0137 of the 1939 Revised Code of South Dakota. Application is hereby made for the withdrawal of certain unappropriated public waters of the State of South Dakota in an amount sufficient to maintain storage in V-A

Reservoir, or to satisfy the requirements of the
ditch, canal or pipe line,

and the following information is furnished:

1. Representative of the United States of America authorized to act in procurement of water rights.

Ans. Regional Forester, United States Department of Agriculture,
Forest Service, Region 2, Denver, Colorado.

2. Name of intending appropriator.

Ans. United States of America, Department of Agriculture, Forest
Service.

3. Name and address of agency representing intending appropriator.

Ans. United States Department of Agriculture, Forest Service, Region
2, Denver, Colorado.

4. Name of reservoir, ditch, canal or pipe line.

Ans. V-A Reservoir

5. County in which water is to be diverted, stored and appropriated.

Ans. Custer County

6. Name of stream from which water is to be diverted, stored and appropriated.

Ans. Teepee Canyon

7. The outlet of the reservoir or the point of diversion of ditch,
canal or pipe line is located N. 69° 25' E., 9,598 feet
distant from the SW Corner of Section 1 Township 4 S.,
Range. 1 E.

8. Uses to which water directly diverted or diverted and stored, is to be put.

Ans. Livestock, fish culture, domestic, fire protection, irrigation, recreation.

9. The available capacity of reservoir in acre feet.

Ans. 0.97 acre feet

10. The carrying capacity of ditch, canal or pipe line in cubic feet per second.

Ans.

11. Acre feet of water to be appropriated annually for diversion and storage in reservoir.

Ans. 1.66 acre feet

12. Cubic feet of water per second to be appropriated for direct diversion by ditch, canal, or pipeline.

Ans.

13. Location of lands to be irrigated.

Ans.

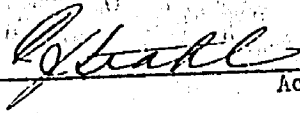
14. Class of plans accompanying "Notice of Intention".

Ans. Standard plans

ALLEN S. PECK,

Regional Forester

By



Acting.