

* Reservoir Permit No. 520

CERTIFICATE NO. 4925

Application for a Permit to Construct a Reservoir and to Store for Beneficial Use the Unappropriated Waters of the State of Oregon

I, A. E. Brown (Name of Applicant)

of Crane, County of Harney (Postoffice)

State of Oregon, do hereby make application for a permit to construct the following described reservoir and to store the unappropriated waters of the State of Oregon, subject to existing rights.

If the applicant is a corporation, give date and place of incorporation

1. The name of the proposed reservoir is Brown Reservoir

2. The name of the stream from which the reservoir is to be filled and the appropriation made is an unnamed stream tributary of Indian Creek, Indian Creek tributary of South Fork of Malheur River.

3. The amount of water to be stored is Eight Hundred acre feet.

4. The use to be made of the impounded water is irrigation to be appropriated under (Irrigation, power, domestic supply, etc.) Application No. 8170, Permit No. 5270

5. The location of the proposed reservoir will be in Sec. 3, Township 28 South, Range 36 East. (Give sections or townships to be submerged)

(a) State whether situated in channel of running stream and give character of material at outlet In channel, rock bottom and sides, gorge, soil heavy clay, very impervious to subbing of water

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give name and dimensions. The reservoir is to be supplied from the run-off of the stream on which it is located and also from the spring flood run-off of another unnamed creek to the north of the reservoir, (also a tributary of Indian Creek) through a feed canal 8 feet wide on bottom, 13 feet at water line, to carry water 2 ft. deep, one-half mile in length, grade 5 feet per thousand feet

6. The dam will be located in SW 1/4 of NE 1/4 of Sec. 3 (Smallest legal subdivision)

Tp. 28 South, R. 36 East, W. M. It will be 31.5 feet in height, (No. N. or S.) (No. E. or W.)

* A different form of application should be used for the appropriation of stored water to beneficial use. Such forms can be secured without charge, together with instructions, by addressing the State Engineer, Salem, Oregon.

having a length on top of 190 feet; length on bottom 60 feet; width on top 5 feet slope of front or water side 3-1 (Feet horizontal to 1 vertical) slope on back 1 1/2-1 (Feet horizontal to 1 vertical); height of dam above water line when full three feet.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: earth filled dam, rock riprapped on water face

8. The location of wasteway with dimensions are as follows: Waste-way around south end (State whether over or around the dam) of dam, excavated in solid rock; 9 feet wide, 10 feet deep, flash board control.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: Outlet through center of dam, six inch cast iron pipe screw (State whether through or around the proposed dam) control valve at upper end with tower

10. The area submerged by the proposed reservoir, when full, will be sixty acres, with a maximum depth of water of 25 feet; and approximate mean depth of water 13 1/2 feet.

11. The estimated cost of the proposed work is \$ 6,000

12. Construction work will begin on or before see remarks

13. Construction work will be completed on or before Nov. 1st, 1922

Duplicate maps of the proposed reservoir and storage works, prepared in accordance with the rules of the State Water Board, accompany this application.

A. E. Brown (Name of applicant) Crane, Oregon,

Signed in the presence of us as witnesses:

(1) M. V. Dodge, Burns, Oregon, (Name) (Address of witness)

(2) G. B. McConnell, (Name) (Address of witness)

Remarks: For a number of years the applicant has maintained a series of levees and dams on the stream above mentioned and immediately above the lands which were irrigated. One year ago he went further up the stream and constructed the dam herein described to a height of 23 feet. This is a clay fill dam, material taken from the bottom of the reservoir site, and equipped with complete outlet and screw valve gate. This reservoir filled to capacity this season, having at highest stage about 500 acre feet. The dam stood perfect, with practically no seepage. Applicant now proposes to increase the capacity of the reservoir by raising the dam eight feet, and constructing a feed canal from another stream as described in the within application. The stored waters are used for the irrigation of the lands to which certificate of water rights were issued by the State Land Board to applicant in the adjudication of the relative rights to the use of the waters of the Malheur River.

The construction of the feed canal will practically double the water shed discharging into the reservoir, and if the water supply keeps up and proves to be adequate additional lands will be applied for to be put under irrigation from this system.

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for correction or completion as follows:

In order to retain its priority, this application must be returned to the State Engineer, with corrections, on or before _____, 19_____.

WITNESS my hand this _____ day of _____, 19_____.

State Engineer.

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions: The right herein granted is limited to the construction of the Brown's Reservoir for the storage of the waters of Indian Creek, and an unnamed tributary of Indian Creek to be appropriated under Application No. 8170, Permit No. 5270.

The right hereunder shall be limited to the storage of 800.0 acre feet.

The priority date of this permit is November 15, 1921,

Actual construction work shall begin on or before November 25, 1922,

and shall thereafter be prosecuted with reasonable diligence and be completed on or before June 1, 1923.

WITNESS my hand this 25th day of November, 1921.

Percy A. Cupper,

State Engineer.

Application No. 8164

Reservoir Permit No. 520

PERMIT

To construct a reservoir and store for beneficial use the unappropriated waters of the State of Oregon.

District No.

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 15 day of November, 1921, at 11:00 o'clock A.M.

Returned to applicant for correction:

Corrected application received:

Approved:

Nov. 25, 1921.

Recorded in Book No. 2 of Reservoirs, on Page 520

Percy A. Cupper

State Engineer.

1 Map. RS.

\$8.00